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TIGHE & BOND

ANALYTICAL REPORT

Job Number: 360-16715-1

Job Description: A-0308

For:
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Attention: Jeffery Thelen

Christine Lynn Reynolds

Designee for
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06/06/2008

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ACCREDITED IN ACCORDANCE WITH nelac

Metals

Method(s) 6010B: The method blank for batch 32404 contained Chromium and Selenium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 6010B: The method blank for batch 32704 contained Barium, Cadmium, Chromium and Selenium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

METHOD SUMMARY

Client: Tighe & Bond

Job Number: 360-16715-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL WFD	SW846 8260B	
Purge-and-Trap	TAL WFD		SW846 5030B
Semivolatile Organic Compounds by GCMS - Low Levels	TAL WFD	SW846 8270C	
Separatory Funnel Liquid-Liquid Extraction	TAL WFD		SW846 3510C
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL WFD	SW846 6010B	
Sample Filtration performed in the Field	TAL WFD		FIELD_FLTRD
Inductively Coupled Plasma - Mass Spectrometry	TAL WFD	SW846 6020	
Sample Filtration performed in the Field	TAL WFD		FIELD_FLTRD
Mercury in Liquid Waste (Manual Cold Vapor Technique)	TAL WFD	SW846 7470A	
Sample Filtration performed in the Field	TAL WFD		FIELD_FLTRD
Mercury in Liquid Waste (Manual Cold Vapor	TAL WFD		SW846 7470A
Turbidity, Nephelometric	TAL WFD	MCAWW 180.1	
Anions by Ion Chromatography	TAL WFD	MCAWW 300.0	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	TAL WFD	MCAWW 353.2	
Chemical Oxygen Demand (Colorimetric, Automated; Manual)	TAL WFD	MCAWW 410.4	
Total Cyanide (Automated Colorimetric]	TAL WFD	SW846 9012A	
Total and Amenable Cyanide (Auto. Colorimetric	TAL WFD		SW846 9012A
Alkalinity, Titration Method	TAL WFD	SM SM 2320B	
Total Dissolved Solids (Dried at 180 °C)	TAL WFD	SM SM 2540C	

Lab References:

TAL WFD = TestAmerica Westfield

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Tighe & Bond

Job Number: 360-16715-1

Method	Analyst	Analyst ID
SW846 8260B	Tester, Carla	CT
SW846 8270C	Sullivan, Pat J	PJS
SW846 6010B	Balicki, Charles W	CWB
SW846 6020	Balicki, Charles W	CWB
SW846 7470A	Balicki, Charles W	CWB
MCAWW 180.1	Emerich, Rich W	RWE
MCAWW 300.0	Lalashius, Andrew L	ALL
MCAWW 353.2	Lalashius, Andrew L	ALL
MCAWW 410.4	Emerich, Rich W	RWE
SW846 9012A	Lalashius, Andrew L	ALL
SM SM 2320B	Emerich, Rich W	RWE
SM SM 2540C	Emerich, Rich W	RWE

SAMPLE SUMMARY

Client: Tighe & Bond

Job Number: 360-16715-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
360-16715-1	SW-11	Water	05/23/2008 0905	05/23/2008 1610
360-16715-2	SW-13	Water	05/23/2008 0950	05/23/2008 1610
360-16715-3	SW-5	Water	05/23/2008 1045	05/23/2008 1610
360-16715-4	SW-8	Water	05/23/2008 1150	05/23/2008 1610
360-16715-5	SW-17	Water	05/23/2008 1220	05/23/2008 1610
360-16715-6	SW-15	Water	05/23/2008 1245	05/23/2008 1610
360-16715-7	SW-6	Water	05/23/2008 1340	05/23/2008 1610
360-16715-8	SW-14	Water	05/23/2008 1425	05/23/2008 1610
360-16715-9TB	Trip Blank	Water	05/23/2008 0905	05/23/2008 1610
360-16715-10	SW-4	Water	05/23/2008 1455	05/23/2008 1610

Jeffery Thelen
Tighe & Bond
53 Southampton Road
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Job Number: 360-16715-1

Client Sample ID: SW-11
Lab Sample ID: 360-16715-1

Date Sampled: 05/23/2008 0905
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/29/2008 2315		
Prep Method: 5030B			Date Prepared:	05/29/2008 2315		
Acetone	ND		ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND	*	ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND	*	ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

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Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	*	ug/L	8.5	10	1.0
Methylene Chloride	ND		ug/L	1.0	2.0	1.0
n-Butylbenzene	ND		ug/L	0.59	1.0	1.0
N-Propylbenzene	ND		ug/L	0.70	1.0	1.0
Naphthalene	ND		ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND		ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND		ug/L	0.59	1.0	1.0
o-Xylene	ND		ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND		ug/L	0.67	1.0	1.0
Styrene	ND		ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND		ug/L	0.61	1.0	1.0
Tetrachloroethene	ND		ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND		ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND		ug/L	0.58	0.50	1.0
Toluene	ND		ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND		ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND		ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND		ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND		ug/L	0.72	1.0	1.0
Trichloroethene	ND		ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND		ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND		ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND		ug/L	0.66	1.0	1.0
Vinyl chloride	ND		ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND		ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	98	%	70 - 130
Toluene-d8 (Surr)	106	%	70 - 130
4-Bromofluorobenzene	87	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 8270C Date Analyzed: 06/03/2008 0132
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.11	3.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	61	%	15 - 110
2-Fluorobiphenyl	53	%	30 - 130
2-Fluorophenol	24	%	15 - 110
Nitrobenzene-d5	53	%	30 - 130

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Client Sample ID: SW-11
Lab Sample ID: 360-16715-1

Date Sampled: 05/23/2008 0905
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	13	X	%		15 - 110	
Terphenyl-d14	73		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		05/27/2008 1134	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	ND		ug/L	0.25	20	1.0
Cadmium	ND		ug/L	0.18	1.0	1.0
Chromium	0.26	J	ug/L	0.17	5.0	1.0
Copper	2.4	J	ug/L	1.6	10	1.0
Iron	700		ug/L	16	100	1.0
Manganese	46		ug/L	0.33	10	1.0
Sodium	2900		ug/L	65	2000	1.0
Selenium	ND		ug/L	2.2	10	1.0
Zinc	21	J	ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/27/2008 1222	
Arsenic	0.63	J	ug/L	0.40	1.0	1.0
Lead	1.4		ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/28/2008 1421	
Prep Method: 7470A			Date Prepared:		05/27/2008 0800	
Mercury	ND		ug/L	0.13	0.20	1.0

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Date Sampled: 05/23/2008 0905
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:		05/23/2008 1917	
Turbidity	8.7	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:		05/27/2008 1859	
Sulfate	ND	mg/L	2.0	2.0	1.0
Chloride	3.1	mg/L	1.0	1.0	1.0
Method: 353.2		Date Analyzed:		05/27/2008 1503	
Nitrate as N	ND	mg/L	0.050	0.050	1.0
Method: 410.4		Date Analyzed:		05/29/2008 1120	
Chemical Oxygen Demand	100	mg/L	20	20	1.0
Method: 9012A		Date Analyzed:		05/28/2008 1554	
Prep Method: 9012A		Date Prepared:		05/28/2008 1335	
Cyanide, Total	ND	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:		05/27/2008 1516	
Alkalinity	5.8	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:		05/29/2008 0831	
Total Dissolved Solids	69	mg/L	10	10	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-13
Lab Sample ID: 360-16715-2

Date Sampled: 05/23/2008 0950
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/29/2008 2344		
Prep Method: 5030B			Date Prepared:	05/29/2008 2344		
Acetone	ND		ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND	*	ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND	*	ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-13
Lab Sample ID: 360-16715-2

Date Sampled: 05/23/2008 0950
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND *	ug/L	8.5	10	1.0
Methylene Chloride	ND	ug/L	1.0	2.0	1.0
n-Butylbenzene	ND	ug/L	0.59	1.0	1.0
N-Propylbenzene	ND	ug/L	0.70	1.0	1.0
Naphthalene	ND	ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND	ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND	ug/L	0.59	1.0	1.0
o-Xylene	ND	ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND	ug/L	0.67	1.0	1.0
Styrene	ND	ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND	ug/L	0.61	1.0	1.0
Tetrachloroethene	ND	ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND	ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND	ug/L	0.58	0.50	1.0
Toluene	ND	ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND	ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND	ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND	ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND	ug/L	0.72	1.0	1.0
Trichloroethene	ND	ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND	ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND	ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND	ug/L	0.66	1.0	1.0
Vinyl chloride	ND	ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND	ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	97	%	70 - 130
Toluene-d8 (Surr)	101	%	70 - 130
4-Bromofluorobenzene	86	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 8270C Date Analyzed: 06/03/2008 0201
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.11	3.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	80	%	15 - 110
2-Fluorobiphenyl	79	%	30 - 130
2-Fluorophenol	29	%	15 - 110
Nitrobenzene-d5	80	%	30 - 130

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Job Number: 360-16715-1

Client Sample ID: SW-13
Lab Sample ID: 360-16715-2

Date Sampled: 05/23/2008 0950
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	15		%		15 - 110	
Terphenyl-d14	109		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		05/27/2008 1150	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	140		ug/L	0.25	20	1.0
Cadmium	ND		ug/L	0.18	1.0	1.0
Chromium	ND		ug/L	0.17	5.0	1.0
Copper	ND		ug/L	1.6	10	1.0
Iron	250		ug/L	16	100	1.0
Manganese	310		ug/L	0.33	10	1.0
Sodium	40000		ug/L	65	2000	1.0
Selenium	ND		ug/L	2.2	10	1.0
Zinc	6.9	J	ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/27/2008 1224	
Arsenic	0.65	J	ug/L	0.40	1.0	1.0
Lead	ND		ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/28/2008 1423	
Prep Method: 7470A			Date Prepared:		05/27/2008 0800	
Mercury	ND		ug/L	0.13	0.20	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-13
Lab Sample ID: 360-16715-2

Date Sampled: 05/23/2008 0950
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:	05/23/2008 1922		
Turbidity	8.1	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:	05/27/2008 2015		
Sulfate	11	mg/L	2.0	2.0	1.0
Method: 300.0		Date Analyzed:	05/27/2008 2030		
Chloride	68	mg/L	10	10	10
Method: 353.2		Date Analyzed:	05/27/2008 1504		
Nitrate as N	0.40	mg/L	0.050	0.050	1.0
Method: 410.4		Date Analyzed:	05/29/2008 1120		
Chemical Oxygen Demand	ND	mg/L	20	20	1.0
Method: 9012A		Date Analyzed:	05/28/2008 1555		
Prep Method: 9012A		Date Prepared:	05/28/2008 1335		
Cyanide, Total	ND	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:	05/27/2008 1526		
Alkalinity	46	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:	05/29/2008 0831		
Total Dissolved Solids	200	mg/L	10	10	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-5
Lab Sample ID: 360-16715-3

Date Sampled: 05/23/2008 1045
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/30/2008 0014		
Prep Method: 5030B			Date Prepared:	05/30/2008 0014		
Acetone	ND		ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND	*	ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND	*	ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-5
Lab Sample ID: 360-16715-3

Date Sampled: 05/23/2008 1045
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	*	ug/L	8.5	10	1.0
Methylene Chloride	ND		ug/L	1.0	2.0	1.0
n-Butylbenzene	ND		ug/L	0.59	1.0	1.0
N-Propylbenzene	ND		ug/L	0.70	1.0	1.0
Naphthalene	ND		ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND		ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND		ug/L	0.59	1.0	1.0
o-Xylene	ND		ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND		ug/L	0.67	1.0	1.0
Styrene	ND		ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND		ug/L	0.61	1.0	1.0
Tetrachloroethene	ND		ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND		ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND		ug/L	0.58	0.50	1.0
Toluene	ND		ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND		ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND		ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND		ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND		ug/L	0.72	1.0	1.0
Trichloroethene	ND		ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND		ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND		ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND		ug/L	0.66	1.0	1.0
Vinyl chloride	ND		ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND		ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	96	%	70 - 130
Toluene-d8 (Surr)	106	%	70 - 130
4-Bromofluorobenzene	88	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 8270C Date Analyzed: 06/03/2008 0229
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.11	3.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	80	%	15 - 110
2-Fluorobiphenyl	73	%	30 - 130
2-Fluorophenol	29	%	15 - 110
Nitrobenzene-d5	75	%	30 - 130

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Job Number: 360-16715-1

Client Sample ID: SW-5
Lab Sample ID: 360-16715-3

Date Sampled: 05/23/2008 1045
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	15		%		15 - 110	
Terphenyl-d14	113		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		05/27/2008 1153	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	54		ug/L	0.25	20	1.0
Cadmium	ND		ug/L	0.18	1.0	1.0
Chromium	ND		ug/L	0.17	5.0	1.0
Copper	ND		ug/L	1.6	10	1.0
Iron	730		ug/L	16	100	1.0
Manganese	210		ug/L	0.33	10	1.0
Sodium	11000		ug/L	65	2000	1.0
Selenium	ND		ug/L	2.2	10	1.0
Zinc	11	J	ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/27/2008 1227	
Arsenic	0.43	J	ug/L	0.40	1.0	1.0
Lead	ND		ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/28/2008 1425	
Prep Method: 7470A			Date Prepared:		05/27/2008 0800	
Mercury	ND		ug/L	0.13	0.20	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-5
Lab Sample ID: 360-16715-3

Date Sampled: 05/23/2008 1045
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:	05/23/2008 1924		
Turbidity	4.3	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:	05/27/2008 2115		
Sulfate	7.3	mg/L	2.0	2.0	1.0
Chloride	20	mg/L	1.0	1.0	1.0
Method: 353.2		Date Analyzed:	05/27/2008 1505		
Nitrate as N	ND	mg/L	0.050	0.050	1.0
Method: 410.4		Date Analyzed:	05/29/2008 1120		
Chemical Oxygen Demand	23	mg/L	20	20	1.0
Method: 9012A		Date Analyzed:	05/28/2008 1556		
Prep Method: 9012A		Date Prepared:	05/28/2008 1335		
Cyanide, Total	ND	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:	05/27/2008 1531		
Alkalinity	24	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:	05/29/2008 0831		
Total Dissolved Solids	88	mg/L	10	10	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-8
Lab Sample ID: 360-16715-4

