

Appendix C

Data Tables

Data Tables Reference

Sample ID: A - B - C

A: Sample station ID
Letter designations-
M: mainstem water quality survey
T: tributary water quality survey
I: impoundment study
Number designations-
0--: river sample
1--: field blank
2--: field duplicate
3--: field equipment blank
WWTP names replace letter/number designations for effluent samples
B: Sample type
A: grab from bottom of water column
B: field blank
C: lateral composite
D: field duplicate
E: WWTP effluent 24-hr composite
F: field measurement
G: surface grab
R: field equipment blank
C: Event
LF#: Low Flow Water Quality Survey #
HF#: High Flow Water Quality Survey #
IMP#: Impoundment Survey #

Units

mg/l	milligrams per liter
ug/l	micrograms per liter
mpn/100 ml	most probable number count per 100 milliliters
C	degrees Celsius
su	standard pH units
ntu	Nephelometric turbidity units
us/cm	microsiemens per centimeter
us/cm@25C	microsiemens per centimeter normalized to 25°C

Lab

FIELD	field measurement
EPA	EPA New England Regional Laboratory
SMASST	School for Marine Science and Technology at UMASS-Dartmouth
EAI	Eastern Analytical Laboratory

Flag

J	approximate value
<	actual value less than reported value

Detection Limits

Ammonia	1.41 ug/l
CBOD 20	2.0 mg/l
CBOD 5	2.0 mg/l
Chlorophyll-a	0.05 ug/l
Dissolved Inorganic Nitrogen	0.70 ug/l
Dissolved Organic Nitrogen	0.70 ug/l
<i>E. coli</i>	4.0 mpn/100ml
Nitrates	0.70 ug/l
Orthophosphates	3.10 ug/l
Particulate Organic Carbon	10 ug/l
Particulate Organic Nitrogen	10 ug/l
Phaeophytin	0.05 mg/l
Total Phosphorus	1.55 ug/l
Total Suspended Solids	0.01 mg/l

Cross-tab Data Tables

Listed by sampling event

Sample Date	Event	Station Number	Station ID	Station Name	Sample Type	Ammonia	Carbon to Nitrogen Ratio	CBOD 20	CBOD 5	Chl-a + Phaeo.	Chl-a to Chl-a + Phaeo. Ratio	Chlorophyll-a	Conductivity	Dissolved Inorganic Nitrogen	Dissolved Organic Nitrogen	E. coli	Field Dissolved Oxygen	Field Dissolved Oxygen Percent	Nitrates	Orthophosphates	Particulate Organic Carbon	Particulate Organic Nitrogen	pH	Phaeophytin	Secchi Depth	Specific Conductivity	Temperature	TKN	Total Dissolved Nitrogen	Total Nitrogen	Total Phosphorus	Total Suspended Solids	Total Water Depth	Turbidity	Winkler Dissolved Oxygen
						ug/L	ratio	mg/L	mg/L	mg/L	ratio	ug/L	us/cm	ug/L	ug/L	mpn/100ml	mg/L	%	ug/L	ug/L	ug/L	ug/L	su	ug/L	feet	us/cm @25C	C	mg/L	mg/L	mg/L	ug/L	mg/L	feet	ntu	mg/L
6/23/2009	IMP1	101	I001	Ayers Island Impoundment	G							0.7											0.5							9					
		102	I002	Ayers Island Impoundment	A							0.6											0.5							7					
					G							0.8											0.5							8					
		103	I003	Ayers Island Impoundment	D							0.7											0.6							7					
					G							0.8											0.4							8					
					G							1.0											0.8							9					
6/24/2009	IMP1	104	I004	Franklin Falls Impoundment	G							1.3											1.7							33					
					A							0.9											0.9							14					
					G							0.7											0.9							11					
		106	I006	Franklin Falls Impoundment	G							0.1											0.1							3					
					R							0.1											0.1							3					
					A							0.9											0.6							28					
					G							1.0											0.9							18					
												1.0											0.7							11					
					D							0.9											0.9							9					
		108	I008	Eastman Falls Impoundment	G							1.1											1.1							11					
					G							1.4											0.9							17					
					G							0.0											0.1							3					
					B							1.4											1.0							15					
					G							1.5											0.8							16					
					A							1.6											1.0							17					
6/25/2009	IMP1	113	I013	Hooksett Falls Impoundment	B							0.1											0.1							2					
					G							1.1											1.2							18					
					R							0.1											0.1							2					
		114	I014	Hooksett Falls Impoundment	G							1.2											1.0							13					
		115	I015	Hooksett Falls Impoundment	A							1.2											1.1							20					
					G							1.3											1.0							18					
												1.0											0.9							18					
					G							1.2											0.9							22					
					G							1.2											0.9							8					
7/27/2009	IMP2	101	I001	Ayers Island Impoundment	G							0.9											0.1							2					
		102	I002	Ayers Island Impoundment	B							0.1											0.1							10					
					G							1.7											0.1							7					
		103	I003	Ayers Island Impoundment	A							2.6											0.8							8					
					G							1.1											0.7							8					
					D							1.2											0.4							11					
		105	I005	Franklin Falls Impoundment	G							0.1											0.0							2					
					G							1.4											0.4							12					
					R							0.1											0.0							2					
7/28/2009	IMP2	106	I006	Franklin Falls Impoundment	A							1.4											1.2							9					
					G							1.1											0.6							9					
					G							1.5											0.3							6					
		108	I008	Eastman Falls Impoundment	A																									7					
					B																									5					
					G							1.1											0.5							12					
					G							1.5											1.1							19					
					R																									2					
					G							1.4											1.2							25					
7/29/2009	IMP2	111	I011	Garvins Falls Impoundment	A																		1.0							24					
		112	I012	Garvins Falls Impoundment	G							1.5											1.0							23					
					G							1.0											1.2							17					
		113	I013	Hooksett Falls Impoundment	G							1.2											1.5							16					
		114	I014	Hooksett Falls Impoundment	G																									16					
		115	I015	Hooksett Falls Impoundment	A																									16					

Sample Date	Event	Station Number	Station ID	Station Name	Sample Type	Ammonia	Carbon to Nitrogen Ratio	CBOD 20	CBOD 5	Chl-a + Phaeo.	Chl-a to Chl-a + Phaeo. Ratio	Chlorophyll-a	Conductivity	Dissolved Inorganic Nitrogen	Dissolved Organic Nitrogen	E. coli	Field Dissolved Oxygen	Field Dissolved Oxygen Percent	Nitrates	Orthophosphates	Particulate Organic Carbon	Particulate Organic Nitrogen	pH	Phaeophytin	Secchi Depth	Specific Conductivity	Temperature	TKN	Total Dissolved Nitrogen	Total Nitrogen	Total Phosphorus	Total Suspended Solids	Total Water Depth	Turbidity	Winkler Dissolved Oxygen
						ug/L	ratio	mg/L	mg/L	mg/L	ratio	ug/L	us/cm	ug/L	ug/L	mpn/100ml	mg/L	%	ug/L	ug/L	ug/L	ug/L	su	ug/L	feet	us/cm @25C	C	mg/L	mg/L	mg/L	ug/L	mg/L	feet	ntu	mg/L
7/29/2009	IMP2	115	I015	Hooksett Falls Impoundment	G							1.4											1.1							28					
		116	I016	Amoskeag Impoundment	G							1.7											0.9							22					
		117	I017	Amoskeag Impoundment	G							1.6											0.7							23					
		118	I018	Amoskeag Impoundment	A																									24					
8/24/2009	IMP3				G							2.0											1.1							21					
		113	I013	Hooksett Falls Impoundment	G							0.1											0.1							26					
		114	I014	Hooksett Falls Impoundment	A																								29						
					B							0.3											0.1							2					
					G							0.1											0.1							24					
		115	I015	Hooksett Falls Impoundment	D							1.9											0.9							25					
					G							1.8											0.6							27					
		116	I016	Amoskeag Impoundment	G							2.4											0.7							25					
					R							0.4											0.1							2					
		117	I017	Amoskeag Impoundment	A																									24					
					G							2.2											0.7							24					
		118	I018	Amoskeag Impoundment	G							2.1											0.7							21					
8/25/2009	IMP3	101	I001	Ayers Island Impoundment	B																									2					
					G							0.6											0.4							10					
		102	I002	Ayers Island Impoundment	A																									9					
					G							0.9											0.6							13					
		103	I003	Ayers Island Impoundment	G							1.6											0.7							17					
					R																								2						
		104	I004	Franklin Falls Impoundment	G							0.5											0.7							13					
		105	I005	Franklin Falls Impoundment	A																									14					
					G							0.4											0.6							15					
		106	I006	Franklin Falls Impoundment	D																									13					
					G							0.6											0.7							14					
8/26/2009	IMP3	107	I007	Eastman Falls Impoundment	G							0.7											0.7							12					
		108	I008	Eastman Falls Impoundment	A																									13					
					G							1.1											0.7							14					
		109	I009	Eastman Falls Impoundment	G							1.1											0.8							15					
		110	I010	Garvins Falls Impoundment	G							1.6											1.0							19					
		111	I011	Garvins Falls Impoundment	A																									28					
					G							1.1											1.2							18					
		112	I012	Garvins Falls Impoundment	G							1.3											1.1							19					
9/21/2009	IMP4	101	I001	Ayers Island Impoundment	B							0.1											0.1							2					
					G							2.4											0.2							13					
					R							0.1											0.1							2					
		102	I002	Ayers Island Impoundment	G							3.6											1.4							22					
		103	I003	Ayers Island Impoundment	A																									18					
					G							2.2											1.0							13					
		104	I004	Franklin Falls Impoundment	G							3.5											1.6							15					
		105	I005	Franklin Falls Impoundment	D							3.7											0.4							10					
					G							2.5											0.4							8					
		106	I006	Franklin Falls Impoundment	A							2.4											0.2							11					
9/22/2009	IMP4				G							3.5											0.9							8					
		107	I007	Eastman Falls Impoundment	G							7.2											0.1							10					
		108	I008	Eastman Falls Impoundment	G							3.7											0.6							9					
		109	I009	Eastman Falls Impoundment	A							2.6											0.7							9					
					G							3.8											0.5							9					
9/23/2009	IMP4	110	I010	Garvins Falls Impoundment	D																									18					
					G							1.6											0.9							19					
		111	I011	Garvins Falls Impoundment	G							1.8											1.1							17					
		112	I012	Garvins Falls Impoundment	A							1.6											0.9							27					
					G							1.6											1.1							27					

						Ammonia	Carbon to Nitrogen Ratio	CBOD 20	CBOD 5	Chl-a + Phaeo.	Chl-a to Chl-a + Phaeo. Ratio	Chlorophyll-a	Conductivity	Dissolved Inorganic Nitrogen	Dissolved Organic Nitrogen	E. coli	Field Dissolved Oxygen	Field Dissolved Oxygen Percent	Nitrates	Orthophosphates	Particulate Organic Carbon	Particulate Organic Nitrogen	pH	Phaeophytin	Secchi Depth	Specific Conductivity	Temperature	TKN	Total Dissolved Nitrogen	Total Nitrogen	Total Phosphorus	Total Suspended Solids	Total Water Depth	Turbidity	Winkler Dissolved Oxygen	
Sample Date	Event	Station Number	Station ID	Station Name	Sample Type	ug/L	ratio	mg/L	mg/L	mg/L	ratio	ug/L	us/cm	ug/L	ug/L	mpn/100ml	mg/L	%	ug/L	ug/L	ug/L	ug/L	su	ug/L	feet	us/cm @25C	C	mg/L	mg/L	mg/L	ug/L	mg/L	feet	ntu	mg/L	
9/23/2009	IMP4	113	I013	Hooksett Falls Impoundment	B																															
					G							2.3												1.0								3				
					R																															
		114	I014	Hooksett Falls Impoundment	G							2.4												0.9								3				
		115	I015	Hooksett Falls Impoundment	A							2.7												1.1								27				
					G							2.3												1.0								29				
9/24/2009	IMP4	116	I016	Amoskeag Impoundment	G							1.8												1.3								19				
		117	I017	Amoskeag Impoundment	G							1.8												1.1								30				
		118	I018	Amoskeag Impoundment	A																											31				
					G							1.7												1.2								33				
10/26/2009	IMP5	101	I001	Ayers Island Impoundment	G							0.8												0.5								16				
		102	I002	Ayers Island Impoundment	G							0.8												0.5								14				
		103	I003	Ayers Island Impoundment	A																											19				
					D							0.7												0.6								15				
					G							0.5												0.4								14				
		107	I007	Eastman Falls Impoundment	G							1.2												1.2								30				
		108	I008	Eastman Falls Impoundment	G							0.1												2.3								24				
		109	I009	Eastman Falls Impoundment	A																											24				
					B							0.1												0.1								2				
					G							1.4												1.3								20				
10/27/2009	IMP5	110	I010	Garvins Falls Impoundment	G							1.9												1.4								32				
		111	I011	Garvins Falls Impoundment	G							1.9												1.2								36				
		112	I012	Garvins Falls Impoundment	A																											35				
					D																											34				
					G							1.8												1.3								32				
		113	I013	Hooksett Falls Impoundment	G							1.9												1.3								30				
		114	I014	Hooksett Falls Impoundment	G							2.1												1.5								38				
		115	I015	Hooksett Falls Impoundment	A																											32				
					G							2.2												1.6								36				
					R							0.1												0.2								2				
10/28/2009	IMP5	116	I016	Amoskeag Impoundment	G							1.8												1.1								25				
		117	I017	Amoskeag Impoundment	G							1.9												1.2								22				
		118	I018	Amoskeag Impoundment	A																											34				
					B																											2				
					G							0.5												4.1								29				
7/27/2010	LF1	1	M001	Headwaters	F								53				8.1	84.1						6.90		64	15.8							6.0	0.44	
					G	14	14.3		2.0	0.7	0.5	0.4		143.1	268.1	34			129	3	178	14		0.3								9	0.52			9.159375
		2	T002	U/S Lincoln WWTF	F								23				8.0	88.5						7.55			26	18.5						3.0	0.86	
					G	10	11.6		2.0	0.3	0.6	0.2		166.2	172.7	4			156	3	105	11		0.1				0.19				4	0.40			8.021875
		3	T003	D/S Lincoln WWTF 1	F								41				7.9	84.4						6.97			44	17.7						2.0	0.67	
					G	93	10.1	2.0	2.0	1.1	0.4	0.4		316.0	209.4	34			223	17	124	14		0.6				0.32				28	0.41			8.028125
		4	M104	Blank	B	1	7.2		2.0	0.3		0.1		450.2	248.8				449	253	47	8		0.2				0.26				2	0.16			
			M204	Dup	D	72	10.6		2.0	0.7	0.6	0.4		249.1	314.3				177	14	130	14		0.3				0.40				54	0.43			8.490625
			M304	Equip Blank	R	1	19.1		2.0	4.5	0.7	3.0		232.6	169.5				232	3	54	3		1.5				0.17				2	0.16			
			T004	D/S Lincoln WWTF 2	F								30				7.7	82.5						6.78			35	17.6						3.0	1.04	
					G	80	10.5		2.0	0.8	0.6	0.5		262.6	245.9	4			183	14	136	15		0.3				0.34				68	1.41			8.06875
			T104	Blank	B											4																				
			T204	Dup	D											4																				
			T304	Equip Blank	R											4																				
		5	M005	U/S Woodstock WWTF	F								40				7.6	85.2						6.83			44	19.8						3.3	0.56	
					G	60	10.6		2.0	0.9	0.7	0.6		228.2	204.1				169	11	134	15		0.2				0.28				20	0.48			8.340625
		6	M006	D/S Woodstock WWTF1	C	56	9.4		2.0	0.8	0.6	0.5		253.1	166.5				197	19	268	33		0.3				0.26				29	0.89			8.040625
					F								43				7.1	78.8						6.69			48	19.1						10.0	0.80	
					G											8																				
		7	M007	D/S Woodstock WWTF 2	F								41				7.8	89.4						7.74			45	20.7						2.0	1.20	

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Sample Date	Event	Station Number	Station ID	Station Name	Sample Type	ug/L	ratio	mg/L	mg/L	mg/L	ratio	ug/L	us/cm	ug/L	ug/L	mpn/100ml	mg/L	%	ug/L	ug/L	ug/L	ug/L	su	ug/L	feet	us/cm @25C	C	mg/L	mg/L	mg/L	ug/L	mg/L	feet	ntu	mg/L
7/27/2010	LF1	7	M007	D/S Woodstock WWTF 2	G	49	11.1		2.0	0.8	0.8	0.6		225.1	181.8				176	14	144	15		0.2			0.25		0.4	27	0.56			8.3625	
		8	M008	Woodstock Gage	F								44				7.5	87.3					6.90			48	21.0			0.4	21	0.75	2.0	0.59	8.56875
					G	20	9.2		2.0	1.0	0.6	0.6		175.8	222.7				156	8	188	24		0.4				0.27		0.4	21	0.75			8.56875
		9	M009	Campton	F								47				9.1	101.1					6.96			52	20.6					4.3	0.25		
					G	9	10.7		2.0	1.2	0.6	0.7		115.2	186.5				107	3	833	90		0.5			0.29		0.4	15	3.00			8.6	
		10	T010	Mad River	F								43				9.3	101.2					6.86			48	19.5			0.4			2.0	0.38	
					G	14	11.9		2.0	0.5	0.6	0.3		134.8	150.8	8			121	3	155	15		0.2			0.18		0.3	8	0.78			9.34375	
		11	T011	Baker River	F								57				7.8	88.7					7.20			64	21.8					2.5	0.30		
					G	12	9.1		2.0	1.3	0.7	0.8		95.7	220.3	127			83	3	334	43		0.4			0.28		0.4	14	1.65			7.89375	
		12	M012	U/S Plymouth Village WWTF (at USGS gage)	F								51				8.9	102.9					7.00			54	22.7					2.5	0.00		
					G	10	10.9		2.0	1.1	0.5	0.6		96.8	205.7				87	3	293	31		0.5			0.25		0.3	9	1.28			8.609375	
		13	M013	D/S Plymouth Village WWTF 1	C	6	10.4		2.0	1.7	0.7	1.1		107.0	242.9				101	5	422	47		0.6			0.30		0.4	19	2.13			8.425	
					F								51				8.4	94.7					7.24			55	21.4					4.8	0.50		
					G											58																			
		14	M014	D/S Plymouth Village WWTF 2	F								54				9.0	105.6					6.96			56	23.4					1.5	0.05		
					G	5	11.3		2.0	1.2	0.6	0.8		105.6	198.2				101	3	297	31		0.4			0.23		0.3	13	1.30			8.3875	
		15	T015	Squam River	F								57				8.3	96.6					7.48			59	23.2					4.5	0.55		
					G	15	11.3		2.0	2.1	0.4	0.8		35.0	245.1	54			20	3	368	38		1.3			0.30		0.3	13	2.03			7.925	
		16	M016	U/S Ayers Island 1	F								50				7.7	91.1					7.21		7.75	53	23.0					11.5	2.06		
					G	1	9.9		2.0	2.2	0.6	1.4		67.4	237.2	73			67	3	367	43		0.8			0.28		0.3	12	2.70			8.240625	
			M116	Blank	B	72	7.9		2.0	0.2	0.3	0.1		73.2	133.7				1	3	29	4		0.2			0.21		0.2	2	0.10				
		17	M017	U/S Ayers Island 2	F								59				7.4	89.1					7.20		5.5	59	24.5					23.2	2.21		
					G	5	9.8		2.0	7.1	0.8	5.8		74.2	297.6	30			69	3	805	96		1.3			0.40		0.5	17	6.45			7.79375	
			M317	Equip Blank	R	75	14.9		2.0	0.2		0.1		78.4	122.8				3	3	54	4		0.2			0.20		0.2	2	0.07				
		18	M018	D/S Ayers Island, U/S Bristol WWTF	F								59				7.1	83.5					7.16			61	23.3					3.5	1.77		
					G	12	11.0		2.0	5.7	0.6	3.5		88.5	235.5	4			76	3	692	73		2.2			0.32		0.4	14	3.10			7.553125	
		19	M019	D/S Bristol WWTF 1	C	28	10.1		2.0	5.4	0.6	3.4		109.8	297.1				82	5	912	106		2.0			0.43		0.5	25	3.90			8.234375	
					F								55				7.2	84.2					7.13			61	23.0					2.8	0.95		
					G											4																			
		20	M020	D/S Bristol WWTF 2	F								56				7.8	92.1					7.18			58	23.6					3.3			
					G	18	13.1		2.0	4.4	0.5	2.4		99.2	358.5	12			82	3	588	52		2.0			0.43		0.5	20	3.00			7.815625	
		21	T021	Newfound River	F								41				7.2	85.7					7.20			42	24.4					2.5	0.93		
					G	6	10.6		2.0	1.5	0.6	0.8		20.4	282.7				14	3	375	41		0.6			0.33		0.3	9	1.55			7.7125	
		22	T022	Smith River	F								73				8.3	96.1					7.27			76	22.8					0.5	0.80		
					G	3	10.4		2.0	2.0	0.5	1.0		62.2	353.2				59	3	320	36		1.1			0.39		0.5	14	1.53			8.05625	
		23	M023	U/S Franklin Falls 1	C	13	10.3		2.0	2.9	0.7	1.9		96.1	293.9				83	3	452	51		0.9			0.36		0.4	13	1.85			7.631	

						Ammonia	Carbon to Nitrogen Ratio	CBOD 20	CBOD 5	Chl-a + Phaeo.	Chl-a to Chl-a + Phaeo. Ratio	Chlorophyll-a	Conductivity	Dissolved Inorganic Nitrogen	Dissolved Organic Nitrogen	E. coli	Field Dissolved Oxygen	Field Dissolved Oxygen Percent	Nitrates	Orthophosphates	Particulate Organic Carbon	Particulate Organic Nitrogen	pH	Phaeophytin	Secchi Depth	Specific Conductivity	Temperature	TKN	Total Dissolved Nitrogen	Total Nitrogen	Total Phosphorus	Total Suspended Solids	Total Water Depth	Turbidity	Winkler Dissolved Oxygen
Sample Date	Event	Station Number	Station ID	Station Name	Sample Type	ug/L	ratio	mg/L	mg/L	mg/L	ratio	ug/L	us/cm	ug/L	ug/L	mpn/100ml	mg/L	%	ug/L	ug/L	ug/L	ug/L	su	ug/L	feet	us/cm @25C	C	mg/L	mg/L	mg/L	ug/L	mg/L	feet	ntu	mg/L
7/27/2010	LF1	50	M050	D/S Hooksett Dam	F								92				8.1	99.3					7.19			91	25.7						22.2		
					G	18	7.2		2.0	14.2	0.5	6.5		199.1	241.7	4			181	3	576	93	7.8				0.35		0.5	21	2.05		11.7	0.70	7.740625
		51	M051	U/S Hooksett WWTF	F								92				7.8	96.7					7.07		7.5	90	26.1								
					G	18	7.9		2.0	13.4	0.4	5.7		179.7	231.5	12			162	3	597	88	7.8				0.34		0.5	17	2.00			7.75	
		52	M052	D/S Hooksett WWTF 1	C	25	7.6		2.0	12.8	0.4	5.2		176.6	429.1				151	3	560	85	7.6				0.54		0.7	19	1.90			7.3875	
					F								91				7.9	97.1					7.05		9.55	89	26.1						15.8	0.40	
					G											4																			
		53	M053	D/S Hooksett WWTF 2, U/S Amoskeag 1	F								92				7.6	94.0					7.38		7.5	89	26.5						18.3	0.50	
					G	1	8.8		2.0	13.0	0.6	8.3		140.7	270.5	4			140	3	883	117	4.7				0.39		0.5	26	2.60			8.34375	
		54	M054	U/S Amoskeag 2	C	8	8.3		2.0	13.8	0.7	9.7		136.9	445.6				129	3	979	138	4.0				0.59		0.7	25	2.80			8.875	
					F								95				8.1	100.0					7.61		7.8	92	26.7						13.0	0.20	
					G											4																			
		55	M055	D/S Amoskeag	F								91				8.4	103.6					7.44			88	26.6						4.6	0.55	
					G	11	8.4		2.0	11.9	0.6	7.3		138.2	239.5	8			127	3	886	124	4.7				0.37		0.5	26	2.73			8.00625	
		56	T056	Piscataquog River	F								173				7.9	96.2					7.25			174	24.8					1.3	1.15		
					G	14	9.0		2.0	5.9	0.6	3.8		169.3	292.6	131			156	3	585	76	2.1				0.38		0.5	16	1.80			7.753125	
		57	M057	U/S Manchester WWTF	F								96				8.2	103.8					7.71			92	27.3					5.0	0.73		
					G	9	8.3		2.0	10.2	0.6	6.3		160.6	322.5				152	3	764	107	3.9				0.44		0.6	20	2.70			8.196875	
		58	M058	D/S Manchester WWTF 1	C	10	7.7	2.0	2.0	9.0	0.7	6.1		195.7	223.9				186	3	1522	231	2.9				0.46		0.7	21	5.00			8.203125	
					F								102				8.4	102.0					7.74			99	26.4						1.8	0.35	
					G											85																			
		59	T059	Cohas Brook	F								424				7.3	90.6					7.40			412	26.6						1.00		
					G	15	9.5		2.0	3.3	0.4	1.4		87.5	378.6				72	6	377	46	1.9				0.44		0.5	20	1.85			7.675	
		60	M060	D/S Manchester WWTF 2	F								125				9.0	114.3					7.96			119	27.4					2.0	0.55		
					G	338	11.9		2.0	9.4	0.6	5.8		551.5	257.2				213	35	2127	209	3.6				0.80		1.0	74	6.35			8.528125	
		61	M061	U/S Derry WWTF	F								118				8.9	111.2					7.74			114	26.9					2.0	0.40		
					G	248	6.6		2.0	10.7	0.6	6.9		477.6	282.5	25			230	22	811	144	3.8				0.67		0.9	65	2.72			8.578125	
		62	M062	D/S Derry WWTF 1	C	140	8.4		2.0	12.4	0.7	9.1		409.6	394.9				269	14	1330	185	3.3				0.72		1.0	62	4.55			7.18125	
					F								114				8.4	104.5					7.41		7	111	26.2					6.3	0.50		
					G											30																			
		63	M063	D/S Derry WWTF 2	F								109				8.2	101.2					7.21		10	108	25.9						9.0	0.50	
					G	91	7.8		2.0	11.8	0.7	7.9		350.7	284.6	44			259	6	894	134	3.9				0.51		0.8	38	3.07			7.703125	
		64	T064	Souhegan River	F								206				7.7	88.7					7.45			222	22.7					1.3	1.05		
					G	14	8.6		2.0	7.6	0.6	4.4		412.7	324.1	54			399	14	618	84	3.2				0.42		0.8	42	3.62			7.70625	
		65	M065	U/S Merrimack WWTF	F								127				7.2	87.0					7.57		5.75	127	25.3					11.5	1.52		

						Ammonia	Carbon to Nitrogen Ratio	CBOD 20	CBOD 5	Chl-a + Phaeo.	Chl-a to Chl-a + Phaeo. Ratio	Chlorophyll-a	Conductivity	Dissolved Inorganic Nitrogen	Dissolved Organic Nitrogen	E. coli	Field Dissolved Oxygen	Field Dissolved Oxygen Percent	Nitrates	Orthophosphates	Particulate Organic Carbon	Particulate Organic Nitrogen	pH	Phaeophytin	Secchi Depth	Specific Conductivity	Temperature	TKN	Total Dissolved Nitrogen	Total Nitrogen	Total Phosphorus	Total Suspended Solids	Total Water Depth	Turbidity	Winkler Dissolved Oxygen
Sample Date	Event	Station Number	Station ID	Station Name	Sample Type	ug/L	ratio	mg/L	mg/L	mg/L	ratio	ug/L	us/cm	ug/L	ug/L	mpn/100ml	mg/L	%	ug/L	ug/L	ug/L	ug/L	su	ug/L	feet	us/cm @25C	C	mg/L	mg/L	mg/L	ug/L	mg/L	feet	ntu	mg/L
7/27/2010	LF1	72	M372	Equip Blank	R	74	9.7		2.0	0.1		0.1		75.5	95.5				1	3	62	7		0.1				0.18		0.2	2	0.17			
		WW1	LINCOLN WW	Lincoln	E	15664	8.1	10.0	4.5					18095.9	135.9				2432	3182	4602	664						16.46		18.9	3956	10.20			
		WW10	HOOKSETT WW	Hooksett	E	15602	6.3	60.0	18.0					19335.4	1.0				3733	2493	10284	1908						17.51		21.2	3944	26.20			
		WW11	MANCH WW	Manchester	E	16740	6.3	18.0	9.9					20204.4	895.4				3465	3050	6815	1266						18.90		22.4	4264	16.10			
		WW12	DERRY WW	Derry	E	3666	6.7	18.0	6.4					20144.1	99.5				16478	4609	5700	989						4.75		21.2	5461	14.27			
		WW13	MERR WW	Merrimack	E	258	6.8	19.0	9.6					15957.5	519.3				15700	7791	9240	1579						2.36		18.1	10910	19.75			
		WW14	NASHUA WW	Nashua	E	14680	6.4	20.0	8.8					30800.8	1088.4				16121	1263	2532	458						16.23		32.3	2097	6.87			
		WW2	WOODSTOCK WW	Woodstock	E	209	6.7	5.5	2.0					9700.6	911.9				9492	3493	3037	526						1.65		11.1	4181	7.70			
		WW3	PLYVILL WW	Plymouth Village	E	3163	7.2	14.0	8.2					19991.5	466.1				16828	4195	3982	643						4.27		21.1	5520	10.60			
		WW4	BRISTOL WW	Bristol	E	2984	7.2	11.0	7.5					19835.5	750.6				16852	5767	4733	768						4.50		21.4	6657	13.00			
		WW5	WINN/FRANK WW	Winnepesaukee	E	33712	6.3	18.0	12.0					34106.8	1.0				395	2837	10290	1912						35.63		36.0	3956	26.60			
		WW6	MERR CO WW	Merrimack County	E	7380	7.1	7.0	3.8					9987.3	1053.3				2607	5329	3196	526						8.96		11.6	5859	8.30			
		WW7	PENA WW	Penacook	E	1855	6.8	13.0	6.4					3219.0	1443.7				1364	3395	4333	745						4.04		5.4	4738	11.60			
		WW8	HALL ST WW	Hall St	E	26879	6.3	18.0	12.0					27086.6	1.0				207	2337	8892	1659						28.54		28.7	3364	23.80			
		WW9	ALLENS/SUNCOOK WW	Allentown	E	6737	6.0	8.1	11.0					9373.3	1881.4				2636	5288	5454	1065						9.68		12.3	5979	13.00			
9/21/2010	LF2	1	M001	Headwaters	F								45				11.0	98.0					6.87			63	10.1						0.5	1.05	
					G	74	15.7		3.0			0.5		200.8	235.0	8			126	3	153	11						0.32		0.4	11	2.00			10.722
			M101	Blank	B	17	17.6		3.0			0.5		17.9	78.0				1	3	51	3						0.10		0.1	2	1.00			
				Headwaters	B											4																			
			M201	Dup	D	145	12.1		3.0			0.5		272.0	260.4				127	3	126	12						0.42		0.5	10	1.00			10.086
				Headwaters	D											8																			
			M301	Equip Blank	R	20	26.4		3.0			0.5		21.0	115.7				1	3	51	2						0.14		0.1	2	1.00			
				Headwaters	R											4																			
		2	T002	U/S Lincoln WWTF	F								18				11.1	96.6					6.73			25	9.2						3.0	1.05	
					G	3	14.4		3.0			0.5		159.7	188.0	4			157	2	113	9						0.20		0.4	8	1.00			10.338
		3	T003	D/S Lincoln WWTF 1	F								24				11.1	102.7					6.81			31	11.7						3.0	1.25	
					G											4																			
				D/S Lincoln WWTF 1	G	102	13.7	3.0	3.0			0.5		309.8	222.5				208	15	181	15						0.34		0.5	26	1.00			10.266
		4	T004	D/S Lincoln WWTF 2	F								26				10.7	98.7					6.90			34	11.8						2.0	1.15	
					G											25																			
				D/S Lincoln WWTF 2	G	88	11.1		3.0			0.5		269.0	182.9				181	14	141	15						0.29		0.5	22	1.00			9.996
		5	M005	U/S Woodstock WWTF	F								33				10.3	96.7					6.84			44	12.4						3.5	0.95	
					G	55	13.2		3.0			0.5		223.1	240.8	4			168	9	187	17						0.31		0.5	15	1.00			9.634
		6	M006	D/S Woodstock WWTF1	C	74	9.8		3.0			0.5		256.9	325.7				183	12	235	28													