Date Sampled: 05/23/2008 1150
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/30/2008 0043		
Prep Method: 5030B			Date Prepared:	05/30/2008 0043		
Acetone	ND		ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND	*	ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND	*	ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-8
Lab Sample ID: 360-16715-4

Date Sampled: 05/23/2008 1150
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	*	ug/L	8.5	10	1.0
Methylene Chloride	ND		ug/L	1.0	2.0	1.0
n-Butylbenzene	ND		ug/L	0.59	1.0	1.0
N-Propylbenzene	ND		ug/L	0.70	1.0	1.0
Naphthalene	ND		ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND		ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND		ug/L	0.59	1.0	1.0
o-Xylene	ND		ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND		ug/L	0.67	1.0	1.0
Styrene	ND		ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND		ug/L	0.61	1.0	1.0
Tetrachloroethene	ND		ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND		ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND		ug/L	0.58	0.50	1.0
Toluene	ND		ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND		ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND		ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND		ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND		ug/L	0.72	1.0	1.0
Trichloroethene	ND		ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND		ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND		ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND		ug/L	0.66	1.0	1.0
Vinyl chloride	ND		ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND		ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	98	%	70 - 130
Toluene-d8 (Surr)	105	%	70 - 130
4-Bromofluorobenzene	88	%	70 - 130

Tentatively Identified Compounds				Cas Number	RT	
Tentatively Identified Compound	None		ug/L		0.00	1.0
Ethyl ether	1.2	J	ug/L	60-29-7	2.83	1.0

Method: 8270C Date Analyzed: 06/03/2008 0257
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.11	3.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	81	%	15 - 110
2-Fluorobiphenyl	78	%	30 - 130
2-Fluorophenol	31	%	15 - 110

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Job Number: 360-16715-1

Client Sample ID: SW-8
Lab Sample ID: 360-16715-4

Date Sampled: 05/23/2008 1150
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Nitrobenzene-d5	71		%		30 - 130	
Phenol-d5	16		%		15 - 110	
Terphenyl-d14	111		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		05/27/2008 1156	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	240		ug/L	0.25	20	1.0
Cadmium	ND		ug/L	0.18	1.0	1.0
Chromium	ND		ug/L	0.17	5.0	1.0
Copper	ND		ug/L	1.6	10	1.0
Iron	190		ug/L	16	100	1.0
Manganese	2900		ug/L	0.33	10	1.0
Sodium	19000		ug/L	65	2000	1.0
Selenium	2.7	J B	ug/L	2.2	10	1.0
Zinc	18	J	ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/27/2008 1237	
Arsenic	ND		ug/L	0.40	1.0	1.0
Lead	ND		ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/28/2008 1427	
Prep Method: 7470A			Date Prepared:		05/27/2008 0800	
Mercury	ND		ug/L	0.13	0.20	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-8
Lab Sample ID: 360-16715-4

Date Sampled: 05/23/2008 1150
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:	05/23/2008 1927		
Turbidity	1.8	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:	05/27/2008 2130		
Sulfate	14	mg/L	2.0	2.0	1.0
Chloride	33	mg/L	1.0	1.0	1.0
Method: 353.2		Date Analyzed:	05/27/2008 1506		
Nitrate as N	0.45	mg/L	0.050	0.050	1.0
Method: 410.4		Date Analyzed:	05/29/2008 1120		
Chemical Oxygen Demand	ND	mg/L	20	20	1.0
Method: 9012A		Date Analyzed:	05/28/2008 1557		
Prep Method: 9012A		Date Prepared:	05/28/2008 1335		
Cyanide, Total	ND	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:	05/27/2008 1537		
Alkalinity	120	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:	05/29/2008 0831		
Total Dissolved Solids	230	mg/L	10	10	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-17
Lab Sample ID: 360-16715-5

Date Sampled: 05/23/2008 1220
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/30/2008 0112		
Prep Method: 5030B			Date Prepared:	05/30/2008 0112		
Acetone	ND		ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND	*	ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND	*	ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-17
Lab Sample ID: 360-16715-5

Date Sampled: 05/23/2008 1220
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	*	ug/L	8.5	10	1.0
Methylene Chloride	ND		ug/L	1.0	2.0	1.0
n-Butylbenzene	ND		ug/L	0.59	1.0	1.0
N-Propylbenzene	ND		ug/L	0.70	1.0	1.0
Naphthalene	ND		ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND		ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND		ug/L	0.59	1.0	1.0
o-Xylene	ND		ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND		ug/L	0.67	1.0	1.0
Styrene	ND		ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND		ug/L	0.61	1.0	1.0
Tetrachloroethene	ND		ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND		ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND		ug/L	0.58	0.50	1.0
Toluene	ND		ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND		ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND		ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND		ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND		ug/L	0.72	1.0	1.0
Trichloroethene	ND		ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND		ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND		ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND		ug/L	0.66	1.0	1.0
Vinyl chloride	ND		ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND		ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	96	%	70 - 130
Toluene-d8 (Surr)	106	%	70 - 130
4-Bromofluorobenzene	90	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 8270C Date Analyzed: 06/03/2008 0325
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.11	3.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	71	%	15 - 110
2-Fluorobiphenyl	71	%	30 - 130
2-Fluorophenol	28	%	15 - 110
Nitrobenzene-d5	71	%	30 - 130

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Job Number: 360-16715-1

Client Sample ID: SW-17
Lab Sample ID: 360-16715-5

Date Sampled: 05/23/2008 1220
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	13	X	%		15 - 110	
Terphenyl-d14	106		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		05/27/2008 1158	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	250		ug/L	0.25	20	1.0
Cadmium	0.24	J	ug/L	0.18	1.0	1.0
Chromium	ND		ug/L	0.17	5.0	1.0
Copper	1.8	J	ug/L	1.6	10	1.0
Iron	220		ug/L	16	100	1.0
Manganese	2900		ug/L	0.33	10	1.0
Sodium	19000		ug/L	65	2000	1.0
Selenium	ND		ug/L	2.2	10	1.0
Zinc	110		ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/27/2008 1244	
Arsenic	ND		ug/L	0.40	1.0	1.0
Lead	ND		ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/28/2008 1431	
Prep Method: 7470A			Date Prepared:		05/27/2008 0800	
Mercury	ND		ug/L	0.13	0.20	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-17
Lab Sample ID: 360-16715-5

Date Sampled: 05/23/2008 1220
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:	05/23/2008 1930		
Turbidity	0.93	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:	05/27/2008 2145		
Sulfate	14	mg/L	2.0	2.0	1.0
Chloride	33	mg/L	1.0	1.0	1.0
Method: 353.2		Date Analyzed:	05/27/2008 1507		
Nitrate as N	0.45	mg/L	0.050	0.050	1.0
Method: 410.4		Date Analyzed:	05/29/2008 1120		
Chemical Oxygen Demand	ND	mg/L	20	20	1.0
Method: 9012A		Date Analyzed:	05/28/2008 1558		
Prep Method: 9012A		Date Prepared:	05/28/2008 1335		
Cyanide, Total	ND	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:	05/27/2008 1543		
Alkalinity	120	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:	05/29/2008 0831		
Total Dissolved Solids	220	mg/L	10	10	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-15
Lab Sample ID: 360-16715-6

Date Sampled: 05/23/2008 1245
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/30/2008 0141		
Prep Method: 5030B			Date Prepared:	05/30/2008 0141		
Acetone	ND		ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND	*	ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND	*	ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-15
Lab Sample ID: 360-16715-6

Date Sampled: 05/23/2008 1245
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND *	ug/L	8.5	10	1.0
Methylene Chloride	ND	ug/L	1.0	2.0	1.0
n-Butylbenzene	ND	ug/L	0.59	1.0	1.0
N-Propylbenzene	ND	ug/L	0.70	1.0	1.0
Naphthalene	ND	ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND	ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND	ug/L	0.59	1.0	1.0
o-Xylene	ND	ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND	ug/L	0.67	1.0	1.0
Styrene	ND	ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND	ug/L	0.61	1.0	1.0
Tetrachloroethene	ND	ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND	ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND	ug/L	0.58	0.50	1.0
Toluene	ND	ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND	ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND	ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND	ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND	ug/L	0.72	1.0	1.0
Trichloroethene	ND	ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND	ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND	ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND	ug/L	0.66	1.0	1.0
Vinyl chloride	ND	ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND	ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	97	%	70 - 130
Toluene-d8 (Surr)	107	%	70 - 130
4-Bromofluorobenzene	87	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 8270C Date Analyzed: 06/03/2008 0354
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.21	6.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	52	%	15 - 110
2-Fluorobiphenyl	47	%	30 - 130
2-Fluorophenol	25	%	15 - 110
Nitrobenzene-d5	45	%	30 - 130

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Job Number: 360-16715-1

Client Sample ID: SW-15
Lab Sample ID: 360-16715-6

Date Sampled: 05/23/2008 1245
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	15		%		15 - 110	
Terphenyl-d14	51		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		05/27/2008 1201	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	120		ug/L	0.25	20	1.0
Cadmium	0.20	J	ug/L	0.18	1.0	1.0
Chromium	1.2	J B	ug/L	0.17	5.0	1.0
Copper	5.2	J	ug/L	1.6	10	1.0
Iron	5200		ug/L	16	100	1.0
Manganese	540		ug/L	0.33	10	1.0
Sodium	63000		ug/L	65	2000	1.0
Selenium	ND		ug/L	2.2	10	1.0
Zinc	52		ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/27/2008 1247	
Arsenic	2.8		ug/L	0.40	1.0	1.0
Lead	8.3		ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/28/2008 1433	
Prep Method: 7470A			Date Prepared:		05/27/2008 0800	
Mercury	ND		ug/L	0.13	0.20	1.0

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Westfield, MA 01085

Job Number: 360-16715-1

Client Sample ID: SW-15
Lab Sample ID: 360-16715-6

Date Sampled: 05/23/2008 1245
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:		05/23/2008 1932	
Turbidity	320	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:		05/27/2008 2200	
Sulfate	3.1	mg/L	2.0	2.0	1.0
Method: 300.0		Date Analyzed:		05/28/2008 2135	
Chloride	79	mg/L	5.0	5.0	5.0
Method: 353.2		Date Analyzed:		05/27/2008 1508	
Nitrate as N	ND	mg/L	0.050	0.050	1.0
Method: 410.4		Date Analyzed:		05/29/2008 1120	
Chemical Oxygen Demand	1400	mg/L	200	200	10
Method: 9012A		Date Analyzed:		05/28/2008 1559	
Prep Method: 9012A		Date Prepared:		05/28/2008 1335	
Cyanide, Total	0.031	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:		05/27/2008 1549	
Alkalinity	59	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:		05/29/2008 0831	
Total Dissolved Solids	250	mg/L	10	10	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-6
Lab Sample ID: 360-16715-7

Date Sampled: 05/23/2008 1340
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/30/2008 0211		
Prep Method: 5030B			Date Prepared:	05/30/2008 0211		
Acetone	ND		ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND	*	ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND	*	ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-6
Lab Sample ID: 360-16715-7

Date Sampled: 05/23/2008 1340
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	*	ug/L	8.5	10	1.0
Methylene Chloride	ND		ug/L	1.0	2.0	1.0
n-Butylbenzene	ND		ug/L	0.59	1.0	1.0
N-Propylbenzene	ND		ug/L	0.70	1.0	1.0
Naphthalene	ND		ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND		ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND		ug/L	0.59	1.0	1.0
o-Xylene	ND		ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND		ug/L	0.67	1.0	1.0
Styrene	ND		ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND		ug/L	0.61	1.0	1.0
Tetrachloroethene	ND		ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND		ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND		ug/L	0.58	0.50	1.0
Toluene	ND		ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND		ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND		ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND		ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND		ug/L	0.72	1.0	1.0
Trichloroethene	ND		ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND		ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND		ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND		ug/L	0.66	1.0	1.0
Vinyl chloride	ND		ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND		ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	96	%	70 - 130
Toluene-d8 (Surr)	105	%	70 - 130
4-Bromofluorobenzene	87	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 8270C Date Analyzed: 06/03/2008 0423
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.11	3.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	95	%	15 - 110
2-Fluorobiphenyl	81	%	30 - 130
2-Fluorophenol	31	%	15 - 110
Nitrobenzene-d5	79	%	30 - 130

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Job Number: 360-16715-1

Client Sample ID: SW-6
Lab Sample ID: 360-16715-7

Date Sampled: 05/23/2008 1340
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	16		%		15 - 110	
Terphenyl-d14	126		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		05/27/2008 1203	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	220		ug/L	0.25	20	1.0
Cadmium	ND		ug/L	0.18	1.0	1.0
Chromium	ND		ug/L	0.17	5.0	1.0
Copper	1.9	J	ug/L	1.6	10	1.0
Iron	96	J	ug/L	16	100	1.0
Manganese	1200		ug/L	0.33	10	1.0
Sodium	24000		ug/L	65	2000	1.0
Selenium	2.7	J B	ug/L	2.2	10	1.0
Zinc	33	J	ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/27/2008 1249	
Arsenic	0.42	J	ug/L	0.40	1.0	1.0
Lead	1.1		ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/28/2008 1435	
Prep Method: 7470A			Date Prepared:		05/27/2008 0800	
Mercury	ND		ug/L	0.13	0.20	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-6
Lab Sample ID: 360-16715-7

Date Sampled: 05/23/2008 1340
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:		05/23/2008 1936	
Turbidity	550	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:		05/27/2008 2216	
Sulfate	17	mg/L	2.0	2.0	1.0
Chloride	33	mg/L	1.0	1.0	1.0
Method: 353.2		Date Analyzed:		05/27/2008 1509	
Nitrate as N	1.9	mg/L	0.050	0.050	1.0
Method: 410.4		Date Analyzed:		05/29/2008 1120	
Chemical Oxygen Demand	360	mg/L	80	80	4.0
Method: 9012A		Date Analyzed:		05/28/2008 1600	
Prep Method: 9012A		Date Prepared:		05/28/2008 1335	
Cyanide, Total	0.0070	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:		05/27/2008 1554	
Alkalinity	76	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:		05/29/2008 0831	
Total Dissolved Solids	170	mg/L	10	10	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-6
Lab Sample ID: 360-16715-7

Date Sampled: 05/23/2008 1340
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:	05/23/2008 1936		
Turbidity	550	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:	05/27/2008 2216		
Sulfate	17	mg/L	2.0	2.0	1.0
Chloride	33	mg/L	1.0	1.0	1.0
Method: 353.2		Date Analyzed:	05/27/2008 1509		
Nitrate as N	1.9	mg/L	0.050	0.050	1.0
Method: 410.4		Date Analyzed:	05/29/2008 1120		
Chemical Oxygen Demand	360	mg/L	80	80	4.0
Method: 9012A		Date Analyzed:	05/28/2008 1600		
Prep Method: 9012A		Date Prepared:	05/28/2008 1335		
Cyanide, Total	0.0070	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:	05/27/2008 1554		
Alkalinity	76	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:	05/29/2008 0831		
Total Dissolved Solids	170	mg/L	10	10	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-14
Lab Sample ID: 360-16715-8

Date Sampled: 05/23/2008 1425
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/30/2008 0240		
Prep Method: 5030B			Date Prepared:	05/30/2008 0240		
Acetone	ND		ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND	*	ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND	*	ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-14
Lab Sample ID: 360-16715-8

Date Sampled: 05/23/2008 1425
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	*	ug/L	8.5	10	1.0
Methylene Chloride	ND		ug/L	1.0	2.0	1.0
n-Butylbenzene	ND		ug/L	0.59	1.0	1.0
N-Propylbenzene	ND		ug/L	0.70	1.0	1.0
Naphthalene	ND		ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND		ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND		ug/L	0.59	1.0	1.0
o-Xylene	ND		ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND		ug/L	0.67	1.0	1.0
Styrene	ND		ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND		ug/L	0.61	1.0	1.0
Tetrachloroethene	ND		ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND		ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND		ug/L	0.58	0.50	1.0
Toluene	ND		ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND		ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND		ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND		ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND		ug/L	0.72	1.0	1.0
Trichloroethene	ND		ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND		ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND		ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND		ug/L	0.66	1.0	1.0
Vinyl chloride	ND		ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND		ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	97	%	70 - 130
Toluene-d8 (Surr)	104	%	70 - 130
4-Bromofluorobenzene	85	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 8270C Date Analyzed: 06/03/2008 0451
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.11	3.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	79	%	15 - 110
2-Fluorobiphenyl	63	%	30 - 130
2-Fluorophenol	27	%	15 - 110
Nitrobenzene-d5	67	%	30 - 130

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Job Number: 360-16715-1

Client Sample ID: SW-14
Lab Sample ID: 360-16715-8

Date Sampled: 05/23/2008 1425
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	16		%		15 - 110	
Terphenyl-d14	87		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		05/27/2008 1206	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	450		ug/L	0.25	20	1.0
Cadmium	ND		ug/L	0.18	1.0	1.0
Chromium	0.39	J B	ug/L	0.17	5.0	1.0
Copper	2.1	J	ug/L	1.6	10	1.0
Iron	6400		ug/L	16	100	1.0
Manganese	1200		ug/L	0.33	10	1.0
Sodium	26000		ug/L	65	2000	1.0
Selenium	ND		ug/L	2.2	10	1.0
Zinc	96		ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/27/2008 1251	
Arsenic	1.8		ug/L	0.40	1.0	1.0
Lead	ND		ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/28/2008 1439	
Prep Method: 7470A			Date Prepared:		05/27/2008 0800	
Mercury	ND		ug/L	0.13	0.20	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-14
Lab Sample ID: 360-16715-8

Date Sampled: 05/23/2008 1425
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:	05/23/2008 1937		
Turbidity	430	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:	05/27/2008 2231		
Sulfate	16	mg/L	2.0	2.0	1.0
Chloride	34	mg/L	1.0	1.0	1.0
Method: 353.2		Date Analyzed:	05/27/2008 1510		
Nitrate as N	1.4	mg/L	0.050	0.050	1.0
Method: 410.4		Date Analyzed:	05/29/2008 1120		
Chemical Oxygen Demand	120	mg/L	20	20	1.0
Method: 9012A		Date Analyzed:	06/04/2008 1116		
Prep Method: 9012A		Date Prepared:	06/03/2008 1415		
Cyanide, Total	ND	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:	05/27/2008 1600		
Alkalinity	120	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:	05/29/2008 0831		
Total Dissolved Solids	200	mg/L	10	10	1.0

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Job Number: 360-16715-1

Client Sample ID: Trip Blank
Lab Sample ID: 360-16715-9

Date Sampled: 05/23/2008 0905
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/30/2008 0309		
Prep Method: 5030B			Date Prepared:	05/30/2008 0309		
Acetone	ND		ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND	*	ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND	*	ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

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Job Number: 360-16715-1

Client Sample ID: Trip Blank
Lab Sample ID: 360-16715-9

Date Sampled: 05/23/2008 0905
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	*	ug/L	8.5	10	1.0
Methylene Chloride	ND		ug/L	1.0	2.0	1.0
n-Butylbenzene	ND		ug/L	0.59	1.0	1.0
N-Propylbenzene	ND		ug/L	0.70	1.0	1.0
Naphthalene	ND		ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND		ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND		ug/L	0.59	1.0	1.0
o-Xylene	ND		ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND		ug/L	0.67	1.0	1.0
Styrene	ND		ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND		ug/L	0.61	1.0	1.0
Tetrachloroethene	ND		ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND		ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND		ug/L	0.58	0.50	1.0
Toluene	ND		ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND		ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND		ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND		ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND		ug/L	0.72	1.0	1.0
Trichloroethene	ND		ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND		ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND		ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND		ug/L	0.66	1.0	1.0
Vinyl chloride	ND		ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND		ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	105	%	70 - 130
Toluene-d8 (Surr)	100	%	70 - 130
4-Bromofluorobenzene	87	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-4
Lab Sample ID: 360-16715-10

Date Sampled: 05/23/2008 1455
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B		Date Analyzed:	05/30/2008 0112		
Prep Method: 5030B		Date Prepared:	05/30/2008 0112		
Acetone	ND	ug/L	20	50	1.0
Bromobenzene	ND	ug/L	0.64	1.0	1.0
Benzene	ND	ug/L	0.74	1.0	1.0
Bromodichloromethane	ND	ug/L	0.63	1.0	1.0
Bromochloromethane	ND	ug/L	0.78	1.0	1.0
Bromoform	ND	ug/L	0.60	1.0	1.0
Bromomethane	ND	ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND	ug/L	10	10	1.0
Carbon tetrachloride	ND	ug/L	0.71	1.0	1.0
Chlorobenzene	ND	ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND	ug/L	0.50	0.50	1.0
Chloroethane	ND	ug/L	0.40	2.0	1.0
Chloroform	ND	ug/L	0.66	1.0	1.0
Chloromethane	ND	ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND	ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND	ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND	ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND	ug/L	0.60	1.0	1.0
Dibromomethane	ND	ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND	ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND	ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND	ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND	ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND	ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND	ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND	ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND	ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND	ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND	ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND	ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND	ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND	ug/L	0.40	0.40	1.0
Ethylbenzene	ND	ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND	ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND	ug/L	0.31	1.0	1.0
1,4-Dioxane	ND *	ug/L	7.7	50	1.0
2-Hexanone	ND	ug/L	7.3	10	1.0
Hexachlorobutadiene	ND	ug/L	0.40	0.40	1.0
Isopropylbenzene	ND	ug/L	0.57	1.0	1.0

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Job Number: 360-16715-1

Client Sample ID: SW-4
Lab Sample ID: 360-16715-10

Date Sampled: 05/23/2008 1455
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	ug/L	8.5	10	1.0
Methylene Chloride	ND	ug/L	1.0	2.0	1.0
n-Butylbenzene	ND	ug/L	0.59	1.0	1.0
N-Propylbenzene	ND	ug/L	0.70	1.0	1.0
Naphthalene	ND	ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND	ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND	ug/L	0.59	1.0	1.0
o-Xylene	ND	ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND	ug/L	0.67	1.0	1.0
Styrene	ND	ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND	ug/L	0.61	1.0	1.0
Tetrachloroethene	ND	ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND	ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND	ug/L	0.58	0.50	1.0
Toluene	ND	ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND	ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND	ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND	ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND	ug/L	0.72	1.0	1.0
Trichloroethene	ND	ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND	ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND	ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND	ug/L	0.66	1.0	1.0
Vinyl chloride	ND	ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND	ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	109	%	70 - 130
Toluene-d8 (Surr)	97	%	70 - 130
4-Bromofluorobenzene	104	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 8270C Date Analyzed: 06/03/2008 0520
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.11	3.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	83	%	15 - 110
2-Fluorobiphenyl	74	%	30 - 130
2-Fluorophenol	29	%	15 - 110
Nitrobenzene-d5	76	%	30 - 130

Jeffery Thelen
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Job Number: 360-16715-1

Client Sample ID: SW-4
Lab Sample ID: 360-16715-10

Date Sampled: 05/23/2008 1455
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	15		%		15 - 110	
Terphenyl-d14	98		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		06/04/2008 1102	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	46	B	ug/L	0.25	20	1.0
Cadmium	ND		ug/L	0.18	1.0	1.0
Chromium	ND		ug/L	0.17	5.0	1.0
Copper	ND		ug/L	1.6	10	1.0
Iron	400		ug/L	16	100	1.0
Manganese	74		ug/L	0.33	10	1.0
Sodium	11000		ug/L	65	2000	1.0
Selenium	ND		ug/L	2.2	10	1.0
Zinc	10	J	ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/28/2008 1254	
Arsenic	0.51	J	ug/L	0.40	1.0	1.0
Lead	ND		ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/29/2008 1300	
Prep Method: 7470A			Date Prepared:		05/29/2008 1000	
Mercury	ND		ug/L	0.13	0.20	1.0

Jeffery Thelen
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Job Number: 360-16715-1

Client Sample ID: SW-4
Lab Sample ID: 360-16715-10

Date Sampled: 05/23/2008 1455
Date Received: 05/23/2008 1610
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:	05/23/2008 1939		
Turbidity	3.1	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:	05/28/2008 2150		
Sulfate	6.8	mg/L	2.0	2.0	1.0
Chloride	16	mg/L	1.0	1.0	1.0
Method: 353.2		Date Analyzed:	05/27/2008 1527		
Nitrate as N	ND	mg/L	0.050	0.050	1.0
Method: 410.4		Date Analyzed:	05/29/2008 1120		
Chemical Oxygen Demand	ND	mg/L	20	20	1.0
Method: 9012A		Date Analyzed:	06/04/2008 1117		
Prep Method: 9012A		Date Prepared:	06/03/2008 1415		
Cyanide, Total	ND	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:	05/27/2008 1631		
Alkalinity	17	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:	05/29/2008 0831		
Total Dissolved Solids	59	mg/L	10	10	1.0

DATA REPORTING QUALIFIERS

Client: Tighe & Bond

Job Number: 360-16715-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	X	Surrogate exceeds the control limits
Metals		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Login Sample Receipt Check List

Client: Tighe & Bond

Job Number: 360-16715-1

Login Number: 16715
Creator: Rinard, Kimberley A
List Number: 1

List Source: TestAmerica Westfield

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	1.3 C / 5.9 C
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tighe + Bond
53 Southampton Rd.
Westfield, MA

Job Number: A-0308
Sampling Location: SW-11

Contact: JST
Collected By: AM
Date: 5/23/08
Time Collected: 0905

Weather: Sunny 70°F

Sampling Method:

Surface: ✓
Stainless Steel Bucket:
Bottle: ✓
Other:

Sample Type: Grab: ✓
Composite: _____ If so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L	—	Time Analyzed
6.38	5.98	398.1	15.8°C	—	—	0915

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
pl Liter	1	4.0°	Alk, NO3, TDS, Cl, SO4, Turb	—
250ml pl	1	HNO3 / 1ml	Diss Metals	<2
250ml pl	1	H2SO4 / 1ml	COD	<2
250ml pl	1	NaOH / 1ml	T. CN	>12
40ml VOA	4	HCL / 0.5ml	VOA 8260	<2
Amber Liter	2	4.0°	1,4-Dioxane	—

If sample was taken for dissolved metals, were these samples field filtered? Yes

Date: 5/23/08 Time: 0910 By: AM Filter Pore Size & Type: .45µ Gelman

General Notes:

Hach pH meter calibrated 4.0/7.0/10.0 w/ buffers
YSI 85 calibrated to 91.8% @ 1000' for DO,
" " " to 1410 µhos/cm for Spec Cond.

STI-WESTFIELD

BL-Field-007 7/18/06

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tighe & Bond
53 Southampton Rd
Westfield, Ma

Job Number: A-0308
Sampling Location: SW-13

Contact: JJT
Collected By: AM
Date: 5/23/08
Time Collected: 0950

Weather: Sunny 70°F

Sampling Method:

Surface: ✓
Stainless Steel Bucket:
Bottle: ✓
Other:

Sample Type: Grab: ✓
Composite: if so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L	–	Time Analyzed
6.49	6.99	323.5	14.4	–	–	1000

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
pl. liter	1	4.0°	See page 63 for analysis	–
250ml pl	1	HNO^3/1ml		<2
250ml pl	1	H_2SO^4/1ml		<2
250ml pl	1	NAOH/1ml		>12
40ml vial	4	HCL/0.5ml		<2
Amber liter	8	4.0°		–

If sample was taken for dissolved metals, were these samples field filtered? Yes

Date: 5/23/08 Time: 1000 By: AM Filter Pore Size & Type: .45µm Gelman

General Notes:

See page 63 for calibrations.