						Ammonia	Carbon to Nitrogen Ratio	CBOD 20	CBOD 5	Chl-a + Phaeo.	Chl-a to Chl-a + Phaeo. Ratio	Chlorophyll-a	Conductivity	Dissolved Inorganic Nitrogen	Dissolved Organic Nitrogen	E. coli	Field Dissolved Oxygen	Field Dissolved Oxygen Percent	Nitrates	Orthophosphates	Particulate Organic Carbon	Particulate Organic Nitrogen	pH	Phaeophytin	Secchi Depth	Specific Conductivity	Temperature	TKN	Total Dissolved Nitrogen	Total Nitrogen	Total Phosphorus	Total Suspended Solids	Total Water Depth	Turbidity	Winkler Dissolved Oxygen
Sample Date	Event	Station Number	Station ID	Station Name	Sample Type	ug/L	ratio	mg/L	mg/L	mg/L	ratio	ug/L	us/cm	ug/L	ug/L	mpn/100ml	mg/L	%	ug/L	ug/L	ug/L	ug/L	su	ug/L	feet	us/cm @25C	C	mg/L	mg/L	mg/L	ug/L	mg/L	feet	ntu	mg/L
9/21/2010	LF2	13	M013	D/S Plymouth Village WWTF 1	F								49				10.5	100.5					7.16			63	13.3						2.2	0.90	
					G											25																			
		15	T015	Squam River	F								44				9.2	95.9					7.26			52	17.2						3.8	0.00	
					G	9	11.3		3.0			0.8		19.1	245.7				10	3	283	29						0.28		0.3	9	1.00		8.49	
		16	M016	U/S Ayers Island 1	F								43				9.3	91.3					7.07			54	14.5						13.0	0.10	
					G	7	9.9		3.0			1.6		92.9	227.8	4			86	3	398	47						0.28		0.4	8	1.00		8.658	
		17	M017	U/S Ayers Island 2	F								65				8.5	88.3					6.98		8.5	77	17.1						33.0	0.20	
					G	6	9.1		3.0			8.4		91.0	216.8	8			85	3	686	88						0.31		0.4	7	2.00		8.528	
		18	M018	D/S Ayers Island, U/S Bristol WWTF	F								67				9.1	92.6					7.12			80	16.4						3.0	0.15	
					G	17	9.9		3.0			4.2		133.9	191.2	12			117	3	572	68						0.28		0.4	12	2.00		8.92	
		19	M019	D/S Bristol WWTF 1	C	23	10.5		3.0			3.4		171.9	191.0				149	8	532	59						0.27		0.4	16	1.00		8.726	
					F								66				9.2	93.8					7.42			79	16.5						3.0	0.10	
					G											4																			
		20	M020	D/S Bristol WWTF 2	F								67				9.3	94.6					7.19			80	16.1						3.5	0.20	
					G	28	10.5		3.0			2.9		180.8	168.0	8			153	5	425	47						0.24		0.4	11	2.00		9.108	
		21	T021	Newfound River	F								33				9.6	104.6					6.93			39	18.4						2.5	0.90	
					G	13	11.0		3.0			0.6		26.6	225.7				14	3	214	23						0.26		0.3	5	1.00		8.274	
		22	T022	Smith River	F								75				9.9	95.6					7.45			95	14.0						1.0	0.00	
					G	3	11.1		3.0			0.5		96.3	197.0				94	3	224	24						0.22		0.3	4	1.00		9.508	
		23	M023	U/S Franklin Falls 1	C	2	9.7		3.0			2.7		115.2	180.1				113	4	364	44						0.23		0.3	14	2.00		8.898	
					F								67				8.9	92.4					7.14			79	17.0						17.0	0.35	
					G											39																			
		24	M024	D/S Franklin Falls, U/S Eastman Falls 1	C	8	9.1		3.0			2.7		105.2	282.3				98	5	457	59						0.35		0.4	11	1.00		9.196	
					F								67				9.1	95.7					7.11		10	79	17.5						21.0	0.25	
		25	M025	U/S Eastman Falls 2	C	1	8.9		3.0			3.1		100.3	198.7				100	3	480	63						0.26		0.4	9	1.00		8.748	
					F								68				8.9	93.8					7.03		10.25	78	18.1						30.0	0.40	
					G											4																			
		26	M026	D/S Eastman Falls	F								67				10.3	107.2					7.17			78	17.3						3.0	0.25	
					G	19	9.0		3.0			3.5		121.2	415.3				103	5	488	64						0.50		0.6	11	1.00		9.418	
		27	T027	Chance Pond Brook	F								129				9.7	91.2					7.09			137	12.5						1.5	0.50	
					G	34	12.1		3.0			0.6		414.9	171.7				380	5	461	45						0.25		0.6	12	1.00		8.05	
		28	M128	Winnepesaukee River	B											4																			
			M228	Winnepesaukee River	D											34																			
			T028	Winnepesaukee River	F								58				10.9	113.0					7.41			83	16.9						2.0	98.90	
					G	11	9.7		3.0			1.1		23.0	378.5				12	3	313	37						0.43		0.4	13	2.00		8.958	
			T128	Blank	B	11	16.9		3.0			0.5		12.2	80.0				1	3	74	5						0.10		0.1	2	1.00			
			T228	Dup	D	9	9.4		3.0			0.9		23.4	280.8				15	3	303	38						0.33		0.3	12	2.00			
			T328	Equip Blank	R	18	11.8		3.0			0.5		19.8	120.6				2	3	109	11						0.15		0.2	2	1.00			
		29	M029	U/S Winnepesaukee WWTF	F								68				10.9	110.1					7.49			78	17.8						1.0	0.85	
					G	22	10.1		3.0			2.2		112.1	35																				

						Ammonia	Carbon to Nitrogen Ratio	CBOD 20	CBOD 5	Chl-a + Phaeo.	Chl-a to Chl-a + Phaeo. Ratio	Chlorophyll-a	Conductivity	Dissolved Inorganic Nitrogen	Dissolved Organic Nitrogen	E. coli	Field Dissolved Oxygen	Field Dissolved Oxygen Percent	Nitrates	Orthophosphates	Particulate Organic Carbon	Particulate Organic Nitrogen	pH	Phaeophytin	Secchi Depth	Specific Conductivity	Temperature	TKN	Total Dissolved Nitrogen	Total Nitrogen	Total Phosphorus	Total Suspended Solids	Total Water Depth	Turbidity	Winkler Dissolved Oxygen
Sample Date	Event	Station Number	Station ID	Station Name	Sample Type	ug/L	ratio	mg/L	mg/L	mg/L	ratio	ug/L	us/cm	ug/L	ug/L	mpn/100ml	mg/L	%	ug/L	ug/L	ug/L	ug/L	su	ug/L	feet	us/cm @25C	C	mg/L	mg/L	mg/L	ug/L	mg/L	feet	ntu	mg/L
9/21/2010	LF2	36	M036	U/S Penacook WWTF	C	18	8.6		3.0			2.4		168.3	327.8				150	3	538	73						0.42		0.6	17	2.00			9.08
					F								75				9.6	99.7					7.71			88	17.4					7.5			
		37	M037	D/S Penacook WWTF 1	C	39	8.5		3.0			2.7		213.9	370.8				174	7	433	59						0.47		0.6	23	2.00			8.532
					F								75				9.2	95.4					7.82			89	17.0					2.5	1.95		
					G											34																			
		38	M038	D/S Penacook WWTF 2	F								79				11.1	116.9					7.50			93	17.3						13.0	0.70	
					G	19	8.5		3.0			2.9		185.6	230.1	8			166	6	344	47						0.30		0.5	22	1.00			8.688
		39	M039	U/S Concord	F								76				9.2	96.8					7.42			89	17.6					3.3	0.00		
					G	10	8.1		3.0			2.5		152.4	243.2	34			142	3	319	46						0.30		0.4	15	2.00			9.044
		40	M040	U/S Hall Street WWTF	C	24	9.3		3.0			2.6		174.5	454.5				150	5	405	51						0.53		0.7	23	1.00			9.116
					F								78				9.8	103.3					7.48			90	17.8					5.8	0.10		
					G											25																			
		41	M041	D/S Hall Street WWTF 1, U/S Garvins Falls 1	C	123	7.8	3.0	3.0			3.5		269.5	431.9				146	5	468	70						0.63		0.8	23	1.00			8.824
					F								78				9.5	100.4					7.54			91	17.9					6.2	4.35		
					G											4																			
			M141	Blank	B	14	10.8	3.0	3.0			0.5		14.0	65.6				1	3	63	7						0.09		0.1	2	1.00			
				D/S Hall Street WWTF 1, U/S Garvins Falls 1	B											12																			
			M241	D/S Hall Street WWTF 1, U/S Garvins Falls 1	D											21																			
				Dup	D	50	8.5	3.0	3.0			3.8		197.7	487.6				148	5	465	64						0.60		0.7	21	1.00			8.442
			M341	D/S Hall Street WWTF 1, U/S Garvins Falls 1	R											4																			
				Equip Blank	R	23	10.6	3.0	3.0			0.5		27.9	291.0				5	3	111	12						0.33		0.3	2	1.00			
		42	M042	D/S Hall Street WWTF 2, U/S Garvins Falls	F								84				9.2	96.5					7.50		5	97	17.8					13.9			
					G	188	7.6		3.0			3.1		343.9	216.7	12			156	48	472	72						0.48		0.6	67	1.00			8.664
		43	M043	D/S Garvins Falls	F								84				7.2	77.4					7.49			95	18.9					3.2	0.70		
					G											4																			
				D/S Garvins Falls	G	179	7.9		3.0			2.8		365.6	229.1				187	55	443	65						0.47		0.7	69	1.00			9.322
		44	T044	Soucook River	F								172				7.8	76.4					7.22			217	14.0					1.0	0.95		
					G	2	9.2		3.0			0.6		290.1	169.8				288	2	225	28						0.20		0.5	10	1.00			10.018
		45	M045	U/S Hooksett 1	C	146	8.3		3.0			2.8		335.3	233.3				189	32	458	65						0.44		0.6	48	1.00			9.07
					F								84				8.3	83.6					7.32			96	18.3					6.1	1.20		
					G											16																			
		46	T046	Suncook River	F								102				6.7	72.0					7.41			115	19.4					1.8	0.10		
					G	64	8.8		3.0			6.2		245.1	293.3				181	13	560	74						0.43		0.6	32	1.00			8.436
		47	M047	U/S Suncook WWTF	C	94	9.0		3.0			2.2		294.1	242.3				200	20	398	51						0.39		0.6	34	2.00			7.942
					F								96				6.4	72.0					7.45		9	98	24.3					12.5	0.90		
					G											4																			
		48	M048	D/S Suncook WWTF 1	C	133	8.0		3.0			2.7		357.3	372.3				224	26	411	60						0.57		0.8	39	2.00			7.67
					F								91				8.9	100.8					7.21			97	21.8					6.0			
					G											8																			
		49	M049	U/S Hooksett 2, D/S Suncook WWTF 2	C	115	9.4		3.0			1.5		336.0	260.7				221	25	344	42						0.42		0.6	41	1.00			7.962
					F																														

					Ammonia	Carbon to Nitrogen Ratio	CBOD 20	CBOD 5	Chl-a + Phaeo.	Chl-a to Chl-a + Phaeo. Ratio	Chlorophyll-a	Conductivity	Dissolved Inorganic Nitrogen	Dissolved Organic Nitrogen	E. coli	Field Dissolved Oxygen	Field Dissolved Oxygen Percent	Nitrates	Orthophosphates	Particulate Organic Carbon	Particulate Organic Nitrogen	pH	Phaeophytin	Secchi Depth	Specific Conductivity	Temperature	TKN	Total Dissolved Nitrogen	Total Nitrogen	Total Phosphorus	Total Suspended Solids	Total Water Depth	Turbidity	Winkler Dissolved Oxygen	
Sample Date	Event	Station Number	Station ID	Station Name	Sample Type	ug/L	ratio	mg/L	mg/L	mg/L	ratio	ug/L	us/cm	ug/L	ug/L	mpn/100ml	mg/L	%	ug/L	ug/L	ug/L	ug/L	su	ug/L	feet	us/cm @25C	C	mg/L	mg/L	mg/L	ug/L	mg/L	feet	ntu	mg/L
9/21/2010	LF2	56	T056	Picataquog River	F							210				9.3	93.6					7.47			255	15.8						0.5	0.15		
					G											112																			
				Piscataquog River	G	15	8.9		3.0			2.6		350.4	262.4				335	3	339	44						0.32		0.7	13	1.00			8.604
		57	M057	U/S Manchester WWTF	F							105					9.8	108.6					7.61			116	20.3						7.5	0.40	
					G	100	11.1		3.0			1.3		388.2	349.4				288	19	342	36						0.49		0.8	28	1.00			9.208
		58	M058	D/S Manchester WWTF 1	C	110	11.0		3.0			6.0		411.1	270.2				301	21	1247	133						0.51		0.8	47	12.00			
					F							110					9.5	103.7					8.19			122	19.5						2.1	0.65	
					G											87																			
		59	T059	Cohas Brook	F							393					8.7	75.6					7.53			462	17.2						1.1	0.10	
					G	22	0.0		3.0			3.0		86.4	337.3	138			65	4	0	0						0.36		0.4	18	1.00			8.25
		60	M060	D/S Manchester WWTF 2	F							118					8.5	91.0					7.61			134	18.9						5.8	0.50	
					G	320	7.6		3.0			2.2		643.2	303.7	44			323	55	407	63						0.69		1.0	64	1.00			9.746
		61	M061	U/S Derry WWTF	F							125					9.2	99.5					7.62			139	19.5						8.5	0.70	
					G	417	7.9		3.0			1.8		753.4	358.4	39			336	66	406	60						0.84		1.2	82	1.00			8.672
		62	M062	D/S Derry WWTF 1	C	324	8.4		3.0			2.9		743.0	368.8				419	70	433	60						0.75		1.2	83	1.00			8.148
					F							126					8.8	95.7					7.76			142	19.3						20.0	0.70	
					G											48																			
		64	T064	Souhegan River	F							233					10.6	111.2					7.90			273	17.4						1.3	1.50	
					G	61	8.2		3.0			6.1		712.7	375.0	2190			652	18	541	77						0.51		1.2	43	3.00			11.05
		65	M065	U/S Merrimack WWTF	F							125					9.1	98.9					7.26			141	19.1						10.0	0.45	
					G	184	8.0		3.0			2.0		608.4	320.3	4			425	47	444	65						0.57		1.0	65	1.00			8.086
			M165	Blank	B	14	13.1		3.0			0.5		15.0	96.9				1	3	53	5						0.12		0.1	2	1.00			
				U/S Merrimack WWTF	B											4																			
			M265	Dup	D	173	8.3		3.0			2.0		619.1	335.8				446	51	379	54						0.56		1.0	66	1.00			7.646
				U/S Merrimack WWTF	D											4																			
			M365	Equip Blank	R	34	15.3		3.0			0.5		36.4	207.5				3	3	68	5						0.25		0.2	2	1.00			
				U/S Merrimack WWTF	R											25																			
		66	M066	D/S Merrimack WWTF 1	C	218	9.7	3.0	3.0			2.0		719.4	289.8				501	67	498	60						0.57		1.1	88	1.00			
					F							130					8.5	93.1					7.70			146	19.4						9.6	0.20	
					G											44																			
		67	M067	D/S Merrimack WWTF 2	F							127					8.9	97.2					7.10			141	19.7						12.0	0.05	
					G											4																			
				D/S Merrimack WWTF 2	G	191	8.2		3.0			1.8		676.5	475.6				486	60	384	54						0.72		1.2	78	1.00			7.828
		68	T068	Nashua River	F							271					10.2	107.8					7.28			313	18.1						2.0	0.25	
					G	20	9.0		3.0			4.6		894.2	531.5	53			874	5	736	95						0.65		1.5	17	2.00			9.034
		69	T069	Salmon Brook	F							448					9.1	96.0					7.31			514	18.2						1.0	1.30	
					G	55	9.3		3.0			3.3		399.0	463.3	144			344	5	594	75						0.59		0.9	23	1.00			7.

						Ammonia	Carbon to Nitrogen Ratio	CBOD 20	CBOD 5	Chl-a + Phaeo.	Chl-a to Chl-a + Phaeo. Ratio	Chlorophyll-a	Conductivity	Dissolved Inorganic Nitrogen	Dissolved Organic Nitrogen	E. coli	Field Dissolved Oxygen	Field Dissolved Oxygen Percent	Nitrates	Orthophosphates	Particulate Organic Carbon	Particulate Organic Nitrogen	pH	Phaeophytin	Secchi Depth	Specific Conductivity	Temperature	TKN	Total Dissolved Nitrogen	Total Nitrogen	Total Phosphorus	Total Suspended Solids	Total Water Depth	Turbidity	Winkler Dissolved Oxygen	
Sample Date	Event	Station Number	Station ID	Station Name	Sample Type	ug/L	ratio	mg/L	mg/L	mg/L	ratio	ug/L	us/cm	ug/L	ug/L	mpn/100ml	mg/L	%	ug/L	ug/L	ug/L	ug/L	su	ug/L	feet	us/cm @25C	C	mg/L	mg/L	mg/L	ug/L	mg/L	feet	ntu	mg/L	
9/21/2010	LF2	WW7	PENA WW	Penacook	E	1203	7.2	8.0	4.0					3036.0	1468.0				1833	3522	3832	623						3.29		5.1	4175	8.00				
		WW8	HALL ST WW	Hall St	E	28810	6.5	17.0	7.0					29360.3	1.0				550	4179	6324	1127						29.94		29.3	4698	12.00				
		WW9	ALLENS/SUNCOOK WW	Allenstown	E	3753	6.9	24.0	5.0					12511.8	2817.2				8759	7422	10545	1793						8.36		17.1	9045	15.00				
5/17/2012	HF1	1	M001	Headwaters	F								37				12.0	108.4					6.02			48	9.8						1.8	2.20		
					G	27			3.0					158.8	233.7				132	2								0.26	0	0.6	5	1.00				
		2	T002	U/S Lincoln WWTF	F				3.0						180.4	282.0				153	2			6.01			21	10.3		0.31	0	0.6	2	1.00		2.2
		3	T003	D/S Lincoln WWTF 1	F												11.1	104.3					6.11			27	11.0						3.0	2.95		
					G																							0.35		0.8						
				D/S Lincoln WWTF 1	G	84			3.0					250.7	264.9				166	4										1		9	1.00			
		4	T004	D/S Lincoln WWTF 2	F												11.4	109.7					6.10			23	12.4						2.0	2.00		
					G																							0.27		0.6						10.2624
				D/S Lincoln WWTF 2	G	27			3.0					171.7	241.5				145	2									0		2	1.00				
		6	M006	D/S Woodstock WWTF1	F							28					10.1	100.7					6.37			36	13.7								4.05	
					G	25			3.0					158.3	234.1				133	2								0.26	0	0.6	3	1.00				
		8	M008	Woodstock Gage	F												10.8	105.7					6.16			30	13.1						2.9	2.85		
					G	24			3.0					148.9	205.9	1			124	2								0.23	0	0.5	4	1.00				
			M108	Woodstock Gage	B											1																				
			M208	Woodstock Gage	D											1																				
			M308	Woodstock Gage	R											1																				
		9	M009	Campton	F							26					9.7	90.3					4.85			33	10.9						2.2	7.60		
					G	14			3.0			0.5		124.4	159.1				110	2								0.17	0	0.4	3	2.00			10.0256	
		10	T010	Mad River	F							31					10.6	97.0					5.61			40	10.1						1.2	27.70		
					G	33			3.0					149.1	224.7				116	2								0.26	0	0.5	16	11.00				
		11	T011	Baker River	F							34					9.1	90.1					5.84			42	13.5						2.5	14.60		
					G	19			3.0					79.4	204.9				60	2								0.22	0	0.4	9	8.00				
		12	M012	U/S Plymouth Village WWTF	F							30					10.0	97.0					6.24			38	12.5						5.5	8.25		
					G																							0.20		0.4						
				U/S Plymouth Village WWTF (at USGS gage)	G	18			3.0					123.3	180.5				105	2									0		6	5.00				
		13	M013	D/S Plymouth Village WWTF 1	F							29					10.0	96.1					6.22			36	12.2						4.0	8.65		
					G	44			3.0					215.2	322.5				171	4								0.37	1	0.8	14	5.00				
		15	T015	Squam River	F							80					6.0	62.1					6.56			96	15.0							6.05		
					G	47			3.0					146.3	198.7				99	2								0.25	0	0.5	8	3.00				
		17	M017	U/S Ayers Island 2	F							32					8.4	84.1					6.31		9.3	39	14.0						23.0	3.20		
					G	21			3.0			0.7		137.5	218.6				117	2								0.24	0	0.5	8	3.00			9.7408	
		18	M018	D/S Ayers Island, U/S Bristol WWTF	F							28					10.2	98.7					5.72			35	12.2							14.35		
					G	24			3.0					108.9	214.4				85	2								0.24	0	0.4	7	4.00				
		20	M020	D/S Bristol WWTF 2	F							28					7.7	77.5					6.19			34	13.9							9.40		
					G	19			3.0					100.2	197.4				81	2								0.22	0	0.4	8	4.00			9.7984	
		21	T021	Newfound River	F							38					9.4	93.9					5.97			47	13.6						2.2	3.65		
					G	21			3.0					67.3	174.0				46	2								0.20	0	0.3	7	2.00				
		22	T022	Smith River	F							37					9.8	101.8					6.60			44	15.7									

					Ammonia	Carbon to Nitrogen Ratio	CBOD 20	CBOD 5	Chl-a + Phaeo.	Chl-a to Chl-a + Phaeo. Ratio	Chlorophyll-a	Conductivity	Dissolved Inorganic Nitrogen	Dissolved Organic Nitrogen	E. coli	Field Dissolved Oxygen	Field Dissolved Oxygen Percent	Nitrates	Orthophosphates	Particulate Organic Carbon	Particulate Organic Nitrogen	pH	Phaeophytin	Secchi Depth	Specific Conductivity	Temperature	TKN	Total Dissolved Nitrogen	Total Nitrogen	Total Phosphorus	Total Suspended Solids	Total Water Depth	Turbidity	Winkler Dissolved Oxygen	
Sample Date	Event	Station Number	Station ID	Station Name	Sample Type	ug/L	ratio	mg/L	mg/L	mg/L	ratio	ug/L	us/cm	ug/L	ug/L	mpn/100ml	mg/L	%	ug/L	ug/L	ug/L	ug/L	su	ug/L	feet	us/cm @25C	C	mg/L	mg/L	mg/L	ug/L	mg/L	feet	ntu	mg/L
5/17/2012	HF1	27	T327	Chance Pond Brook	G																						0.29		0.5						
					R	49			3.0					113.5	240.4				64	2								0		2	1.00				
		28	T028	Winnepesaukee River	F												9.9	104.2					6.62			93	16.5					2	1.00	6.0	6.30
					G	26			3.0					40.3	404.4	48			14	2							0.43	0	0.5	14	4.00				
		30	M030	D/S Winnepesaukee WWTF 1	F												11.6	118.2					6.24			52	14.4					3.5	5.70		
					G	11		3.0	3.0					101.9	159.4				91	2							0.17	0	0.4	13	4.00			10.3168	
		32	M032	U/S Merrimack County WWTF	F												11.6	118.4					6.57			54	14.9					8.0	5.20		
					G	53			3.0					142.4	297.8				89	2							0.35	0	0.6	15	3.00				
		33	M033	D/S Merrimack County WWTF 1	F												11.1	113.0					6.35			54	14.9					8.0	4.95		
					G	51			3.0					141.7	190.7				90	2							0.24	0	0.5	16	4.00				
		35	T035	Contoocook River	F							53					10.5	110.3					6.29			63	15.8					9.9	2.60		
					G	27			3.0					86.2	288.5				59	2							0.32	0	0.5	20	2.00				
					(blank)																												3.72		
		36	M036	U/S Penacook WWTF	F							52					11.0	111.2					6.67			63	14.1						11.0		
					G	74			3.0					177.5	249.5				104	3							0.32	0	0.6	13	5.00				
			M136	U/S Penacook WWTF	B	30		3.0	3.0					36.0	141.9				6	2								0		2	1.00				
					G																						0.17		0.2						
			M236	U/S Penacook WWTF	D	46		3.0	3.0					141.1	236.7				95	2								0		9	6.00				
					G																						0.28		0.5						
			M336	U/S Penacook WWTF	G																						0.95		1.0						
					R	29		3.0	3.0					31.6	918.1				3	2									1		4	1.00			
		37	M037	D/S Penacook WWTF 1	F							53					10.8	108.5					6.68			65	14.0					7.6	5.80		
					G	47		3.0	3.0					145.4	185.0				98	2							0.23	0	0.5	10	5.00				
		39	M039	U/S Concord	F							52					10.9	111.1					6.43			63	14.8						11.5	5.50	
					G	48			3.0					141.5	294.4				93	3							0.34	0	0.6	12	6.00				
		41	M041	D/S Hall Street WWTF 1, U/S Garvins Falls 1	F							53					10.8	109.9					6.67			64	14.9					17.6	6.00		
					G	43		3.0	3.0		1.8			138.9	213.2	50			96	2							0.26	0	0.5	12	8.00			9.312	
		44	T044	Soucook River	F							77					8.5	85.2					6.59		2	93	14.5					3.5	14.00		
					G	13			4.0					94.7	273.8				81	2							0.29	0	0.5	26	6.00				
		45	M045	U/S Hooksett 1	F							61					9.1	91.4					6.44			74	14.1					8.5	12.35		
					G	64			4.0		2.2			201.8	300.5				138	2							0.36	1	0.7	17	6.00				
		46	T046	Suncook River	F							61					8.6	89.8					6.33			72	16.0					3.5	8.70		
					G	36			3.0					111.5	406.3				76	2							0.44	1	0.6	25	4.00				
		48	M048	D/S Suncook WWTF 1	F							62					9.1	92.0					6.55			75	14.4					7.5	11.65		
					G	49			3.0					201.4	261.0				152	2							0.31	0	0.7	15	7.00				
		51	M051	U/S Hooksett WWTF	F							61					10.3	104.8					6.61		3.5	74	14.7					11.0	11.00		
					G	44			3.0					167.7	259.3				124	2							0.30	0	0.6	19	6.00				
		52	M052	D/S Hooksett WWTF 1	F							61					9.4	96.0					6.70		3.05	74	14.7					17.0	11.40		
					G	59		3.0	3.0					161.8	515.5				102	3							0.57	1	0.8	19	5.00			9.488	
		54	M054	U/S Amoskeag 2	F							63					9.2	94.2					6.56		4	76	14.9					15.0	12.75		
					G	59			3.0		2.2			190.2	245.7				131	2							0.30	0	0.6	15	7.00				
		55	M055	D/S Amoskeag	F							65					8.8	90.9					6.49			77	15.6					11.0	11.80		
					G																														

Sample Date	Event	Station Number	Station ID	Station Name	Sample Type	Ammonia	Carbon to Nitrogen Ratio	CBOD 20	CBOD 5	Chl-a + Phaeo.	Chl-a to Chl-a + Phaeo. Ratio	Chlorophyll-a	Conductivity	Dissolved Inorganic Nitrogen	Dissolved Organic Nitrogen	E. coli	Field Dissolved Oxygen	Field Dissolved Oxygen Percent	Nitrates	Orthophosphates	Particulate Organic Carbon	Particulate Organic Nitrogen	pH	Phaeophytin	Secchi Depth	Specific Conductivity	Temperature	TKN	Total Dissolved Nitrogen	Total Nitrogen	Total Phosphorus	Total Suspended Solids	Total Water Depth	Turbidity	Winkler Dissolved Oxygen
						ug/L	ratio	mg/L	mg/L	mg/L	ratio	ug/L	us/cm	ug/L	ug/L	mpn/100ml	mg/L	%	ug/L	ug/L	ug/L	ug/L	su	ug/L	feet	us/cm @25C	C	mg/L	mg/L	mg/L	ug/L	mg/L	feet	ntu	mg/L
5/17/2012	HF1	64	T064	Souhegan River	F								82				9.8	102.8					7.53			95	17.6						6.0	1.91	
					G	23			3.0					199.7	564.0	111			176	5								0.59	1	1.0	26	4.00			
		65	M065	U/S Merrimack WWTF	F								72				8.6	90.4					6.75		4.45	86	16.1						15.4	8.45	
					G	95			3.0			2.2		225.3	401.1				130	6								0.50	1	0.9	19	7.00			
		66	M066	D/S Merrimack WWTF 1	F								68				8.0	84.4					6.88		4.9	80	16.1						19.2	29.00	
					G	93		3.0	3.0					255.0	490.9				162	8								0.58	1	1.0	28	4.00			
		68	T068	Nashua River	F								172				6.6	74.0					7.09			197	19.2						4.4	10.50	
					G	67			3.0					681.9	418.5	30			615	8								0.49	1	1.8	30	3.00			
		69	T069	Salmon Brook	F								277				7.2	79.9					7.14			313	19.0						4.0	8.50	
					G	108			3.0					397.4	428.4				289	3								0.54	1	1.2	31	4.00			
		70	M070	U/S Nashua WWTF	F								80				8.6	91.7					7.21		4.75	100	16.8						19.3	9.25	
					G	90			3.0			2.6		301.7	267.0				212	2								0.36	1	0.9	30	4.00			
			M170	U/S Nashua WWTF	B	30			3.0			0.5		33.9	67.4				4	2									0		2	1.00			
					G																							0.10		0.1					
			M270	U/S Nashua WWTF	D	73			3.0			2.9		252.0	294.6				179	8									1		24	5.00			
					G																							0.37		0.8					
			M370	U/S Nashua WWTF	G																							0.12		0.2					
					R	37			3.0			0.5		39.5	82.3				2	2									0		2	1.00			
		71	M071	D/S Nashua WWTF 1	F								80				8.2	87.8					6.93		5.25	99	16.9						13.6	13.30	
					G	90		3.0	3.0					330.4	318.0				240	2								0.41	1	1.0	16	6.00			
		WW1	LINCOLN WW	Lincoln	E	18906		7.0	3.0					19596.4	1065.3				690	2434								19.97	21	40.3	2575	4.00			
		WW10	HOOKSETT WW	Hooksett	E	294		14.0	8.0					2414.9	2965.2				2121	1640								3.26	5	7.8	1929	11.00			
		WW11	MANCH WW	Manchester	E	10870		16.0	7.0					12606.0	1912.6				1736	1173								12.78	15	27.1	1368	4.00			
		WW12	DERRY WW	Derry	E	19718		8.0	3.0					23704.3	3100.6				3986	4862								23.65	27	48.8	4904	4.00			
		WW13	MERR WW	Merrimack	E	335		16.0	8.0					12051.6	3275.0				11717	5727								3.61	15	27.4	7225	8.00			
		WW14	NASHUA WW	Nashua	E	6189		13.0	4.0					14920.4	2311.3				8731	938								8.50	17	32.2	1158	4.00			
		WW2	WOODSTOCK WW	Woodstock	E	155		7.0	5.0					3837.9	8254.5				3683	1532								8.41	12	15.9	1628	3.00			
		WW3	PLYVILL WW	Plymouth Village	E	7168		20.0	8.0					14817.8	2591.1				7650	3797								9.76	17	32.2	4554	7.00			
		WW4	BRISTOL WW	Bristol	E	694		17.0	9.0					7896.0	2823.1				7202	3173								3.52	11	18.6	3637	12.00			
		WW5	WINN/FRANK WW	Winnepesaukee	E	20652		18.0	6.0					20885.0	1824.5				233	1725								22.48	23	43.6	2485	8.00			
		WW6	MERR CO WW	Merrimack County	E	12386		9.0	4.0					18982.7	1883.9				6597	5408								14.27	21	39.8	6705	5.00			
		WW7	PENA WW	Penacook	E	11995		15.0	7.0					12444.4	622.7				449	502								12.62	13	25.5	1271	10.00			
		WW8	HALL ST WW	Hall St	E	22934		13.0	5.0					24036.8	720.4				1103	2694								22.82	25	50.5	2854	5.00			
		WW9	ALLENS/SUNCOOK WW	Allenstown	E	1702		11.0	5.0					10981.4	2927.5				9279	974								4.63	14	24.9	3951	11.00			

Data Tables

Listed by Sampling Station

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Headwaters 24C-PMI	M001-G-LF2	9/21/2010	LF2	10:45 AM	Ammonia	74.4	ug/L	J	SMAST	G
					Carbon to Nitrogen Ratio	16	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.50	ug/L	<	EAI	G
					Dissolved Inorganic Nitrogen	200.8	ug/L	J	SMAST	G
					Dissolved Organic Nitrogen	235.0	ug/L		SMAST	G
					E. coli	8	mpn/100ml		EPA	G
					Nitrates	126.3	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L	<	SMAST	G
					Particulate Organic Carbon	153	ug/L		SMAST	G
					Particulate Organic Nitrogen	11.4	ug/L		SMAST	G
					TKN	0.321	mg/L		SMAST	G
					Total Nitrogen	0.447	mg/L		SMAST	G
					Total Phosphorus	10.76	ug/L		SMAST	G
					Total Suspended Solids	2.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	10.7	mg/L		SMAST	G
	M001-F-LF2	9/21/2010	LF2	10:40 AM	Conductivity	44	us/cm		FIELD	F
					Field Dissolved Oxygen	11.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	97.5	%		FIELD	F
					pH	6.8	su		FIELD	F
					Specific Conductivity	62	us/cm@25C		FIELD	F
					Temperature	9.7	C		FIELD	F
					Total Water Depth	0.5	feet		FIELD	F
					Turbidity	1.0	ntu		FIELD	F
				11:40 AM	Conductivity	45	us/cm		FIELD	F
					Field Dissolved Oxygen	11.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	98.5	%		FIELD	F
					pH	6.9	su		FIELD	F
					Specific Conductivity	63	us/cm@25C		FIELD	F
					Temperature	10.5	C		FIELD	F
					Turbidity	1.1	ntu		FIELD	F
	M001-G-LF1	7/27/2010	LF1	9:20 AM	E. coli	34	mpn/100ml	J	EPA	G
				9:30 AM	Ammonia	13.8	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	14	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	0.72	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.54	ratio		SMAST	G
					Chlorophyll-a	0.39	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	143.1	ug/L		SMAST	G
					Dissolved Organic Nitrogen	268.1	ug/L		SMAST	G
					Nitrates	129.3	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	178	ug/L		SMAST	G
					Particulate Organic Nitrogen	14.5	ug/L		SMAST	G
					Phaeophytin	0.33	mg/L		SMAST	G
					TKN	0.296	mg/L		SMAST	G
					Total Nitrogen	0.426	mg/L		SMAST	G