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tighe & Bond
Westfield, MA

Job Number: A-0308
Sampling Location: SW-5

Contact: JST
Collected By: AM
Date: 5/23/08
Time Collected: 1045

Weather: Sunny 70°F

Sampling Method:

Surface: ✓
Stainless Steel Bucket:
Bottle: ✓
Other:

Sample Type: Grab: ✓
Composite: if so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L	–	Time Analyzed
6.70	7.01	127.1	15.4°C	–	–	1055

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
pl. liter	1	4.00	See page 63 for analysis	–
250ml/pl	1	HNO3		<2
250ml/pl	1	H2SO4		<2
250ml/pl	1	NAOH		>12
40ml/vial	4	HCL		<2
Amber liter	2	4.00		–

If sample was taken for dissolved metals, were these samples field filtered? Yes

Date: 5/23/08 Time: 1055 By: AM Filter Pore Size & Type: .45µm Cellulose

General Notes:

See page 63 for calibration

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tighe & Bond
53 Southampton Rd
Westfield, MA

Job Number: A-0308
Sampling Location: SW-8

Contact: JJT
Collected By: AM
Date: 5/23/08
Time Collected: 1150

Weather: Sunny 70°F

Sampling Method:

Surface: ✓
Stainless Steel Bucket:
Bottle: ✓
Other:

Sample Type: Grab: ✓
Composite: if so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L	—	Time Analyzed
6.41	4.84	357.9	14.1	—	—	

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
pl. Liter	1	4°C	See page 63 for analysis	—
250ml pl	1	HNO3		<2
250ml pl	1	H2SO4		<2
250ml pl	1	NAOH		>12
40ml vial	4	HCL		<2
Amber liter	2	4.0°		—

If sample was taken for dissolved metals, were these samples field filtered? Yes

Date: 5/23/08 Time: 1200 By: AM Filter Pore Size & Type: .45µm Gelman

General Notes:

See page

STL WESTFIELD

BL-Field-007 7/18/06 66

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tighe & Bond
53 Southampton Rd
Westfield MS

Job Number: A-0308
Sampling Location: SW-17

Contact: J.J.T.
Collected By: AM
Date: 5/23/06
Time Collected: 1220

Weather: Sunny 70°F

Sampling Method:

Surface: ✓
Stainless Steel Bucket:
Bottle: ✓
Other:

Sample Type: Grab: ✓
Composite: if so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L		Time Analyzed
6.38	3.33	312.9	15.1°	–	–	1230

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
plastic	1	4°C	See page C3 for analytes	–
250ml poly	1	HNO3		<2
250ml poly	1	H2SO4		<2
250ml poly	1	NaOH		>12
40ml vial	4	HCL		<2
Amber liter	2	4°C		–

If sample was taken for dissolved metals, were these samples field filtered? Yes.

Date: 5/23/06 Time: By: AM Filter Pore Size & Type: .45µ bel/mem

General Notes:
See page C3 for calibrations

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tighe & Bond
52 Southampton Rd
Westfield, Ma

Job Number: A-0308
Sampling Location: SW-15

Contact: JJT

Collected By: AM

Date: 5/22/08

Time Collected: 1245

Weather: Sunny 70°F

Sampling Method:

Surface: ✓

Stainless Steel Bucket:

Bottle: ✓

Other:

Sample Type: Grab: ✓

Composite: if so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L		Time Analyzed
6.62	.75	355.5	20.0	–	–	1252

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
pl. liter	1	4.0°	See page 63 for analysis	–
250ml pl	1	HNO_3		<2
250ml pl	1	H_2SO_4		<2
250ml pl	1	NAOH		>12
40ml vial	4	HCL		<2
Amber liter	~~2~~ 1	4.0°		–

If sample was taken for dissolved metals, were these samples field filtered? Yes

Date: 5/22/08 Time: 1252 By: AM Filter Pore Size & Type: .45µ Cellulose

General Notes:

See page 63 for calibration)

* dug hole and let fill for 10-15 minutes before add to sample. Samples have sediment in them.

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tighe & Bond
53 Southampton Rd
Westfield, MA

Job Number: A-0308
Sampling Location: SW-6

Contact: JJT
Collected By: AM
Date: 5/23/08
Time Collected: 1340

Weather: SUNNY 70°F

Sampling Method:

Surface: ✓
Stainless Steel Bucket:
Bottle: ✓
Other:

Sample Type: Grab: ✓
Composite: if so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L		Time Analyzed
6.28	4.60	~~139.8~~ cm 293.3	20.3	—	—	1344

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
PL-LITER	1	4.0°C	SEE PAGE 63	—
250mL pl	1	HNO3	FOR ANALYSIS	<2
250mL pl	1	H2SO4		<2
250mL pl	1	NaOH		712
40mL vial	4	HCl		<2
AMBER LITER	2	4.0°C		—

If sample was taken for dissolved metals, were these samples field filtered? Yes

Date: 5/23/08 Time: 1345 By: AM Filter Pore Size & Type: .45µ bilmen

General Notes:

See page 13 for calibrations

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tighe & Bond
53 Southampton Rd
Westfield, Ma

Job Number: A-0308
Sampling Location: SW-14

Contact: JJT
Collected By: AM/CM
Date: 5/23/08
Time Collected: 1425

Weather: Sunny 70°F

Sampling Method:

Surface: ✓
Stainless Steel Bucket:
Bottle: ✓
Other:

Sample Type: Grab: ✓
Composite: if so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L	–	Time Analyzed
6.52	3.23	408.4	15.8°C	–	–	1435

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
pl. liter	1	4°C	See page 63 for analyses	–
250ml pl.	1	HNO3		<2
250ml pl	1	H2SO4		<2
250ml pl	1	NaOH		>12
40ml vial	4	HCl		<2
Amber Liter	2	4°C		–

If sample was taken for dissolved metals, were these samples field filtered? Yes

Date: 5/23/08 Time: 1435 By: AM Filter Pore Size & Type: .45µ Gelman

General Notes:
See page 63 for calibration!

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tighe + Bond
63 Southampton Rd.
Westfield, Ma

Job Number: A-0308
Sampling Location: SW-4

Contact: JJT
Collected By: AM
Date: 5/23/08
Time Collected: 1455

Weather: Sunny 70's

Sampling Method:

Surface: ✓
Stainless Steel Bucket:
Bottle: ✓
Other:

Sample Type: Grab: ✓
Composite: if so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L	—	Time Analyzed
7.15	7.22	105.8	18.7°C	—	—	1505

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
pl. liter	1	4.0	See page 63 for analysis	—
250ml pl	1	HNO3		<2
250ml pl	1	H2SO4		<2
250ml pl	1	NAOH		>12
40ml vial	4	HCL		<2
Amber liter	2	4.0°		—

If sample was taken for dissolved metals, were these samples field filtered? Yes

Date: 5/23/08 Time: 1505 By: AM Filter Pore Size & Type: .45µ bilmen

General Notes:
See page 63 for calibration

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Form

•53 Southampton Road
Westfield, MA 01085
(P) 413-572-4000
(F) 413-572-3707
Westfield

•148 Rangeway Road
N. Billerica, MA 01862
(P) 978-667-1400
(F) 978-667-7871
Boston - Service Center

Job#: 360-16715 | Quote# | PO#

Client: Tighe & Bond
Address: 53 Southampton Rd, Westfield, MA
Phone: 562-1600 Fax:

Client Project #: A-0008
Site ID & State: Amherst, MA
Reports Sent To: Jeff Thelen
Email: Email Rpt: ☐

Shaded areas for TALNE use
Invoice same as Report to? ☐
If invoice contact or address different, note in Comments

Comments (Special Instructions)

Requested Turnaround Time (PLEASE SPECIFY)
STANDARD _____ RUSH _____ (Lab Approval Required)

Regulatory Programs/Presumptive Certainty/QC Forms
MADEP MCP ☐ GW1/S1 ☐ PWS DEP Forms ☐
CTDEP RCP ☐ CT RSR ☐ EDD Required ☐
QA Rpt: No QC ☐ Std QC Rpt ☐ CLP QC Rpt: ☐

500-series for drinking water
600-series for waste water, NPDES
6000-series for groundwater, soil, waste
8000-series for groundwater, soil, waste
Use comments section to further define.

Please print legibly. If the analytical requests are not clearly defined on the chain-of-custody, the turnaround time will begin after all questions have been satisfactorily answered.

Sample Type Codes: WW-Wastewater, DW-Drinking Water, SW-Surface Water, GW-Groundwater, LW Lab Water, A-Air, "Z"-Other (please specify)

Sample I.D.	Sample Type	Sampler's Initials	Date Time Collected	Grab	Comp.	# Containers	Plastic(P) or Glass(G)	Preservative: NaHSO4/MeOH	HNO3 to pH <2	H2SO4 to pH <2	HCl to pH <2	NaOH to pH >12	Na2S2O3	None / 4° C	8260 / 624	8270 / 625	PCB / Pest / Herbicide	EPH / VPH	DRO / GRO / ETPH	Metals (Please Specify)	Mercury	General Chemistry	Bacteriological	Toxicity			
SW-11	SW	AM	5/23/08 0905	✓		10	P/G		X	X	X	X		X	✓	✓				✓		✓					
SW-13	SW	AM	5/23/08 0950	✓		10	P/G		X	X	X	X		X	✓	✓				✓		✓					
SW-5	SW	AM	5/23/08 1045	✓		10	P/G		X	X	X	X		X	✓	✓				✓		✓					
SW-8	SW	AM	5/23/08 1150	✓		10	P/G		X	X	X	X		X	✓	✓				✓		✓					
SW-17	SW	AM	5/23/08 1220	✓		10	P/G		X	X	X	X		X	✓	✓				✓		✓					
SW-15	SW	AM	5/23/08 1245	✓		10	P/G		X	X	X	X		X	✓	✓				✓		✓					
SW-6	SW	AM	5/23/08 1340	✓		10	P/G		X	X	X	X		X	✓	✓				✓		✓					
SW-14	SW	CM	5/23/08 1425	✓		10	P/G		X	X	X	X		X	✓	✓				✓		✓					
Trip Blank	LW	AM	5/23/08	✓		2	G				X				✓												

Comments:
- pH-fd, Temp-fd, D.O-fd, Spec-fd
- Alk, NO_3, TDS, Cl, SO_4, Turb
- D.ss: As, Ba, Cd, Cr, Cu, Fe, Mn, Pb, Hg, Se, Zn As, ~~Hard~~
- COD
- T. CN
- VOA 8260 + Acetone, MEK, MIBK, MTBE, Xylenes
- 1,4 Dioxane

5/23/08 KMM

Sampled by (print): Adam Marshall
Signature:

Relinquished by: Date: 5/23/08 Time: 1610
Received by: Date: 5/23/08 Time: 1610

Relinquished by: Date: Time:
Received by: Date: Time:

Relinquished by: Date: Time:
Received by: Date: Time:

Cooler? Y / N
MADEP Requirement: Samples iced? Y / N
Temp @ receipt: 1.3°C / 5.9°C
Preservation / pH checked? Y / N
By: MAY Date: 5/23/08

WESTFIELD

Page ~~1~~ of ~~1~~ 5/27/08

1 of 2

White = Lab file Yellow = Report copy Pink = Customer copy

TAL-8245(1007)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Form

53 Southampton Road
Westfield, MA 01085
(P) 413-572-4000
(F) 413-572-3707
Westfield

•146 Rangeway Road
N. Billerica, MA 01862
(P) 978-667-1400
(F) 978-667-7871
Boston - Service Center

Client: Tighe + Bond
Address: 53 Southampton Rd, Westfield, MA
Phone: (413) 562-1600 Fax:

Client Project #: A-0308
Site ID & State: Amherst, MA
Reports Sent To: Jeff Thelen
Email: Email Rpt: ☐

Job# 360-16715 Quote# PO#

Shaded areas for office use.
Invoice same as Report to? ☐
If Invoice contact or address different, note in *Comments*

Comments (Special Instructions)

Please print legibly. If the analytical requests are not clearly defined on the chain-of-custody, the turnaround time will begin after all questions have been satisfactorily answered.

Requested Turnaround Time (PLEASE SPECIFY)
STANDARD _____ RUSH _____ (Lab Approval Required)

Regulatory Programs/Presumptive Certainty/QC Forms
MADEP MCP ☐ GW1/S1 ☐ PWS DEP Forms ☐
CTDEP RCP ☐ CT RSR ☐ EDD Required ☐
QA Rpt: No QC ☐ Std QC Rpt ☐ CLP QC Rpt: ☐

500-series for drinking water
600-series for waste water, NPDES
6000-series for groundwater, soil, waste
8000-series for groundwater, soil, waste
Use comments section to further define.

Sample Type Codes: WW-Wastewater, DW-Drinking Water, SW-Surface Water, GW-Groundwater, LW Lab Water, A-Air, "Z"-Other (please specify)

Sample I.D.	Sample Type	Sampler's Initials	Date Time Collected	Grab	Comp.	# Containers	Plastic(P) or Glass(G)	Preservative: NaHSO4/MeOH	HNO3 to pH <2	H2SO4 to pH <2	HCl to pH <2	NaOH to pH >12	Na2S2O3	None / 4ºC	524 / 624 / 8260	525 / 625 / 8270	PCB / Pest / Herbicide	EPH / VPH	DRO / GRO / ETPH	Metals (Please Specify)	Mercury	General Chemistry	Bacteriological	Toxicity
SW-4	SW	AM	5/23/08 1455			10	G		X	X	X	X		X	✓					✓		✓		

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5/23/08

KAM

Comments:
- ph_fd, Temp_fd, D.O._fd Spec_fd
- Alk, NO_3, TDS, CL, SO_4, Turb
- Diss: As, Ba, Cd, Cr, Cu, Fe, Mn Pb, Hg, Se, Zn, Ag
- COD
- T CN
- VOA 8260 + Acetone, MEK MIBK, MTBE, Xylenes
- 1,4 Dioxane

Sampled by (print): Signature:

Cooler ? (Y) / N MADEP Requirement Samples Iced? (Y) / N

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	5/23/08	1615	[signature]	5/23/08	1610
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Temp @ receipt: 1.3°C / 5.9°C °C
Preservation / pH checked? (Y) / N
By: KAM Date: 5/23/08

WESTFIELD

Page 2 of 2

White = Lab file Yellow = Report copy Pink = Customer copy

TAL-8245(1007)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

SW-10
SW-1
SW-2
SW-9 ✓
SW-12

RECEIVED
JUN 0 4 2008
TIGHE & BOND

ANALYTICAL REPORT

Job Number: 360-16692-1

Job Description: A-0308

For:
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Attention: Jeffery Thelen

Joseph A. Chiarello

Designee for
Lisa A Worthington
Project Manager II
lisa.worthington@testamericainc.com
06/04/2008

The test results in this report meet all NELAC requirements for accredited parameters. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. TestAmerica Westfield Certifications and Approvals: MADEP MA014, RIDOH57, CTDPH 0494, VT DECWSD, NH DES 253903-A, NELAP FL E87912 TOX, NELAP NJ MA008 TOX, NELAP NY 10843, NY DOH 10843.

TestAmerica Laboratories, Inc.
TestAmerica Westfield Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085
Tel (413) 572-4000 Fax (413) 572-3707 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Job Narrative
360-J16692-1

Method 8260B: The following sample was diluted due to sample foaming: 360-16692-2. Elevated reporting limits (RLs) are provided.

Method 6010B: The method blank for batch 32312 contained Selenium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

METHOD SUMMARY

Client: Tighe & Bond

Job Number: 360-16692-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL WFD	SW846 8260B	
Purge-and-Trap	TAL WFD		SW846 5030B
Semivolatile Organic Compounds by GCMS - Low Levels	TAL WFD	SW846 8270C	
Separatory Funnel Liquid-Liquid Extraction	TAL WFD		SW846 3510C
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL WFD	SW846 6010B	
Sample Filtration performed in the Field	TAL WFD		FIELD_FLTRD
Inductively Coupled Plasma - Mass Spectrometry	TAL WFD	SW846 6020	
Sample Filtration performed in the Field	TAL WFD		FIELD_FLTRD
Mercury in Liquid Waste (Manual Cold Vapor Technique)	TAL WFD	SW846 7470A	
Sample Filtration performed in the Field	TAL WFD		FIELD_FLTRD
Mercury in Liquid Waste (Manual Cold Vapor	TAL WFD		SW846 7470A
Turbidity, Nephelometric	TAL WFD	MCAWW 180.1	
Anions by Ion Chromatography	TAL WFD	MCAWW 300.0	
Anions by Ion Chromatography	TAL WFD	MCAWW 300.0	
Chemical Oxygen Demand (Colorimetric, Automated; Manual)	TAL WFD	MCAWW 410.4	
Total Cyanide (Automated Colorimetric]	TAL WFD	SW846 9012A	
Total and Amenable Cyanide (Auto. Colorimetric	TAL WFD		SW846 9012A
Alkalinity, Titration Method	TAL WFD	SM SM 2320B	
Total Dissolved Solids (Dried at 180 °C)	TAL WFD	SM SM 2540C	

Lab References:

TAL WFD = TestAmerica Westfield

Method References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Tighe & Bond

Job Number: 360-16692-1

Method	Analyst	Analyst ID
SW846 8260B	Tester, Carla	CT
SW846 8270C	Sullivan, Pat J	PJS
SW846 6010B	Nasiatka, Ellen M	EMN
SW846 6020	Balicki, Charles W	CWB
SW846 7470A	Balicki, Charles W	CWB
MCAWW 180.1	Emerich, Rich W	RWE
MCAWW 300.0	Lalashius, Andrew L	ALL
MCAWW 410.4	Emerich, Rich W	RWE
SW846 9012A	Lalashius, Andrew L	ALL
SM SM 2320B	Emerich, Rich W	RWE
SM SM 2540C	Sadowski, Scott	SS

SAMPLE SUMMARY

Client: Tighe & Bond

Job Number: 360-16692-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
360-16692-1	SW-10	Water	05/22/2008 1050	05/22/2008 1550
360-16692-2	SW-1	Water	05/22/2008 1140	05/22/2008 1550
360-16692-3	SW-9	Water	05/22/2008 1205	05/22/2008 1550
360-16692-4	SW-2	Water	05/22/2008 1300	05/22/2008 1550
360-16692-5	SW-12	Water	05/22/2008 1330	05/22/2008 1550
360-16692-6TB	Trip Blank	Water	05/22/2008 1050	05/22/2008 1550

Jeffery Thelen
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Job Number: 360-16692-1

Client Sample ID: SW-10
Lab Sample ID: 360-16692-1

Date Sampled: 05/22/2008 1050
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/28/2008 2115		
Prep Method: 5030B			Date Prepared:	05/28/2008 2115		
Acetone	ND	*	ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND		ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

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Job Number: 360-16692-1

Client Sample ID: SW-10
Lab Sample ID: 360-16692-1

Date Sampled: 05/22/2008 1050
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	ug/L	8.5	10	1.0
Methylene Chloride	ND	ug/L	1.0	2.0	1.0
n-Butylbenzene	ND	ug/L	0.59	1.0	1.0
N-Propylbenzene	ND	ug/L	0.70	1.0	1.0
Naphthalene	ND	ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND	ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND	ug/L	0.59	1.0	1.0
o-Xylene	ND	ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND	ug/L	0.67	1.0	1.0
Styrene	ND	ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND	ug/L	0.61	1.0	1.0
Tetrachloroethene	ND	ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND	ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND	ug/L	0.58	0.50	1.0
Toluene	ND	ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND	ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND	ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND	ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND	ug/L	0.72	1.0	1.0
Trichloroethene	ND	ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND	ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND	ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND	ug/L	0.66	1.0	1.0
Vinyl chloride	ND	ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND	ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	95	%	70 - 130
Toluene-d8 (Surr)	104	%	70 - 130
4-Bromofluorobenzene	87	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 8270C Date Analyzed: 06/02/2008 2311
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.11	3.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	71	%	15 - 110
2-Fluorobiphenyl	70	%	30 - 130
2-Fluorophenol	28	%	15 - 110
Nitrobenzene-d5	66	%	30 - 130

Jeffery Thelen
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Job Number: 360-16692-1

Client Sample ID: SW-10
Lab Sample ID: 360-16692-1

Date Sampled: 05/22/2008 1050
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	15		%		15 - 110	
Terphenyl-d14	95		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		05/23/2008 0931	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	26		ug/L	0.25	10	1.0
Cadmium	0.70	J	ug/L	0.18	1.0	1.0
Chromium	ND		ug/L	0.17	5.0	1.0
Copper	ND		ug/L	1.6	10	1.0
Iron	180		ug/L	16	100	1.0
Manganese	22		ug/L	0.33	10	1.0
Selenium	ND		ug/L	2.2	10	1.0
Zinc	10	J	ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/27/2008 1206	
Arsenic	ND		ug/L	0.40	1.0	1.0
Lead	0.62	J	ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/28/2008 1403	
Prep Method: 7470A			Date Prepared:		05/27/2008 0800	
Mercury	ND		ug/L	0.13	0.20	1.0

Jeffery Thelen
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Job Number: 360-16692-1

Client Sample ID: SW-10
Lab Sample ID: 360-16692-1

Date Sampled: 05/22/2008 1050
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:	05/23/2008 1132		
Turbidity	2.2	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:	05/23/2008 0145		
Nitrate as N	0.082	mg/L	0.050	0.050	1.0
Sulfate	7.3	mg/L	2.0	2.0	1.0
Chloride	16	mg/L	1.0	1.0	1.0
Method: 410.4		Date Analyzed:	05/29/2008 1120		
Chemical Oxygen Demand	25	mg/L	20	20	1.0
Method: 9012A		Date Analyzed:	05/23/2008 1630		
Prep Method: 9012A		Date Prepared:	05/23/2008 1355		
Cyanide, Total	ND	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:	05/22/2008 1809		
Alkalinity	14	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:	05/23/2008 1454		
Total Dissolved Solids	130	mg/L	5.0	5.0	1.0

Jeffery Thelen
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Job Number: 360-16692-1

Client Sample ID: SW-1
Lab Sample ID: 360-16692-2

Date Sampled: 05/22/2008 1140
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/28/2008 2145		
Prep Method: 5030B			Date Prepared:	05/28/2008 2145		
Acetone	ND	*	ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND		ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

Jeffery Thelen
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Job Number: 360-16692-1

Client Sample ID: SW-1
Lab Sample ID: 360-16692-2

Date Sampled: 05/22/2008 1140
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	ug/L	8.5	10	1.0
Methylene Chloride	ND	ug/L	1.0	2.0	1.0
n-Butylbenzene	ND	ug/L	0.59	1.0	1.0
N-Propylbenzene	ND	ug/L	0.70	1.0	1.0
Naphthalene	ND	ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND	ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND	ug/L	0.59	1.0	1.0
o-Xylene	ND	ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND	ug/L	0.67	1.0	1.0
Styrene	ND	ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND	ug/L	0.61	1.0	1.0
Tetrachloroethene	ND	ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND	ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND	ug/L	0.58	0.50	1.0
Toluene	ND	ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND	ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND	ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND	ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND	ug/L	0.72	1.0	1.0
Trichloroethene	ND	ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND	ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND	ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND	ug/L	0.66	1.0	1.0
Vinyl chloride	ND	ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND	ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	99	%	70 - 130
Toluene-d8 (Surr)	104	%	70 - 130
4-Bromofluorobenzene	88	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 8270C Date Analyzed: 06/02/2008 2339
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.11	3.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	85	%	15 - 110
2-Fluorobiphenyl	76	%	30 - 130
2-Fluorophenol	30	%	15 - 110
Nitrobenzene-d5	74	%	30 - 130

Jeffery Thelen
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Job Number: 360-16692-1

Client Sample ID: SW-1
Lab Sample ID: 360-16692-2

Date Sampled: 05/22/2008 1140
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	16		%		15 - 110	
Terphenyl-d14	101		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		05/23/2008 0942	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	150		ug/L	0.25	10	1.0
Cadmium	ND		ug/L	0.18	1.0	1.0
Chromium	0.71	J	ug/L	0.17	5.0	1.0
Copper	3.0	J	ug/L	1.6	10	1.0
Iron	1600		ug/L	16	100	1.0
Manganese	200		ug/L	0.33	10	1.0
Selenium	ND		ug/L	2.2	10	1.0
Zinc	62		ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/27/2008 1213	
Arsenic	1.0		ug/L	0.40	1.0	1.0
Lead	ND		ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/28/2008 1408	
Prep Method: 7470A			Date Prepared:		05/27/2008 0800	
Mercury	ND		ug/L	0.13	0.20	1.0

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Job Number: 360-16692-1

Client Sample ID: SW-1
Lab Sample ID: 360-16692-2

Date Sampled: 05/22/2008 1140
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:		05/23/2008 1133	
Turbidity	15	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:		05/22/2008 2344	
Nitrate as N	0.067	mg/L	0.050	0.050	1.0
Sulfate	3.7	mg/L	2.0	2.0	1.0
Chloride	19	mg/L	1.0	1.0	1.0
Method: 410.4		Date Analyzed:		05/29/2008 1120	
Chemical Oxygen Demand	35	mg/L	20	20	1.0
Method: 9012A		Date Analyzed:		05/28/2008 1548	
Prep Method: 9012A		Date Prepared:		05/28/2008 1335	
Cyanide, Total	ND	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:		05/22/2008 1753	
Alkalinity	52	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:		05/23/2008 1454	
Total Dissolved Solids	130	mg/L	5.0	5.0	1.0

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Job Number: 360-16692-1

Client Sample ID: SW-9
Lab Sample ID: 360-16692-3

Date Sampled: 05/22/2008 1205
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/28/2008 2214		
Prep Method: 5030B			Date Prepared:	05/28/2008 2214		
Acetone	ND	*	ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND		ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

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Job Number: 360-16692-1

Client Sample ID: SW-9
Lab Sample ID: 360-16692-3

Date Sampled: 05/22/2008 1205
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	ug/L	8.5	10	1.0
Methylene Chloride	ND	ug/L	1.0	2.0	1.0
n-Butylbenzene	ND	ug/L	0.59	1.0	1.0
N-Propylbenzene	ND	ug/L	0.70	1.0	1.0
Naphthalene	ND	ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND	ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND	ug/L	0.59	1.0	1.0
o-Xylene	ND	ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND	ug/L	0.67	1.0	1.0
Styrene	ND	ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND	ug/L	0.61	1.0	1.0
Tetrachloroethene	ND	ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND	ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND	ug/L	0.58	0.50	1.0
Toluene	ND	ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND	ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND	ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND	ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND	ug/L	0.72	1.0	1.0
Trichloroethene	ND	ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND	ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND	ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND	ug/L	0.66	1.0	1.0
Vinyl chloride	ND	ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND	ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	95	%	70 - 130
Toluene-d8 (Surr)	104	%	70 - 130
4-Bromofluorobenzene	88	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 8270C Date Analyzed: 06/03/2008 0008
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.11	3.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	72	%	15 - 110
2-Fluorobiphenyl	78	%	30 - 130
2-Fluorophenol	30	%	15 - 110
Nitrobenzene-d5	76	%	30 - 130