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
	M001-G-LF1	7/27/2010	LF1	9:30 AM	Total Phosphorus	9.05	ug/L		SMAST	G
					Total Suspended Solids	0.5	mg/L		SMAST	G
					Winkler Dissolved Oxygen	9.2	mg/L		SMAST	G
	M001-F-LF1	7/27/2010	LF1	9:30 AM	Conductivity	53	us/cm		FIELD	F
					Field Dissolved Oxygen	8.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	84.1	%		FIELD	F
					pH	6.9	su		FIELD	F
					Specific Conductivity	64	us/cm@25C		FIELD	F
					Temperature	15.8	C		FIELD	F
					Total Water Depth	6.0	feet		FIELD	F
					Turbidity	0.4	ntu		FIELD	F
	M001-G-HF1	5/17/2012	HF1	9:30 AM	Ammonia	27.0	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	158.8	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	233.7	ug/L	(blank)	SMAST	G
					Nitrates	131.8	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	48	us/cm@25C	(blank)	FIELD	F
					TKN	0.261	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.551	mg/L	(blank)	SMAST	G
					Total Phosphorus	5.33	ug/L	(blank)	SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
	M001-F-HF1	5/17/2012	HF1	9:18 AM	Conductivity	37	us/cm		FIELD	F
					Field Dissolved Oxygen	12.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	108.0	%		FIELD	F
					pH	6.0	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	9.7	C		FIELD	F
				9:50 AM	Total Water Depth	1.8	feet		FIELD	F
					Turbidity	1.8	ntu		FIELD	F
					Conductivity	37	us/cm		FIELD	F
					Field Dissolved Oxygen	12.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	108.7	%		FIELD	F
					pH	6.0	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	9.9	C		FIELD	F
					Turbidity	2.6	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Lincoln WWTF 03-EBP	T002-G-LF2	9/21/2010	LF2	9:30 AM	Ammonia	2.6	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	14	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.50	ug/L	<	EAI	G
					Dissolved Inorganic Nitrogen	159.7	ug/L		SMAST	G
					Dissolved Organic Nitrogen	188.0	ug/L		SMAST	G
					E. coli	4	mpn/100ml	J	EPA	G
					Nitrates	157.1	ug/L		SMAST	G
					Orthophosphates	2.33	ug/L		SMAST	G
					Particulate Organic Carbon	113	ug/L		SMAST	G
					Particulate Organic Nitrogen	9.1	ug/L		SMAST	G
					TKN	0.200	mg/L		SMAST	G
					Total Nitrogen	0.357	mg/L		SMAST	G
					Total Phosphorus	7.82	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	10.3	mg/L		SMAST	G
	T002-F-LF2	9/21/2010	LF2	9:40 AM	Conductivity	18	us/cm		FIELD	F
					Field Dissolved Oxygen	11.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.4	%		FIELD	F
					pH	6.7	su		FIELD	F
					Specific Conductivity	25	us/cm@25C		FIELD	F
					Temperature	9.1	C		FIELD	F
				10:03 AM	Total Water Depth	3.0	feet		FIELD	F
					Turbidity	1.1	ntu		FIELD	F
					Conductivity	18	us/cm		FIELD	F
					Field Dissolved Oxygen	11.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.8	%		FIELD	F
					pH	6.7	su		FIELD	F
					Specific Conductivity	25	us/cm@25C		FIELD	F
					Temperature	9.3	C		FIELD	F
	T002-G-LF1	7/27/2010	LF1	6:12 AM	Turbidity	1.0	ntu		FIELD	F
					E. coli	4	mpn/100ml	J	EPA	G
				6:20 PM	Ammonia	9.9	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	12	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	0.26	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.64	ratio		SMAST	G
					Chlorophyll-a	0.16	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	166.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	172.7	ug/L		SMAST	G
					Nitrates	156.3	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	105	ug/L		SMAST	G
					Particulate Organic Nitrogen	10.6	ug/L		SMAST	G
					Phaeophytin	0.09	mg/L		SMAST	G
					TKN	0.193	mg/L		SMAST	G
					Total Nitrogen	0.349	mg/L		SMAST	G
					Total Phosphorus	3.88	ug/L		SMAST	G
					Total Suspended Solids	0.4	mg/L		SMAST	G
	T002-F-LF1	7/27/2010	LF1	6:20 AM	Winkler Dissolved Oxygen	8.0	mg/L		SMAST	G
					Conductivity	22	us/cm		FIELD	F
					Field Dissolved Oxygen	8.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	92.8	%		FIELD	F
					pH	8.3	su		FIELD	F
					Specific Conductivity	27	us/cm@25C		FIELD	F
					Temperature	15.4	C		FIELD	F
					Total Water Depth	3.0	feet		FIELD	F
				6:20 PM	Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	25	us/cm		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
03-EBP	T002-F-LF1	7/27/2010	LF1	6:20 PM	Field Dissolved Oxygen	7.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	84.1	%		FIELD	F
					pH	6.8	su		FIELD	F
					Specific Conductivity	26	us/cm@25C		FIELD	F
					Temperature	21.5	C		FIELD	F
	T002-G-HF1	5/17/2012	HF1	11:00 AM	Total Water Depth	3.0	feet		FIELD	F
					Turbidity	0.9	ntu		FIELD	F
					Ammonia	27.0	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	180.4	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	282.0	ug/L	(blank)	SMAST	G
					Nitrates	153.4	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					TKN	0.309	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.5	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.643	mg/L	(blank)	SMAST	G
					Total Phosphorus	2.00	ug/L	<	SMAST	G
					Total Suspended Solids	1.0	mg/L	(blank)	EAI	G
	T002-F-HF1	5/17/2012	HF1	10:55 AM	Field Dissolved Oxygen	11.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	107.2	%		FIELD	F
					pH	6.0	su		FIELD	F
					Specific Conductivity	21	us/cm@25C		FIELD	F
					Temperature	10.2	C		FIELD	F
				11:10 AM	Total Water Depth	2.2	feet		FIELD	F
					Turbidity	2.9	ntu		FIELD	F
					Field Dissolved Oxygen	11.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	102.6	%		FIELD	F
					pH	6.0	su		FIELD	F
					Specific Conductivity	21	us/cm@25C		FIELD	F
					Temperature	10.3	C		FIELD	F
					Turbidity	3.4	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Lincoln WWTF 1 01-EBP	T003-G-LF2	9/21/2010	LF2	8:15 AM	Ammonia	101.9	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	14	ratio		SMAST	G
					CBOD 20	3.0	mg/L	<	EAI	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.50	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	309.8	ug/L		SMAST	G
					Dissolved Organic Nitrogen	222.5	ug/L		SMAST	G
					Nitrates	207.9	ug/L		SMAST	G
					Orthophosphates	14.73	ug/L		SMAST	G
					Particulate Organic Carbon	181	ug/L		SMAST	G
	T003-G-LF1	7/27/2010	LF1	6:56 AM 5:30 PM	Particulate Organic Nitrogen	15.4	ug/L		SMAST	G
					TKN	0.340	mg/L		SMAST	G
					Total Nitrogen	0.548	mg/L		SMAST	G
					Total Phosphorus	26.26	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	10.3	mg/L		SMAST	G
					E. coli	34	mpn/100ml		EPA	G
					Ammonia	92.7	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	10	ratio		SMAST	G
					CBOD 20	2.0	mg/L	<	SMAST	G
	T003-F-LF1	7/27/2010	LF1	7:00 AM	CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	1.07	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.40	ratio		SMAST	G
					Chlorophyll-a	0.43	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	316.0	ug/L		SMAST	G
					Dissolved Organic Nitrogen	209.4	ug/L		SMAST	G
					Nitrates	223.3	ug/L		SMAST	G
					Orthophosphates	17.45	ug/L		SMAST	G
					Particulate Organic Carbon	124	ug/L		SMAST	G
					Particulate Organic Nitrogen	14.3	ug/L		SMAST	G
	T003-G-HF1	5/17/2012	HF1	11:40 AM	Phaeophytin	0.63	mg/L		SMAST	G
					TKN	0.316	mg/L		SMAST	G
					Total Nitrogen	0.540	mg/L		SMAST	G
					Total Phosphorus	28.43	ug/L		SMAST	G
					Total Suspended Solids	0.4	mg/L		SMAST	G
					Winkler Dissolved Oxygen	8.0	mg/L		SMAST	G
					Conductivity	38	us/cm		FIELD	F
						39	us/cm		FIELD	F
					Field Dissolved Oxygen	8.5	mg/L		FIELD	F
						8.8	mg/L		FIELD	F
				5:30 PM	Field Dissolved Oxygen Percent	87.3	%		FIELD	F
						88.8	%		FIELD	F
					pH	7.0	su		FIELD	F
						7.2	su		FIELD	F
					Specific Conductivity	47	us/cm@25C		FIELD	F
						47	us/cm@25C		FIELD	F
					Temperature	15.6	C		FIELD	F
					Total Water Depth	2.0	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	45	us/cm		FIELD	F
					Field Dissolved Oxygen	6.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	77.2	%		FIELD	F
					pH	6.7	su		FIELD	F
					Specific Conductivity	38	us/cm@25C		FIELD	F
					Temperature	22.0	C		FIELD	F
					Total Water Depth	2.0	feet		FIELD	F
					Turbidity	0.7	ntu		FIELD	F
					Ammonia	84.3	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	250.7	ug/L	(blank)	SMAST	G

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01-EBP	T003-G-HF1	5/17/2012	HF1	11:40 AM	Dissolved Organic Nitrogen	264.9	ug/L	(blank)	SMAST	G
					Nitrates	166.4	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.5	mg/L	(blank)	SMAST	G
					Total Phosphorus	8.99	ug/L	(blank)	SMAST	G
					Total Suspended Solids	1.0	mg/L	(blank)	EAI	G

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Lincoln WWTF 2 OOF-EBP	T004-G-LF2	9/21/2010	LF2	1:00 PM	Ammonia	87.9	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.50	ug/L	<	EAI	G
					Dissolved Inorganic Nitrogen	269.0	ug/L		SMAST	G
					Dissolved Organic Nitrogen	182.9	ug/L		SMAST	G
					Nitrates	181.2	ug/L		SMAST	G
					Orthophosphates	13.95	ug/L		SMAST	G
					Particulate Organic Carbon	141	ug/L		SMAST	G
					Particulate Organic Nitrogen	14.8	ug/L		SMAST	G
					TKN	0.286	mg/L		SMAST	G
					Total Nitrogen	0.467	mg/L		SMAST	G
					Total Phosphorus	22.10	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	10.0	mg/L		SMAST	G
	T004-G-LF1	7/27/2010	LF1	10:30 AM	E. coli	4	mpn/100ml		EPA	G
					10:50 AM	Ammonia	79.7	ug/L		SMAST
				Carbon to Nitrogen Ratio		11	ratio		SMAST	G
				CBOD 20		(blank)	mg/L	NS	SMAST	G
				CBOD 5		2.0	mg/L	<	SMAST	G
				Chl-a + Phaeo.		0.77	mg/L		SMAST	G
				Chl-a to Chl-a + Phaeo. Ratio		0.65	ratio		SMAST	G
				Chlorophyll-a		0.50	ug/L		SMAST	G
				Dissolved Inorganic Nitrogen		262.6	ug/L		SMAST	G
				Dissolved Organic Nitrogen		245.9	ug/L		SMAST	G
				Nitrates		182.9	ug/L		SMAST	G
				Orthophosphates		13.95	ug/L		SMAST	G
				Particulate Organic Carbon		136	ug/L		SMAST	G
				Particulate Organic Nitrogen		15.0	ug/L		SMAST	G
				Phaeophytin	0.27	mg/L		SMAST	G	
	TKN	0.341	mg/L		SMAST	G				
	Total Nitrogen	0.523	mg/L		SMAST	G				
	Total Phosphorus	68.09	ug/L		SMAST	G				
	Total Suspended Solids	1.4	mg/L		SMAST	G				
	Winkler Dissolved Oxygen	8.1	mg/L		SMAST	G				
	T004-F-LF1	7/27/2010	LF1	10:50 AM	Conductivity	30	us/cm		FIELD	F
						30	us/cm		FIELD	F
					Field Dissolved Oxygen	7.6	mg/L		FIELD	F
						7.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	81.4	%		FIELD	F
						83.6	%		FIELD	F
					pH	6.8	su		FIELD	F
						6.8	su		FIELD	F
					Specific Conductivity	35	us/cm@25C		FIELD	F
						35	us/cm@25C		FIELD	F
					Temperature	17.3	C		FIELD	F
						17.8	C		FIELD	F
					Total Water Depth	3.0	feet		FIELD	F
					Turbidity	0.6	ntu		FIELD	F
					T004-G-HF1	5/17/2012	HF1	2:00 PM		1.5
	Ammonia	27.0	ug/L	(blank)					SMAST	G
	CBOD 5	3.0	mg/L	<					EAI	G
	Dissolved Inorganic Nitrogen	171.7	ug/L	(blank)					SMAST	G
	Dissolved Organic Nitrogen	241.5	ug/L	(blank)					SMAST	G
	Nitrates	144.8	ug/L	(blank)					SMAST	G
	Orthophosphate	0.00	mg/L	<					SMAST	G
	Total Dissolved Nitrogen	0.4	mg/L	(blank)					SMAST	G
	Total Phosphorus	2.00	ug/L	<					SMAST	G
	Total Suspended Solids	1.0	mg/L	(blank)					EAI	G

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Woodstock WWTF 23D-PMI	M005-G-LF2	9/21/2010	LF2	2:15 PM	Ammonia	55.3	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	13	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.50	ug/L	<	EAI	G
					Dissolved Inorganic Nitrogen	223.1	ug/L		SMAST	G
					Dissolved Organic Nitrogen	240.8	ug/L		SMAST	G
					E. coli	4	mpn/100ml		EPA	G
					Nitrates	167.8	ug/L		SMAST	G
					Orthophosphates	9.30	ug/L		SMAST	G
					Particulate Organic Carbon	187	ug/L		SMAST	G
					Particulate Organic Nitrogen	16.5	ug/L		SMAST	G
					TKN	0.313	mg/L		SMAST	G
					Total Nitrogen	0.480	mg/L		SMAST	G
					Total Phosphorus	15.06	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
	M005-F-LF2	9/21/2010	LF2	2:05 PM	Winkler Dissolved Oxygen	9.6	mg/L		SMAST	G
					Conductivity	33	us/cm		FIELD	F
					Field Dissolved Oxygen	10.4	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	97.4	%		FIELD	F
				pH	6.9	su		FIELD	F	
				Specific Conductivity	44	us/cm@25C		FIELD	F	
				Temperature	12.3	C		FIELD	F	
				Total Water Depth	3.5	feet		FIELD	F	
				2:30 PM	Turbidity	1.2	ntu		FIELD	F
					Conductivity	33	us/cm		FIELD	F
					Field Dissolved Oxygen	10.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.0	%		FIELD	F
					pH	6.8	su		FIELD	F
					Specific Conductivity	44	us/cm@25C		FIELD	F
					Temperature	12.5	C		FIELD	F
	Turbidity	0.7	ntu			FIELD	F			
	M005-G-LF1	7/27/2010	LF1	1:05 PM	Ammonia	59.7	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	0.85	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.73	ratio		SMAST	G
					Chlorophyll-a	0.62	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	228.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	204.1	ug/L		SMAST	G
					Nitrates	168.5	ug/L		SMAST	G
					Orthophosphates	10.85	ug/L		SMAST	G
					Particulate Organic Carbon	134	ug/L		SMAST	G
					Particulate Organic Nitrogen	14.8	ug/L		SMAST	G
					Phaeophytin	0.23	mg/L		SMAST	G
					TKN	0.279	mg/L		SMAST	G
	Total Nitrogen	0.447	mg/L		SMAST	G				
	Total Phosphorus	20.26	ug/L		SMAST	G				
	Total Suspended Solids	0.5	mg/L		SMAST	G				
	M005-F-LF1	7/27/2010	LF1	1:05 PM	Winkler Dissolved Oxygen	8.3	mg/L		SMAST	G
					Conductivity	39	us/cm		FIELD	F
						40	us/cm		FIELD	F
					Field Dissolved Oxygen	7.5	mg/L		FIELD	F
						7.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	83.9	%		FIELD	F
						86.5	%		FIELD	F
					pH	6.8	su		FIELD	F
						6.9	su		FIELD	F
					Specific Conductivity	44	us/cm@25C		FIELD	F
						44	us/cm@25C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
23D-PMI	M005-F-LF1	7/27/2010	LF1	1:05 PM	Temperature	19.6	C		FIELD	F
						20.0	C		FIELD	F
					Total Water Depth	3.3	feet		FIELD	F
					Turbidity	0.5	ntu		FIELD	F
						0.6	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Woodstock WWTF1 23-PMI	M006-C-LF2	9/21/2010	LF2	7:10 AM	Ammonia	73.8	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	10	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	0.50	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	256.9	ug/L		SMAST	C
					Dissolved Organic Nitrogen	325.7	ug/L		SMAST	C
					Nitrates	183.2	ug/L		SMAST	C
					Orthophosphates	12.40	ug/L		SMAST	C
					Particulate Organic Carbon	235	ug/L		SMAST	C
					Particulate Organic Nitrogen	28.1	ug/L		SMAST	C
					TKN	0.428	mg/L		SMAST	C
					Total Nitrogen	0.611	mg/L		SMAST	C
					Total Phosphorus	14.87	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L	<	EAI	C
					Winkler Dissolved Oxygen	10.1	mg/L		SMAST	C
	M006-G-LF2	9/21/2010	LF2	7:09 AM	E. coli	4	mpn/100ml		EPA	G
	M006-F-LF2	9/21/2010	LF2	4:31 PM	Conductivity	36	us/cm		FIELD	F
					Field Dissolved Oxygen	11.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	105.9	%		FIELD	F
					pH	6.9	su		FIELD	F
				4:36 PM	Specific Conductivity	46	us/cm@25C		FIELD	F
					Temperature	13.2	C		FIELD	F
					Total Water Depth	8.0	feet		FIELD	F
					Turbidity	1.2	ntu		FIELD	F
					Conductivity	36	us/cm		FIELD	F
					Field Dissolved Oxygen	11.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	105.2	%		FIELD	F
					pH	6.9	su		FIELD	F
					Specific Conductivity	46	us/cm@25C		FIELD	F
					Temperature	13.2	C		FIELD	F
				6:48 AM	Turbidity	1.1	ntu		FIELD	F
					Conductivity	31	us/cm		FIELD	F
					Field Dissolved Oxygen	10.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	94.9	%		FIELD	F
					pH	6.9	su		FIELD	F
					Specific Conductivity	44	us/cm@25C		FIELD	F
					Temperature	9.6	C		FIELD	F
					Total Water Depth	8.0	feet		FIELD	F
				7:26 AM	Conductivity	32	us/cm		FIELD	F
					Field Dissolved Oxygen	11.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.1	%		FIELD	F
					pH	6.8	su		FIELD	F
					Specific Conductivity	45	us/cm@25C		FIELD	F
					Temperature	9.6	C		FIELD	F
					Total Water Depth	8.0	feet		FIELD	F
	M006-C-LF1	7/27/2010	LF1	4:55 PM	Ammonia	55.8	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	0.81	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.63	ratio		SMAST	C
					Chlorophyll-a	0.51	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	253.1	ug/L		SMAST	C
					Dissolved Organic Nitrogen	166.5	ug/L		SMAST	C
					Nitrates	197.3	ug/L		SMAST	C
					Orthophosphates	19.07	ug/L		SMAST	C
					Particulate Organic Carbon	268	ug/L		SMAST	C
					Particulate Organic Nitrogen	33.3	ug/L		SMAST	C
					Phaeophytin	0.30	mg/L		SMAST	C
					TKN	0.256	mg/L		SMAST	C

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
23-PMI	M006-C-LF1	7/27/2010	LF1	4:55 PM	Total Nitrogen	0.453	mg/L		SMAST	C
					Total Phosphorus	28.90	ug/L		SMAST	C
					Total Suspended Solids	0.9	mg/L		SMAST	C
					Winkler Dissolved Oxygen	8.0	mg/L		SMAST	C
	M006-G-LF1	7/27/2010	LF1	7:23 AM	E. coli	8	mpn/100ml		EPA	G
	M006-F-LF1	7/27/2010	LF1	7:23 AM	Conductivity	40	us/cm		FIELD	F
						40	us/cm		FIELD	F
					Field Dissolved Oxygen	7.4	mg/L		FIELD	F
						8.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	76.7	%		FIELD	F
						84.8	%		FIELD	F
					pH	6.6	su		FIELD	F
						6.7	su		FIELD	F
					Specific Conductivity	48	us/cm@25C		FIELD	F
						49	us/cm@25C		FIELD	F
					Temperature	15.8	C		FIELD	F
					Total Water Depth	10.0	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	46	us/cm		FIELD	F
				4:55 PM		46	us/cm		FIELD	F
					Field Dissolved Oxygen	6.1	mg/L		FIELD	F
						6.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	71.6	%		FIELD	F
						82.0	%		FIELD	F
					pH	6.7	su		FIELD	F
						6.8	su		FIELD	F
					Specific Conductivity	48	us/cm@25C		FIELD	F
						48	us/cm@25C		FIELD	F
					Temperature	22.3	C		FIELD	F
						22.4	C		FIELD	F
					Total Water Depth	10.0	feet		FIELD	F
					Turbidity	0.7	ntu		FIELD	F
						0.9	ntu		FIELD	F
	M006-G-HF1	5/17/2012	HF1	3:05 PM	Ammonia	25.1	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	158.3	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	234.1	ug/L	(blank)	SMAST	G
					Nitrates	133.2	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	36	us/cm@25C	(blank)	FIELD	F
					TKN	0.259	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.551	mg/L	(blank)	SMAST	G
					Total Phosphorus	3.07	ug/L	(blank)	SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
	M006-F-HF1	5/17/2012	HF1	3:00 PM	Conductivity	26	us/cm		FIELD	F
					Field Dissolved Oxygen	11.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	111.0	%		FIELD	F
					pH	6.6	su		FIELD	F
				3:03 PM	Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.4	C		FIELD	F
					Turbidity	6.3	ntu		FIELD	F
					Conductivity	30	us/cm		FIELD	F
					Field Dissolved Oxygen	9.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	90.4	%		FIELD	F
					pH	6.1	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	13.0	C		FIELD	F
					Turbidity	1.8	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code	
D/S Woodstock WWTF 2 22M-PMI	M007-G-LF2	9/21/2010	LF2	3:00 PM	Ammonia	50.4	ug/L		SMAST	G	
					Carbon to Nitrogen Ratio	13	ratio		SMAST	G	
					CBOD 5	3.0	mg/L	<	EAI	G	
					Chlorophyll-a	0.50	ug/L	<	EAI	G	
					Dissolved Inorganic Nitrogen	228.9	ug/L		SMAST	G	
					Dissolved Organic Nitrogen	214.9	ug/L		SMAST	G	
					Nitrates	178.5	ug/L		SMAST	G	
					Orthophosphates	12.40	ug/L		SMAST	G	
					Particulate Organic Carbon	167	ug/L		SMAST	G	
					Particulate Organic Nitrogen	14.9	ug/L		SMAST	G	
					TKN	0.280	mg/L		SMAST	G	
					Total Nitrogen	0.459	mg/L		SMAST	G	
					Total Phosphorus	16.63	ug/L		SMAST	G	
					Total Suspended Solids	1.0	mg/L	<	EAI	G	
					Winkler Dissolved Oxygen	10.3	mg/L		SMAST	G	
	M007-F-LF2	9/21/2010	LF2	2:54 PM	Conductivity	34	us/cm		FIELD	F	
					Field Dissolved Oxygen	10.8	mg/L		FIELD	F	
					Field Dissolved Oxygen Percent	101.5	%		FIELD	F	
					pH	6.9	su		FIELD	F	
					Specific Conductivity	44	us/cm@25C		FIELD	F	
				Temperature	12.5	C		FIELD	F		
				Total Water Depth	2.5	feet		FIELD	F		
				Turbidity	1.1	ntu		FIELD	F		
				3:00 PM	Conductivity	34	us/cm		FIELD	F	
					Field Dissolved Oxygen	10.7	mg/L		FIELD	F	
					Field Dissolved Oxygen Percent	100.5	%		FIELD	F	
					pH	6.9	su		FIELD	F	
					Specific Conductivity	44	us/cm@25C		FIELD	F	
				Temperature	12.7	C		FIELD	F		
				M007-G-LF1	7/27/2010	LF1	2:04 PM	Turbidity	1.1	ntu	
	Ammonia	48.7	ug/L						SMAST	G	
	Carbon to Nitrogen Ratio	11	ratio						SMAST	G	
	CBOD 20	(blank)	mg/L					NS	SMAST	G	
	CBOD 5	2.0	mg/L					<	SMAST	G	
	Chl-a + Phaeo.	0.77	mg/L						SMAST	G	
	Chl-a to Chl-a + Phaeo. Ratio	0.77	ratio						SMAST	G	
	Chlorophyll-a	0.59	ug/L						SMAST	G	
	Dissolved Inorganic Nitrogen	225.1	ug/L						SMAST	G	
	Dissolved Organic Nitrogen	181.8	ug/L						SMAST	G	
	Nitrates	176.4	ug/L						SMAST	G	
	Orthophosphates	13.95	ug/L						SMAST	G	
	Particulate Organic Carbon	144	ug/L						SMAST	G	
	Particulate Organic Nitrogen	15.1	ug/L						SMAST	G	
	Phaeophytin	0.18	mg/L						SMAST	G	
	TKN	0.246	mg/L		SMAST	G					
	Total Nitrogen	0.422	mg/L		SMAST	G					
	Total Phosphorus	26.53	ug/L		SMAST	G					
	Total Suspended Solids	0.6	mg/L		SMAST	G					
	Winkler Dissolved Oxygen	8.4	mg/L		SMAST	G					
	M007-F-LF1	7/27/2010	LF1	2:04 PM	Conductivity	40		us/cm		FIELD	F
						41		us/cm		FIELD	F
					Field Dissolved Oxygen	7.5		mg/L		FIELD	F
						8.0		mg/L		FIELD	F
					Field Dissolved Oxygen Percent	86.7		%		FIELD	F
						92.1		%		FIELD	F
					pH	6.8		su		FIELD	F
						8.6		su		FIELD	F
					Specific Conductivity	44		us/cm@25C		FIELD	F
						45		us/cm@25C		FIELD	F
					Temperature	20.5	C		FIELD	F	

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
22M-PMI	M007-F-LF1	7/27/2010	LF1	2:04 PM	Temperature	20.9	C		FIELD	F
					Total Water Depth	2.0	feet		FIELD	F
					Turbidity	1.2	ntu		FIELD	F
						1.2	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code			
Woodstock Gage 21P-PMI	M008-G-LF2	9/21/2010	LF2	3:50 PM	Ammonia	21.6	ug/L		SMAST	G			
					Carbon to Nitrogen Ratio	12	ratio		SMAST	G			
					CBOD 5	3.0	mg/L	<	EAI	G			
					Chlorophyll-a	0.50	ug/L	<	EAI	G			
					Dissolved Inorganic Nitrogen	194.8	ug/L		SMAST	G			
					Dissolved Organic Nitrogen	233.0	ug/L		SMAST	G			
					Nitrates	173.1	ug/L		SMAST	G			
					Orthophosphates	7.75	ug/L		SMAST	G			
					Particulate Organic Carbon	199	ug/L		SMAST	G			
					Particulate Organic Nitrogen	19.1	ug/L		SMAST	G			
					TKN	0.274	mg/L		SMAST	G			
					Total Nitrogen	0.447	mg/L		SMAST	G			
					Total Phosphorus	10.76	ug/L		SMAST	G			
					Total Suspended Solids	1.0	mg/L	<	EAI	G			
					Winkler Dissolved Oxygen	10.3	mg/L		SMAST	G			
	M008-F-LF2	9/21/2010	LF2	4:00 PM	Conductivity	36	us/cm		FIELD	F			
					Field Dissolved Oxygen	10.8	mg/L		FIELD	F			
					Field Dissolved Oxygen Percent	102.5	%		FIELD	F			
					pH	7.0	su		FIELD	F			
					Specific Conductivity	47	us/cm@25C		FIELD	F			
				Temperature	12.9	C		FIELD	F				
				Total Water Depth	3.0	feet		FIELD	F				
				Turbidity	1.1	ntu		FIELD	F				
				4:04 PM	Conductivity	36	us/cm		FIELD	F			
					Field Dissolved Oxygen	10.9	mg/L		FIELD	F			
					Field Dissolved Oxygen Percent	102.8	%		FIELD	F			
					pH	7.0	su		FIELD	F			
					Specific Conductivity	47	us/cm@25C		FIELD	F			
				Temperature	12.9	C		FIELD	F				
				M008-G-LF1	7/27/2010	LF1	3:05 PM	Turbidity	1.1	ntu		FIELD	F
	Ammonia	20.2	ug/L						SMAST	G			
	Carbon to Nitrogen Ratio	9	ratio						SMAST	G			
	CBOD 20	(blank)	mg/L					NS	SMAST	G			
	CBOD 5	2.0	mg/L					<	SMAST	G			
	Chl-a + Phaeo.	0.98	mg/L						SMAST	G			
	Chl-a to Chl-a + Phaeo. Ratio	0.59	ratio						SMAST	G			
	Chlorophyll-a	0.58	ug/L						SMAST	G			
	Dissolved Inorganic Nitrogen	175.8	ug/L						SMAST	G			
	Dissolved Organic Nitrogen	222.7	ug/L						SMAST	G			
	Nitrates	155.6	ug/L						SMAST	G			
	Orthophosphates	7.75	ug/L						SMAST	G			
	Particulate Organic Carbon	188	ug/L						SMAST	G			
	Particulate Organic Nitrogen	23.7	ug/L						SMAST	G			
	Phaeophytin	0.41	mg/L						SMAST	G			
	TKN	0.267	mg/L		SMAST	G							
	Total Nitrogen	0.422	mg/L		SMAST	G							
	Total Phosphorus	21.12	ug/L		SMAST	G							
Total Suspended Solids	0.7	mg/L		SMAST	G								
Winkler Dissolved Oxygen	8.6	mg/L		SMAST	G								
M008-F-LF1	7/27/2010	LF1	3:05 PM	Conductivity	44	us/cm		FIELD	F				
				Field Dissolved Oxygen	7.5	mg/L		FIELD	F				
				Field Dissolved Oxygen Percent	87.3	%		FIELD	F				
				pH	6.9	su		FIELD	F				
				Specific Conductivity	48	us/cm@25C		FIELD	F				
				Temperature	21.0	C		FIELD	F				
				Total Water Depth	2.0	feet		FIELD	F				
				Turbidity	0.6	ntu		FIELD	F				
				M008-G-HF1	5/17/2012	HF1	4:15 PM	Ammonia	24.5	ug/L	(blank)	SMAST	G
								CBOD 5	3.0	mg/L	<	EAI	G
Dissolved Inorganic Nitrogen	148.9	ug/L	(blank)					SMAST	G				