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Job Number: 360-16692-1

Client Sample ID: SW-9
Lab Sample ID: 360-16692-3

Date Sampled: 05/22/2008 1205
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	16		%		15 - 110	
Terphenyl-d14	106		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		05/23/2008 0950	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	230		ug/L	0.25	10	1.0
Cadmium	ND		ug/L	0.18	1.0	1.0
Chromium	ND		ug/L	0.17	5.0	1.0
Copper	ND		ug/L	1.6	10	1.0
Iron	30	J	ug/L	16	100	1.0
Manganese	320		ug/L	0.33	10	1.0
Selenium	ND		ug/L	2.2	10	1.0
Zinc	12	J	ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/27/2008 1215	
Arsenic	ND		ug/L	0.40	1.0	1.0
Lead	ND		ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/28/2008 1410	
Prep Method: 7470A			Date Prepared:		05/27/2008 0800	
Mercury	ND		ug/L	0.13	0.20	1.0

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Job Number: 360-16692-1

Client Sample ID: SW-9
Lab Sample ID: 360-16692-3

Date Sampled: 05/22/2008 1205
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:	05/23/2008 1134		
Turbidity	3.1	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:	05/23/2008 0044		
Nitrate as N	1.7	mg/L	0.050	0.050	1.0
Sulfate	14	mg/L	2.0	2.0	1.0
Method: 300.0		Date Analyzed:	05/23/2008 0100		
Chloride	95	mg/L	10	10	10
Method: 410.4		Date Analyzed:	05/29/2008 1120		
Chemical Oxygen Demand	ND	mg/L	20	20	1.0
Method: 9012A		Date Analyzed:	05/28/2008 1551		
Prep Method: 9012A		Date Prepared:	05/28/2008 1335		
Cyanide, Total	ND	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:	05/22/2008 1804		
Alkalinity	43	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:	05/23/2008 1454		
Total Dissolved Solids	280	mg/L	5.0	5.0	1.0

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Job Number: 360-16692-1

Client Sample ID: SW-2
Lab Sample ID: 360-16692-4

Date Sampled: 05/22/2008 1300
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/29/2008 2019		
Prep Method: 5030B			Date Prepared:	05/29/2008 2019		
Acetone	ND		ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND	*	ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND	*	ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

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Job Number: 360-16692-1

Client Sample ID: SW-2
Lab Sample ID: 360-16692-4

Date Sampled: 05/22/2008 1300
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	*	ug/L	8.5	10	1.0
Methylene Chloride	ND		ug/L	1.0	2.0	1.0
n-Butylbenzene	ND		ug/L	0.59	1.0	1.0
N-Propylbenzene	ND		ug/L	0.70	1.0	1.0
Naphthalene	ND		ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND		ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND		ug/L	0.59	1.0	1.0
o-Xylene	ND		ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND		ug/L	0.67	1.0	1.0
Styrene	ND		ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND		ug/L	0.61	1.0	1.0
Tetrachloroethene	ND		ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND		ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND		ug/L	0.58	0.50	1.0
Toluene	ND		ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND		ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND		ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND		ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND		ug/L	0.72	1.0	1.0
Trichloroethene	ND		ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND		ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND		ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND		ug/L	0.66	1.0	1.0
Vinyl chloride	ND		ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND		ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	100	%	70 - 130
Toluene-d8 (Surr)	105	%	70 - 130
4-Bromofluorobenzene	88	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 8270C Date Analyzed: 06/03/2008 0036
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.11	3.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	78	%	15 - 110
2-Fluorobiphenyl	80	%	30 - 130
2-Fluorophenol	29	%	15 - 110
Nitrobenzene-d5	74	%	30 - 130

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Job Number: 360-16692-1

Client Sample ID: SW-2
Lab Sample ID: 360-16692-4

Date Sampled: 05/22/2008 1300
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	15		%		15 - 110	
Terphenyl-d14	123		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		05/23/2008 0952	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	120		ug/L	0.25	10	1.0
Cadmium	0.26	J	ug/L	0.18	1.0	1.0
Chromium	ND		ug/L	0.17	5.0	1.0
Copper	ND		ug/L	1.6	10	1.0
Iron	110		ug/L	16	100	1.0
Manganese	170		ug/L	0.33	10	1.0
Selenium	ND		ug/L	2.2	10	1.0
Zinc	8.9	J	ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/27/2008 1218	
Arsenic	0.65	J	ug/L	0.40	1.0	1.0
Lead	ND		ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/28/2008 1411	
Prep Method: 7470A			Date Prepared:		05/27/2008 0800	
Mercury	ND		ug/L	0.13	0.20	1.0

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Job Number: 360-16692-1

Client Sample ID: SW-2
Lab Sample ID: 360-16692-4

Date Sampled: 05/22/2008 1300
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:		05/23/2008 1135	
Turbidity	6.1	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:		05/23/2008 0014	
Nitrate as N	0.32	mg/L	0.050	0.050	1.0
Sulfate	11	mg/L	2.0	2.0	1.0
Method: 300.0		Date Analyzed:		05/23/2008 0029	
Chloride	80	mg/L	10	10	10
Method: 410.4		Date Analyzed:		05/29/2008 1120	
Chemical Oxygen Demand	21	mg/L	20	20	1.0
Method: 9012A		Date Analyzed:		05/28/2008 1552	
Prep Method: 9012A		Date Prepared:		05/28/2008 1335	
Cyanide, Total	ND	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:		05/22/2008 1758	
Alkalinity	42	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:		05/23/2008 1454	
Total Dissolved Solids	260	mg/L	5.0	5.0	1.0

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Job Number: 360-16692-1

Client Sample ID: SW-12
Lab Sample ID: 360-16692-5

Date Sampled: 05/22/2008 1330
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/29/2008 2048		
Prep Method: 5030B			Date Prepared:	05/29/2008 2048		
Acetone	ND		ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND	*	ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND	*	ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

Jeffery Thelen
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Job Number: 360-16692-1

Client Sample ID: SW-12
Lab Sample ID: 360-16692-5

Date Sampled: 05/22/2008 1330
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	*	ug/L	8.5	10	1.0
Methylene Chloride	ND		ug/L	1.0	2.0	1.0
n-Butylbenzene	ND		ug/L	0.59	1.0	1.0
N-Propylbenzene	ND		ug/L	0.70	1.0	1.0
Naphthalene	ND		ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND		ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND		ug/L	0.59	1.0	1.0
o-Xylene	ND		ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND		ug/L	0.67	1.0	1.0
Styrene	ND		ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND		ug/L	0.61	1.0	1.0
Tetrachloroethene	ND		ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND		ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND		ug/L	0.58	0.50	1.0
Toluene	ND		ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND		ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND		ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND		ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND		ug/L	0.72	1.0	1.0
Trichloroethene	ND		ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND		ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND		ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND		ug/L	0.66	1.0	1.0
Vinyl chloride	ND		ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND		ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	99	%	70 - 130
Toluene-d8 (Surr)	105	%	70 - 130
4-Bromofluorobenzene	86	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 8270C Date Analyzed: 06/03/2008 0104
Prep Method: 3510C Date Prepared: 05/28/2008 1334

1,4-Dioxane	ND	ug/L	0.11	3.0	1.0

Surrogate			Acceptance Limits
2,4,6-Tribromophenol	88	%	15 - 110
2-Fluorobiphenyl	81	%	30 - 130
2-Fluorophenol	32	%	15 - 110
Nitrobenzene-d5	78	%	30 - 130

Jeffery Thelen
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Job Number: 360-16692-1

Client Sample ID: SW-12
Lab Sample ID: 360-16692-5

Date Sampled: 05/22/2008 1330
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Phenol-d5	17		%		15 - 110	
Terphenyl-d14	107		%		30 - 130	
Method: Dissolved-6010B			Date Analyzed:		05/23/2008 0955	
Silver	ND		ug/L	0.86	5.0	1.0
Barium	120		ug/L	0.25	10	1.0
Cadmium	ND		ug/L	0.18	1.0	1.0
Chromium	ND		ug/L	0.17	5.0	1.0
Copper	ND		ug/L	1.6	10	1.0
Iron	120		ug/L	16	100	1.0
Manganese	170		ug/L	0.33	10	1.0
Selenium	ND		ug/L	2.2	10	1.0
Zinc	25	J	ug/L	2.9	50	1.0
Method: Dissolved-6020			Date Analyzed:		05/27/2008 1220	
Arsenic	0.63	J	ug/L	0.40	1.0	1.0
Lead	ND		ug/L	0.29	1.0	1.0
Method: Dissolved-7470A			Date Analyzed:		05/28/2008 1413	
Prep Method: 7470A			Date Prepared:		05/27/2008 0800	
Mercury	ND		ug/L	0.13	0.20	1.0

Jeffery Thelen
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Job Number: 360-16692-1

Client Sample ID: SW-12
Lab Sample ID: 360-16692-5

Date Sampled: 05/22/2008 1330
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 180.1		Date Analyzed:	05/23/2008 1136		
Turbidity	4.7	NTU	0.10	0.10	1.0
Method: 300.0		Date Analyzed:	05/23/2008 0215		
Nitrate as N	0.34	mg/L	0.050	0.050	1.0
Sulfate	11	mg/L	2.0	2.0	1.0
Method: 300.0		Date Analyzed:	05/23/2008 0230		
Chloride	79	mg/L	10	10	10
Method: 410.4		Date Analyzed:	05/29/2008 1120		
Chemical Oxygen Demand	ND	mg/L	20	20	1.0
Method: 9012A		Date Analyzed:	05/28/2008 1553		
Prep Method: 9012A		Date Prepared:	05/28/2008 1335		
Cyanide, Total	ND	mg/L	0.0060	0.0060	1.0
Method: SM 2320B		Date Analyzed:	05/22/2008 1814		
Alkalinity	42	mg/L	1.0	1.0	1.0
Method: SM 2540C		Date Analyzed:	05/23/2008 1454		
Total Dissolved Solids	230	mg/L	5.0	5.0	1.0

Jeffery Thelen
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53 Southampton Road
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Job Number: 360-16692-1

Client Sample ID: Trip Blank
Lab Sample ID: 360-16692-6

Date Sampled: 05/22/2008 1050
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/29/2008 2117		
Prep Method: 5030B			Date Prepared:	05/29/2008 2117		
Acetone	ND		ug/L	20	50	1.0
Bromobenzene	ND		ug/L	0.64	1.0	1.0
Benzene	ND		ug/L	0.74	1.0	1.0
Bromodichloromethane	ND		ug/L	0.63	1.0	1.0
Bromochloromethane	ND		ug/L	0.78	1.0	1.0
Bromoform	ND		ug/L	0.60	1.0	1.0
Bromomethane	ND		ug/L	0.28	2.0	1.0
Methyl Ethyl Ketone	ND		ug/L	10	10	1.0
Carbon tetrachloride	ND		ug/L	0.71	1.0	1.0
Chlorobenzene	ND		ug/L	0.65	1.0	1.0
Chlorodibromomethane	ND		ug/L	0.50	0.50	1.0
Chloroethane	ND		ug/L	0.40	2.0	1.0
Chloroform	ND		ug/L	0.66	1.0	1.0
Chloromethane	ND		ug/L	0.30	2.0	1.0
2-Chlorotoluene	ND		ug/L	0.65	1.0	1.0
4-Chlorotoluene	ND		ug/L	0.62	1.0	1.0
cis-1,2-Dichloroethene	ND		ug/L	0.65	1.0	1.0
trans-1,2-Dichloroethene	ND		ug/L	0.60	1.0	1.0
Dibromomethane	ND		ug/L	0.65	1.0	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.58	5.0	1.0
1,2-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,3-Dichlorobenzene	ND		ug/L	0.64	1.0	1.0
1,4-Dichlorobenzene	ND		ug/L	0.62	1.0	1.0
1,1-Dichloroethane	ND		ug/L	0.67	1.0	1.0
1,1-Dichloroethene	ND		ug/L	0.64	1.0	1.0
1,2-Dichloroethane	ND		ug/L	0.62	1.0	1.0
1,2-Dichloropropane	ND		ug/L	0.51	1.0	1.0
1,3-Dichloropropane	ND		ug/L	0.57	1.0	1.0
2,2-Dichloropropane	ND		ug/L	0.60	1.0	1.0
1,1-Dichloropropene	ND		ug/L	0.68	1.0	1.0
cis-1,3-Dichloropropene	ND		ug/L	0.40	0.40	1.0
trans-1,3-Dichloropropene	ND	*	ug/L	0.40	0.40	1.0
Ethylbenzene	ND		ug/L	0.67	1.0	1.0
Ethylene Dibromide	ND		ug/L	0.54	1.0	1.0
Trichlorofluoromethane	ND		ug/L	0.31	1.0	1.0
1,4-Dioxane	ND		ug/L	7.7	50	1.0
2-Hexanone	ND	*	ug/L	7.3	10	1.0
Hexachlorobutadiene	ND		ug/L	0.40	0.40	1.0
Isopropylbenzene	ND		ug/L	0.57	1.0	1.0

Jeffery Thelen
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53 Southampton Road
Westfield, MA 01085

Job Number: 360-16692-1

Client Sample ID: Trip Blank
Lab Sample ID: 360-16692-6

Date Sampled: 05/22/2008 1050
Date Received: 05/22/2008 1550
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
methyl isobutyl ketone	ND	*	ug/L	8.5	10	1.0
Methylene Chloride	ND		ug/L	1.0	2.0	1.0
n-Butylbenzene	ND		ug/L	0.59	1.0	1.0
N-Propylbenzene	ND		ug/L	0.70	1.0	1.0
Naphthalene	ND		ug/L	2.0	5.0	1.0
m-Xylene & p-Xylene	ND		ug/L	1.4	2.0	1.0
p-Isopropyltoluene	ND		ug/L	0.59	1.0	1.0
o-Xylene	ND		ug/L	0.54	1.0	1.0
sec-Butylbenzene	ND		ug/L	0.67	1.0	1.0
Styrene	ND		ug/L	0.60	1.0	1.0
tert-Butylbenzene	ND		ug/L	0.61	1.0	1.0
Tetrachloroethene	ND		ug/L	0.48	1.0	1.0
1,1,1,2-Tetrachloroethane	ND		ug/L	0.61	1.0	1.0
1,1,2,2-Tetrachloroethane	ND		ug/L	0.58	0.50	1.0
Toluene	ND		ug/L	0.56	1.0	1.0
1,2,3-Trichlorobenzene	ND		ug/L	0.42	1.0	1.0
1,2,4-Trichlorobenzene	ND		ug/L	0.34	1.0	1.0
1,1,1-Trichloroethane	ND		ug/L	0.70	1.0	1.0
1,1,2-Trichloroethane	ND		ug/L	0.72	1.0	1.0
Trichloroethene	ND		ug/L	0.59	1.0	1.0
1,2,3-Trichloropropane	ND		ug/L	0.65	1.0	1.0
1,2,4-Trimethylbenzene	ND		ug/L	0.70	1.0	1.0
1,3,5-Trimethylbenzene	ND		ug/L	0.66	1.0	1.0
Vinyl chloride	ND		ug/L	0.46	0.50	1.0
Methyl tert-butyl ether	ND		ug/L	0.63	1.0	1.0