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
21P-PMI	M008-G-HF1	5/17/2012	HF1	4:15 PM	Dissolved Organic Nitrogen	205.9	ug/L	(blank)	SMAST	G
					E. coli	1.0	mpn/100ml	(blank)	EAI	G
					Nitrates	124.4	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					TKN	0.230	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.504	mg/L	(blank)	SMAST	G
					Total Phosphorus	3.89	ug/L	(blank)	SMAST	G
					Total Suspended Solids	1.0	mg/L	(blank)	EAI	G
	M008-F-HF1	5/17/2012	HF1	3:50 PM	Field Dissolved Oxygen	11.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	107.5	%		FIELD	F
					pH	6.2	su		FIELD	F
					Specific Conductivity	30	us/cm@25C		FIELD	F
				4:20 PM	Temperature	13.1	C		FIELD	F
					Total Water Depth	2.9	feet		FIELD	F
					Turbidity	2.6	ntu		FIELD	F
					Field Dissolved Oxygen	10.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	103.8	%		FIELD	F
					pH	6.2	su		FIELD	F
					Specific Conductivity	30	us/cm@25C		FIELD	F
					Temperature	13.1	C		FIELD	F
					Turbidity	3.1	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Campton 19-PMI	M009-G-LF2	9/21/2010	LF2	9:35 AM	Ammonia	18.8	ug/L	J	SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	1.30	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	169.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	222.3	ug/L		SMAST	G
					E. coli	8	mpn/100ml		EPA	G
					Nitrates	150.4	ug/L		SMAST	G
					Orthophosphates	3.10	ug/L		SMAST	G
					Particulate Organic Carbon	255	ug/L		SMAST	G
					Particulate Organic Nitrogen	25.9	ug/L		SMAST	G
					TKN	0.267	mg/L		SMAST	G
					Total Nitrogen	0.417	mg/L		SMAST	G
					Total Phosphorus	8.61	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	9.1	mg/L		SMAST	G
	M009-F-LF2	9/21/2010	LF2	9:20 AM	Conductivity	40	us/cm		FIELD	F
					Field Dissolved Oxygen	9.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	85.3	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	54	us/cm@25C		FIELD	F
					Temperature	12.1	C		FIELD	F
					Total Water Depth	3.8	feet		FIELD	F
					Turbidity	0.0	ntu		FIELD	F
				9:55 AM	Conductivity	40	us/cm		FIELD	F
					Field Dissolved Oxygen	9.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	89.6	%		FIELD	F
					pH	7.0	su		FIELD	F
					Specific Conductivity	54	us/cm@25C		FIELD	F
					Temperature	12.0	C		FIELD	F
					Turbidity	0.1	ntu		FIELD	F
	M009-G-LF1	7/27/2010	LF1	1:05 PM	Ammonia	8.6	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	1.16	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.60	ratio		SMAST	G
					Chlorophyll-a	0.70	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	115.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	186.5	ug/L		SMAST	G
					Nitrates	106.6	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	833	ug/L		SMAST	G
					Particulate Organic Nitrogen	90.5	ug/L		SMAST	G
					Phaeophytin	0.46	mg/L		SMAST	G
					TKN	0.286	mg/L		SMAST	G
					Total Nitrogen	0.392	mg/L		SMAST	G
					Total Phosphorus	14.66	ug/L		SMAST	G
	M009-F-LF1	7/27/2010	LF1	1:05 PM	Total Suspended Solids	3.0	mg/L		SMAST	G
					Winkler Dissolved Oxygen	8.6	mg/L		SMAST	G
					Conductivity	47	us/cm		FIELD	F
					Field Dissolved Oxygen	9.0	mg/L		FIELD	F
						9.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	100.3	%		FIELD	F
						101.9	%		FIELD	F
					pH	6.7	su		FIELD	F
						7.2	su		FIELD	F
					Specific Conductivity	52	us/cm@25C		FIELD	F
					Temperature	20.6	C		FIELD	F
						20.6	C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
19-PMI	M009-F-LF1	7/27/2010	LF1	1:05 PM	Total Water Depth	4.3	feet		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
						0.3	ntu		FIELD	F
	M009-G-HF1	5/17/2012	HF1	9:45 AM	Ammonia	14.5	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.50	ug/L	<	EAI	G
					Dissolved Inorganic Nitrogen	124.4	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	159.1	ug/L	(blank)	SMAST	G
					Nitrates	109.9	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	33	us/cm@25C	(blank)	FIELD	F
					TKN	0.174	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.3	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.408	mg/L	(blank)	SMAST	G
					Total Phosphorus	3.48	ug/L	(blank)	SMAST	G
					Total Suspended Solids	2.0	mg/L	(blank)	EAI	G
	M009-F-HF1	5/17/2012	HF1	9:20 AM	Winkler Dissolved Oxygen	10.0	mg/L		SMAST	G
					Conductivity	26	us/cm		FIELD	F
					Field Dissolved Oxygen	9.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	92.0	%		FIELD	F
					pH	4.9	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	10.9	C		FIELD	F
				9:30 AM	Total Water Depth	2.2	feet		FIELD	F
					Turbidity	10.1	ntu		FIELD	F
					Conductivity	26	us/cm		FIELD	F
					Field Dissolved Oxygen	9.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	88.6	%		FIELD	F
					pH	4.8	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	10.9	C		FIELD	F
					Turbidity	5.1	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code			
Mad River 01-MAD	T010-G-LF2	9/21/2010	LF2	10:45 AM	Ammonia	38.2	ug/L		SMAST	G			
					Carbon to Nitrogen Ratio	14	ratio		SMAST	G			
					CBOD 5	3.0	mg/L	<	EAI	G			
					Chlorophyll-a	0.50	ug/L	<	EAI	G			
					Dissolved Inorganic Nitrogen	152.6	ug/L		SMAST	G			
					Dissolved Organic Nitrogen	166.1	ug/L		SMAST	G			
					E. coli	124	mpn/100ml		EPA	G			
					Nitrates	114.4	ug/L		SMAST	G			
					Orthophosphates	3.00	ug/L	<	SMAST	G			
					Particulate Organic Carbon	205	ug/L		SMAST	G			
					Particulate Organic Nitrogen	17.2	ug/L		SMAST	G			
					TKN	0.221	mg/L		SMAST	G			
					Total Nitrogen	0.336	mg/L		SMAST	G			
					Total Phosphorus	5.87	ug/L		SMAST	G			
					Total Suspended Solids	2.0	mg/L	<	EAI	G			
					Winkler Dissolved Oxygen	9.3	mg/L		SMAST	G			
	T010-F-LF2	9/21/2010	LF2	10:55 AM	Conductivity	39	us/cm		FIELD	F			
					Field Dissolved Oxygen	10.1	mg/L		FIELD	F			
					Field Dissolved Oxygen Percent	94.6	%		FIELD	F			
					pH	7.3	su		FIELD	F			
					Specific Conductivity	51	us/cm@25C		FIELD	F			
					Temperature	12.7	C		FIELD	F			
				11:10 AM	Total Water Depth	1.0	feet		FIELD	F			
					Turbidity	0.2	ntu		FIELD	F			
					Conductivity	40	us/cm		FIELD	F			
					Field Dissolved Oxygen	10.5	mg/L		FIELD	F			
					Field Dissolved Oxygen Percent	98.8	%		FIELD	F			
					pH	7.2	su		FIELD	F			
				T010-G-LF1	7/27/2010	LF1	12:15 PM	Specific Conductivity	51	us/cm@25C		FIELD	F
								Temperature	13.0	C		FIELD	F
								Turbidity	0.8	ntu		FIELD	F
								Ammonia	13.8	ug/L		SMAST	G
	Carbon to Nitrogen Ratio	12	ratio						SMAST	G			
	CBOD 20	(blank)	mg/L					NS	SMAST	G			
	CBOD 5	2.0	mg/L					<	SMAST	G			
	Chl-a + Phaeo.	0.50	mg/L						SMAST	G			
	Chl-a to Chl-a + Phaeo. Ratio	0.57	ratio						SMAST	G			
	Chlorophyll-a	0.28	ug/L						SMAST	G			
	Dissolved Inorganic Nitrogen	134.8	ug/L					SMAST	G				
	Dissolved Organic Nitrogen	150.8	ug/L					SMAST	G				
	Nitrates	121.0	ug/L					SMAST	G				
	Orthophosphates	3.00	ug/L					SMAST	G				
	Particulate Organic Carbon	155	ug/L					SMAST	G				
	Particulate Organic Nitrogen	15.2	ug/L					SMAST	G				
	Phaeophytin	0.22	mg/L					SMAST	G				
	TKN	0.180	mg/L					SMAST	G				
	Total Nitrogen	0.301	mg/L					SMAST	G				
	Total Phosphorus	8.19	ug/L					SMAST	G				
	Total Suspended Solids	0.8	mg/L					SMAST	G				
	Winkler Dissolved Oxygen	9.3	mg/L					SMAST	G				
	T010-F-LF1	7/27/2010	LF1	12:30 PM	E. coli	8	mpn/100ml		EPA	G			
					Conductivity	43	us/cm		FIELD	F			
				12:15 PM	Field Dissolved Oxygen	9.3	mg/L		FIELD	F			
						9.3	mg/L		FIELD	F			
					Field Dissolved Oxygen Percent	101.1	%		FIELD	F			
						101.2	%		FIELD	F			
					pH	6.8	su		FIELD	F			
						6.9	su		FIELD	F			
					Specific Conductivity	48	us/cm@25C		FIELD	F			
					Temperature	19.5	C		FIELD	F			

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01-MAD	T010-F-LF1	7/27/2010	LF1	12:15 PM	Temperature	19.5	C		FIELD	F
					Total Water Depth	2.0	feet		FIELD	F
					Turbidity	0.4	ntu		FIELD	F
	T010-G-HF1	5/17/2012	HF1	10:25 AM		0.4	ntu		FIELD	F
					Ammonia	33.2	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	149.1	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	224.7	ug/L	(blank)	SMAST	G
					Nitrates	115.9	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	40	us/cm@25C	(blank)	FIELD	F
					TKN	0.258	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.523	mg/L	(blank)	SMAST	G
					Total Phosphorus	15.98	ug/L	(blank)	SMAST	G
					Total Suspended Solids	11.0	mg/L	(blank)	EAI	G
	T010-F-HF1	5/17/2012	HF1	10:32 AM	Conductivity	31	us/cm		FIELD	F
					Field Dissolved Oxygen	10.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.7	%		FIELD	F
					pH	5.6	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
				10:34 AM	Temperature	10.1	C		FIELD	F
					Total Water Depth	1.2	feet		FIELD	F
					Turbidity	29.1	ntu		FIELD	F
					Conductivity	31	us/cm		FIELD	F
					Field Dissolved Oxygen	10.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	97.3	%		FIELD	F
					pH	5.6	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	10.1	C		FIELD	F
					Turbidity	26.3	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Baker River 01-BKR	T011-G-LF2	9/21/2010	LF2	12:00 PM	Ammonia	10.0	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	12	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	1.10	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	109.3	ug/L		SMAST	G
					Dissolved Organic Nitrogen	197.7	ug/L		SMAST	G
					E. coli	12	mpn/100ml		EPA	G
					Nitrates	99.3	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L	<	SMAST	G
					Particulate Organic Carbon	377	ug/L		SMAST	G
					Particulate Organic Nitrogen	37.4	ug/L		SMAST	G
					TKN	0.245	mg/L		SMAST	G
					Total Nitrogen	0.344	mg/L		SMAST	G
					Total Phosphorus	9.19	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	9.2	mg/L		SMAST	G
	T011-G-LF1	7/27/2010	LF1	6:54 AM	E. coli	127	mpn/100ml		EPA	G
				6:00 PM	Ammonia	12.5	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	1.25	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.66	ratio		SMAST	G
					Chlorophyll-a	0.83	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	95.7	ug/L		SMAST	G
					Dissolved Organic Nitrogen	220.3	ug/L		SMAST	G
					Nitrates	83.3	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	334	ug/L		SMAST	G
					Particulate Organic Nitrogen	43.0	ug/L		SMAST	G
					Phaeophytin	0.43	mg/L		SMAST	G
					TKN	0.276	mg/L		SMAST	G
					Total Nitrogen	0.359	mg/L		SMAST	G
					Total Phosphorus	13.79	ug/L		SMAST	G
					Total Suspended Solids	1.6	mg/L		SMAST	G
					Winkler Dissolved Oxygen	7.9	mg/L		SMAST	G
	T011-F-LF1	7/27/2010	LF1	6:50 AM	Conductivity	51	us/cm		FIELD	F
						51	us/cm		FIELD	F
					Field Dissolved Oxygen	7.4	mg/L		FIELD	F
						7.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	80.1	%		FIELD	F
						81.5	%		FIELD	F
					pH	7.2	su		FIELD	F
						7.4	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C	NS	FIELD	F
					Temperature	19.4	C		FIELD	F
					Total Water Depth	3.5	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
				6:00 PM	Conductivity	62	us/cm		FIELD	F
					Field Dissolved Oxygen	8.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.6	%		FIELD	F
					pH	7.1	su		FIELD	F
						7.1	su		FIELD	F
					Specific Conductivity	63	us/cm@25C		FIELD	F
						64	us/cm@25C		FIELD	F
					Temperature	24.2	C		FIELD	F
						24.2	C		FIELD	F
					Total Water Depth	1.5	feet		FIELD	F
					Turbidity	0.3	ntu		FIELD	F
	T011-G-HF1	5/17/2012	HF1	11:00 AM	Ammonia	19.5	ug/L	(blank)	SMAST	G

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01-BKR	T011-G-HF1	5/17/2012	HF1	11:00 AM	CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	79.4	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	204.9	ug/L	(blank)	SMAST	G
					Nitrates	60.0	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	42	us/cm@25C	(blank)	FIELD	F
					TKN	0.224	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.3	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.364	mg/L	(blank)	SMAST	G
					Total Phosphorus	9.43	ug/L	(blank)	SMAST	G
					Total Suspended Solids	8.0	mg/L	(blank)	EAI	G
				11:10 AM	Conductivity	34	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	89.7	%		FIELD	F
					pH	5.9	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	13.5	C		FIELD	F
					Total Water Depth	2.5	feet		FIELD	F
				11:13 AM	Turbidity	14.1	ntu		FIELD	F
					Conductivity	34	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	90.5	%		FIELD	F
					pH	5.8	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	13.5	C		FIELD	F
					Turbidity	15.1	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Plymouth Village WWTF (at USGS gage) 14X-PMI	M012-G-LF2	9/21/2010	LF2	1:30 PM	Ammonia	98.1	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.50	ug/L	<	EAI	G
					Dissolved Inorganic Nitrogen	223.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	192.4	ug/L		SMAST	G
					Nitrates	125.1	ug/L		SMAST	G
					Orthophosphates	3.10	ug/L		SMAST	G
					Particulate Organic Carbon	237	ug/L		SMAST	G
					Particulate Organic Nitrogen	24.8	ug/L		SMAST	G
					TKN	0.315	mg/L		SMAST	G
					Total Nitrogen	0.440	mg/L		SMAST	G
					Total Phosphorus	5.87	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	10.2	mg/L		SMAST	G
	M012-G-LF1	7/27/2010	LF1	2:50 PM	Ammonia	9.9	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	1.07	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.55	ratio		SMAST	G
					Chlorophyll-a	0.59	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	96.8	ug/L		SMAST	G
					Dissolved Organic Nitrogen	205.7	ug/L		SMAST	G
					Nitrates	86.9	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	293	ug/L		SMAST	G
					Particulate Organic Nitrogen	31.2	ug/L		SMAST	G
					Phaeophytin	0.48	mg/L		SMAST	G
					TKN	0.247	mg/L		SMAST	G
					Total Nitrogen	0.334	mg/L		SMAST	G
					Total Phosphorus	8.62	ug/L		SMAST	G
					Total Suspended Solids	1.3	mg/L		SMAST	G
					Winkler Dissolved Oxygen	8.6	mg/L		SMAST	G
	M012-F-LF1	7/27/2010	LF1	2:50 PM	Conductivity	51	us/cm		FIELD	F
					Field Dissolved Oxygen	8.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	102.9	%		FIELD	F
					pH	7.0	su		FIELD	F
						7.0	su		FIELD	F
					Specific Conductivity	54	us/cm@25C		FIELD	F
					Temperature	22.7	C		FIELD	F
						22.7	C		FIELD	F
					Total Water Depth	2.5	feet		FIELD	F
					Turbidity	0.0	ntu		FIELD	F
	M012-G-HF1	5/17/2012	HF1	10:00 AM	Ammonia	18.2	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	123.3	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	180.5	ug/L	(blank)	SMAST	G
					Nitrates	105.1	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Total Dissolved Nitrogen	0.3	mg/L	(blank)	SMAST	G
					Total Phosphorus	6.35	ug/L	(blank)	SMAST	G
					Total Suspended Solids	5.0	mg/L	(blank)	EAI	G

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Plymouth Village WWTF 1 14J-PMI	M013-C-LF2	9/21/2010	LF2	7:55 AM	Ammonia	6.9	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	13	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	0.90	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	139.0	ug/L		SMAST	C
					Dissolved Organic Nitrogen	185.3	ug/L		SMAST	C
					Nitrates	132.1	ug/L		SMAST	C
					Orthophosphates	7.75	ug/L		SMAST	C
					Particulate Organic Carbon	318	ug/L		SMAST	C
					Particulate Organic Nitrogen	28.1	ug/L		SMAST	C
					TKN	0.220	mg/L		SMAST	C
					Total Nitrogen	0.352	mg/L		SMAST	C
					Total Phosphorus	13.50	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L	<	EAI	C
					Winkler Dissolved Oxygen	9.9	mg/L		SMAST	C
	M013-G-LF2	9/21/2010	LF2	7:55 AM	E. coli	25	mpn/100ml		EPA	G
	M013-F-LF2	9/21/2010	LF2	2:10 PM	Conductivity	51	us/cm		FIELD	F
					Field Dissolved Oxygen	10.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	103.6	%		FIELD	F
				2:15 PM	pH	7.1	su		FIELD	F
					Specific Conductivity	64	us/cm@25C		FIELD	F
					Temperature	14.4	C		FIELD	F
					Total Water Depth	2.2	feet		FIELD	F
					Turbidity	1.4	ntu		FIELD	F
					Conductivity	51	us/cm		FIELD	F
					Field Dissolved Oxygen	10.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	103.7	%		FIELD	F
					pH	7.0	su		FIELD	F
					Specific Conductivity	64	us/cm@25C		FIELD	F
				7:42 AM	Temperature	14.4	C		FIELD	F
					Turbidity	0.4	ntu		FIELD	F
					Conductivity	46	us/cm		FIELD	F
					Field Dissolved Oxygen	10.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	99.2	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	61	us/cm@25C		FIELD	F
				8:05 AM	Temperature	12.3	C		FIELD	F
					Total Water Depth	2.2	feet		FIELD	F
					Conductivity	46	us/cm		FIELD	F
					Field Dissolved Oxygen	10.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.5	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	61	us/cm@25C		FIELD	F
	M013-C-LF1	7/27/2010	LF1	3:55 PM	Temperature	12.2	C		FIELD	F
					Ammonia	6.0	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	10	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	1.73	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.66	ratio		SMAST	C
					Chlorophyll-a	1.14	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	107.0	ug/L		SMAST	C
					Dissolved Organic Nitrogen	242.9	ug/L		SMAST	C
					Nitrates	101.0	ug/L		SMAST	C
					Orthophosphates	4.65	ug/L		SMAST	C
					Particulate Organic Carbon	422	ug/L		SMAST	C
					Particulate Organic Nitrogen	47.5	ug/L		SMAST	C
					Phaeophytin	0.58	mg/L		SMAST	C
					TKN	0.296	mg/L		SMAST	C
					Total Nitrogen	0.397	mg/L		SMAST	C

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
14J-PMI	M013-C-LF1	7/27/2010	LF1	3:55 PM	Total Phosphorus	19.40	ug/L		SMAST	C
					Total Suspended Solids	2.1	mg/L		SMAST	C
					Winkler Dissolved Oxygen	8.4	mg/L		SMAST	C
	M013-G-LF1	7/27/2010	LF1	6:01 AM	E. coli	58	mpn/100ml		EPA	G
	M013-F-LF1	7/27/2010	LF1	5:50 AM	Conductivity	48	us/cm		FIELD	F
					Field Dissolved Oxygen	8.0	mg/L		FIELD	F
						8.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	86.8	%		FIELD	F
						87.6	%		FIELD	F
					pH	7.3	su		FIELD	F
						7.7	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C	NS	FIELD	F
					Temperature	19.6	C		FIELD	F
					Total Water Depth	5.5	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
				3:55 PM	Conductivity	53	us/cm		FIELD	F
					Field Dissolved Oxygen	8.7	mg/L		FIELD	F
						8.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	101.9	%		FIELD	F
						102.3	%		FIELD	F
					pH	7.0	su		FIELD	F
						7.0	su		FIELD	F
					Specific Conductivity	55	us/cm@25C		FIELD	F
					Temperature	23.2	C		FIELD	F
						23.2	C		FIELD	F
					Total Water Depth	4.0	feet		FIELD	F
					Turbidity	0.0	ntu		FIELD	F
						1.0	ntu		FIELD	F
	M013-G-HF1	5/17/2012	HF1	10:25 AM	Ammonia	44.5	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	215.2	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	322.5	ug/L	(blank)	SMAST	G
					Nitrates	170.7	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	(blank)	SMAST	G
					Specific Conductivity	36	us/cm@25C	(blank)	FIELD	F
					TKN	0.367	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.5	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.753	mg/L	(blank)	SMAST	G
					Total Phosphorus	14.14	ug/L	(blank)	SMAST	G
					Total Suspended Solids	5.0	mg/L	(blank)	EAI	G
	M013-F-HF1	5/17/2012	HF1	10:25 AM	Conductivity	29	us/cm		FIELD	F
					Field Dissolved Oxygen	10.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.9	%		FIELD	F
					pH	6.2	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	12.2	C		FIELD	F
				10:35 AM	Total Water Depth	4.0	feet		FIELD	F
					Turbidity	8.5	ntu		FIELD	F
					Conductivity	29	us/cm		FIELD	F
					Field Dissolved Oxygen	9.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.2	%		FIELD	F
					pH	6.2	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	12.2	C		FIELD	F
					Turbidity	8.8	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Squam River 00E-SQM	T015-G-LF2	9/21/2010	LF2	3:40 PM	Ammonia	8.7	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.80	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	19.1	ug/L		SMAST	G
					Dissolved Organic Nitrogen	245.7	ug/L		SMAST	G
					Nitrates	10.3	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L	<	SMAST	G
					Particulate Organic Carbon	283	ug/L		SMAST	G
					Particulate Organic Nitrogen	29.2	ug/L		SMAST	G
					TKN	0.284	mg/L		SMAST	G
					Total Nitrogen	0.294	mg/L		SMAST	G
					Total Phosphorus	9.19	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
	T015-F-LF2	9/21/2010	LF2	3:35 PM	Winkler Dissolved Oxygen	8.5	mg/L		SMAST	G
					Conductivity	44	us/cm		FIELD	F
					Field Dissolved Oxygen	9.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.6	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	52	us/cm@25C		FIELD	F
					Temperature	17.1	C		FIELD	F
					Total Water Depth	3.8	feet		FIELD	F
				3:50 PM	Turbidity	0.0	ntu		FIELD	F
					Conductivity	44	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.1	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	52	us/cm@25C		FIELD	F
					Temperature	17.2	C		FIELD	F
	T015-G-LF1	7/27/2010	LF1	10:53 AM	Turbidity	0.0	ntu		FIELD	F
					Ammonia	15.1	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	2.06	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.37	ratio		SMAST	G
					Chlorophyll-a	0.76	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	35.0	ug/L		SMAST	G
					Dissolved Organic Nitrogen	245.1	ug/L		SMAST	G
					Nitrates	19.9	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	368	ug/L		SMAST	G
					Particulate Organic Nitrogen	38.0	ug/L		SMAST	G
	T015-F-LF1	7/27/2010	LF1	11:30 AM 10:53 AM	Phaeophytin	1.30	mg/L		SMAST	G
					TKN	0.298	mg/L		SMAST	G
					Total Nitrogen	0.318	mg/L		SMAST	G
					Total Phosphorus	12.50	ug/L		SMAST	G
					Total Suspended Solids	2.0	mg/L		SMAST	G
					Winkler Dissolved Oxygen	7.9	mg/L		SMAST	G
					E. coli	54	mpn/100ml		EPA	G
					Conductivity	57	us/cm		FIELD	F
					Field Dissolved Oxygen	8.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.6	%		FIELD	F
					pH	7.4	su		FIELD	F
						7.6	su		FIELD	F
					Specific Conductivity	59	us/cm@25C		FIELD	F
					Temperature	23.2	C		FIELD	F
						23.2	C		FIELD	F
					Total Water Depth	4.5	feet		FIELD	F
					Turbidity	0.5	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
00E-SQM	T015-F-LF1	7/27/2010	LF1	10:53 AM	Turbidity	0.6	ntu		FIELD	F
	T015-G-HF1	5/17/2012	HF1	12:00 PM	Ammonia	47.0	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	146.3	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	198.7	ug/L	(blank)	SMAST	G
					Nitrates	99.3	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	96	us/cm@25C	(blank)	FIELD	F
					TKN	0.246	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.3	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.491	mg/L	(blank)	SMAST	G
					Total Phosphorus	7.79	ug/L	(blank)	SMAST	G
					Total Suspended Solids	3.0	mg/L	(blank)	EAI	G
	T015-F-HF1	5/17/2012	HF1	12:11 PM	Conductivity	80	us/cm		FIELD	F
					Field Dissolved Oxygen	6.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	67.2	%		FIELD	F
					pH	6.5	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	15.0	C		FIELD	F
					Turbidity	6.2	ntu		FIELD	F
				12:15 PM	Conductivity	80	us/cm		FIELD	F
					Field Dissolved Oxygen	5.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	56.9	%		FIELD	F
					pH	6.6	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	15.0	C		FIELD	F
					Turbidity	5.9	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Ayers Island 1 09J-PMI	M016-G-LF2	9/21/2010	LF2	10:15 AM	Ammonia	6.9	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	10	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	1.60	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	92.9	ug/L		SMAST	G
					Dissolved Organic Nitrogen	227.8	ug/L		SMAST	G
					E. coli	4	mpn/100ml	<	EPA	G
					Nitrates	86.0	ug/L		SMAST	G
					Orthophosphates	3.10	ug/L		SMAST	G
					Particulate Organic Carbon	398	ug/L		SMAST	G
					Particulate Organic Nitrogen	46.7	ug/L		SMAST	G
					TKN	0.281	mg/L		SMAST	G
					Total Nitrogen	0.367	mg/L		SMAST	G
					Total Phosphorus	8.22	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	8.7	mg/L		SMAST	G
	M016-F-LF2	9/21/2010	LF2	10:12 AM	Conductivity	43	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	91.8	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	54	us/cm@25C		FIELD	F
					Temperature	14.6	C		FIELD	F
				10:20 AM	Total Water Depth	13.0	feet		FIELD	F
					Turbidity	0.1	ntu		FIELD	F
					Conductivity	43	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	90.7	%		FIELD	F
					pH	6.9	su		FIELD	F
					Specific Conductivity	54	us/cm@25C		FIELD	F
					Temperature	14.5	C		FIELD	F
					Turbidity	0.1	ntu		FIELD	F
	M016-G-LF1	7/27/2010	LF1	5:02 AM	E. coli	73	mpn/100ml	J	EPA	G
					Ammonia	1.0	ug/L	<	SMAST	G
				7:34 PM	Carbon to Nitrogen Ratio	10	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	2.21	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.63	ratio		SMAST	G
					Chlorophyll-a	1.39	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	67.4	ug/L		SMAST	G
					Dissolved Organic Nitrogen	237.2	ug/L		SMAST	G
					Nitrates	66.7	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	367	ug/L		SMAST	G
					Particulate Organic Nitrogen	43.5	ug/L		SMAST	G
					Phaeophytin	0.82	mg/L		SMAST	G
					TKN	0.282	mg/L		SMAST	G
					Total Nitrogen	0.348	mg/L		SMAST	G
					Total Phosphorus	11.85	ug/L		SMAST	G
					Total Suspended Solids	2.7	mg/L		SMAST	G
	M016-F-LF1	7/27/2010	LF1	5:22 AM	Winkler Dissolved Oxygen	8.2	mg/L		SMAST	G
					Conductivity	47	us/cm		FIELD	F
					Field Dissolved Oxygen	8.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	92.7	%		FIELD	F
					pH	7.6	su		FIELD	F
					Specific Conductivity	51	us/cm@25C		FIELD	F
				7:34 PM	Temperature	21.6	C		FIELD	F
					Total Water Depth	11.8	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	52	us/cm		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
09J-PMI	M016-F-LF1	7/27/2010	LF1	7:34 PM	Field Dissolved Oxygen	7.2	mg/L		FIELD	F
						7.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	89.0	%		FIELD	F
						91.6	%		FIELD	F
					pH	6.9	su		FIELD	F
						7.1	su		FIELD	F
					Secchi Depth	7.8	feet		FIELD	F
					Specific Conductivity	53	us/cm@25C		FIELD	F
						54	us/cm@25C		FIELD	F
					Temperature	23.4	C		FIELD	F
						23.9	C		FIELD	F
					Total Water Depth	11.4	feet		FIELD	F
					Turbidity	1.8	ntu		FIELD	F
						2.4	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Ayers Island 2 08J-PMI	M017-G-LF2	9/21/2010	LF2	11:00 AM	Ammonia	5.7	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	8.40	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	91.0	ug/L		SMAST	G
					Dissolved Organic Nitrogen	216.8	ug/L		SMAST	G
					E. coli	8	mpn/100ml		EPA	G
					Nitrates	85.3	ug/L		SMAST	G
					Orthophosphates	3.10	ug/L		SMAST	G
					Particulate Organic Carbon	686	ug/L		SMAST	G
					Particulate Organic Nitrogen	88.4	ug/L		SMAST	G
					TKN	0.311	mg/L		SMAST	G
					Total Nitrogen	0.396	mg/L		SMAST	G
					Total Phosphorus	7.43	ug/L		SMAST	G
					Total Suspended Solids	2.0	mg/L	<	EAI	G
	M017-F-LF2	9/21/2010	LF2	11:00 AM	Winkler Dissolved Oxygen	8.5	mg/L		SMAST	G
					Conductivity	65	us/cm		FIELD	F
					Field Dissolved Oxygen	8.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	88.4	%		FIELD	F
					pH	7.0	su		FIELD	F
				11:15 AM	Secchi Depth	8.5	feet		FIELD	F
					Specific Conductivity	77	us/cm@25C		FIELD	F
					Temperature	17.1	C		FIELD	F
					Total Water Depth	33.0	feet		FIELD	F
					Turbidity	0.3	ntu		FIELD	F
					Conductivity	65	us/cm		FIELD	F
					Field Dissolved Oxygen	8.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	88.1	%		FIELD	F
					pH	6.9	su		FIELD	F
					Specific Conductivity	77	us/cm@25C		FIELD	F
	M017-G-LF1	7/27/2010	LF1	5:46 AM	Turbidity	0.1	ntu		FIELD	F
					E. coli	30	mpn/100ml	J	EPA	G
				6:43 PM	Ammonia	5.4	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	10	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	7.06	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.82	ratio		SMAST	G
					Chlorophyll-a	5.79	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	74.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	297.6	ug/L		SMAST	G
					Nitrates	68.8	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	805	ug/L		SMAST	G
					Particulate Organic Nitrogen	95.6	ug/L		SMAST	G
	Phaeophytin	1.27	mg/L		SMAST	G				
	M017-F-LF1	7/27/2010	LF1	5:45 AM	TKN	0.399	mg/L		SMAST	G
					Total Nitrogen	0.467	mg/L		SMAST	G
					Total Phosphorus	17.24	ug/L		SMAST	G
					Total Suspended Solids	6.5	mg/L		SMAST	G
					Winkler Dissolved Oxygen	7.8	mg/L		SMAST	G
					Conductivity	56	us/cm		FIELD	F
					Field Dissolved Oxygen	7.5	mg/L		FIELD	F
						7.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	88.6	%		FIELD	F
						89.2	%		FIELD	F
					pH	7.2	su		FIELD	F
						7.5	su		FIELD	F
					Specific Conductivity	57	us/cm@25C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
08J-PMI	M017-F-LF1	7/27/2010	LF1	5:45 AM	Temperature	23.7	C		FIELD	F
						23.8	C		FIELD	F
					Total Water Depth	23.3	feet		FIELD	F
				6:43 PM	Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	61	us/cm		FIELD	F
					Field Dissolved Oxygen	7.2	mg/L		FIELD	F
						7.4	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	87.7	%		FIELD	F
						90.7	%		FIELD	F
					pH	7.0	su		FIELD	F
						7.1	su		FIELD	F
					Secchi Depth	5.5	feet		FIELD	F
					Specific Conductivity	61	us/cm@25C		FIELD	F
					Temperature	25.2	C		FIELD	F
						25.3	C		FIELD	F
					Total Water Depth	23.0	feet		FIELD	F
	M017-G-HF1	5/17/2012	HF1	12:15 PM	Turbidity	1.9	ntu		FIELD	F
						2.5	ntu		FIELD	F
					Ammonia	20.7	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.70	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	137.5	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	218.6	ug/L	(blank)	SMAST	G
					Nitrates	116.8	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	39	us/cm@25C	(blank)	FIELD	F
					TKN	0.239	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.494	mg/L	(blank)	SMAST	G
					Total Phosphorus	7.79	ug/L	(blank)	SMAST	G
					Total Suspended Solids	3.0	mg/L	(blank)	EAI	G
	M017-F-HF1	5/17/2012	HF1	12:09 PM	Winkler Dissolved Oxygen	9.7	mg/L		SMAST	G
					Conductivity	32	us/cm		FIELD	F
					Field Dissolved Oxygen	8.4	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	83.9	%		FIELD	F
					pH	6.3	su		FIELD	F
					Secchi Depth	9.3	feet		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	13.9	C		FIELD	F
					Total Water Depth	23.0	feet		FIELD	F
					Turbidity	3.0	ntu		FIELD	F
					Conductivity	32	us/cm		FIELD	F
					Field Dissolved Oxygen	8.4	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	84.2	%		FIELD	F
					pH	6.3	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
				12:50 PM	Temperature	14.0	C		FIELD	F
					Turbidity	3.4	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Ayers Island, U/S Bristol WWTF 07R-PMI	M018-G-LF2	9/21/2010	LF2	8:10 AM	Ammonia	17.3	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	10	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	4.20	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	133.9	ug/L		SMAST	G
					Dissolved Organic Nitrogen	191.2	ug/L		SMAST	G
					E. coli	12	mpn/100ml		EPA	G
					Nitrates	116.6	ug/L		SMAST	G
					Orthophosphates	3.10	ug/L		SMAST	G
					Particulate Organic Carbon	572	ug/L		SMAST	G
					Particulate Organic Nitrogen	67.5	ug/L		SMAST	G
					TKN	0.276	mg/L		SMAST	G
					Total Nitrogen	0.393	mg/L		SMAST	G
					Total Phosphorus	11.54	ug/L		SMAST	G
					Total Suspended Solids	2.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	8.9	mg/L		SMAST	G
	M018-F-LF2	9/21/2010	LF2	8:10 AM	Conductivity	67	us/cm		FIELD	F
					Field Dissolved Oxygen	9.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	91.8	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	80	us/cm@25C		FIELD	F
					Temperature	16.4	C		FIELD	F
					Total Water Depth	3.0	feet		FIELD	F
				8:20 AM	Turbidity	0.1	ntu		FIELD	F
					Conductivity	67	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.3	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	80	us/cm@25C		FIELD	F
					Temperature	16.4	C		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
	M018-G-LF1	7/27/2010	LF1	8:15 AM	Ammonia	12.5	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	5.68	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.61	ratio		SMAST	G
					Chlorophyll-a	3.47	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	88.5	ug/L		SMAST	G
					Dissolved Organic Nitrogen	235.5	ug/L		SMAST	G
					Nitrates	76.0	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	692	ug/L		SMAST	G
					Particulate Organic Nitrogen	73.4	ug/L		SMAST	G
					Phaeophytin	2.22	mg/L		SMAST	G
					TKN	0.321	mg/L		SMAST	G
					Total Nitrogen	0.397	mg/L		SMAST	G
					Total Phosphorus	13.79	ug/L		SMAST	G
					Total Suspended Solids	3.1	mg/L		SMAST	G
	M018-F-LF1	7/27/2010	LF1	8:57 AM	Winkler Dissolved Oxygen	7.6	mg/L		SMAST	G
				8:15 AM	E. coli	4	mpn/100ml		EPA	G
					Conductivity	58	us/cm		FIELD	F
						59	us/cm		FIELD	F
					Field Dissolved Oxygen	6.6	mg/L		FIELD	F
						7.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	77.3	%		FIELD	F
						89.7	%		FIELD	F
					pH	7.0	su		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
07R-PMI	M018-F-LF1	7/27/2010	LF1	8:15 AM	pH	7.3	su		FIELD	F
					Specific Conductivity	60	us/cm@25C		FIELD	F
						61	us/cm@25C		FIELD	F
					Temperature	23.3	C		FIELD	F
					Total Water Depth	3.5	feet		FIELD	F
					Turbidity	1.7	ntu		FIELD	F
	M018-G-HF1	5/17/2012	HF1	1:05 PM		1.9	ntu		FIELD	F
					Ammonia	23.9	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	108.9	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	214.4	ug/L	(blank)	SMAST	G
					Nitrates	85.0	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	35	us/cm@25C	(blank)	FIELD	F
					TKN	0.238	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.3	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.432	mg/L	(blank)	SMAST	G
					Total Phosphorus	6.97	ug/L	(blank)	SMAST	G
					Total Suspended Solids	4.0	mg/L	(blank)	EAI	G
	M018-F-HF1	5/17/2012	HF1	1:15 PM	Conductivity	28	us/cm		FIELD	F
					Field Dissolved Oxygen	10.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	99.2	%		FIELD	F
					pH	5.8	su		FIELD	F
					Temperature	12.2	C		FIELD	F
				1:17 PM	Turbidity	13.2	ntu		FIELD	F
					Conductivity	28	us/cm		FIELD	F
					Field Dissolved Oxygen	10.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	98.1	%		FIELD	F
					pH	5.7	su		FIELD	F
					Temperature	12.2	C		FIELD	F
					Turbidity	15.5	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Bristol WWTF 1 07K-PMI	M019-C-LF2	9/21/2010	LF2	7:20 AM	Ammonia	22.8	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	10	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	3.40	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	171.9	ug/L		SMAST	C
					Dissolved Organic Nitrogen	191.0	ug/L		SMAST	C
					Nitrates	149.1	ug/L		SMAST	C
					Orthophosphates	7.75	ug/L		SMAST	C
					Particulate Organic Carbon	532	ug/L		SMAST	C
					Particulate Organic Nitrogen	59.1	ug/L		SMAST	C
					TKN	0.273	mg/L		SMAST	C
					Total Nitrogen	0.422	mg/L		SMAST	C
					Total Phosphorus	15.84	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L	<	EAI	C
					Winkler Dissolved Oxygen	8.7	mg/L		SMAST	C
	M019-G-LF2	9/21/2010	LF2	7:00 AM	E. coli	4	mpn/100ml		EPA	G
	M019-F-LF2	9/21/2010	LF2	6:40 AM	Conductivity	66	us/cm		FIELD	F
					Field Dissolved Oxygen	9.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	91.6	%		FIELD	F
				6:50 AM	pH	8.0	su		FIELD	F
					Specific Conductivity	80	us/cm@25C		FIELD	F
					Temperature	16.2	C		FIELD	F
					Total Water Depth	3.0	feet		FIELD	F
					Conductivity	67	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	94.3	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	80	us/cm@25C		FIELD	F
					Temperature	16.2	C		FIELD	F
				7:00 AM	Conductivity	66	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.5	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	77	us/cm@25C		FIELD	F
					Temperature	16.7	C		FIELD	F
					Total Water Depth	3.0	feet		FIELD	F
				7:20 AM	Turbidity	0.1	ntu		FIELD	F
					Conductivity	66	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.8	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	79	us/cm@25C		FIELD	F
					Temperature	16.7	C		FIELD	F
	M019-C-LF1	7/27/2010	LF1	7:30 PM	Turbidity	0.1	ntu		FIELD	F
					Ammonia	28.0	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	10	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	5.41	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.62	ratio		SMAST	C
					Chlorophyll-a	3.36	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	109.8	ug/L		SMAST	C
					Dissolved Organic Nitrogen	297.1	ug/L		SMAST	C
					Nitrates	81.8	ug/L		SMAST	C
					Orthophosphates	4.65	ug/L		SMAST	C
					Particulate Organic Carbon	912	ug/L		SMAST	C
					Particulate Organic Nitrogen	105.6	ug/L		SMAST	C
					Phaeophytin	2.04	mg/L		SMAST	C
					TKN	0.431	mg/L		SMAST	C
					Total Nitrogen	0.513	mg/L		SMAST	C

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
07K-PMI	M019-C-LF1	7/27/2010	LF1	7:30 PM	Total Phosphorus	24.64	ug/L		SMAST	C
					Total Suspended Solids	3.9	mg/L		SMAST	C
					Winkler Dissolved Oxygen	8.2	mg/L		SMAST	C
	M019-G-LF1	7/27/2010	LF1	7:58 AM	E. coli	4	mpn/100ml		EPA	G
	M019-F-LF1	7/27/2010	LF1	7:50 AM	Conductivity	(blank)	us/cm	NS	FIELD	F
					Field Dissolved Oxygen	6.8	mg/L		FIELD	F
						6.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	79.2	%		FIELD	F
						79.6	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	65	us/cm@25C		FIELD	F
						65	us/cm@25C		FIELD	F
					Temperature	22.8	C		FIELD	F
					Total Water Depth	3.0	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	55	us/cm		FIELD	F
					Field Dissolved Oxygen	7.5	mg/L		FIELD	F
						7.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	87.9	%		FIELD	F
						89.9	%		FIELD	F
					pH	6.8	su		FIELD	F
						6.8	su		FIELD	F
					Specific Conductivity	57	us/cm@25C		FIELD	F
					Temperature	23.2	C		FIELD	F
					Total Water Depth	2.5	feet		FIELD	F
					Turbidity	0.9	ntu		FIELD	F
						1.0	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Bristol WWTF 2 07-PMI	M020-G-LF2	9/21/2010	LF2	9:00 AM	Ammonia	27.7	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.90	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	180.8	ug/L		SMAST	G
					Dissolved Organic Nitrogen	168.0	ug/L		SMAST	G
					E. coli	8	mpn/100ml	J	EPA	G
					Nitrates	153.1	ug/L		SMAST	G
					Orthophosphates	4.65	ug/L		SMAST	G
					Particulate Organic Carbon	425	ug/L		SMAST	G
					Particulate Organic Nitrogen	47.1	ug/L		SMAST	G
					TKN	0.243	mg/L		SMAST	G
					Total Nitrogen	0.396	mg/L		SMAST	G
					Total Phosphorus	10.95	ug/L		SMAST	G
					Total Suspended Solids	2.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	9.1	mg/L		SMAST	G
	M020-F-LF2	9/21/2010	LF2	9:00 AM	Conductivity	67	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	94.3	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	80	us/cm@25C		FIELD	F
					Temperature	16.1	C		FIELD	F
					Total Water Depth	3.5	feet		FIELD	F
				9:01 AM	Turbidity	0.2	ntu		FIELD	F
					Conductivity	66	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	94.9	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	80	us/cm@25C		FIELD	F
					Temperature	16.1	C		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
	M020-G-LF1	7/27/2010	LF1	11:20 AM	Ammonia	17.7	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	13	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	4.38	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.54	ratio		SMAST	G
					Chlorophyll-a	2.37	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	99.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	358.5	ug/L		SMAST	G
					E. coli	12	mpn/100ml		EPA	G
					Nitrates	81.5	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	588	ug/L		SMAST	G
					Particulate Organic Nitrogen	52.4	ug/L		SMAST	G
					Phaeophytin	2.01	mg/L		SMAST	G
					TKN	0.429	mg/L		SMAST	G
					Total Nitrogen	0.510	mg/L		SMAST	G
					Total Phosphorus	19.83	ug/L		SMAST	G
					Total Suspended Solids	3.0	mg/L		SMAST	G
	M020-F-LF1	7/27/2010	LF1	11:20 AM	Winkler Dissolved Oxygen	7.8	mg/L		SMAST	G
					Conductivity	56	us/cm		FIELD	F
					Field Dissolved Oxygen	7.7	mg/L		FIELD	F
						7.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	91.2	%		FIELD	F
						93.0	%		FIELD	F
					pH	7.1	su		FIELD	F
						7.2	su		FIELD	F
					Specific Conductivity	58	us/cm@25C		FIELD	F
					Temperature	23.6	C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
07-PMI	M020-F-LF1	7/27/2010	LF1	11:20 AM	Total Water Depth	3.3	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
	M020-G-HF1	5/17/2012	HF1	2:10 PM	Ammonia	18.9	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	100.2	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	197.4	ug/L	(blank)	SMAST	G
					Nitrates	81.3	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	34	us/cm@25C	(blank)	FIELD	F
					TKN	0.216	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.3	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.398	mg/L	(blank)	SMAST	G
					Total Phosphorus	7.58	ug/L	(blank)	SMAST	G
					Total Suspended Solids	4.0	mg/L	(blank)	EAI	G
					Winkler Dissolved Oxygen	9.8	mg/L		SMAST	G
	M020-F-HF1	5/17/2012	HF1	2:20 PM	Conductivity	28	us/cm		FIELD	F
					Field Dissolved Oxygen	9.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	98.9	%		FIELD	F
					pH	6.3	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	13.9	C		FIELD	F
					Turbidity	10.0	ntu		FIELD	F
				2:30 PM	Conductivity	28	us/cm		FIELD	F
					Field Dissolved Oxygen	5.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	56.1	%		FIELD	F
					pH	6.1	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	13.8	C		FIELD	F
					Turbidity	8.8	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Newfound River 01-NFD	T021-G-LF2	9/21/2010	LF2	6:31 PM	Ammonia	13.0	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.60	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	26.6	ug/L		SMAST	G
					Dissolved Organic Nitrogen	225.7	ug/L		SMAST	G
					Nitrates	13.6	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L	<	SMAST	G
					Particulate Organic Carbon	214	ug/L		SMAST	G
					Particulate Organic Nitrogen	22.8	ug/L		SMAST	G
	T021-F-LF2	9/21/2010	LF2	6:26 AM	TKN	0.262	mg/L		SMAST	G
					Total Nitrogen	0.275	mg/L		SMAST	G
					Total Phosphorus	4.69	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	8.3	mg/L		SMAST	G
					Conductivity	35	us/cm		FIELD	F
					Field Dissolved Oxygen	9.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	107.8	%		FIELD	F
					pH	6.9	su		FIELD	F
					Specific Conductivity	40	us/cm@25C		FIELD	F
	T021-G-LF1	7/27/2010	LF1	8:40 PM	Temperature	18.4	C		FIELD	F
					Total Water Depth	2.5	feet		FIELD	F
					Turbidity	0.9	ntu		FIELD	F
					Conductivity	31	us/cm		FIELD	F
					Field Dissolved Oxygen	9.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	101.4	%		FIELD	F
					pH	6.9	su		FIELD	F
					Specific Conductivity	37	us/cm@25C		FIELD	F
					Temperature	18.4	C		FIELD	F
					Turbidity	0.9	ntu		FIELD	F
	T021-F-LF1	7/27/2010	LF1	8:40 PM	Ammonia	6.0	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	1.46	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.57	ratio		SMAST	G
					Chlorophyll-a	0.84	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	20.4	ug/L		SMAST	G
					Dissolved Organic Nitrogen	282.7	ug/L		SMAST	G
					Nitrates	14.4	ug/L		SMAST	G
	T021-G-HF1	5/17/2012	HF1	2:50 PM	Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	375	ug/L		SMAST	G
					Particulate Organic Nitrogen	41.3	ug/L		SMAST	G
					Phaeophytin	0.62	mg/L		SMAST	G
					TKN	0.330	mg/L		SMAST	G
					Total Nitrogen	0.344	mg/L		SMAST	G
					Total Phosphorus	8.84	ug/L		SMAST	G
					Total Suspended Solids	1.5	mg/L		SMAST	G
					Winkler Dissolved Oxygen	7.7	mg/L		SMAST	G
					Conductivity	41	us/cm		FIELD	F
	T021-F-LF1	7/27/2010	LF1	8:40 PM	Field Dissolved Oxygen	7.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	85.7	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	42	us/cm@25C		FIELD	F
					Temperature	24.4	C		FIELD	F
					Total Water Depth	2.5	feet		FIELD	F
					Turbidity	0.9	ntu		FIELD	F
					Ammonia	21.4	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	67.3	ug/L	(blank)	SMAST	G

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01-NFD	T021-G-HF1	5/17/2012	HF1	2:50 PM	Dissolved Organic Nitrogen	174.0	ug/L	(blank)	SMAST	G
					Nitrates	46.0	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	47	us/cm@25C	(blank)	FIELD	F
					TKN	0.195	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.2	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.309	mg/L	(blank)	SMAST	G
					Total Phosphorus	7.38	ug/L	(blank)	SMAST	G
					Total Suspended Solids	2.0	mg/L	(blank)	EAI	G
					Conductivity	38	us/cm		FIELD	F
	T021-F-HF1	5/17/2012	HF1	2:54 PM	Field Dissolved Oxygen	9.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	94.7	%		FIELD	F
					pH	5.9	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	13.6	C		FIELD	F
					Total Water Depth	2.2	feet		FIELD	F
					Turbidity	3.7	ntu		FIELD	F
					Conductivity	38	us/cm		FIELD	F
				2:55 PM	Field Dissolved Oxygen	9.4	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.1	%		FIELD	F
					pH	6.0	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	13.6	C		FIELD	F
					Turbidity	3.6	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Smith River OOP-SMT	T022-G-LF2	9/21/2010	LF2	6:35 PM	Ammonia	2.6	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.50	ug/L	<	EAI	G
					Dissolved Inorganic Nitrogen	96.3	ug/L		SMAST	G
					Dissolved Organic Nitrogen	197.0	ug/L		SMAST	G
					Nitrates	93.7	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L	<	SMAST	G
					Particulate Organic Carbon	224	ug/L		SMAST	G
					Particulate Organic Nitrogen	23.6	ug/L		SMAST	G
					TKN	0.223	mg/L		SMAST	G
					Total Nitrogen	0.317	mg/L		SMAST	G
					Total Phosphorus	4.30	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
	Winkler Dissolved Oxygen	9.5	mg/L		SMAST	G				
	T022-F-LF2	9/21/2010	LF2	6:35 AM	Conductivity	75	us/cm		FIELD	F
					Field Dissolved Oxygen	10.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	98.6	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	95	us/cm@25C		FIELD	F
					Temperature	14.0	C		FIELD	F
					Total Water Depth	1.0	feet		FIELD	F
				Turbidity	0.0	ntu		FIELD	F	
				6:50 AM	Conductivity	75	us/cm		FIELD	F
					Field Dissolved Oxygen	9.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	92.6	%		FIELD	F
					pH	7.5	su		FIELD	F
					Specific Conductivity	95	us/cm@25C		FIELD	F
					Temperature	14.0	C		FIELD	F
	Turbidity	0.0	ntu			FIELD	F			
	T022-G-LF1	7/27/2010	LF1	8:20 PM	Ammonia	3.4	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	10	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	2.01	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.47	ratio		SMAST	G
					Chlorophyll-a	0.95	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	62.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	353.2	ug/L		SMAST	G
					Nitrates	58.8	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	320	ug/L		SMAST	G
					Particulate Organic Nitrogen	35.8	ug/L		SMAST	G
					Phaeophytin	1.06	mg/L		SMAST	G
	TKN	0.392	mg/L		SMAST	G				
	Total Nitrogen	0.451	mg/L		SMAST	G				
	Total Phosphorus	14.22	ug/L		SMAST	G				
	Total Suspended Solids	1.5	mg/L		SMAST	G				
	Winkler Dissolved Oxygen	8.1	mg/L		SMAST	G				
	T022-F-LF1	7/27/2010	LF1	8:20 PM	Conductivity	73	us/cm		FIELD	F
					Field Dissolved Oxygen	8.2	mg/L		FIELD	F
						8.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.3	%		FIELD	F
						96.8	%		FIELD	F
					pH	7.2	su		FIELD	F
						7.3	su		FIELD	F
					Specific Conductivity	76	us/cm@25C		FIELD	F
					Temperature	22.8	C		FIELD	F
					Total Water Depth	0.5	feet		FIELD	F
					Turbidity	0.7	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
OOP-SMT	T022-F-LF1	7/27/2010	LF1	8:20 PM	Turbidity	0.9	ntu		FIELD	F
	T022-G-HF1	5/17/2012	HF1	3:20 PM	Ammonia	38.2	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	77.8	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	275.2	ug/L	(blank)	SMAST	G
					Nitrates	39.6	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	44	us/cm@25C	(blank)	FIELD	F
					TKN	0.313	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.431	mg/L	(blank)	SMAST	G
					Total Phosphorus	7.79	ug/L	(blank)	SMAST	G
					Total Suspended Solids	3.0	mg/L	(blank)	EAI	G
	T022-F-HF1	5/17/2012	HF1	3:30 PM	Conductivity	37	us/cm		FIELD	F
					Field Dissolved Oxygen	9.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	102.0	%		FIELD	F
					pH	6.6	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	15.7	C		FIELD	F
					Total Water Depth	2.0	feet		FIELD	F
					Turbidity	19.8	ntu		FIELD	F
				3:31 PM	Conductivity	37	us/cm		FIELD	F
					Field Dissolved Oxygen	9.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	101.6	%		FIELD	F
					pH	6.6	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	15.7	C		FIELD	F
					Turbidity	7.9	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Franklin Falls 1 04-PMI	M023-C-LF2	9/21/2010	LF2	12:20 PM	Ammonia	2.0	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	10	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.70	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	115.2	ug/L		SMAST	C
					Dissolved Organic Nitrogen	180.1	ug/L		SMAST	C
					Nitrates	113.2	ug/L		SMAST	C
					Orthophosphates	3.88	ug/L		SMAST	C
					Particulate Organic Carbon	364	ug/L		SMAST	C
					Particulate Organic Nitrogen	44.0	ug/L		SMAST	C
					TKN	0.226	mg/L		SMAST	C
					Total Nitrogen	0.339	mg/L		SMAST	C
					Total Phosphorus	14.47	ug/L		SMAST	C
					Total Suspended Solids	2.0	mg/L	<	EAI	C
	M023-G-LF2	9/21/2010	LF2	12:20 PM	Winkler Dissolved Oxygen	8.9	mg/L		SMAST	C
					E. coli	39	mpn/100ml		EPA	G
	M023-F-LF2	9/21/2010	LF2	12:20 PM	Conductivity	66	us/cm		FIELD	F
					Field Dissolved Oxygen	9.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.3	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	79	us/cm@25C		FIELD	F
					Temperature	16.9	C		FIELD	F
					Total Water Depth	17.0	feet		FIELD	F
				12:30 PM	Turbidity	0.4	ntu		FIELD	F
					Conductivity	67	us/cm		FIELD	F
					Field Dissolved Oxygen	8.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	91.4	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	79	us/cm@25C		FIELD	F
					Temperature	17.0	C		FIELD	F
					Turbidity	0.3	ntu		FIELD	F
	M023-C-LF1	7/27/2010	LF1	5:20 PM	Ammonia	13.1	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	10	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	2.86	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.67	ratio		SMAST	C
					Chlorophyll-a	1.93	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	96.1	ug/L		SMAST	C
					Dissolved Organic Nitrogen	293.9	ug/L		SMAST	C
					Nitrates	83.0	ug/L		SMAST	C
					Orthophosphates	3.00	ug/L		SMAST	C
					Particulate Organic Carbon	452	ug/L		SMAST	C
					Particulate Organic Nitrogen	51.3	ug/L		SMAST	C
					Phaeophytin	0.93	mg/L		SMAST	C
					TKN	0.358	mg/L		SMAST	C
	M023-G-LF1	7/27/2010	LF1	7:02 AM	Total Nitrogen	0.441	mg/L		SMAST	C
					Total Phosphorus	12.93	ug/L		SMAST	C
	M023-F-LF1	7/27/2010	LF1	7:00 AM	Total Suspended Solids	1.8	mg/L		SMAST	C
					Winkler Dissolved Oxygen	7.6	mg/L		SMAST	C
					E. coli	34	mpn/100ml		EPA	G
					Conductivity	55	us/cm		FIELD	F
					Field Dissolved Oxygen	8.1	mg/L		FIELD	F
						8.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.9	%		FIELD	F
						94.7	%		FIELD	F
					pH	7.4	su		FIELD	F
						7.5	su		FIELD	F
					Specific Conductivity	58	us/cm@25C		FIELD	F
					Temperature	22.5	C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
04-PMI	M023-F-LF1	7/27/2010	LF1	7:00 AM	Temperature	22.5	C		FIELD	F
					Total Water Depth	19.5	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
				5:20 PM	Conductivity	57	us/cm		FIELD	F
					Field Dissolved Oxygen	7.4	mg/L		FIELD	F
						7.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	83.6	%		FIELD	F
						87.4	%		FIELD	F
					pH	7.0	su		FIELD	F
						7.3	su		FIELD	F
					Secchi Depth	7.9	feet		FIELD	F
					Specific Conductivity	58	us/cm@25C		FIELD	F
					Temperature	24.1	C		FIELD	F
					Total Water Depth	18.6	feet		FIELD	F
					Turbidity	1.5	ntu		FIELD	F
						1.9	ntu		FIELD	F
	M023-G-HF1	5/17/2012	HF1	2:47 PM	Ammonia	22.0	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	1.10	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	143.8	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	232.2	ug/L	(blank)	SMAST	G
					Nitrates	121.8	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	44	us/cm@25C	(blank)	FIELD	F
					TKN	0.254	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.520	mg/L	(blank)	SMAST	G
					Total Phosphorus	10.86	ug/L	(blank)	SMAST	G
					Total Suspended Solids	3.0	mg/L	(blank)	EAI	G
	M023-F-HF1	5/17/2012	HF1	2:43 PM	Conductivity	36	us/cm		FIELD	F
					Field Dissolved Oxygen	9.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.8	%		FIELD	F
					pH	6.4	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	13.7	C		FIELD	F
					Total Water Depth	35.0	feet		FIELD	F
					Turbidity	5.0	ntu		FIELD	F
				2:53 PM	Conductivity	36	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	90.1	%		FIELD	F
					pH	6.5	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	13.7	C		FIELD	F
					Turbidity	5.0	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Franklin Falls, U/S Eastman Falls 1 02-PMI	M024-C-LF2	9/21/2010	LF2	2:00 PM	Ammonia	7.5	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.70	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	105.2	ug/L		SMAST	C
					Dissolved Organic Nitrogen	282.3	ug/L		SMAST	C
					Nitrates	97.7	ug/L		SMAST	C
					Orthophosphates	4.65	ug/L		SMAST	C
					Particulate Organic Carbon	457	ug/L		SMAST	C
					Particulate Organic Nitrogen	58.6	ug/L		SMAST	C
					TKN	0.348	mg/L		SMAST	C
					Total Nitrogen	0.446	mg/L		SMAST	C
					Total Phosphorus	10.56	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L		EAI	C
					Winkler Dissolved Oxygen	9.2	mg/L		SMAST	C
	M024-F-LF2	9/21/2010	LF2	2:00 PM	Conductivity	67	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	97.4	%		FIELD	F
					pH	7.2	su		FIELD	F
					Secchi Depth	10.0	feet		FIELD	F
					Specific Conductivity	79	us/cm@25C		FIELD	F
					Temperature	17.6	C		FIELD	F
					Total Water Depth	21.0	feet		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
				2:20 PM	Conductivity	67	us/cm		FIELD	F
					Field Dissolved Oxygen	9.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.9	%		FIELD	F
					pH	7.0	su		FIELD	F
					Specific Conductivity	78	us/cm@25C		FIELD	F
					Temperature	17.4	C		FIELD	F
					Turbidity	0.3	ntu		FIELD	F
	M024-C-LF1	7/27/2010	LF1	8:30 AM	Ammonia	37.0	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	10	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	4.13	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.64	ratio		SMAST	C
					Chlorophyll-a	2.63	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	132.1	ug/L		SMAST	C
					Dissolved Organic Nitrogen	558.2	ug/L		SMAST	C
					Nitrates	95.1	ug/L		SMAST	C
					Orthophosphates	3.00	ug/L		SMAST	C
					Particulate Organic Carbon	588	ug/L		SMAST	C
					Particulate Organic Nitrogen	68.1	ug/L		SMAST	C
					Phaeophytin	1.50	mg/L		SMAST	C
					TKN	0.663	mg/L		SMAST	C
					Total Nitrogen	0.758	mg/L		SMAST	C
					Total Phosphorus	15.52	ug/L		SMAST	C
					Total Suspended Solids	2.7	mg/L		SMAST	C
	M024-G-LF1	7/27/2010	LF1	8:47 AM	Winkler Dissolved Oxygen	7.5	mg/L		SMAST	C
	M024-F-LF1	7/27/2010	LF1	8:30 AM	E. coli	30	mpn/100ml	J	EPA	G
					Conductivity	58	us/cm		FIELD	F
					Field Dissolved Oxygen	7.4	mg/L		FIELD	F
						7.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	87.1	%		FIELD	F
						88.9	%		FIELD	F
					pH	7.3	su		FIELD	F
						7.4	su		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
02-PMI	M024-F-LF1	7/27/2010	LF1	8:30 AM	Secchi Depth	8.3	feet		FIELD	F
					Specific Conductivity	60	us/cm@25C		FIELD	F
					Temperature	23.4	C		FIELD	F
						23.4	C		FIELD	F
					Total Water Depth	18.8	feet		FIELD	F
	M024-G-HF1	5/17/2012	HF1	4:02 PM	Turbidity	1.0	ntu		FIELD	F
						1.1	ntu		FIELD	F
					Ammonia	22.6	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.80	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	142.3	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	201.9	ug/L	(blank)	SMAST	G
					Nitrates	119.7	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	47	us/cm@25C	(blank)	FIELD	F
					TKN	0.224	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.3	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.486	mg/L	(blank)	SMAST	G
					Total Phosphorus	7.58	ug/L	(blank)	SMAST	G
					Total Suspended Solids	3.0	mg/L		EAI	G
	M024-F-HF1	5/17/2012	HF1	3:59 PM	Conductivity	38	us/cm		FIELD	F
					Field Dissolved Oxygen	9.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.4	%		FIELD	F
					pH	6.5	su		FIELD	F
					Secchi Depth	6.3	feet		FIELD	F
				4:08 PM	Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	13.6	C		FIELD	F
					Total Water Depth	21.5	feet		FIELD	F
					Turbidity	4.2	ntu		FIELD	F
					Conductivity	38	us/cm		FIELD	F
					Field Dissolved Oxygen	9.4	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.7	%		FIELD	F
					pH	6.4	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	13.8	C		FIELD	F
					Turbidity	4.3	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Eastman Falls 2 01K-PMI	M025-C-LF2	9/21/2010	LF2	1:30 PM	Ammonia	1.0	ug/L	<	SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	3.10	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	100.3	ug/L		SMAST	C
					Dissolved Organic Nitrogen	198.7	ug/L		SMAST	C
					Nitrates	99.6	ug/L		SMAST	C
					Orthophosphates	3.10	ug/L		SMAST	C
					Particulate Organic Carbon	480	ug/L		SMAST	C
					Particulate Organic Nitrogen	63.0	ug/L		SMAST	C
					TKN	0.263	mg/L		SMAST	C
					Total Nitrogen	0.362	mg/L		SMAST	C
					Total Phosphorus	9.00	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L	<	EAI	C
					Winkler Dissolved Oxygen	8.7	mg/L		SMAST	C
	M025-G-LF2	9/21/2010	LF2	1:00 PM	E. coli	4	mpn/100ml		EPA	G
	M025-F-LF2	9/21/2010	LF2	1:30 PM	Conductivity	68	us/cm		FIELD	F
					Field Dissolved Oxygen	9.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	94.7	%		FIELD	F
					pH	7.0	su		FIELD	F
					Secchi Depth	10.3	feet		FIELD	F
					Specific Conductivity	78	us/cm@25C		FIELD	F
					Temperature	17.9	C		FIELD	F
					Total Water Depth	30.0	feet		FIELD	F
					Turbidity	0.4	ntu		FIELD	F
				1:40 PM	Conductivity	68	us/cm		FIELD	F
					Field Dissolved Oxygen	8.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	92.8	%		FIELD	F
					pH	7.0	su		FIELD	F
					Specific Conductivity	78	us/cm@25C		FIELD	F
	M025-C-LF1	7/27/2010	LF1	3:36 PM	Temperature	18.2	C		FIELD	F
					Turbidity	0.4	ntu		FIELD	F
					Ammonia	8.6	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	4.93	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.83	ratio		SMAST	C
					Chlorophyll-a	4.11	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	99.4	ug/L		SMAST	C
					Dissolved Organic Nitrogen	259.3	ug/L		SMAST	C
					Nitrates	90.8	ug/L		SMAST	C
					Orthophosphates	3.00	ug/L		SMAST	C
					Particulate Organic Carbon	690	ug/L		SMAST	C
					Particulate Organic Nitrogen	84.9	ug/L		SMAST	C
					Phaeophytin	0.82	mg/L		SMAST	C
					TKN	0.353	mg/L		SMAST	C
					Total Nitrogen	0.444	mg/L		SMAST	C
					Total Phosphorus	19.83	ug/L		SMAST	C
					Total Suspended Solids	3.0	mg/L		SMAST	C
					Winkler Dissolved Oxygen	7.9	mg/L		SMAST	C
	M025-G-LF1	7/27/2010	LF1	7:49 AM	E. coli	30	mpn/100ml		EPA	G
	M025-F-LF1	7/27/2010	LF1	7:50 AM	Conductivity	60	us/cm		FIELD	F
					Field Dissolved Oxygen	6.9	mg/L		FIELD	F
						7.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	81.7	%		FIELD	F
						82.3	%		FIELD	F
					pH	7.4	su		FIELD	F
						7.6	su		FIELD	F
					Specific Conductivity	61	us/cm@25C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01K-PMI	M025-F-LF1	7/27/2010	LF1	7:50 AM	Temperature	23.6	C		FIELD	F
						23.7	C		FIELD	F
				3:36 PM	Total Water Depth	26.2	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	63	us/cm		FIELD	F
					Field Dissolved Oxygen	5.9	mg/L		FIELD	F
						7.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	72.2	%		FIELD	F
						86.5	%		FIELD	F
					pH	6.9	su		FIELD	F
						7.2	su		FIELD	F
					Secchi Depth	6.5	feet		FIELD	F
					Specific Conductivity	63	us/cm@25C		FIELD	F
					Temperature	25.0	C		FIELD	F
						25.3	C		FIELD	F
					Total Water Depth	25.7	feet		FIELD	F
					Turbidity	2.0	ntu		FIELD	F
						2.0	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code			
D/S Eastman Falls 01D-PMI	M026-G-LF2	9/21/2010	LF2	3:00 PM	Ammonia	18.6	ug/L		SMAST	G			
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G			
					CBOD 5	3.0	mg/L	<	EAI	G			
					Chlorophyll-a	3.50	ug/L		EAI	G			
					Dissolved Inorganic Nitrogen	121.2	ug/L		SMAST	G			
					Dissolved Organic Nitrogen	415.3	ug/L		SMAST	G			
					Nitrates	102.7	ug/L		SMAST	G			
					Orthophosphates	4.65	ug/L		SMAST	G			
					Particulate Organic Carbon	488	ug/L		SMAST	G			
					Particulate Organic Nitrogen	63.5	ug/L		SMAST	G			
					TKN	0.497	mg/L		SMAST	G			
					Total Nitrogen	0.600	mg/L		SMAST	G			
					Total Phosphorus	10.76	ug/L		SMAST	G			
					Total Suspended Solids	1.0	mg/L		EAI	G			
					Winkler Dissolved Oxygen	9.4	mg/L		SMAST	G			
	M026-F-LF2	9/21/2010	LF2	3:00 PM	Conductivity	67	us/cm		FIELD	F			
					Field Dissolved Oxygen	10.5	mg/L		FIELD	F			
					Field Dissolved Oxygen Percent	109.6	%		FIELD	F			
					pH	7.2	su		FIELD	F			
					Specific Conductivity	78	us/cm@25C		FIELD	F			
				Temperature	17.2	C		FIELD	F				
				Total Water Depth	3.0	feet		FIELD	F				
				Turbidity	0.3	ntu		FIELD	F				
				3:10 PM	Conductivity	67	us/cm		FIELD	F			
					Field Dissolved Oxygen	10.1	mg/L		FIELD	F			
					Field Dissolved Oxygen Percent	104.7	%		FIELD	F			
					pH	7.1	su		FIELD	F			
					Specific Conductivity	78	us/cm@25C		FIELD	F			
				M026-G-LF1	7/27/2010	LF1	1:15 PM	Temperature	17.3	C		FIELD	F
								Turbidity	0.2	ntu		FIELD	F
	Ammonia	16.4	ug/L						SMAST	G			
	Carbon to Nitrogen Ratio	9	ratio						SMAST	G			
	CBOD 20	(blank)	mg/L					NS	SMAST	G			
	CBOD 5	2.0	mg/L					<	SMAST	G			
	Chl-a + Phaeo.	4.29	mg/L						SMAST	G			
	Chl-a to Chl-a + Phaeo. Ratio	0.70	ratio						SMAST	G			
	Chlorophyll-a	3.01	ug/L						SMAST	G			
	Dissolved Inorganic Nitrogen	111.3	ug/L						SMAST	G			
	Dissolved Organic Nitrogen	308.4	ug/L						SMAST	G			
	Nitrates	94.9	ug/L						SMAST	G			
	Orthophosphates	3.00	ug/L						SMAST	G			
	Particulate Organic Carbon	575	ug/L						SMAST	G			
	Particulate Organic Nitrogen	73.7	ug/L						SMAST	G			
	Phaeophytin	1.27	mg/L		SMAST	G							
	TKN	0.398	mg/L		SMAST	G							
	Total Nitrogen	0.493	mg/L		SMAST	G							
	Total Phosphorus	19.83	ug/L		SMAST	G							
	Total Suspended Solids	2.3	mg/L		SMAST	G							
	Winkler Dissolved Oxygen	8.0	mg/L		SMAST	G							
	M026-F-LF1	7/27/2010	LF1	1:15 PM	Conductivity	61	us/cm		FIELD	F			
					Field Dissolved Oxygen	6.5	mg/L		FIELD	F			
						7.3	mg/L		FIELD	F			
					Field Dissolved Oxygen Percent	76.7	%		FIELD	F			
						86.1	%		FIELD	F			
					pH	7.0	su		FIELD	F			
						7.1	su		FIELD	F			
					Specific Conductivity	62	us/cm@25C		FIELD	F			
						63	us/cm@25C		FIELD	F			
					Temperature	23.9	C		FIELD	F			
					Total Water Depth	2.5	feet		FIELD	F			