Surrogate			Acceptance Limits
Dibromofluoromethane	96	%	70 - 130
Toluene-d8 (Surr)	105	%	70 - 130
4-Bromofluorobenzene	85	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

DATA REPORTING QUALIFIERS

Client: Tighe & Bond

Job Number: 360-16692-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
Metals		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Login Sample Receipt Check List

Client: Tighe & Bond

Job Number: 360-16692-1

Login Number: 16692
Creator: Rinard, Kimberley A
List Number: 1

List Source: TestAmerica Westfield

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	4.3 C
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tighe & Bond
53 Southampton Rd
Westfield, MA

Job Number: A-0308
Sampling Location: SW-10

Contact: JJT
Collected By: AM
Date: 5/22/08
Time Collected: 1050

Weather: Showers 60°F

Sampling Method:

Surface: ✓
Stainless Steel Bucket:
Bottle: ✓
Other:

Sample Type: Grab: ✓
Composite: if so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L	—	Time Analyzed
7.00	7.24	93.8	15.2°C	—	—	1059

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
pl. liter	1	4.0°	TDS, SO_4, NO_3, Cl, Alk, Turb	-
250ml pl.	1	HNO_3/1ml	Diss: Metals + Hardness	<2
250ml pl	1	NaOH/1ml	T. Cyanide	>12
250ml pl.	1	H_2SO_4/1ml	COD	<2
40ml vial	4	HCl/0.5ml	VOA 8260	<2
Amber liter	2	4.0°	Low Level 1,4-Dioxane	-

If sample was taken for dissolved metals, were these samples field filtered? Yes

Date: 5/22/08 Time: 1059 By: AM Filter Pore Size & Type: .45µm Gelman

General Notes: Hach pH meter calibrated 4.0/7.0/10.0 w/buffers.
YSI 85 calibrated to 96.5% @1000' for DO.
" " " to 1413 µmhos/cm³ @25°C for Spec. Cond

BL-Field-007 58
7/18/06

STI-WESTFIELD

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tighe & Bond
53 Southampton Rd
Westfield MA

Job Number: A-306
Sampling Location: SW-1

Contact: SST
Collected By: AM
Date: 5/22/08
Time Collected: 1140

Weather: Cloudy 60°F

Sampling Method:

Surface: ✓
Stainless Steel Bucket:
Bottle: ✓
Other:

Sample Type: Grab: ✓
Composite: If so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L	–	Time Analyzed
6.41	3.15	150.5	12.4°C	–	–	1145

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
pl. Liter	1	4n°	See page 58 for analysis	–
250ml/pl	1	HNO3 /1ml		<2
250ml/pl	1	NAOH /1ml		>12
250ml/pl	1	H2SO4 /1ml		<2
40ml/vial	4	HCL /0.5ml		–
Amber Liter	2	4.0°		

If sample was taken for dissolved metals, were these samples field filtered? Yes

Date: 5/22/08 Time: 1145 By: AM Filter Pore Size & Type: .45µ Cellmen

General Notes:
See page 58 for instrument calibrations

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7/18/06

STL WESTFIELD

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tishco Bond
53 Southampton Rd
Westfield, MA

Job Number: A-0306
Sampling Location: SW-9

Contact: SST
Collected By: AM
Date: 5/22/08
Time Collected: 1205

Weather: Cloudy + Showers 60°F

Sampling Method:

Surface: ✓
Stainless Steel Bucket:
Bottle: ✓
Other:

Sample Type: Grab: ✓
Composite: if so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L	—	Time Analyzed
6.86	6.96	375.7	10.1°C	—	—	1210

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
pl. Litir	1	4.0°	See page 58 for analysis	—
250ml pl	1	HNO3 / 1ml		<2
250ml pl	1	NAOH / 1ml		>12
250ml pl	1	H2SO4 / 1ml		<2
250ml pl	1	HCL / 0.5ml		<2
40ml vial	4	4.0°		—
Amber Litir	2			

If sample was taken for dissolved metals, were these samples field filtered? Yes.

Date: 5/22/08 Time: 1210 By: AM Filter Pore Size & Type: .45µm Gelman

General Notes:
See page 58 for instrument calibrations

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tighe & Bond
50 Southampton Rd
Westfield, MA

Job Number: A-308
Sampling Location: SW-2

Contact: JJT
Collected By: AM
Date: 5/22/08
Time Collected: 1300

Weather: Showers 60°F

Sampling Method:

Surface: ✓
Stainless Steel Bucket:
Bottle: ✓
Other:

Sample Type: Grab: ✓
Composite: If so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L	—	Time Analyzed
6.83	7.31	337.2	13.9°C	—	—	1315

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
pl. Liter	1	4.0°	See page 58 for analysis	—
250ml pl	1	HNO_3/1ml		<2
250ml pl.	1	NAOH/1ml		>12
250ml pl.	1	H_2SO_4/1ml		<2
40ml vial	4	HCL/0.5ml		<2
Amber Liter	2	4.0°		—

If sample was taken for dissolved metals, were these samples field filtered? Yes

Date: 5/22/08 Time: 1315 By: AM Filter Pore Size & Type: 0.45µ Gelman

General Notes:
See page 58 for calibrations

SAMPLE COLLECTION DATA SURFACE WATER

Client: Tighe & Bond
52 Southampton Rd
Westfield, Ma

Job Number: A-0308
Sampling Location: SW-12

Contact: JJT
Collected By: AM
Date: 5/22/08
Time Collected: 1330

Weather: Cloudy 60°F

Sampling Method:

Surface: ✓
Stainless Steel Bucket:
Bottle: ✓
Other:

Sample Type: Grab: ✓
Composite: if so describe

FIELD DATA

pH	Dissolved Oxygen mg/L	Specific Conductance µmhos/cm @25°C	Temperature °C	Residual Chloride mg/L	—	Time Analyzed
7.53	6.17	343.2	14.9°C	—	—	1340

CONTAINERS & PRESERVATIVES

Type of Container	Number of Containers	Preservative Type/Amount	Analysis Required	Field pH
pl. Liter	1	4.0°	See page 58 for	—
250ml pl	1	HNO_3 / 1ml	analysis	<2
250ml pl	1	NAOH / 1ml		>12
250ml pl	1	H_2SO_4 / 1ml		<2
40ml (vial)	4	HCL / 0.5ml		<2
Amber Liter	2	4.0°		—

If sample was taken for dissolved metals, were these samples field filtered? Yes

Date: 5/22/08 Time: 1340 By: AM Filter Pore Size & Type: .45µ Gelman

General Notes:
See page 58 for calibrations

testAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Form

•53 Southampton Road
Westfield, MA 01085
(P) 413-572-4000
(F) 413-572-3707
Westfield

•148 Rangeway Road
N. Billerica, MA 01862
(P) 978-667-1400
(F) 978-667-7871
Boston - Service Center

Client: Tighe & Bond
Address: 53 Southampton Rd, Westfield, MA
Phone: 413-562-1600 Fax:

Client Project #: A-0308
Site ID & State: Amherst, MA
Reports Sent To: Jeff Thelen
Email: JThelen@tighebond.com Email Rpt: ☐

Job# 360-16692 Quote# PO#

Shaded areas for office use
Invoice same as Report to? ☐
If Invoice contact or address different, note in Comments

Comments (Special Instructions)

Requested Turnaround Time (PLEASE SPECIFY)
STANDARD ✓ RUSH ____ (Lab Approval Required)

Regulatory Programs/Presumptive Certainty/QC Forms
MADEP MCP ☐ GW1/S1 ☐ PWS DEP Forms ☐
CTDEP RCP ☐ CT RSR ☐ EDD Required ☐
QA Rpt: No QC ☐ Std QC Rpt ☐ CLP QC Rpt: ☐

500-series for drinking water
600-series for waste water, NPDES
6000-series for groundwater, soil, waste
8000-series for groundwater, soil, waste
Use comments section to further define.

Please print legibly. If the analytical requests are not clearly defined on the chain-of-custody, the turnaround time will begin after all questions have been satisfactorily answered.

Sample Type Codes: WW-Wastewater, DW-Drinking Water, SW-Surface Water, GW-Groundwater, LW Lab Water, A-Air, "Z"-Other (please specify)

Sample I.D.	Sample Type	Sampler's Initials	Date / Time Collected	Grab	Comp.	# Containers	Plastic(P) or Glass(G)	Preservative: NaHSO4/MeOH	HNO3 to pH <2	H2SO4 to pH <2	HCl to pH <2	NaOH to pH >12	Na2S2O3	None / 4° C	524 / 624 / 8260	525 / 625 / 8270	PCB / Pest / Herbicide	EPH / VPH	DRO / GRO / ETPH	Metals (Please Specify)	Mercury	General Chemistry	Bacteriological	Toxicity
SW-10	SW	AM	5/22/08 1050	✓		10	P/G		X	X	X	X		X	✓	✓				✓		✓		
SW-1	SW	AM	5/22/08 1140	✓		10	P/G		X	X	X	X		X	✓	✓				✓		✓		
SW-9	SW	AM	5/22/08 1205	✓		10	P/G		X	X	X	X		X	✓	✓				✓		✓		
SW-2	SW	AM	5/22/08 1300	✓		10	P/G		X	X	X	X		X	✓	✓				✓		✓		
SW-12	SW	AM	5/22/08 1330	✓		10	P/G		X	X	X	X		X	✓	✓				✓		✓		
Trip Blank	LW	AM	5/22/08	✓		2	G				X				✓									
			5/22/08																					

Comments:
1. Alk, TDS, Cl, SO4, NO3, Turb
2. Diss: As, Ba, Cd, Cr, Cu, Fe, Mn, Pb, Hg, Se, Zn, Ag, ~~Hardness~~ JL 6/4/08
3. COD
4. T. CN
5. 8260 + acetone, MEK, MIBK, MTBE, Xylenes
6. Low level 1,4 Dioxane
7. Fd-pH, Temp, D.O., Spec. Cond

Sampled by (print): Adam Mitchell Signature:

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	5/22/08	1550		5/22/08	1550
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Cooler? Y / N MADEP Requirement Samples Iced? Y / N
Temp @ receipt: 4.3°C °C
Preservation / pH checked? Y / N
By: ____ Date: 5/22/08

WESTFIELD

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TAL-8245(1007)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

RECEIVED
JUN 27 2008
TIGHE & BOND

Job Number: 360-16688-1

Job Description: A-0308

For:
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Attention: Jeffery Thelen

Designee for
Lisa A Worthington
Project Manager II
lisa.worthington@testamericainc.com
06/27/2008
Revision: 1

The test results in this report meet all NELAC requirements for accredited parameters. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. TestAmerica Westfield Certifications and Approvals: MADEP MA014, RIDOH57, CTDPH 0494, VT DECWSD, NH DES 253903-A, NELAP FL E87912 TOX, NELAP NJ MA008 TOX, NELAP NY 10843, NY DOH 10843.

TestAmerica Laboratories, Inc.
TestAmerica Westfield Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085
Tel (413) 572-4000 Fax (413) 572-3707 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

REVISED

Job Narative
360-J16688-1

At the request of the client, 1,4-Dioxane was added to the SW846 8260B analysis.