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01D-PMI	M026-F-LF1	7/27/2010	LF1	1:15 PM	Turbidity	(blank)	ntu	NS	FIELD	F
	M026-G-HF1	5/17/2012	HF1	9:10 AM	Ammonia	25.7	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	137.0	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	151.7	ug/L	(blank)	SMAST	G
					Nitrates	111.3	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					TKN	0.177	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.3	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.426	mg/L	(blank)	SMAST	G
					Total Phosphorus	10.66	ug/L	(blank)	SMAST	G
					Total Suspended Solids	3.0	mg/L		EAI	G
	M026-F-HF1	5/17/2012	HF1	9:20 AM	Conductivity	(blank)	us/cm		FIELD	F
					Field Dissolved Oxygen	13.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	131.8	%		FIELD	F
					pH	4.7	su		FIELD	F
					Specific Conductivity	44	us/cm@25C		FIELD	F
					Temperature	13.9	C		FIELD	F
					Total Water Depth	3.0	feet		FIELD	F
				9:25 AM	Turbidity	4.7	ntu		FIELD	F
					Conductivity	(blank)	us/cm		FIELD	F
					Field Dissolved Oxygen	12.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	129.0	%		FIELD	F
					pH	5.4	su		FIELD	F
					Specific Conductivity	44	us/cm@25C		FIELD	F
					Temperature	13.8	C		FIELD	F
					Turbidity	5.4	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Chance Pond Brook 01-CPB	T027-G-LF2	9/21/2010	LF2	5:10 PM	Ammonia	34.5	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	12	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.60	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	414.9	ug/L		SMAST	G
					Dissolved Organic Nitrogen	171.7	ug/L		SMAST	G
					Nitrates	380.4	ug/L		SMAST	G
					Orthophosphates	4.65	ug/L		SMAST	G
					Particulate Organic Carbon	461	ug/L		SMAST	G
					Particulate Organic Nitrogen	44.5	ug/L		SMAST	G
					TKN	0.251	mg/L		SMAST	G
					Total Nitrogen	0.631	mg/L		SMAST	G
					Total Phosphorus	11.93	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L		EAI	G
					Winkler Dissolved Oxygen	8.1	mg/L		SMAST	G
	T027-F-LF2	9/21/2010	LF2	5:10 AM	Conductivity	129	us/cm		FIELD	F
					Field Dissolved Oxygen	9.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	90.1	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	136	us/cm@25C		FIELD	F
					Temperature	12.5	C		FIELD	F
					Total Water Depth	1.5	feet		FIELD	F
				5:20 AM	Turbidity	0.5	ntu		FIELD	F
					Conductivity	129	us/cm		FIELD	F
					Field Dissolved Oxygen	9.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	92.3	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	137	us/cm@25C		FIELD	F
					Temperature	12.5	C		FIELD	F
	T027-G-LF1	7/27/2010	LF1	2:35 PM	Turbidity	0.5	ntu		FIELD	F
					Ammonia	16.4	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	2.43	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.41	ratio		SMAST	G
					Chlorophyll-a	0.99	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	97.9	ug/L		SMAST	G
					Dissolved Organic Nitrogen	300.6	ug/L		SMAST	G
					Nitrates	81.5	ug/L		SMAST	G
					Orthophosphates	6.20	ug/L		SMAST	G
					Particulate Organic Carbon	213	ug/L		SMAST	G
					Particulate Organic Nitrogen	27.9	ug/L		SMAST	G
					Phaeophytin	1.44	mg/L		SMAST	G
					TKN	0.345	mg/L		SMAST	G
					Total Nitrogen	0.426	mg/L		SMAST	G
					Total Phosphorus	20.04	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L		SMAST	G
	T027-F-LF1	7/27/2010	LF1	2:35 PM	Winkler Dissolved Oxygen	7.8	mg/L		SMAST	G
					Conductivity	78	us/cm		FIELD	F
					Field Dissolved Oxygen	6.2	mg/L		FIELD	F
						6.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	74.8	%		FIELD	F
						75.3	%		FIELD	F
					pH	7.2	su		FIELD	F
						7.4	su		FIELD	F
					Specific Conductivity	79	us/cm@25C		FIELD	F
					Temperature	24.1	C		FIELD	F
						24.2	C		FIELD	F
					Total Water Depth	1.0	feet		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01-CPB	T027-F-LF1	7/27/2010	LF1	2:35 PM	Turbidity	1.1	ntu		FIELD	F
	T227-D-HF1	5/17/2012	HF1	4:53 PM	TKN	0.155	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.177	mg/L	(blank)	SMAST	G
	T027-G-HF1	5/17/2012	HF1	4:58 PM	Ammonia	28.2	ug/L	J	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	65.0	ug/L	J	SMAST	G
					Dissolved Organic Nitrogen	253.7	ug/L	J	SMAST	G
					Nitrates	36.7	ug/L	J	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	51	us/cm@25C	(blank)	FIELD	F
					TKN	0.282	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.3	mg/L	J	SMAST	G
					Total Nitrogen	0.384	mg/L	(blank)	SMAST	G
					Total Phosphorus	16.39	ug/L	J	SMAST	G
					Total Suspended Solids	4.0	mg/L	J	EAI	G
	T127-B-HF1	5/17/2012	HF1	5:03 PM	TKN	0.090	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.115	mg/L	(blank)	SMAST	G
	T327-R-HF1	5/17/2012	HF1	5:08 PM	TKN	0.290	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.467	mg/L	(blank)	SMAST	G
	T027-F-HF1	5/17/2012	HF1	4:49 PM	Conductivity	44	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	97.3	%		FIELD	F
					pH	6.8	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	17.2	C		FIELD	F
					Total Water Depth	3.6	feet		FIELD	F
					Turbidity	2.0	ntu		FIELD	F
				5:12 PM	Conductivity	44	us/cm		FIELD	F
					Field Dissolved Oxygen	8.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	88.8	%		FIELD	F
					pH	6.9	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	17.1	C		FIELD	F
					Turbidity	2.1	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Winnepesaukee River 01-WIN	T028-G-LF2	9/21/2010	LF2	10:20 AM	Ammonia	10.6	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	10	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	1.10	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	23.0	ug/L		SMAST	G
					Dissolved Organic Nitrogen	378.5	ug/L		SMAST	G
					E. coli	(blank)	mpn/100ml	NS	EPA	G
					Nitrates	12.5	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L	<	SMAST	G
					Particulate Organic Carbon	313	ug/L		SMAST	G
					Particulate Organic Nitrogen	37.4	ug/L		SMAST	G
					TKN	0.427	mg/L		SMAST	G
					Total Nitrogen	0.439	mg/L		SMAST	G
					Total Phosphorus	13.50	ug/L		SMAST	G
					Total Suspended Solids	2.0	mg/L		EAI	G
					Winkler Dissolved Oxygen	9.0	mg/L		SMAST	G
	T028-F-LF2	9/21/2010	LF2	10:20 AM	Conductivity	76	us/cm		FIELD	F
					Field Dissolved Oxygen	11.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	113.2	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	89	us/cm@25C		FIELD	F
					Temperature	16.9	C		FIELD	F
				10:25 AM	Total Water Depth	2.0	feet		FIELD	F
					Turbidity	98.4	ntu		FIELD	F
					Conductivity	39	us/cm		FIELD	F
					Field Dissolved Oxygen	10.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	112.7	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	76	us/cm@25C		FIELD	F
					Temperature	16.9	C		FIELD	F
					Turbidity	99.4	ntu		FIELD	F
	T028-G-LF1	7/27/2010	LF1	5:21 AM	E. coli	80	mpn/100ml	J	EPA	G
					Ammonia	1.0	ug/L	<	SMAST	G
				4:40 PM	Carbon to Nitrogen Ratio	10	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	1.28	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.48	ratio		SMAST	G
					Chlorophyll-a	0.61	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	3.6	ug/L		SMAST	G
					Dissolved Organic Nitrogen	243.7	ug/L		SMAST	G
					Nitrates	2.9	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	347	ug/L		SMAST	G
					Particulate Organic Nitrogen	41.4	ug/L		SMAST	G
					Phaeophytin	0.67	mg/L		SMAST	G
					TKN	0.286	mg/L		SMAST	G
					Total Nitrogen	0.289	mg/L		SMAST	G
					Total Phosphorus	19.40	ug/L		SMAST	G
					Total Suspended Solids	1.5	mg/L		SMAST	G
	T028-F-LF1	7/27/2010	LF1	5:25 AM	Winkler Dissolved Oxygen	7.9	mg/L		SMAST	G
					Conductivity	91	us/cm		FIELD	F
					Field Dissolved Oxygen	8.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	97.3	%		FIELD	F
					pH	8.3	su		FIELD	F
					Specific Conductivity	93	us/cm@25C		FIELD	F
				4:40 PM	Temperature	23.9	C		FIELD	F
					Total Water Depth	3.0	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	94	us/cm		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01-WIN	T028-F-LF1	7/27/2010	LF1	4:40 PM	Field Dissolved Oxygen	8.5	mg/L		FIELD	F
						8.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	103.8	%		FIELD	F
						104.0	%		FIELD	F
					pH	7.5	su		FIELD	F
					Specific Conductivity	92	us/cm@25C		FIELD	F
					Temperature	25.9	C		FIELD	F
					Total Water Depth	1.5	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
	T028-G-HF1	5/17/2012	HF1	3:20 PM	Ammonia	26.4	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	40.3	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	404.4	ug/L	(blank)	SMAST	G
					E. coli	48	mpn/100ml	(blank)	EAI	G
					Nitrates	14.0	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					TKN	0.431	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.485	mg/L	(blank)	SMAST	G
					Total Phosphorus	13.93	ug/L	(blank)	SMAST	G
					Total Suspended Solids	4.0	mg/L		EAI	G
	T028-F-HF1	5/17/2012	HF1	3:20 PM	Conductivity	(blank)	us/cm		FIELD	F
					Field Dissolved Oxygen	9.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	104.2	%		FIELD	F
					pH	6.6	su		FIELD	F
					Specific Conductivity	93	us/cm@25C		FIELD	F
					Temperature	16.5	C		FIELD	F
				3:33 PM	Total Water Depth	6.0	feet		FIELD	F
					Turbidity	7.1	ntu		FIELD	F
					Conductivity	(blank)	us/cm		FIELD	F
					Field Dissolved Oxygen	9.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	104.1	%		FIELD	F
					pH	6.7	su		FIELD	F
					Specific Conductivity	93	us/cm@25C		FIELD	F
					Temperature	16.5	C		FIELD	F
					Turbidity	5.5	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Winnepesaukee WWTF 34-MER	M029-G-LF2	9/21/2010	LF2	11:15 AM	Ammonia	22.2	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	10	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.20	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	112.1	ug/L		SMAST	G
					Dissolved Organic Nitrogen	351.9	ug/L		SMAST	G
					E. coli	21	mpn/100ml		EPA	G
					Nitrates	89.8	ug/L		SMAST	G
					Orthophosphates	4.65	ug/L		SMAST	G
					Particulate Organic Carbon	451	ug/L		SMAST	G
					Particulate Organic Nitrogen	52.0	ug/L		SMAST	G
					TKN	0.426	mg/L		SMAST	G
					Total Nitrogen	0.516	mg/L		SMAST	G
					Total Phosphorus	8.22	ug/L		SMAST	G
					Total Suspended Solids	2.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	6.7	mg/L		SMAST	G
	M029-F-LF2	9/21/2010	LF2	11:05 AM	Conductivity	68	us/cm		FIELD	F
					Field Dissolved Oxygen	11.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	105.8	%		FIELD	F
					pH	7.5	su		FIELD	F
					Specific Conductivity	78	us/cm@25C		FIELD	F
					Temperature	17.7	C		FIELD	F
					Total Water Depth	1.0	feet		FIELD	F
					Turbidity	0.8	ntu		FIELD	F
				11:10 AM	Conductivity	68	us/cm		FIELD	F
					Field Dissolved Oxygen	10.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	114.4	%		FIELD	F
					pH	7.5	su		FIELD	F
					Specific Conductivity	78	us/cm@25C		FIELD	F
					Temperature	17.8	C		FIELD	F
					Turbidity	0.9	ntu		FIELD	F
					M029-G-LF1	7/27/2010	LF1	12:10 PM	E. coli	16
	Ammonia	8.6	ug/L						SMAST	G
	12:12 PM	Carbon to Nitrogen Ratio	9	ratio					SMAST	G
		CBOD 20	(blank)	mg/L				NS	SMAST	G
		CBOD 5	2.0	mg/L				<	SMAST	G
		Chl-a + Phaeo.	2.87	mg/L					SMAST	G
		Chl-a to Chl-a + Phaeo. Ratio	0.65	ratio					SMAST	G
		Chlorophyll-a	1.87	ug/L					SMAST	G
		Dissolved Inorganic Nitrogen	61.0	ug/L					SMAST	G
		Dissolved Organic Nitrogen	296.4	ug/L					SMAST	G
		Nitrates	52.4	ug/L					SMAST	G
		Orthophosphates	3.00	ug/L					SMAST	G
		Particulate Organic Carbon	543	ug/L					SMAST	G
		Particulate Organic Nitrogen	72.3	ug/L					SMAST	G
		Phaeophytin	1.00	mg/L					SMAST	G
		TKN	0.377	mg/L					SMAST	G
	Total Nitrogen	0.430	mg/L		SMAST	G				
	Total Phosphorus	17.24	ug/L		SMAST	G				
	Total Suspended Solids	1.6	mg/L		SMAST	G				
	Winkler Dissolved Oxygen	8.2	mg/L		SMAST	G				
	M029-F-LF1	7/27/2010	LF1	12:12 PM	Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	8.6	mg/L		FIELD	F
						8.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	102.5	%		FIELD	F
						103.4	%		FIELD	F
					pH	7.3	su		FIELD	F
						7.3	su		FIELD	F
					Specific Conductivity	78	us/cm@25C		FIELD	F
					Temperature	24.4	C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
34-MER	M029-F-LF1	7/27/2010	LF1	12:12 PM	Temperature	24.4	C		FIELD	F
					Total Water Depth	3.0	feet		FIELD	F
					Turbidity	0.3	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Winnepesaukee WWTF 1 32-MER	M030-C-LF2	9/21/2010	LF2	8:00 AM	Ammonia	77.0	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 20	3.0	mg/L	<	EAI	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.0	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	178.3	ug/L		SMAST	C
					Dissolved Organic Nitrogen	370.2	ug/L		SMAST	C
					Nitrates	101.3	ug/L		SMAST	C
					Orthophosphates	13.95	ug/L		SMAST	C
					Particulate Organic Carbon	582	ug/L		SMAST	C
	M030-G-LF2	9/21/2010	LF2	8:00 AM	Particulate Organic Nitrogen	72.4	ug/L		SMAST	C
					TKN	0.520	mg/L		SMAST	C
	M030-F-LF2	9/21/2010	LF2	1:45 PM	Total Nitrogen	0.621	mg/L		SMAST	C
					Total Phosphorus	24.95	ug/L		SMAST	C
				2:30 PM	Total Suspended Solids	2.0	mg/L		EAI	C
					Winkler Dissolved Oxygen	9.1	mg/L		SMAST	C
					E. coli	30	mpn/100ml		EPA	G
					E. coli	30	mpn/100ml		EPA	G
					Conductivity	71	us/cm		FIELD	F
					Field Dissolved Oxygen	11.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	119.0	%		FIELD	F
					pH	7.8	su		FIELD	F
				2:35 PM	Specific Conductivity	81	us/cm@25C		FIELD	F
					Temperature	18.5	C		FIELD	F
					Total Water Depth	1.0	feet		FIELD	F
					Turbidity	0.9	ntu		FIELD	F
					Conductivity	71	us/cm		FIELD	F
					Field Dissolved Oxygen	11.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	117.0	%		FIELD	F
					pH	7.7	su		FIELD	F
					Specific Conductivity	81	us/cm@25C		FIELD	F
					Temperature	18.5	C		FIELD	F
	M030-C-LF1	7/27/2010	LF1	8:00 AM	Turbidity	0.9	ntu		FIELD	F
					Conductivity	69	us/cm		FIELD	F
				8:05 AM	Field Dissolved Oxygen	9.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	100.3	%		FIELD	F
					pH	7.5	su		FIELD	F
					Specific Conductivity	82	us/cm@25C		FIELD	F
					Temperature	16.6	C		FIELD	F
					Total Water Depth	4.0	feet		FIELD	F
					Conductivity	69	us/cm		FIELD	F
					Field Dissolved Oxygen	9.6	mg/L		FIELD	F
				3:00 PM	Field Dissolved Oxygen Percent	98.9	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	82	us/cm@25C		FIELD	F
					Temperature	16.6	C		FIELD	F
					Ammonia	548.9	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	8	ratio		SMAST	C
					CBOD 20	2.0	mg/L	<	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	3.73	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.75	ratio		SMAST	C
					Chlorophyll-a	2.81	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	683.3	ug/L		SMAST	C
					Dissolved Organic Nitrogen	277.7	ug/L		SMAST	C
					Nitrates	134.4	ug/L		SMAST	C
					Orthophosphates	46.68	ug/L		SMAST	C
					Particulate Organic Carbon	638	ug/L		SMAST	C
					Particulate Organic Nitrogen	90.2	ug/L		SMAST	C
					Phaeophytin	0.92	mg/L		SMAST	C

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
32-MER	M030-C-LF1	7/27/2010	LF1	3:00 PM	TKN	0.917	mg/L		SMAST	C
					Total Nitrogen	1.051	mg/L		SMAST	C
					Total Phosphorus	72.02	ug/L		SMAST	C
					Total Suspended Solids	2.7	mg/L		SMAST	C
					Winkler Dissolved Oxygen	7.5	mg/L		SMAST	C
	M030-G-LF1	7/27/2010	LF1	6:25 AM	E. coli	73	mpn/100ml		EPA	G
	M030-F-LF1	7/27/2010	LF1	6:20 AM	Conductivity	73	us/cm		FIELD	F
						79	us/cm		FIELD	F
					Field Dissolved Oxygen	7.9	mg/L		FIELD	F
						7.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	92.6	%		FIELD	F
						92.7	%		FIELD	F
					pH	7.3	su		FIELD	F
						7.6	su		FIELD	F
					Specific Conductivity	76	us/cm@25C		FIELD	F
						77	us/cm@25C		FIELD	F
					Temperature	23.2	C		FIELD	F
						23.3	C		FIELD	F
					Total Water Depth	6.0	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	73	us/cm		FIELD	F
					Field Dissolved Oxygen	7.3	mg/L		FIELD	F
						7.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	89.1	%		FIELD	F
						89.5	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	72	us/cm@25C		FIELD	F
						73	us/cm@25C		FIELD	F
					Temperature	25.6	C		FIELD	F
					Total Water Depth	5.5	feet		FIELD	F
					Turbidity	0.3	ntu		FIELD	F
	M030-G-HF1	5/17/2012	HF1	11:26 AM	Ammonia	10.7	ug/L	(blank)	SMAST	G
					CBOD 20	3.0	mg/L	<	EAI	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	101.9	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	159.4	ug/L	(blank)	SMAST	G
					Nitrates	91.1	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					TKN	0.170	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.3	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.363	mg/L	(blank)	SMAST	G
					Total Phosphorus	13.11	ug/L	(blank)	SMAST	G
					Total Suspended Solids	4.0	mg/L		EAI	G
					Winkler Dissolved Oxygen	10.3	mg/L		SMAST	G
					Conductivity	(blank)	us/cm		FIELD	F
	M030-F-HF1	5/17/2012	HF1	11:24 AM	Field Dissolved Oxygen	11.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	119.0	%		FIELD	F
					pH	6.4	su		FIELD	F
					Specific Conductivity	52	us/cm@25C		FIELD	F
					Temperature	14.4	C		FIELD	F
					Total Water Depth	3.5	feet		FIELD	F
					Turbidity	5.8	ntu		FIELD	F
				11:59 AM	Conductivity	(blank)	us/cm		FIELD	F
					Field Dissolved Oxygen	11.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	117.3	%		FIELD	F
					pH	6.1	su		FIELD	F
					Specific Conductivity	52	us/cm@25C		FIELD	F
					Temperature	14.4	C		FIELD	F
					Turbidity	5.6	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Winnepesaukee WWTF 2 31K-MER	M031-G-LF2	9/21/2010	LF2	9:10 AM	Ammonia	167.8	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.30	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	310.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	228.2	ug/L		SMAST	G
					E. coli	21	mpn/100ml		EPA	G
					Nitrates	142.4	ug/L		SMAST	G
					Orthophosphates	33.25	ug/L		SMAST	G
					Particulate Organic Carbon	301	ug/L		SMAST	G
					Particulate Organic Nitrogen	38.4	ug/L		SMAST	G
					TKN	0.434	mg/L		SMAST	G
					Total Nitrogen	0.577	mg/L		SMAST	G
					Total Phosphorus	40.92	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
	M031-F-LF2	9/21/2010	LF2	9:15 AM	Winkler Dissolved Oxygen	8.7	mg/L		SMAST	G
					Conductivity	74	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.3	%		FIELD	F
					pH	7.3	su		FIELD	F
				Specific Conductivity	89	us/cm@25C		FIELD	F	
				Temperature	16.3	C		FIELD	F	
				Total Water Depth	6.0	feet		FIELD	F	
				9:25 AM	Turbidity	0.6	ntu		FIELD	F
					Conductivity	74	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.5	%		FIELD	F
					pH	7.2	su		FIELD	F
				Specific Conductivity	89	us/cm@25C		FIELD	F	
				Temperature	16.4	C		FIELD	F	
	Turbidity	0.7	ntu		FIELD	F				
	M031-G-LF1	7/27/2010	LF1	1:56 PM	Ammonia	148.0	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	7	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	4.17	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.72	ratio		SMAST	G
					Chlorophyll-a	2.99	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	253.5	ug/L		SMAST	G
					Dissolved Organic Nitrogen	225.3	ug/L		SMAST	G
					Nitrates	105.6	ug/L		SMAST	G
					Orthophosphates	12.40	ug/L		SMAST	G
					Particulate Organic Carbon	429	ug/L		SMAST	G
					Particulate Organic Nitrogen	67.8	ug/L		SMAST	G
					Phaeophytin	1.18	mg/L		SMAST	G
					TKN	0.441	mg/L		SMAST	G
	Total Nitrogen	0.547	mg/L		SMAST	G				
	M031-F-LF1	7/27/2010	LF1	1:56 PM	Total Phosphorus	31.98	ug/L		SMAST	G
					Total Suspended Solids	1.8	mg/L		SMAST	G
					Winkler Dissolved Oxygen	8.8	mg/L		SMAST	G
					Conductivity	76	us/cm		FIELD	F
					Field Dissolved Oxygen	7.9	mg/L		FIELD	F
						8.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.2	%		FIELD	F
						103.0	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	76	us/cm@25C		FIELD	F
					Temperature	25.0	C		FIELD	F
						25.2	C		FIELD	F
					Total Water Depth	10.0	feet		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Merrimack County WWTF	31K-MER	7/27/2010	LF1	1:56 PM	Turbidity	(blank)	ntu	NS	FIELD	F
	31A-MER	9/21/2010	LF2	1:10 PM	Ammonia	136.5	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.60	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	297.6	ug/L		SMAST	G
					Dissolved Organic Nitrogen	202.6	ug/L		SMAST	G
					Nitrates	161.1	ug/L		SMAST	G
					Orthophosphates	30.78	ug/L		SMAST	G
					Particulate Organic Carbon	265	ug/L		SMAST	G
					Particulate Organic Nitrogen	33.3	ug/L		SMAST	G
					TKN	0.372	mg/L		SMAST	G
					Total Nitrogen	0.533	mg/L		SMAST	G
					Total Phosphorus	42.23	ug/L		SMAST	G
					Total Suspended Solids	2.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	10.0	mg/L		SMAST	G
	M032-F-LF2	9/21/2010	LF2	1:10 PM	Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	11.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	119.0	%		FIELD	F
					pH	7.7	su		FIELD	F
					Specific Conductivity	89	us/cm@25C		FIELD	F
					Temperature	18.1	C		FIELD	F
					Total Water Depth	4.0	feet		FIELD	F
					Turbidity	0.4	ntu		FIELD	F
				1:20 PM	Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	11.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	118.7	%		FIELD	F
					pH	7.6	su		FIELD	F
					Specific Conductivity	89	us/cm@25C		FIELD	F
					Temperature	18.0	C		FIELD	F
					Turbidity	1.0	ntu		FIELD	F
	M032-G-LF1	7/27/2010	LF1	9:25 AM	Ammonia	140.8	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	5.24	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.61	ratio		SMAST	G
					Chlorophyll-a	3.19	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	256.0	ug/L		SMAST	G
					Dissolved Organic Nitrogen	201.7	ug/L		SMAST	G
					Nitrates	115.2	ug/L		SMAST	G
					Orthophosphates	9.30	ug/L		SMAST	G
					Particulate Organic Carbon	418	ug/L		SMAST	G
					Particulate Organic Nitrogen	58.0	ug/L		SMAST	G
					Phaeophytin	2.04	mg/L		SMAST	G
					TKN	0.400	mg/L		SMAST	G
					Total Nitrogen	0.516	mg/L		SMAST	G
					Total Phosphorus	33.64	ug/L		SMAST	G
					Total Suspended Solids	2.0	mg/L		SMAST	G
					Winkler Dissolved Oxygen	8.2	mg/L		SMAST	G
				9:30 AM	E. coli	53	mpn/100ml	J	EPA	G
	M032-F-LF1	7/27/2010	LF1	9:25 AM	Conductivity	74	us/cm		FIELD	F
					Field Dissolved Oxygen	8.1	mg/L		FIELD	F
						8.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.1	%		FIELD	F
					pH	7.1	su		FIELD	F
						7.1	su		FIELD	F
					Specific Conductivity	77	us/cm@25C		FIELD	F
					Temperature	23.2	C		FIELD	F
						23.2	C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
31A-MER	M032-F-LF1	7/27/2010	LF1	9:25 AM	Total Water Depth	3.5	feet		FIELD	F
					Turbidity	0.4	ntu		FIELD	F
	M032-G-HF1	5/17/2012	HF1	1:48 PM	Ammonia	53.2	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	142.4	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	297.8	ug/L	(blank)	SMAST	G
					Nitrates	89.2	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					TKN	0.351	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.583	mg/L	(blank)	SMAST	G
					Total Phosphorus	15.37	ug/L	(blank)	SMAST	G
	M032-F-HF1	5/17/2012	HF1	1:48 PM	Total Suspended Solids	3.0	mg/L	(blank)	EAI	G
					Field Dissolved Oxygen	12.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	123.4	%		FIELD	F
					pH	6.8	su		FIELD	F
					Specific Conductivity	55	us/cm@25C		FIELD	F
					Temperature	15.0	C		FIELD	F
				2:00 PM	Total Water Depth	8.0	feet		FIELD	F
					Turbidity	5.2	ntu		FIELD	F
					Field Dissolved Oxygen	11.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	113.4	%		FIELD	F
					pH	6.3	su		FIELD	F
					Specific Conductivity	53	us/cm@25C		FIELD	F
					Temperature	14.9	C		FIELD	F
					Turbidity	5.2	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Merrimack County WWTF 1 30X-MER	M033-C-LF2	9/21/2010	LF2	7:15 AM	Ammonia	157.6	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 20	3.0	mg/L	<	EAI	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.20	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	341.4	ug/L		SMAST	C
					Dissolved Organic Nitrogen	263.4	ug/L		SMAST	C
					Nitrates	183.8	ug/L		SMAST	C
					Orthophosphates	30.78	ug/L		SMAST	C
					Particulate Organic Carbon	339	ug/L		SMAST	C
					Particulate Organic Nitrogen	42.2	ug/L		SMAST	C
					TKN	0.463	mg/L		SMAST	C
					Total Nitrogen	0.647	mg/L		SMAST	C
					Total Phosphorus	38.29	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L	<	EAI	C
	M033-G-LF2	9/21/2010	LF2	7:15 AM	Winkler Dissolved Oxygen	8.4	mg/L		SMAST	C
	M033-F-LF2	9/21/2010	LF2	2:00 PM	E. coli	30	mpn/100ml		EPA	G
					Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	11.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	115.8	%		FIELD	F
					pH	7.6	su		FIELD	F
					Specific Conductivity	90	us/cm@25C		FIELD	F
					Temperature	17.5	C		FIELD	F
					Total Water Depth	9.0	feet		FIELD	F
					Turbidity	1.0	ntu		FIELD	F
				2:10 PM	Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	11.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	114.6	%		FIELD	F
					pH	7.5	su		FIELD	F
					Specific Conductivity	89	us/cm@25C		FIELD	F
					Temperature	17.5	C		FIELD	F
					Turbidity	1.0	ntu		FIELD	F
				7:15 AM	Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	8.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	87.5	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	91	us/cm@25C		FIELD	F
					Temperature	16.6	C		FIELD	F
					Total Water Depth	9.0	feet		FIELD	F
				7:20 AM	Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	8.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	90.8	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	91	us/cm@25C		FIELD	F
					Temperature	16.5	C		FIELD	F
	M033-C-LF1	7/27/2010	LF1	5:35 PM	Ammonia	122.5	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	11	ratio		SMAST	C
					CBOD 20	4.0	mg/L		SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	3.47	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.69	ratio		SMAST	C
					Chlorophyll-a	2.41	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	240.3	ug/L		SMAST	C
					Dissolved Organic Nitrogen	399.3	ug/L		SMAST	C
					Nitrates	117.7	ug/L		SMAST	C
					Orthophosphates	9.30	ug/L		SMAST	C
					Particulate Organic Carbon	634	ug/L		SMAST	C
					Particulate Organic Nitrogen	70.0	ug/L		SMAST	C
					Phaeophytin	1.06	mg/L		SMAST	C
					TKN	0.592	mg/L		SMAST	C

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
30X-MER	M033-C-LF1	7/27/2010	LF1	5:35 PM	Total Nitrogen	0.710	mg/L		SMAST	C
					Total Phosphorus	37.90	ug/L		SMAST	C
					Total Suspended Solids	2.4	mg/L		SMAST	C
					Winkler Dissolved Oxygen	8.7	mg/L		SMAST	C
	M033-G-LF1	7/27/2010	LF1	7:30 AM	E. coli	68	mpn/100ml		EPA	G
	M033-F-LF1	7/27/2010	LF1	7:30 AM	Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	7.6	mg/L		FIELD	F
						7.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	88.4	%		FIELD	F
						88.6	%		FIELD	F
					pH	7.1	su		FIELD	F
						7.2	su		FIELD	F
					Specific Conductivity	80	us/cm@25C		FIELD	F
					Temperature	22.9	C		FIELD	F
						22.9	C		FIELD	F
					Total Water Depth	9.0	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	9.2	mg/L		FIELD	F
						9.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	112.7	%		FIELD	F
						112.8	%		FIELD	F
					pH	7.6	su		FIELD	F
						7.6	su		FIELD	F
					Specific Conductivity	76	us/cm@25C		FIELD	F
					Temperature	25.5	C		FIELD	F
						25.5	C		FIELD	F
					Total Water Depth	8.0	feet		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
	M033-G-HF1	5/17/2012	HF1	2:06 PM	Ammonia	51.3	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	141.7	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	190.7	ug/L	(blank)	SMAST	G
					Nitrates	90.4	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					TKN	0.242	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.3	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.474	mg/L	(blank)	SMAST	G
					Total Phosphorus	15.57	ug/L	(blank)	SMAST	G
					Total Suspended Solids	4.0	mg/L	(blank)	EAI	G
	M033-F-HF1	5/17/2012	HF1	2:08 PM	Field Dissolved Oxygen	10.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	107.8	%		FIELD	F
					pH	6.3	su		FIELD	F
					Specific Conductivity	54	us/cm@25C		FIELD	F
					Temperature	14.9	C		FIELD	F
					Total Water Depth	8.0	feet		FIELD	F
					Turbidity	4.8	ntu		FIELD	F
				2:17 PM	Field Dissolved Oxygen	11.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	118.1	%		FIELD	F
					pH	6.4	su		FIELD	F
					Specific Conductivity	53	us/cm@25C		FIELD	F
					Temperature	15.0	C		FIELD	F
					Turbidity	5.1	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Merrimack County WWTF 2 30J-MER	M034-C-LF2	9/21/2010	LF2	6:45 AM	Ammonia	179.7	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	10	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.20	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	362.2	ug/L		SMAST	C
					Dissolved Organic Nitrogen	270.7	ug/L		SMAST	C
					Nitrates	182.5	ug/L		SMAST	C
					Orthophosphates	34.90	ug/L		SMAST	C
					Particulate Organic Carbon	462	ug/L		SMAST	C
					Particulate Organic Nitrogen	51.8	ug/L		SMAST	C
	M034-G-LF2	9/21/2010	LF2	6:30 AM	TKN	0.502	mg/L		SMAST	C
					Total Nitrogen	0.685	mg/L		SMAST	C
					Total Phosphorus	44.86	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L	<	EAI	C
					Winkler Dissolved Oxygen	8.3	mg/L		SMAST	C
	M034-F-LF2	9/21/2010	LF2	6:30 AM	E. coli	34	mpn/100ml	J	EPA	G
					Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	8.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	89.1	%		FIELD	F
					pH	8.5	su		FIELD	F
					Specific Conductivity	92	us/cm@25C		FIELD	F
					Temperature	16.6	C		FIELD	F
					Total Water Depth	2.5	feet		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
				6:45 AM	Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	8.6	mg/L		FIELD	F
						8.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	88.4	%		FIELD	F
						89.1	%		FIELD	F
					pH	7.5	su		FIELD	F
						8.5	su		FIELD	F
					Specific Conductivity	91	us/cm@25C		FIELD	F
					Temperature	16.5	C		FIELD	F
				7:00 AM		16.6	C		FIELD	F
					Total Water Depth	2.5	feet		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
					Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	8.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	88.4	%		FIELD	F
					pH	7.5	su		FIELD	F
					Specific Conductivity	91	us/cm@25C		FIELD	F
					Temperature	16.5	C		FIELD	F
	M034-C-LF1	7/27/2010	LF1	8:20 AM	Ammonia	171.8	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	4.81	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.62	ratio		SMAST	C
					Chlorophyll-a	3.00	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	300.8	ug/L		SMAST	C
					Dissolved Organic Nitrogen	241.5	ug/L		SMAST	C
					Nitrates	129.1	ug/L		SMAST	C
					Orthophosphates	10.85	ug/L		SMAST	C
					Particulate Organic Carbon	512	ug/L		SMAST	C
					Particulate Organic Nitrogen	66.3	ug/L		SMAST	C
					Phaeophytin	1.80	mg/L		SMAST	C
					TKN	0.480	mg/L		SMAST	C
					Total Nitrogen	0.609	mg/L		SMAST	C
					Total Phosphorus	33.17	ug/L		SMAST	C
					Total Suspended Solids	2.0	mg/L		SMAST	C

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
30J-MER	M034-C-LF1	7/27/2010	LF1	8:20 AM	Winkler Dissolved Oxygen	5.8	mg/L		SMART	C
	M034-G-LF1	7/27/2010	LF1	8:00 AM	E. coli	64	mpn/100ml		EPA	G
	M034-F-LF1	7/27/2010	LF1	8:20 AM	Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	7.7	mg/L		FIELD	F
						7.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	89.3	%		FIELD	F
						90.2	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	80	us/cm@25C		FIELD	F
					Temperature	22.9	C		FIELD	F
						22.9	C		FIELD	F
					Total Water Depth	5.0	feet		FIELD	F
					Turbidity	0.4	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Contoocook River 01G-CTC	T035-G-LF2	9/21/2010	LF2	1:09 PM	Ammonia	14.3	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	1.30	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	61.6	ug/L		SMAST	G
					Dissolved Organic Nitrogen	281.3	ug/L		SMAST	G
					E. coli	34	mpn/100ml		EPA	G
					Nitrates	47.3	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L	<	SMAST	G
					Particulate Organic Carbon	210	ug/L		SMAST	G
					Particulate Organic Nitrogen	27.5	ug/L		SMAST	G
					TKN	0.323	mg/L		SMAST	G
					Total Nitrogen	0.370	mg/L		SMAST	G
					Total Phosphorus	10.37	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	NS	mg/L	NS	SMAST	G
	T035-F-LF2	9/21/2010	LF2	1:09 PM	Conductivity	97	us/cm		FIELD	F
					Field Dissolved Oxygen	9.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	104.1	%		FIELD	F
					pH	7.8	su		FIELD	F
					Specific Conductivity	112	us/cm@25C		FIELD	F
					Temperature	18.2	C		FIELD	F
					Total Water Depth	4.8	feet		FIELD	F
				1:20 PM	Conductivity	97	us/cm		FIELD	F
					Field Dissolved Oxygen	9.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	101.4	%		FIELD	F
					pH	7.7	su		FIELD	F
					Specific Conductivity	112	us/cm@25C		FIELD	F
					Temperature	18.1	C		FIELD	F
					Turbidity	0.3	ntu		FIELD	F
	T035-G-LF1	7/27/2010	LF1	7:10 AM 3:42 PM	E. coli	39	mpn/100ml		EPA	G
					Ammonia	22.8	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	7	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	2.72	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.54	ratio		SMAST	G
					Chlorophyll-a	1.47	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	77.8	ug/L		SMAST	G
					Dissolved Organic Nitrogen	489.8	ug/L		SMAST	G
					Nitrates	55.0	ug/L		SMAST	G
					Orthophosphates	4.65	ug/L		SMAST	G
					Particulate Organic Carbon	251	ug/L		SMAST	G
					Particulate Organic Nitrogen	39.9	ug/L		SMAST	G
					Phaeophytin	1.25	mg/L		SMAST	G
					TKN	0.553	mg/L		SMAST	G
					Total Nitrogen	0.608	mg/L		SMAST	G
					Total Phosphorus	19.40	ug/L		SMAST	G
					Total Suspended Solids	0.8	mg/L		SMAST	G
T035-F-LF1	T035-F-LF1	7/27/2010	LF1	6:50 AM	Winkler Dissolved Oxygen	7.8	mg/L		SMAST	G
					Conductivity	(blank)	us/cm	NS	FIELD	F
					Field Dissolved Oxygen	7.5	mg/L		FIELD	F
						7.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	91.2	%		FIELD	F
						91.6	%		FIELD	F
					pH	7.4	su		FIELD	F
						7.4	su		FIELD	F
					Secchi Depth	6.3	feet		FIELD	F
					Specific Conductivity	102	us/cm@25C		FIELD	F
						102	us/cm@25C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01G-CTC	T035-F-LF1	7/27/2010	LF1	6:50 AM	Temperature	23.9	C		FIELD	F
						24.0	C		FIELD	F
					Total Water Depth	6.0	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	112	us/cm		FIELD	F
						117	us/cm		FIELD	F
					Field Dissolved Oxygen	6.4	mg/L		FIELD	F
						6.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	79.7	%		FIELD	F
						81.6	%		FIELD	F
					pH	5.3	su		FIELD	F
						5.8	su		FIELD	F
					Secchi Depth	5.1	feet		FIELD	F
					Specific Conductivity	111	us/cm@25C		FIELD	F
						112	us/cm@25C		FIELD	F
					Temperature	25.6	C		FIELD	F
						25.7	C		FIELD	F
					Total Water Depth	6.0	feet		FIELD	F
					Turbidity	0.4	ntu		FIELD	F
						0.8	ntu		FIELD	F
	T035-G-HF1	5/17/2012	HF1	8:40 AM	Ammonia	27.0	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	86.2	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	288.5	ug/L	(blank)	SMAST	G
					Nitrates	59.2	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	63	us/cm@25C	(blank)	FIELD	F
					TKN	0.315	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.461	mg/L	(blank)	SMAST	G
					Total Phosphorus	19.67	ug/L	(blank)	SMAST	G
					Total Suspended Solids	2.0	mg/L	(blank)	EAI	G
	T035-F-HF1	5/17/2012	HF1	8:31 AM	Conductivity	53	us/cm		FIELD	F
					Field Dissolved Oxygen	11.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	116.7	%		FIELD	F
					pH	5.9	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	15.8	C		FIELD	F
					Total Water Depth	9.9	feet		FIELD	F
				8:35 AM	Turbidity	3.7	ntu	(blank)	FIELD	(blank)
					Conductivity	53	us/cm		FIELD	F
					Field Dissolved Oxygen	10.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	103.9	%		FIELD	F
					pH	6.7	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	15.9	C		FIELD	F
					Turbidity	2.6	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Penacook WWTF 28A-MER	M036-C-LF2	9/21/2010	LF2	1:24 PM	Ammonia	17.9	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.40	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	168.3	ug/L		SMAST	C
					Dissolved Organic Nitrogen	327.8	ug/L		SMAST	C
					Nitrates	150.4	ug/L		SMAST	C
					Orthophosphates	3.10	ug/L		SMAST	C
					Particulate Organic Carbon	538	ug/L		SMAST	C
					Particulate Organic Nitrogen	73.2	ug/L		SMAST	C
					TKN	0.419	mg/L		SMAST	C
					Total Nitrogen	0.569	mg/L		SMAST	C
					Total Phosphorus	17.02	ug/L		SMAST	C
					Total Suspended Solids	2.0	mg/L	<	EAI	C
	M036-F-LF2	9/21/2010	LF2	1:24 PM	Winkler Dissolved Oxygen	9.1	mg/L		SMAST	C
					Conductivity	75	us/cm		FIELD	F
					Field Dissolved Oxygen	9.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	99.4	%		FIELD	F
					pH	7.8	su		FIELD	F
					Specific Conductivity	87	us/cm@25C		FIELD	F
					Temperature	17.4	C		FIELD	F
					Total Water Depth	7.5	feet		FIELD	F
				1:35 PM	Conductivity	75	us/cm		FIELD	F
					Field Dissolved Oxygen	9.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	100.0	%		FIELD	F
					pH	7.6	su		FIELD	F
					Specific Conductivity	88	us/cm@25C		FIELD	F
					Temperature	17.4	C		FIELD	F
	M036-C-LF1	7/27/2010	LF1	2:10 PM	Ammonia	81.5	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	8	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	4.90	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.72	ratio		SMAST	C
					Chlorophyll-a	3.55	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	224.6	ug/L		SMAST	C
					Dissolved Organic Nitrogen	419.2	ug/L		SMAST	C
					Nitrates	143.2	ug/L		SMAST	C
					Orthophosphates	3.00	ug/L		SMAST	C
					Particulate Organic Carbon	663	ug/L		SMAST	C
					Particulate Organic Nitrogen	101.4	ug/L		SMAST	C
					Phaeophytin	1.35	mg/L		SMAST	C
	M036-F-LF1	7/27/2010	LF1	2:10 PM	TKN	0.602	mg/L		SMAST	C
					Total Nitrogen	0.745	mg/L		SMAST	C
					Total Phosphorus	32.08	ug/L		SMAST	C
					Total Suspended Solids	2.9	mg/L		SMAST	C
					Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	C
					Conductivity	89	us/cm		FIELD	F
						90	us/cm		FIELD	F
					Field Dissolved Oxygen	6.5	mg/L		FIELD	F
						6.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	79.2	%		FIELD	F
						83.8	%		FIELD	F
					pH	5.3	su		FIELD	F
						5.7	su		FIELD	F
					Secchi Depth	7.0	feet		FIELD	F
					Specific Conductivity	89	us/cm@25C		FIELD	F
						90	us/cm@25C		FIELD	F
					Temperature	25.0	C		FIELD	F
						25.1	C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
28A-MER	M036-F-LF1	7/27/2010	LF1	2:10 PM	Total Water Depth	7.0	feet		FIELD	F
					Turbidity	1.2	ntu		FIELD	F
						1.6	ntu		FIELD	F
	M236-D-HF1	5/17/2012	HF1	9:25 AM	TKN	0.283	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.519	mg/L	(blank)	SMAST	G
	M136-B-HF1	5/17/2012	HF1	10:34 AM	TKN	0.172	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.214	mg/L	(blank)	SMAST	G
	M336-R-HF1	5/17/2012	HF1	10:55 AM	TKN	0.947	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.981	mg/L	(blank)	SMAST	G
	M036-G-HF1	5/17/2012	HF1	9:15 AM	Ammonia	73.9	ug/L	J	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	177.5	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	249.5	ug/L	(blank)	SMAST	G
					Nitrates	103.7	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	(blank)	SMAST	G
					Specific Conductivity	63	us/cm@25C	(blank)	FIELD	F
					TKN	0.323	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.604	mg/L	(blank)	SMAST	G
					Total Phosphorus	12.70	ug/L	J	SMAST	G
					Total Suspended Solids	5.0	mg/L	(blank)	EAI	G
					Conductivity	52	us/cm		FIELD	F
					Field Dissolved Oxygen	11.0	mg/L		FIELD	F
	M036-F-HF1	5/17/2012	HF1	9:15 AM	Field Dissolved Oxygen Percent	111.5	%		FIELD	F
					pH	6.7	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.0	C		FIELD	F
					Total Water Depth	11.0	feet		FIELD	F
					Conductivity	52	us/cm		FIELD	F
					Field Dissolved Oxygen	11.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	110.8	%		FIELD	F
					pH	6.7	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.2	C		FIELD	F
				9:25 AM	Total Water Depth	11.0	feet		FIELD	F
					Conductivity	52	us/cm		FIELD	F
					Field Dissolved Oxygen	11.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	110.8	%		FIELD	F
					pH	6.7	su		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code	
D/S Penacook WWTF 1 27X-MER	M037-C-LF2	9/21/2010	LF2	7:04 AM	Ammonia	39.4	ug/L		SMAST	C	
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C	
					CBOD 5	3.0	mg/L	<	EAI	C	
					Chlorophyll-a	2.70	ug/L		EAI	C	
					Dissolved Inorganic Nitrogen	213.9	ug/L		SMAST	C	
					Dissolved Organic Nitrogen	370.8	ug/L		SMAST	C	
					Nitrates	174.5	ug/L		SMAST	C	
					Orthophosphates	6.98	ug/L		SMAST	C	
					Particulate Organic Carbon	433	ug/L		SMAST	C	
					Particulate Organic Nitrogen	59.3	ug/L		SMAST	C	
					TKN	0.470	mg/L		SMAST	C	
					Total Nitrogen	0.644	mg/L		SMAST	C	
					Total Phosphorus	22.76	ug/L		SMAST	C	
					Total Suspended Solids	2.0	mg/L	<	EAI	C	
					Winkler Dissolved Oxygen	8.5	mg/L		SMAST	C	
	M037-G-LF2	9/21/2010	LF2	7:30 AM	E. coli	34	mpn/100ml		EPA	G	
		M037-F-LF2	9/21/2010	LF2	1:55 AM	Conductivity	75	us/cm		FIELD	F
	Field Dissolved Oxygen					9.6	mg/L		FIELD	F	
	Field Dissolved Oxygen Percent					100.6	%		FIELD	F	
	pH				7.8	su		FIELD	F		
	Specific Conductivity				88	us/cm@25C		FIELD	F		
	Temperature				17.5	C		FIELD	F		
	Total Water Depth				2.3	feet		FIELD	F		
	Turbidity				0.1	ntu		FIELD	F		
	1:57 AM				Conductivity	75	us/cm		FIELD	F	
					Field Dissolved Oxygen	9.6	mg/L		FIELD	F	
					Field Dissolved Oxygen Percent	100.8	%		FIELD	F	
					pH	7.6	su		FIELD	F	
					Specific Conductivity	88	us/cm@25C		FIELD	F	
					Temperature	17.5	C		FIELD	F	
					Turbidity	3.8	ntu		FIELD	F	
					7:04 AM	Conductivity	75	us/cm		FIELD	F
						Field Dissolved Oxygen	8.8	mg/L		FIELD	F
						Field Dissolved Oxygen Percent	90.3	%		FIELD	F
						pH	8.5	su		FIELD	F
	Specific Conductivity					89	us/cm@25C		FIELD	F	
	7:30 AM				Temperature	16.4	C		FIELD	F	
					Total Water Depth	2.6	feet		FIELD	F	
					Conductivity	74	us/cm		FIELD	F	
					Field Dissolved Oxygen	8.8	mg/L		FIELD	F	
					Field Dissolved Oxygen Percent	90.0	%		FIELD	F	
					pH	7.4	su		FIELD	F	
					Specific Conductivity	89	us/cm@25C		FIELD	F	
	M037-C-LF1	7/27/2010	LF1	3:17 PM	Temperature	16.4	C		FIELD	F	
					Ammonia	72.8	ug/L		SMAST	C	
					Carbon to Nitrogen Ratio	7	ratio		SMAST	C	
					CBOD 20	(blank)	mg/L	NS	SMAST	C	
					CBOD 5	2.0	mg/L	<	SMAST	C	
					Chl-a + Phaeo.	4.71	mg/L		SMAST	C	
					Chl-a to Chl-a + Phaeo. Ratio	0.78	ratio		SMAST	C	
					Chlorophyll-a	3.69	ug/L		SMAST	C	
					Dissolved Inorganic Nitrogen	212.7	ug/L		SMAST	C	
					Dissolved Organic Nitrogen	380.4	ug/L		SMAST	C	
					Nitrates	139.9	ug/L		SMAST	C	
					Orthophosphates	4.65	ug/L		SMAST	C	
					Particulate Organic Carbon	647	ug/L		SMAST	C	
					Particulate Organic Nitrogen	104.4	ug/L		SMAST	C	
					Phaeophytin	1.01	mg/L		SMAST	C	
					TKN	0.558	mg/L		SMAST	C	
					Total Nitrogen	0.697	mg/L		SMAST	C	

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
27X-MER	M037-C-LF1	7/27/2010	LF1	3:17 PM	Total Phosphorus	20.26	ug/L		SMAST	C
					Total Suspended Solids	2.4	mg/L		SMAST	C
					Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	C
	M037-G-LF1	7/27/2010	LF1	6:40 AM	E. coli	54	mpn/100ml		EPA	G
	M037-F-LF1	7/27/2010	LF1	6:25 AM	Conductivity	(blank)	us/cm	NS	FIELD	F
					Field Dissolved Oxygen	7.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	88.0	%		FIELD	F
					pH	6.9	su		FIELD	F
					Secchi Depth	7.5	feet		FIELD	F
					Specific Conductivity	81	us/cm@25C		FIELD	F
					Temperature	23.5	C		FIELD	F
					Total Water Depth	7.0	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	90	us/cm		FIELD	F
					Field Dissolved Oxygen	7.1	mg/L		FIELD	F
						7.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	87.1	%		FIELD	F
						87.2	%		FIELD	F
					pH	5.3	su		FIELD	F
						5.3	su		FIELD	F
					Secchi Depth	5.0	feet		FIELD	F
					Specific Conductivity	89	us/cm@25C		FIELD	F
					Temperature	25.3	C		FIELD	F
						25.4	C		FIELD	F
					Total Water Depth	5.0	feet		FIELD	F
					Turbidity	1.4	ntu		FIELD	F
						1.6	ntu		FIELD	F
	M037-G-HF1	5/17/2012	HF1	9:55 AM	Ammonia	47.0	ug/L	(blank)	SMAST	G
					CBOD 20	3.0	mg/L	<	EAI	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	145.4	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	185.0	ug/L	(blank)	SMAST	G
					Nitrates	98.5	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	(blank)	SMAST	G
					Specific Conductivity	65	us/cm@25C	(blank)	FIELD	F
					TKN	0.232	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.3	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.476	mg/L	(blank)	SMAST	G
					Total Phosphorus	10.45	ug/L	(blank)	SMAST	G
					Total Suspended Solids	5.0	mg/L	(blank)	EAI	G
	M037-F-HF1	5/17/2012	HF1	9:55 AM	Conductivity	53	us/cm		FIELD	F
					Field Dissolved Oxygen	10.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	106.0	%		FIELD	F
					pH	6.7	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.0	C		FIELD	F
					Total Water Depth	7.6	feet		FIELD	F
					Turbidity	5.4	ntu		FIELD	F
				10:00 AM	Conductivity	53	us/cm		FIELD	F
					Field Dissolved Oxygen	11.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	110.9	%		FIELD	F
					pH	6.7	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.1	C		FIELD	F
					Turbidity	6.2	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Penacook WWTF 2 27-MER	M038-G-LF2	9/21/2010	LF2	12:10 PM	Ammonia	19.2	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.90	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	185.6	ug/L		SMAST	G
					Dissolved Organic Nitrogen	230.1	ug/L		SMAST	G
					E. coli	8	mpn/100ml		EPA	G
					Nitrates	166.4	ug/L		SMAST	G
					Orthophosphates	6.20	ug/L		SMAST	G
					Particulate Organic Carbon	344	ug/L		SMAST	G
					Particulate Organic Nitrogen	47.1	ug/L		SMAST	G
					TKN	0.296	mg/L		SMAST	G
					Total Nitrogen	0.463	mg/L		SMAST	G
					Total Phosphorus	22.32	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	8.7	mg/L		SMAST	G
	M038-F-LF2	9/21/2010	LF2	12:10 PM	Conductivity	79	us/cm		FIELD	F
					Field Dissolved Oxygen	11.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	123.3	%		FIELD	F
					pH	7.6	su		FIELD	F
					Specific Conductivity	93	us/cm@25C		FIELD	F
					Temperature	17.3	C		FIELD	F
					Total Water Depth	13.0	feet		FIELD	F
					Turbidity	0.7	ntu		FIELD	F
				12:20 PM	Conductivity	79	us/cm		FIELD	F
					Field Dissolved Oxygen	10.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	110.4	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	93	us/cm@25C		FIELD	F
					Temperature	17.3	C		FIELD	F
	M038-G-LF1	7/27/2010	LF1	10:45 AM	Turbidity	0.7	ntu		FIELD	F
					E. coli	68	mpn/100ml		EPA	G
				10:46 AM	Ammonia	20.2	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	6.23	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.75	ratio		SMAST	G
					Chlorophyll-a	4.69	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	147.0	ug/L		SMAST	G
					Dissolved Organic Nitrogen	235.4	ug/L		SMAST	G
					Nitrates	126.7	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	471	ug/L		SMAST	G
					Particulate Organic Nitrogen	63.6	ug/L		SMAST	G
					Phaeophytin	1.54	mg/L		SMAST	G
					TKN	0.319	mg/L		SMAST	G
					Total Nitrogen	0.446	mg/L		SMAST	G
					Total Phosphorus	19.40	ug/L		SMAST	G
					Total Suspended Solids	1.9	mg/L		SMAST	G
D/S Penacook WWTF 2 27-MER	M038-F-LF1	7/27/2010	LF1	10:46 AM	Winkler Dissolved Oxygen	7.8	mg/L		SMAST	G
					Conductivity	80	us/cm		FIELD	F
					Field Dissolved Oxygen	8.5	mg/L		FIELD	F
						8.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	101.5	%		FIELD	F
						102.4	%		FIELD	F
					pH	7.2	su		FIELD	F
					Secchi Depth	9.5	feet		FIELD	F
					Specific Conductivity	82	us/cm@25C		FIELD	F
					Temperature	23.8	C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
27-MER	M038-F-LF1	7/27/2010	LF1	10:46 AM	Temperature	23.9	C		FIELD	F
					Total Water Depth	11.5	feet		FIELD	F
					Turbidity	0.3	ntu		FIELD	F
						0.4	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code			
U/S Concord 26-MER	M039-G-LF2	9/21/2010	LF2	12:10 PM	Ammonia	10.0	ug/L		SMAST	G			
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G			
					CBOD 5	3.0	mg/L	<	EAI	G			
					Chlorophyll-a	2.50	ug/L		EAI	G			
					Dissolved Inorganic Nitrogen	152.4	ug/L		SMAST	G			
					Dissolved Organic Nitrogen	243.2	ug/L		SMAST	G			
					Nitrates	142.4	ug/L		SMAST	G			
					Orthophosphates	3.10	ug/L		SMAST	G			
					Particulate Organic Carbon	319	ug/L		SMAST	G			
					Particulate Organic Nitrogen	46.1	ug/L		SMAST	G			
					TKN	0.299	mg/L		SMAST	G			
					Total Nitrogen	0.442	mg/L		SMAST	G			
					Total Phosphorus	14.87	ug/L		SMAST	G			
					Total Suspended Solids	2.0	mg/L	<	EAI	G			
	Winkler Dissolved Oxygen	9.0	mg/L		SMAST	G							
	M039-F-LF2	9/21/2010	LF2	12:12 PM	E. coli	34	mpn/100ml		EPA	G			
				12:00 PM	Conductivity	76	us/cm		FIELD	F			
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F			
				Field Dissolved Oxygen Percent	98.0	%		FIELD	F				
				pH	7.6	su		FIELD	F				
				Specific Conductivity	89	us/cm@25C		FIELD	F				
				Temperature	17.6	C		FIELD	F				
				Total Water Depth	3.3	feet		FIELD	F				
				12:19 PM	Turbidity	0.0	ntu		FIELD	F			
					Conductivity	76	us/cm		FIELD	F			
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F			
					Field Dissolved Oxygen Percent	95.5	%		FIELD	F			
				M039-G-LF1	7/27/2010	LF1	11:00 AM	pH	7.2	su		FIELD	F
								Specific Conductivity	89	us/cm@25C		FIELD	F
								Temperature	17.6	C		FIELD	F
								Turbidity	0.0	ntu		FIELD	F
	Ammonia	31.9	ug/L						SMAST	G			
	Carbon to Nitrogen Ratio	9	ratio						SMAST	G			
	CBOD 20	(blank)	mg/L					NS	SMAST	G			
	CBOD 5	2.0	mg/L					<	SMAST	G			
	Chl-a + Phaeo.	7.48	mg/L						SMAST	G			
	Chl-a to Chl-a + Phaeo. Ratio	0.76	ratio						SMAST	G			
	Chlorophyll-a	5.71	ug/L						SMAST	G			
	Dissolved Inorganic Nitrogen	158.8	ug/L						SMAST	G			
	Dissolved Organic Nitrogen	643.5	ug/L						SMAST	G			
	Nitrates	127.0	ug/L						SMAST	G			
	Orthophosphates	4.65	ug/L						SMAST	G			
	Particulate Organic Carbon	741	ug/L						SMAST	G			
	Particulate Organic Nitrogen	99.5	ug/L		SMAST	G							
	Phaeophytin	1.77	mg/L		SMAST	G							
	TKN	0.775	mg/L		SMAST	G							
	Total Nitrogen	0.902	mg/L		SMAST	G							
	Total Phosphorus	25.82	ug/L		SMAST	G							
	Total Suspended Solids	2.6	mg/L		SMAST	G							
	Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	G							
	M039-F-LF1	7/27/2010	LF1	11:23 AM	E. coli	80	mpn/100ml		EPA	G			
				11:00 AM	Conductivity	91	us/cm		FIELD	F			
						93	us/cm		FIELD	F			
				Field Dissolved Oxygen	7.4	mg/L		FIELD	F				
					7.5	mg/L		FIELD	F				
				Field Dissolved Oxygen Percent	84.4	%		FIELD	F				
					89.4	%		FIELD	F				
				pH	5.3	su		FIELD	F				
					5.6	su		FIELD	F				
				Secchi Depth	5.0	feet		FIELD	F				

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
26-MER	M039-F-LF1	7/27/2010	LF1	11:00 AM	Specific Conductivity	81	us/cm@25C		FIELD	F
						84	us/cm@25C		FIELD	F
					Temperature	23.9	C		FIELD	F
						23.9	C		FIELD	F
					Total Water Depth	8.0	feet		FIELD	F
	M039-G-HF1	5/17/2012	HF1	11:55 AM	Turbidity	2.3	ntu		FIELD	F
						2.5	ntu		FIELD	F
					Ammonia	48.2	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	141.5	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	294.4	ug/L	(blank)	SMAST	G
					Nitrates	93.3	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	(blank)	SMAST	G
					Specific Conductivity	63	us/cm@25C	(blank)	FIELD	F
					TKN	0.343	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.577	mg/L	(blank)	SMAST	G
					Total Phosphorus	11.88	ug/L	(blank)	SMAST	G
					Total Suspended Solids	6.0	mg/L	(blank)	EAI	G
	M039-F-HF1	5/17/2012	HF1	11:45 AM	Conductivity	52	us/cm		FIELD	F
					Field Dissolved Oxygen	10.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	110.1	%		FIELD	F
					pH	6.7	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.8	C		FIELD	F
					Total Water Depth	11.5	feet		FIELD	F
				11:55 AM	Turbidity	5.4	ntu		FIELD	F
					Conductivity	52	us/cm		FIELD	F
					Field Dissolved Oxygen	11.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	112.1	%		FIELD	F
					pH	6.2	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.8	C		FIELD	F
					Turbidity	5.6	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Hall Street WWTF 22X-MER	M040-C-LF2	9/21/2010	LF2	11:45 AM	Ammonia	24.1	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.60	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	174.5	ug/L		SMAST	C
					Dissolved Organic Nitrogen	454.5	ug/L		SMAST	C
					Nitrates	150.4	ug/L		SMAST	C
					Orthophosphates	4.65	ug/L		SMAST	C
					Particulate Organic Carbon	405	ug/L		SMAST	C
					Particulate Organic Nitrogen	51.1	ug/L		SMAST	C
					TKN	0.530	mg/L		SMAST	C
					Total Nitrogen	0.680	mg/L		SMAST	C
					Total Phosphorus	22.76	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L	<	EAI	C
	M040-G-LF2	9/21/2010	LF2	11:45 AM	Winkler Dissolved Oxygen	9.1	mg/L		SMAST	C
					E. coli	25	mpn/100ml		EPA	G
	M040-F-LF2	9/21/2010	LF2	11:20 AM	Conductivity	78	us/cm		FIELD	F
					Field Dissolved Oxygen	9.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	104.1	%		FIELD	F
					pH	7.5	su		FIELD	F
				11:30 AM	Specific Conductivity	90	us/cm@25C		FIELD	F
					Temperature	17.8	C		FIELD	F
					Total Water Depth	5.8	feet		FIELD	F
					Turbidity	0.1	ntu		FIELD	F
					Conductivity	78	us/cm		FIELD	F
					Field Dissolved Oxygen	9.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	102.4	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	90	us/cm@25C		FIELD	F
					Temperature	17.8	C		FIELD	F
					Turbidity	0.1	ntu		FIELD	F
	M040-C-LF1	7/27/2010	LF1	12:00 PM	Ammonia	24.1	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.4	mg/L		SMAST	C
					Chl-a + Phaeo.	9.76	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.86	ratio		SMAST	C
					Chlorophyll-a	8.38	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	151.3	ug/L		SMAST	C
					Dissolved Organic Nitrogen	513.6	ug/L		SMAST	C
					Nitrates	127.2	ug/L		SMAST	C
					Orthophosphates	3.00	ug/L		SMAST	C
					Particulate Organic Carbon	765	ug/L		SMAST	C
					Particulate Organic Nitrogen	103.9	ug/L		SMAST	C
					Phaeophytin	1.37	mg/L		SMAST	C
	M040-G-LF1 M040-F-LF1	7/27/2010	LF1	11:58 AM	TKN	0.642	mg/L		SMAST	C
					Total Nitrogen	0.769	mg/L		SMAST	C
				12:00 PM	Total Phosphorus	24.64	ug/L		SMAST	C
					Total Suspended Solids	6.9	mg/L		SMAST	C
					Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	C
					E. coli	74	mpn/100ml		EPA	G
					Conductivity	94	us/cm		FIELD	F
						95	us/cm		FIELD	F
					Field Dissolved Oxygen	6.7	mg/L		FIELD	F
						7.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	78.7	%		FIELD	F
						85.6	%		FIELD	F
					pH	5.4	su		FIELD	F
						5.5	su		FIELD	F
					Secchi Depth	6.0	feet		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
22X-MER	M040-F-LF1	7/27/2010	LF1	12:00 PM	Specific Conductivity	94	us/cm@25C		FIELD	F
						95	us/cm@25C		FIELD	F
					Temperature	24.6	C		FIELD	F
						24.7	C		FIELD	F
					Total Water Depth	6.0	feet		FIELD	F
					Turbidity	2.1	ntu		FIELD	F
						2.3	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Hall Street WWTF 1, U/S Garvins Falls 1 22-MER	M041-C-LF2	9/21/2010	LF2	9:20 AM	Ammonia	123.1	ug/L	J	SMAST	C
					Carbon to Nitrogen Ratio	8	ratio		SMAST	C
					CBOD 20	3.0	mg/L	<	EAI	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	3.50	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	269.5	ug/L	J	SMAST	C
					Dissolved Organic Nitrogen	431.9	ug/L		SMAST	C
					Nitrates	146.4	ug/L		SMAST	C
					Orthophosphates	4.65	ug/L		SMAST	C
					Particulate Organic Carbon	468	ug/L		SMAST	C
					Particulate Organic Nitrogen	70.1	ug/L		SMAST	C
					TKN	0.625	mg/L		SMAST	C
					Total Nitrogen	0.771	mg/L		SMAST	C
					Total Phosphorus	22.98	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L	<	EAI	C
	M041-G-LF2	9/21/2010	LF2	9:21 AM	Winkler Dissolved Oxygen	8.8	mg/L		SMAST	C
					E. coli	4	mpn/100ml	J	EPA	G
	M041-F-LF2	9/21/2010	LF2	3:10 PM	Conductivity	79	us/cm		FIELD	F
					Field Dissolved Oxygen	9.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	104.6	%		FIELD	F
				3:13 PM	pH	7.8	su		FIELD	F
					Specific Conductivity	91	us/cm@25C		FIELD	F
					Temperature	18.1	C		FIELD	F
					Total Water Depth	6.4	feet		FIELD	F
					Turbidity	4.4	ntu		FIELD	F
					Conductivity	79	us/cm		FIELD	F
					Field Dissolved Oxygen	9.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	103.7	%		FIELD	F
					pH	7.7	su		FIELD	F
					Specific Conductivity	91	us/cm@25C		FIELD	F
					Temperature	18.0	C		FIELD	F
					Turbidity	4.3	ntu		FIELD	F
				8:53 AM	Conductivity	78	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	98.1	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	90	us/cm@25C		FIELD	F
	M041-C-LF1	7/27/2010	LF1	9:36 AM	Temperature	17.6	C		FIELD	F
					Total Water Depth	5.9	feet		FIELD	F
					Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	9.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.0	%		FIELD	F
				6:55 PM	pH	7.4	su		FIELD	F
					Specific Conductivity	90	us/cm@25C		FIELD	F
					Temperature	17.8	C		FIELD	F
					Ammonia	110.1	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 20	41.0	mg/L		SMAST	C
					CBOD 5	2.4	mg/L		SMAST	C
					Chl-a + Phaeo.	10.02	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.87	ratio		SMAST	C
					Chlorophyll-a	8.72	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	232.3	ug/L		SMAST	C
					Dissolved Organic Nitrogen	483.4	ug/L		SMAST	C
					Nitrates	122.1	ug/L		SMAST	C
					Orthophosphates	9.30	ug/L		SMAST	C
					Particulate Organic Carbon	874	ug/L		SMAST	C
					Particulate Organic Nitrogen	108.4	ug/L		SMAST	C