Method 6010B: The method blank for batch 32336 contained Barium, Cadmium, Copper, Iron, Lead and Zinc above the method detection limit. The target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

METHOD SUMMARY

Client: Tighe & Bond

Job Number: 360-16688-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL WFD	SW846 8260B	
Closed System Purge & Trap/Field Preservation	TAL WFD		SW846 5035
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL WFD	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	TAL WFD		SW846 3050B
Anions by Ion Chromatography	TAL WFD	MCAWW 300.0	
Anions by Ion Chromatography	TAL WFD	MCAWW 300.0	
Deionized Water Leaching Procedure (Routine)	TAL WFD		ASTM DI Leach
Deionized Water Leaching Procedure (Routine)	TAL WFD		ASTM DI Leach
Chemical Oxygen Demand (Colorimetric, Automated; Manual)	TAL WFD	MCAWW 410.4	
Deionized Water Leaching Procedure (Routine)	TAL WFD		ASTM DI Leach
Total and Amenable Cyanide (Automated Colorimetric, with Off-Line Distillation)	TAL WFD	SW846 9012A	
Total and Amenable Cyanide (Auto. Colorimetric	TAL WFD		SW846 9012A
Alkalinity, Titration Method	TAL WFD	SM SM 2320B	
Deionized Water Leaching Procedure (Routine)	TAL WFD		ASTM DI Leach

Lab References:

TAL WFD = TestAmerica Westfield

Method References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Tighe & Bond

Job Number: 360-16688-1

Method	Analyst	Analyst ID
SW846 8260B	Rouleau, Catherine M	CMR
SW846 6010B	Nasiatka, Ellen M	EMN
MCAWW 300.0	Lalashius, Andrew L	ALL
MCAWW 410.4	Sadowski, Scott	SS
SW846 9012A	Lalashius, Andrew L	ALL
EPA PercentMoisture	Nasiatka, Ellen M	EMN
SM SM 2320B	Emerich, Rich W	RWE

SAMPLE SUMMARY

Client: Tighe & Bond

Job Number: 360-16688-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
360-16688-1	Sed-1	Solid	05/22/2008 1140	05/22/2008 1550

Jeffery Thelen
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Job Number: 360-16688-1

Client Sample ID: **Sed-1**
Lab Sample ID: **360-16688-1**

Date Sampled: 05/22/2008 1140
Date Received: 05/22/2008 1550
Client Matrix: Solid
Percent Solids: 34

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	05/31/2008 0003		
Prep Method: 5035			Date Prepared:	05/30/2008 1154		
1,1,1-Trichloroethane	ND		ug/Kg	4.1	10	1.0
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.1	10	1.0
1,1,2-Trichloroethane	ND		ug/Kg	4.1	10	1.0
1,1-Dichloroethane	ND		ug/Kg	4.1	10	1.0
1,1-Dichloroethene	ND		ug/Kg	4.1	10	1.0
1,1-Dichloropropene	ND		ug/Kg	4.1	10	1.0
1,2,3-Trichlorobenzene	ND		ug/Kg	4.1	10	1.0
1,2,3-Trichloropropane	ND		ug/Kg	6.0	10	1.0
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.1	10	1.0
1,2,4-Trichlorobenzene	ND		ug/Kg	4.1	10	1.0
1,2,4-Trimethylbenzene	ND		ug/Kg	4.1	10	1.0
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	7.4	20	1.0
1,2-Dichlorobenzene	ND		ug/Kg	4.1	10	1.0
1,2-Dichloroethane	ND		ug/Kg	4.1	10	1.0
1,2-Dichloropropane	ND		ug/Kg	4.1	10	1.0
1,3,5-Trimethylbenzene	ND		ug/Kg	4.1	10	1.0
1,3-Dichlorobenzene	ND		ug/Kg	4.1	10	1.0
1,3-Dichloropropane	ND		ug/Kg	4.1	10	1.0
1,4-Dichlorobenzene	ND		ug/Kg	4.1	10	1.0
2,2-Dichloropropane	ND		ug/Kg	4.1	10	1.0
2-Chlorotoluene	ND		ug/Kg	4.1	10	1.0
2-Hexanone	ND		ug/Kg	21	100	1.0
4-Chlorotoluene	ND		ug/Kg	4.1	10	1.0
Acetone	240	J *	ug/Kg	73	1000	1.0
Benzene	ND		ug/Kg	4.1	10	1.0
Bromobenzene	ND		ug/Kg	4.1	10	1.0
Bromochloromethane	ND		ug/Kg	4.1	10	1.0
Bromodichloromethane	ND		ug/Kg	4.1	10	1.0
Bromoform	ND		ug/Kg	4.1	10	1.0
Bromomethane	ND	*	ug/Kg	4.1	20	1.0
Carbon tetrachloride	ND		ug/Kg	4.1	10	1.0
Chlorobenzene	ND		ug/Kg	4.1	10	1.0
Chlorodibromomethane	ND		ug/Kg	4.1	10	1.0
Chloroethane	ND	*	ug/Kg	4.1	20	1.0
Chloroform	ND		ug/Kg	4.1	10	1.0
Chloromethane	ND	*	ug/Kg	4.1	20	1.0
cis-1,2-Dichloroethene	ND		ug/Kg	4.1	10	1.0
cis-1,3-Dichloropropene	ND		ug/Kg	4.1	10	1.0
Dibromomethane	ND		ug/Kg	4.1	10	1.0

Jeffery Thelen
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53 Southampton Road
Westfield, MA 01085

Job Number: 360-16688-1

Client Sample ID: **Sed-1**
Lab Sample ID: **360-16688-1**

Date Sampled: 05/22/2008 1140
Date Received: 05/22/2008 1550
Client Matrix: Solid
Percent Solids: 34

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Ethylbenzene	ND		ug/Kg	4.1	10	1.0
Ethylene Dibromide	ND		ug/Kg	4.1	10	1.0
Hexachlorobutadiene	ND		ug/Kg	4.1	10	1.0
Isopropylbenzene	ND		ug/Kg	4.1	10	1.0
Methyl Ethyl Ketone	120		ug/Kg	28	100	1.0
methyl isobutyl ketone	ND	*	ug/Kg	21	100	1.0
Methyl tert-butyl ether	ND		ug/Kg	4.1	10	1.0
Methylene Chloride	ND		ug/Kg	20	20	1.0
m-Xylene & p-Xylene	ND		ug/Kg	4.1	20	1.0
Naphthalene	ND	*	ug/Kg	4.1	100	1.0
n-Butylbenzene	ND		ug/Kg	4.1	10	1.0
N-Propylbenzene	ND		ug/Kg	4.1	10	1.0
o-Xylene	ND		ug/Kg	4.1	10	1.0
p-Isopropyltoluene	ND		ug/Kg	4.1	10	1.0
sec-Butylbenzene	ND		ug/Kg	4.1	10	1.0
Styrene	ND		ug/Kg	4.1	10	1.0
tert-Butylbenzene	ND		ug/Kg	4.1	10	1.0
Tetrachloroethene	ND		ug/Kg	4.1	10	1.0
Toluene	ND		ug/Kg	4.1	10	1.0
trans-1,2-Dichloroethene	ND		ug/Kg	4.1	10	1.0
trans-1,3-Dichloropropene	ND		ug/Kg	4.1	10	1.0
Trichloroethene	ND		ug/Kg	4.1	10	1.0
Trichlorofluoromethane	ND	*	ug/Kg	4.1	20	1.0
Vinyl chloride	ND	*	ug/Kg	4.1	10	1.0
1,4-Dioxane	ND		ug/Kg	130	1000	1.0

Surrogate			Acceptance Limits
4-Bromofluorobenzene	95	%	70 - 130
Dibromofluoromethane	100	%	70 - 130
Toluene-d8 (Surr)	98	%	70 - 130

Tentatively Identified Compounds			Cas Number	RT	
Tentatively Identified Compound	None	ug/L		0.00	1.0

Method: 6010B Date Analyzed: 05/23/2008 1331
Prep Method: 3050B Date Prepared: 05/23/2008 0846

Silver	ND		mg/Kg	0.77	8.5	5.0
Arsenic	98		mg/Kg	1.4	17	5.0
Barium	760	B	mg/Kg	0.29	8.5	5.0
Cadmium	4.2	B	mg/Kg	0.073	3.4	5.0
Chromium	24		mg/Kg	1.2	8.5	5.0
Copper	29	B	mg/Kg	1.3	17	5.0

Jeffery Thelen
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Job Number: 360-16688-1

Client Sample ID: **Sed-1**
Lab Sample ID: **360-16688-1**

Date Sampled: 05/22/2008 1140
Date Received: 05/22/2008 1550
Client Matrix: Solid
Percent Solids: 34

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Iron	240000	B	mg/Kg	11	85	5.0
Manganese	1300		mg/Kg	1.6	17	5.0
Lead	16	B	mg/Kg	0.75	8.5	5.0
Selenium	ND		mg/Kg	4.6	8.5	5.0
Zinc	420	B	mg/Kg	2.3	43	5.0

Jeffery Thelen
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Job Number: 360-16688-1

Client Sample ID: **Sed-1**
Lab Sample ID: **360-16688-1**

Date Sampled: 05/22/2008 1140
Date Received: 05/22/2008 1550
Client Matrix: Solid
Percent Solids: 34

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: Soluble-300.0		Date Analyzed:		05/30/2008 2105	
Chloride	ND	mg/Kg	59	59	1.0
Nitrate as N	ND	mg/Kg	15	15	1.0
Sulfate	ND	mg/Kg	120	120	1.0
Method: Soluble-410.4		Date Analyzed:		06/04/2008 0921	
Chemical Oxygen Demand	ND	mg/Kg	1200	1200	2.0
Method: 9012A		Date Analyzed:		06/04/2008 1124	
Prep Method: 9012A		Date Prepared:		06/03/2008 1415	
Cyanide, Total	ND	mg/Kg	2.9	2.9	1.0
Method: Soluble-SM 2320B		Date Analyzed:		05/27/2008 1637	
Alkalinity	640	mg/Kg	11	11	10

DATA REPORTING QUALIFIERS

Client: Tighe & Bond

Job Number: 360-16688-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	*	RPD of the LCS and LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Metals		
	B	Compound was found in the blank and sample.

SAMPLE COLLECTION DATA: SOILS AND SOLIDS

Client: Tasker & Bond
Westfield, Ma

Job #/ Project Manager A-0308

Collector Signature : [signature]

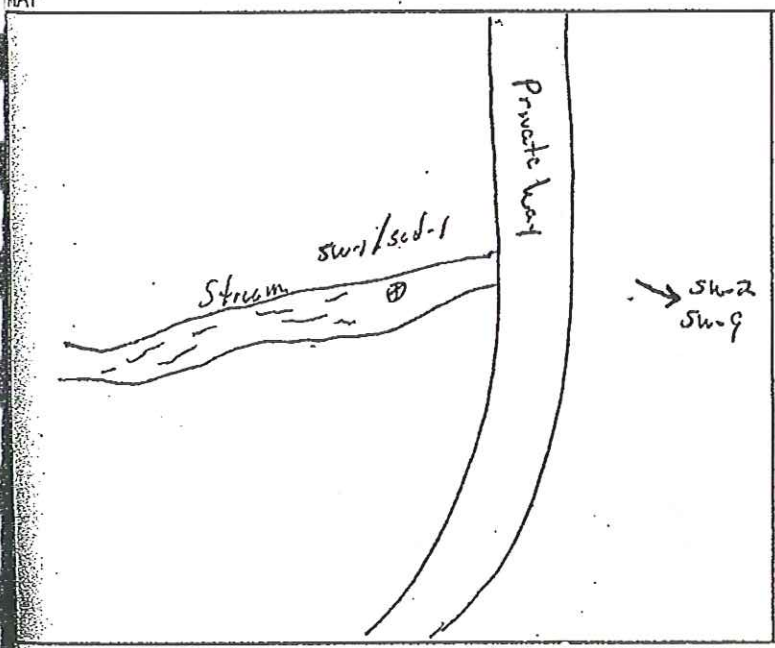
Contact: JSY

Location: Sed-1

Date: 5/22/00 Time: 1140 Weather: Cloudy 60°F

Site Descrip.:

MAP



COMMENTS

- Sample taken from stream bed at SW-1 location

Collection Method

Equipment: Hand Auger ____ Plastic Scoop ____ Stan Steel Scoop ✓
Coliwasa ____ Thief ____ Other ____

Equipment Decontamination: Organics ____ Metals ____ Biological ____

Sampl Type: ___ Composite
✓ Grab

Depth (s)

Sample Container	Analysis Requested
(1) 8oz. Amber glass jar.	Alk, NO_3, TDS, Cl, SO_4
	T. Metals
(2) 40ml vial w D.I. H_2O + 1-40ml vial w/ MeOH	VOA 8260

Login Sample Receipt Check List

Client: Tighe & Bond

Job Number: 360-16688-1

Login Number: 16688
Creator: Rinard, Kimberley A
List Number: 1

List Source: TestAmerica Westfield

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.3C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Form

•53 Southampton Road
Westfield, MA 01085
(P) 413-572-4000
(F) 413-572-3707
Westfield

•148 Rangeway Road
N. Billerica, MA 01862
(P) 978-667-1400
(F) 978-667-7871
Boston - Service Center

320-16688

Job# | Quote# | PO#

Client: Tighe + Bond
Address: 53 Southampton Rd. Westfield, Ma
Phone: 562-1600 Fax:

Client Project #: A-0308
Site ID & State: Amherst, Ma
Reports Sent To: Jeff Thelen
Email: JThelen@Tighebond.com Email Rpt: ☐

Shaded areas for office use
Invoice same as Report to? ☐
If Invoice contact or address different, note in Comments

Comments (Special Instructions)

Please print legibly. If the analytical requests are not clearly defined on the chain-of-custody, the turnaround time will begin after all questions have been satisfactorily answered.

Requested Turnaround Time (PLEASE SPECIFY)
STANDARD ✓ RUSH ____ (Lab Approval Required)

Regulatory Programs/Presumptive Certainty/QC Forms
MADEP MCP ☐ GW1/S1 ☐ PWS DEP Forms ☐
CTDEP RCP ☐ CT RSR ☐ EDD Required ☐
QA Rpt: No QC ☐ Std QC Rpt ☐ CLP QC Rpt: ☐

500-series for drinking water
600-series for waste water, NPDES
6000-series for groundwater, soil, waste
8000-series for groundwater, soil, waste
Use comments section to further define.

Sample Type Codes: WW-Wastewater, DW-Drinking Water, SW-Surface Water, GW-Groundwater, LW Lab Water, A-Air, "Z"-Other (please specify)

Sample I.D.	Sample Type	Sampler's Initials	Date Time Collected	Grab	Comp.	# Containers	Plastic(P) or Glass(G)	Preservative: NaHSO4/MeOH	HNO3 to pH <2	H2SO4 to pH <2	HCl to pH <2	NaOH to pH >12	Na2S2O3	None / 4° C	524 / 624 / 8260	525 / 625 / 8270	PCB / Pest / Herbicide	EPH / VPH	DRO / GRO / ETPH	Metals (Please Specify)	Mercury	General Chemistry	Bacteriological	Toxicity
Sed-1	Sed.	AM	5/22/08 1140	✓		5	6	X						X	✓					✓		✓		

Comments: LAW 5/22/08
1. SO_4^{2-}, ~~TDS~~, COD, Alk, NO_3, CL
2. T. As, Ba, Cd, Cr, Cu, Fe, Mn, Pb, Se, Zn, Ag
3. T. CN
4. 8260 + acetone, MEK, MIBK, MTBE, + xylenes

Sampled by (print): Adam Marshall
Signature:

Cooler? (Y) / N
MADEP Requirement Samples Iced? (Y) / N

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	5/22/08	1550		5/22/08	1550

Temp @ receipt: 4.3°C °C
Preservation / pH checked? Y / (N)
By: ____ Date: 5/22/08

WESTFIELD

Page 1 of 1

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TAL-8245(1007)