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
22-MER	M041-C-LF1	7/27/2010	LF1	6:55 PM	Phaeophytin	1.30	mg/L		SMAST	C
					TKN	0.702	mg/L		SMAST	C
					Total Nitrogen	0.824	mg/L		SMAST	C
					Total Phosphorus	33.17	ug/L		SMAST	C
					Total Suspended Solids	2.9	mg/L		SMAST	C
	M041-G-LF1	7/27/2010	LF1	9:55 AM	Winkler Dissolved Oxygen	8.2	mg/L		SMAST	C
					E. coli	68	mpn/100ml		EPA	G
	M041-F-LF1	7/27/2010	LF1	9:50 AM	Conductivity	99	us/cm		FIELD	F
					Field Dissolved Oxygen	7.0	mg/L		FIELD	F
						7.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	83.7	%		FIELD	F
						86.2	%		FIELD	F
					pH	5.6	su		FIELD	F
						5.6	su		FIELD	F
					Specific Conductivity	100	us/cm@25C		FIELD	F
						101	us/cm@25C		FIELD	F
					Temperature	24.4	C		FIELD	F
						24.4	C		FIELD	F
					Total Water Depth	15.0	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	96	us/cm		FIELD	F
					Field Dissolved Oxygen	6.2	mg/L		FIELD	F
						6.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	74.9	%		FIELD	F
						80.7	%		FIELD	F
					pH	6.4	su		FIELD	F
						6.5	su		FIELD	F
					Secchi Depth	9.5	feet		FIELD	F
					Specific Conductivity	97	us/cm@25C		FIELD	F
					Temperature	25.2	C		FIELD	F
						25.2	C		FIELD	F
					Total Water Depth	16.0	feet		FIELD	F
					Turbidity	1.4	ntu		FIELD	F
						2.4	ntu		FIELD	F
	M041-G-HF1	5/17/2012	HF1	12:58 PM	Ammonia	43.2	ug/L	(blank)	SMAST	G
					CBOD 20	3.0	mg/L	<	EAI	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	1.80	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	138.9	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	213.2	ug/L	(blank)	SMAST	G
					E. coli	50	mpn/100ml	(blank)	EAI	G
					Nitrates	95.7	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	64	us/cm@25C	(blank)	FIELD	F
					TKN	0.256	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.491	mg/L	(blank)	SMAST	G
					Total Phosphorus	12.29	ug/L	(blank)	SMAST	G
					Total Suspended Solids	8.0	mg/L	(blank)	EAI	G
	M041-F-HF1	5/17/2012	HF1	12:43 PM	Winkler Dissolved Oxygen	9.3	mg/L		SMAST	G
					Conductivity	53	us/cm		FIELD	F
					Field Dissolved Oxygen	10.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	108.9	%		FIELD	F
					pH	6.6	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.8	C		FIELD	F
					Total Water Depth	17.6	feet		FIELD	F
					Turbidity	5.5	ntu		FIELD	F
				12:47 PM	Conductivity	52	us/cm		FIELD	F
					Field Dissolved Oxygen	10.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	110.8	%		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
22-MER	M041-F-HF1	5/17/2012	HF1	12:47 PM	pH	6.7	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.9	C		FIELD	F
					Turbidity	6.5	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Hall Street WWTF 2, U/S Garvins Falls 20-MER	M042-G-LF2	9/21/2010	LF2	10:20 AM	E. coli	12	mpn/100ml	J	EPA	G
					Ammonia	188.1	ug/L		SMAST	G
				10:30 AM	Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	3.10	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	343.9	ug/L		SMAST	G
					Dissolved Organic Nitrogen	216.7	ug/L		SMAST	G
					Nitrates	155.8	ug/L		SMAST	G
					Orthophosphates	48.08	ug/L		SMAST	G
					Particulate Organic Carbon	472	ug/L		SMAST	G
					Particulate Organic Nitrogen	72.3	ug/L		SMAST	G
					TKN	0.477	mg/L		SMAST	G
					Total Nitrogen	0.633	mg/L		SMAST	G
					Total Phosphorus	66.52	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L		EAI	G
					Winkler Dissolved Oxygen	8.7	mg/L		SMAST	G
	M042-F-LF2	9/21/2010	LF2	10:20 AM	Conductivity	84	us/cm		FIELD	F
					Field Dissolved Oxygen	9.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.3	%		FIELD	F
					pH	7.6	su		FIELD	F
					Secchi Depth	5.0	feet		FIELD	F
					Specific Conductivity	97	us/cm@25C		FIELD	F
					Temperature	17.8	C		FIELD	F
					Total Water Depth	13.9	feet		FIELD	F
				10:30 AM	Conductivity	84	us/cm		FIELD	F
					Field Dissolved Oxygen	9.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.7	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	97	us/cm@25C		FIELD	F
					Temperature	17.8	C		FIELD	F
	M042-G-LF1	7/27/2010	LF1	9:20 AM	E. coli	64	mpn/100ml		EPA	G
					Ammonia	149.7	ug/L		SMAST	G
				6:25 PM	Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	3.9	mg/L		SMAST	G
					Chl-a + Phaeo.	10.65	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.83	ratio		SMAST	G
					Chlorophyll-a	8.84	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	276.5	ug/L		SMAST	G
					Dissolved Organic Nitrogen	836.7	ug/L		SMAST	G
					Nitrates	126.7	ug/L		SMAST	G
					Orthophosphates	10.85	ug/L		SMAST	G
					Particulate Organic Carbon	960	ug/L		SMAST	G
					Particulate Organic Nitrogen	134.2	ug/L		SMAST	G
					Phaeophytin	1.81	mg/L		SMAST	G
					TKN	1.121	mg/L		SMAST	G
					Total Nitrogen	1.247	mg/L		SMAST	G
					Total Phosphorus	33.17	ug/L		SMAST	G
					Total Suspended Solids	3.6	mg/L		SMAST	G
	M042-F-LF1	7/27/2010	LF1	9:15 AM	Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	G
					Conductivity	98	us/cm		FIELD	F
					Field Dissolved Oxygen	7.2	mg/L		FIELD	F
						7.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	82.9	%		FIELD	F
						84.9	%		FIELD	F
					pH	6.0	su		FIELD	F
						6.0	su		FIELD	F
					Specific Conductivity	100	us/cm@25C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
20-MER	M042-F-LF1	7/27/2010	LF1	9:15 AM	Temperature	24.0	C		FIELD	F
						24.1	C		FIELD	F
				6:25 PM	Total Water Depth	15.0	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	99	us/cm		FIELD	F
						100	us/cm		FIELD	F
					Field Dissolved Oxygen	5.5	mg/L		FIELD	F
						6.4	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	69.0	%		FIELD	F
						77.8	%		FIELD	F
					pH	6.4	su		FIELD	F
						6.6	su		FIELD	F
					Secchi Depth	12.0	feet		FIELD	F
					Specific Conductivity	99	us/cm@25C		FIELD	F
					Temperature	25.5	C		FIELD	F
						25.5	C		FIELD	F
					Total Water Depth	16.0	feet		FIELD	F
					Turbidity	1.0	ntu		FIELD	F
						1.4	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Garvins Falls 19-MER	M043-G-LF2	9/21/2010	LF2	1:20 PM	Ammonia	179.1	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.80	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	365.6	ug/L		SMAST	G
					Dissolved Organic Nitrogen	229.1	ug/L		SMAST	G
					Nitrates	186.5	ug/L		SMAST	G
					Orthophosphates	54.67	ug/L		SMAST	G
					Particulate Organic Carbon	443	ug/L		SMAST	G
					Particulate Organic Nitrogen	65.2	ug/L		SMAST	G
					TKN	0.473	mg/L		SMAST	G
					Total Nitrogen	0.660	mg/L		SMAST	G
					Total Phosphorus	69.15	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	9.3	mg/L		SMAST	G
	M043-G-LF1	7/27/2010	LF1	11:55 AM	Ammonia	85.3	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	11.01	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.77	ratio		SMAST	G
					Chlorophyll-a	8.50	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	263.1	ug/L		SMAST	G
					Dissolved Organic Nitrogen	239.0	ug/L		SMAST	G
					Nitrates	177.9	ug/L		SMAST	G
					Orthophosphates	6.20	ug/L		SMAST	G
					Particulate Organic Carbon	675	ug/L		SMAST	G
					Particulate Organic Nitrogen	100.6	ug/L		SMAST	G
					Phaeophytin	2.51	mg/L		SMAST	G
					TKN	0.425	mg/L		SMAST	G
					Total Nitrogen	0.603	mg/L		SMAST	G
					Total Phosphorus	21.55	ug/L		SMAST	G
					Total Suspended Solids	2.3	mg/L		SMAST	G
	M043-F-LF1	7/27/2010	LF1	11:55 AM	Winkler Dissolved Oxygen	7.9	mg/L		SMAST	G
					Conductivity	93	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	109.0	%		FIELD	F
					pH	7.6	su		FIELD	F
					Secchi Depth	4.0	feet		FIELD	F
					Specific Conductivity	94	us/cm@25C		FIELD	F
					Temperature	24.4	C		FIELD	F
					Total Water Depth	4.0	feet		FIELD	F
					Turbidity	0.3	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Soucook River 01-SCK	T044-G-LF2	9/21/2010	LF2	12:50 PM	Ammonia	2.0	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	0.60	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	290.1	ug/L		SMAST	G
					Dissolved Organic Nitrogen	169.8	ug/L		SMAST	G
					Nitrates	288.1	ug/L		SMAST	G
					Orthophosphates	2.33	ug/L		SMAST	G
					Particulate Organic Carbon	225	ug/L		SMAST	G
					Particulate Organic Nitrogen	28.5	ug/L		SMAST	G
	T044-F-LF2	9/21/2010	LF2	1:05 PM	TKN	0.200	mg/L		SMAST	G
					Total Nitrogen	0.488	mg/L		SMAST	G
					Total Phosphorus	9.78	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	10.0	mg/L		SMAST	G
				12:50 PM	Conductivity	172	us/cm		FIELD	F
					Field Dissolved Oxygen	7.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	76.0	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	217	us/cm@25C		FIELD	F
	T044-G-LF1	7/27/2010	LF1	12:35 PM	Temperature	14.1	C		FIELD	F
					Turbidity	0.9	ntu		FIELD	F
					Conductivity	171	us/cm		FIELD	F
					Field Dissolved Oxygen	7.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	76.7	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	216	us/cm@25C		FIELD	F
					Temperature	14.0	C		FIELD	F
					Total Water Depth	1.0	feet		FIELD	F
					Turbidity	1.0	ntu		FIELD	F
	T044-G-LF1	7/27/2010	LF1	12:35 PM	Ammonia	0.8	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	2.98	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.31	ratio		SMAST	G
					Chlorophyll-a	0.92	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	209.7	ug/L		SMAST	G
					Dissolved Organic Nitrogen	231.1	ug/L		SMAST	G
					Nitrates	208.8	ug/L		SMAST	G
	T044-F-LF1	7/27/2010	LF1	12:35 PM	Orthophosphates	4.65	ug/L		SMAST	G
					Particulate Organic Carbon	260	ug/L		SMAST	G
					Particulate Organic Nitrogen	34.6	ug/L		SMAST	G
					Phaeophytin	2.06	mg/L		SMAST	G
					TKN	0.267	mg/L		SMAST	G
					Total Nitrogen	0.475	mg/L		SMAST	G
					Total Phosphorus	19.40	ug/L		SMAST	G
					Total Suspended Solids	1.2	mg/L		SMAST	G
					Winkler Dissolved Oxygen	8.7	mg/L		SMAST	G
					Conductivity	188	us/cm		FIELD	F
	T044-G-HF1	5/17/2012	HF1	10:00 AM	Field Dissolved Oxygen	9.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	101.3	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	203	us/cm@25C		FIELD	F
					Temperature	21.3	C		FIELD	F
					Total Water Depth	1.0	feet		FIELD	F
					Turbidity	0.3	ntu		FIELD	F
					Ammonia	13.2	ug/L	(blank)	SMAST	G
					CBOD 5	4.0	mg/L	(blank)	EAI	G
					Dissolved Inorganic Nitrogen	94.7	ug/L	(blank)	SMAST	G

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01-SCK	T044-G-HF1	5/17/2012	HF1	10:00 AM	Dissolved Organic Nitrogen	273.8	ug/L	(blank)	SMAST	G
					Nitrates	81.4	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	93	us/cm@25C	(blank)	FIELD	F
					TKN	0.287	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.463	mg/L	(blank)	SMAST	G
					Total Phosphorus	26.25	ug/L	(blank)	SMAST	G
					Total Suspended Solids	6.0	mg/L	(blank)	EAI	G
					Conductivity	77	us/cm		FIELD	F
	T044-F-HF1	5/17/2012	HF1	8:40 AM	Field Dissolved Oxygen	8.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	85.4	%		FIELD	F
					pH	6.7	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
				9:00 AM	Temperature	14.6	C		FIELD	F
					Total Water Depth	3.5	feet		FIELD	F
					Turbidity	14.2	ntu		FIELD	F
					Conductivity	77	us/cm		FIELD	F
					Field Dissolved Oxygen	8.4	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	84.9	%		FIELD	F
					pH	6.5	su		FIELD	F
					Secchi Depth	2.0	feet		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.5	C		FIELD	F
					Turbidity	13.8	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Hooksett 1 18-MER	M045-C-LF2	9/21/2010	LF2	1:50 PM	Ammonia	146.1	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	8	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.80	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	335.3	ug/L		SMAST	C
					Dissolved Organic Nitrogen	233.3	ug/L		SMAST	C
					Nitrates	189.2	ug/L		SMAST	C
					Orthophosphates	31.61	ug/L		SMAST	C
					Particulate Organic Carbon	458	ug/L		SMAST	C
					Particulate Organic Nitrogen	64.5	ug/L		SMAST	C
					TKN	0.444	mg/L		SMAST	C
					Total Nitrogen	0.633	mg/L		SMAST	C
					Total Phosphorus	48.14	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L		EAI	C
					Winkler Dissolved Oxygen	9.1	mg/L		SMAST	C
	M045-G-LF2	9/21/2010	LF2	1:50 PM	E. coli	16	mpn/100ml		EPA	G
	M045-F-LF2	9/21/2010	LF2	1:50 PM	Conductivity	84	us/cm		FIELD	F
					Field Dissolved Oxygen	8.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	83.4	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	96	us/cm@25C		FIELD	F
				2:05 PM	Temperature	18.3	C		FIELD	F
					Total Water Depth	6.1	feet		FIELD	F
					Turbidity	1.2	ntu		FIELD	F
					Conductivity	84	us/cm		FIELD	F
					Field Dissolved Oxygen	7.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	83.8	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	96	us/cm@25C		FIELD	F
					Temperature	18.3	C		FIELD	F
					Turbidity	1.2	ntu		FIELD	F
	M045-C-LF1	7/27/2010	LF1	2:16 PM	Ammonia	40.3	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	8	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	15.13	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.79	ratio		SMAST	C
					Chlorophyll-a	12.01	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	224.6	ug/L		SMAST	C
					Dissolved Organic Nitrogen	347.3	ug/L		SMAST	C
					Nitrates	184.4	ug/L		SMAST	C
					Orthophosphates	4.65	ug/L		SMAST	C
					Particulate Organic Carbon	851	ug/L		SMAST	C
					Particulate Organic Nitrogen	126.3	ug/L		SMAST	C
					Phaeophytin	3.12	mg/L		SMAST	C
					TKN	0.514	mg/L		SMAST	C
					Total Nitrogen	0.698	mg/L		SMAST	C
					Total Phosphorus	25.11	ug/L		SMAST	C
					Total Suspended Solids	2.4	mg/L		SMAST	C
					Winkler Dissolved Oxygen	8.7	mg/L		SMAST	C
	M045-G-LF1	7/27/2010	LF1	6:33 AM	E. coli	30	mpn/100ml	J	EPA	G
	M045-F-LF1	7/27/2010	LF1	6:33 AM	Conductivity	92	us/cm		FIELD	F
					Field Dissolved Oxygen	7.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	91.8	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	93	us/cm@25C		FIELD	F
				2:16 PM	Temperature	24.2	C		FIELD	F
					Total Water Depth	6.5	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	93	us/cm		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
18-MER	M045-F-LF1	7/27/2010	LF1	2:16 PM	Field Dissolved Oxygen	8.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	107.1	%		FIELD	F
					pH	8.0	su		FIELD	F
					Secchi Depth	6.1	feet		FIELD	F
					Specific Conductivity	94	us/cm@25C		FIELD	F
					Temperature	24.7	C		FIELD	F
	M045-G-HF1	5/17/2012	HF1	9:25 AM	Total Water Depth	6.5	feet		FIELD	F
					Turbidity	0.3	ntu		FIELD	F
					Ammonia	63.8	ug/L	(blank)	SMAST	G
					CBOD 5	4.0	mg/L	(blank)	EAI	G
					Chlorophyll-a	2.20	ug/L	(blank)	EAI	G
					Dissolved Inorganic Nitrogen	201.8	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	300.5	ug/L	(blank)	SMAST	G
					Nitrates	138.0	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	74	us/cm@25C	(blank)	FIELD	F
					TKN	0.364	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.5	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.704	mg/L	(blank)	SMAST	G
					Total Phosphorus	16.80	ug/L	(blank)	SMAST	G
					Total Suspended Solids	6.0	mg/L	(blank)	EAI	G
	M045-F-HF1	5/17/2012	HF1	9:20 AM	Conductivity	61	us/cm		FIELD	F
					Field Dissolved Oxygen	9.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	92.4	%		FIELD	F
					pH	6.4	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.1	C		FIELD	F
				9:35 AM	Total Water Depth	8.5	feet		FIELD	F
					Turbidity	12.3	ntu		FIELD	F
					Conductivity	61	us/cm		FIELD	F
					Field Dissolved Oxygen	9.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	90.4	%		FIELD	F
					pH	6.5	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.1	C		FIELD	F
					Turbidity	12.4	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Suncook River 00G-SNK	T046-G-LF2	9/21/2010	LF2	3:00 PM	Ammonia	63.9	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	6.20	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	245.1	ug/L		SMAST	G
					Dissolved Organic Nitrogen	293.3	ug/L		SMAST	G
					Nitrates	181.2	ug/L		SMAST	G
					Orthophosphates	13.18	ug/L		SMAST	G
					Particulate Organic Carbon	560	ug/L		SMAST	G
					Particulate Organic Nitrogen	74.1	ug/L		SMAST	G
					TKN	0.431	mg/L		SMAST	G
					Total Nitrogen	0.612	mg/L		SMAST	G
					Total Phosphorus	32.17	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L		EAI	G
					Winkler Dissolved Oxygen	8.4	mg/L		SMAST	G
	T046-F-LF2	9/21/2010	LF2	3:00 PM	Conductivity	102	us/cm		FIELD	F
					Field Dissolved Oxygen	6.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	72.4	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	114	us/cm@25C		FIELD	F
				3:15 PM	Temperature	19.4	C		FIELD	F
					Total Water Depth	1.8	feet		FIELD	F
					Turbidity	0.1	ntu		FIELD	F
					Conductivity	102	us/cm		FIELD	F
					Field Dissolved Oxygen	6.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	71.5	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	115	us/cm@25C		FIELD	F
					Temperature	19.4	C		FIELD	F
					Turbidity	0.1	ntu		FIELD	F
	T046-G-LF1	7/27/2010	LF1	5:46 AM	E. coli	115	mpn/100ml	J	EPA	G
					Ammonia	7.3	ug/L		SMAST	G
				2:44 PM	Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	3.52	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.48	ratio		SMAST	G
					Chlorophyll-a	1.68	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	95.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	293.2	ug/L		SMAST	G
					Nitrates	87.9	ug/L		SMAST	G
					Orthophosphates	4.65	ug/L		SMAST	G
					Particulate Organic Carbon	294	ug/L		SMAST	G
					Particulate Organic Nitrogen	40.2	ug/L		SMAST	G
					Phaeophytin	1.84	mg/L		SMAST	G
					TKN	0.341	mg/L		SMAST	G
					Total Nitrogen	0.429	mg/L		SMAST	G
					Total Phosphorus	19.40	ug/L		SMAST	G
					Total Suspended Solids	1.1	mg/L		SMAST	G
	T046-F-LF1	7/27/2010	LF1	5:46 AM	Winkler Dissolved Oxygen	7.6	mg/L		SMAST	G
					Conductivity	106	us/cm		FIELD	F
					Field Dissolved Oxygen	8.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	94.6	%		FIELD	F
					pH	7.2	su		FIELD	F
				2:44 PM	Specific Conductivity	112	us/cm@25C		FIELD	F
					Temperature	22.3	C		FIELD	F
					Total Water Depth	1.2	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	113	us/cm		FIELD	F
					Field Dissolved Oxygen	7.2	mg/L		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
00G-SNK	T046-F-LF1	7/27/2010	LF1	2:44 PM	Field Dissolved Oxygen Percent	88.1	%		FIELD	F
					pH	7.6	su		FIELD	F
					Specific Conductivity	112	us/cm@25C		FIELD	F
					Temperature	25.5	C		FIELD	F
					Total Water Depth	1.5	feet		FIELD	F
	T046-G-HF1	5/17/2012	HF1	8:55 AM	Turbidity	0.6	ntu		FIELD	F
					Ammonia	35.7	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	111.5	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	406.3	ug/L	(blank)	SMAST	G
					Nitrates	75.7	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	72	us/cm@25C	(blank)	FIELD	F
					TKN	0.442	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.5	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.629	mg/L	(blank)	SMAST	G
					Total Phosphorus	25.39	ug/L	(blank)	SMAST	G
					Total Suspended Solids	4.0	mg/L		EAI	G
	T046-F-HF1	5/17/2012	HF1	9:55 AM	Conductivity	61	us/cm		FIELD	F
					Field Dissolved Oxygen	8.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	90.5	%		FIELD	F
					pH	6.2	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
				10:10 AM	Temperature	16.0	C		FIELD	F
					Total Water Depth	3.5	feet		FIELD	F
					Turbidity	8.7	ntu		FIELD	F
					Conductivity	61	us/cm		FIELD	F
					Field Dissolved Oxygen	8.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	89.1	%		FIELD	F
					pH	6.4	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	16.0	C		FIELD	F
					Turbidity	8.7	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Suncook WWTF 17-MER	M047-C-LF2	9/21/2010	LF2	2:35 PM	Ammonia	94.3	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.20	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	294.1	ug/L		SMAST	C
					Dissolved Organic Nitrogen	242.3	ug/L		SMAST	C
					Nitrates	199.9	ug/L		SMAST	C
					Orthophosphates	20.07	ug/L		SMAST	C
					Particulate Organic Carbon	398	ug/L		SMAST	C
					Particulate Organic Nitrogen	51.5	ug/L		SMAST	C
					TKN	0.388	mg/L		SMAST	C
					Total Nitrogen	0.588	mg/L		SMAST	C
					Total Phosphorus	34.14	ug/L		SMAST	C
					Total Suspended Solids	2.0	mg/L		EAI	C
					Winkler Dissolved Oxygen	7.9	mg/L		SMAST	C
	M047-G-LF2	9/21/2010	LF2	2:35 PM	E. coli	4	mpn/100ml	<	EPA	G
	M047-F-LF2	9/21/2010	LF2	2:35 PM	Conductivity	96	us/cm		FIELD	F
					Field Dissolved Oxygen	6.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	72.4	%		FIELD	F
					pH	7.5	su		FIELD	F
					Specific Conductivity	98	us/cm@25C		FIELD	F
					Temperature	24.4	C		FIELD	F
					Total Water Depth	12.5	feet		FIELD	F
				2:50 PM	Turbidity	0.9	ntu		FIELD	F
					Conductivity	96	us/cm		FIELD	F
					Field Dissolved Oxygen	6.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	71.5	%		FIELD	F
					pH	7.4	su		FIELD	F
					Secchi Depth	9.0	feet		FIELD	F
					Specific Conductivity	98	us/cm@25C		FIELD	F
					Temperature	24.2	C		FIELD	F
	M047-C-LF1	7/27/2010	LF1	3:10 PM	Turbidity	0.9	ntu		FIELD	F
					Ammonia	22.8	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	8	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	12.44	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.74	ratio		SMAST	C
					Chlorophyll-a	9.18	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	201.4	ug/L		SMAST	C
					Dissolved Organic Nitrogen	315.5	ug/L		SMAST	C
					Nitrates	178.6	ug/L		SMAST	C
					Orthophosphates	3.00	ug/L		SMAST	C
					Particulate Organic Carbon	988	ug/L		SMAST	C
					Particulate Organic Nitrogen	145.4	ug/L		SMAST	C
					Phaeophytin	3.26	mg/L		SMAST	C
					TKN	0.484	mg/L		SMAST	C
					Total Nitrogen	0.662	mg/L		SMAST	C
					Total Phosphorus	15.52	ug/L		SMAST	C
					Total Suspended Solids	2.7	mg/L		SMAST	C
					Winkler Dissolved Oxygen	8.0	mg/L		SMAST	C
	M047-G-LF1	7/27/2010	LF1	5:58 AM	E. coli	34	mpn/100ml	J	EPA	G
	M047-F-LF1	7/27/2010	LF1	6:00 AM	Conductivity	101	us/cm		FIELD	F
					Field Dissolved Oxygen	7.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	92.9	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	95	us/cm@25C		FIELD	F
					Temperature	28.6	C		FIELD	F
					Total Water Depth	9.0	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
17-MER	M047-F-LF1	7/27/2010	LF1	3:10 PM	Conductivity	101	us/cm		FIELD	F
					Field Dissolved Oxygen	7.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	90.4	%		FIELD	F
					pH	8.4	su		FIELD	F
					Secchi Depth	7.0	feet		FIELD	F
					Specific Conductivity	95	us/cm@25C		FIELD	F
					Temperature	27.9	C		FIELD	F
					Total Water Depth	11.3	feet		FIELD	F
					Turbidity	0.3	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Suncook WWTF 1 16J-MER	M048-C-LF2	9/21/2010	LF2	6:48 AM	Ammonia	133.3	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	8	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.70	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	357.3	ug/L		SMAST	C
					Dissolved Organic Nitrogen	372.3	ug/L		SMAST	C
					Nitrates	223.9	ug/L		SMAST	C
					Orthophosphates	25.84	ug/L		SMAST	C
					Particulate Organic Carbon	411	ug/L		SMAST	C
					Particulate Organic Nitrogen	60.0	ug/L		SMAST	C
					TKN	0.566	mg/L		SMAST	C
					Total Nitrogen	0.790	mg/L		SMAST	C
					Total Phosphorus	38.51	ug/L		SMAST	C
					Total Suspended Solids	2.0	mg/L		EAI	C
	M048-G-LF2	9/21/2010	LF2	6:50 AM	Winkler Dissolved Oxygen	7.7	mg/L		SMAST	C
					E. coli	8	mpn/100ml		EPA	G
	M048-F-LF2	9/21/2010	LF2	4:00 PM	Field Dissolved Oxygen	6.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	75.0	%		FIELD	F
					Temperature	22.6	C		FIELD	F
					Total Water Depth	6.0	feet		FIELD	F
				6:52 AM	Conductivity	91	us/cm		FIELD	F
					Field Dissolved Oxygen	10.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	113.7	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	97	us/cm@25C		FIELD	F
					Temperature	21.4	C		FIELD	F
					Total Water Depth	5.9	feet		FIELD	F
				6:54 AM	Conductivity	91	us/cm		FIELD	F
					Field Dissolved Oxygen	10.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	113.8	%		FIELD	F
					pH	7.2	su		FIELD	F
	M048-C-LF1	7/27/2010	LF1	3:40 PM	Specific Conductivity	97	us/cm@25C		FIELD	F
					Temperature	21.4	C		FIELD	F
					Ammonia	22.8	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 20	4.0	mg/L		SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	12.98	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.71	ratio		SMAST	C
					Chlorophyll-a	9.18	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	200.0	ug/L		SMAST	C
					Dissolved Organic Nitrogen	346.5	ug/L		SMAST	C
					Nitrates	177.2	ug/L		SMAST	C
					Orthophosphates	3.00	ug/L		SMAST	C
					Particulate Organic Carbon	924	ug/L		SMAST	C
					Particulate Organic Nitrogen	126.3	ug/L		SMAST	C
	M048-G-LF1	7/27/2010	LF1	6:07 AM	Phaeophytin	3.80	mg/L		SMAST	C
					TKN	0.496	mg/L		SMAST	C
					Total Nitrogen	0.673	mg/L		SMAST	C
					Total Phosphorus	13.79	ug/L		SMAST	C
					Total Suspended Solids	2.8	mg/L		SMAST	C
					Winkler Dissolved Oxygen	8.0	mg/L		SMAST	C
					E. coli	8	mpn/100ml		EPA	G
					Conductivity	96	us/cm		FIELD	F
					Field Dissolved Oxygen	7.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.8	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	93	us/cm@25C		FIELD	F
					Temperature	26.5	C		FIELD	F
					Total Water Depth	9.0	feet		FIELD	F
	M048-F-LF1	7/27/2010	LF1	6:07 AM						

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
16J-MER	M048-F-LF1	7/27/2010	LF1	6:07 AM 3:40 PM	Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	99	us/cm		FIELD	F
					Field Dissolved Oxygen	6.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	85.2	%		FIELD	F
					pH	8.3	su		FIELD	F
					Secchi Depth	6.3	feet		FIELD	F
					Specific Conductivity	95	us/cm@25C		FIELD	F
					Temperature	27.6	C		FIELD	F
					Total Water Depth	6.3	feet		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
	M048-G-HF1	5/17/2012	HF1	10:40 AM	Ammonia	49.5	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	201.4	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	261.0	ug/L	(blank)	SMAST	G
					Nitrates	152.0	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	(blank)	SMAST	G
					Specific Conductivity	75	us/cm@25C	(blank)	FIELD	F
					TKN	0.310	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.5	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.664	mg/L	(blank)	SMAST	G
					Total Phosphorus	15.16	ug/L	(blank)	SMAST	G
	M048-F-HF1	5/17/2012	HF1	10:35 AM	Total Suspended Solids	7.0	mg/L		EAI	G
					Conductivity	62	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.5	%		FIELD	F
					pH	6.6	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.3	C		FIELD	F
					Total Water Depth	7.5	feet		FIELD	F
				10:47 AM	Turbidity	11.0	ntu		FIELD	F
					Conductivity	62	us/cm		FIELD	F
					Field Dissolved Oxygen	9.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	90.5	%		FIELD	F
					pH	6.5	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.4	C		FIELD	F
					Turbidity	12.3	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code						
U/S Hooksett 2, D/S Suncook WWTF 2 16E-MER	M049-C-LF2	9/21/2010	LF2	3:30 PM	Ammonia	114.7	ug/L		SMAST	C						
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C						
					CBOD 5	3.0	mg/L	<	EAI	C						
					Chlorophyll-a	1.50	ug/L		EAI	C						
					Dissolved Inorganic Nitrogen	336.0	ug/L		SMAST	C						
					Dissolved Organic Nitrogen	260.7	ug/L		SMAST	C						
					Nitrates	221.3	ug/L		SMAST	C						
					Orthophosphates	25.02	ug/L		SMAST	C						
					Particulate Organic Carbon	344	ug/L		SMAST	C						
					Particulate Organic Nitrogen	42.5	ug/L		SMAST	C						
					TKN	0.418	mg/L		SMAST	C						
					Total Nitrogen	0.639	mg/L		SMAST	C						
					Total Phosphorus	41.14	ug/L		SMAST	C						
					Total Suspended Solids	1.0	mg/L	<	EAI	C						
					Winkler Dissolved Oxygen	8.0	mg/L		SMAST	C						
	M049-F-LF2	9/21/2010	LF2	3:30 PM	3:30 PM	Conductivity	92	us/cm		FIELD	F					
						Field Dissolved Oxygen	5.7	mg/L		FIELD	F					
						Field Dissolved Oxygen Percent	65.5	%		FIELD	F					
						pH	7.5	su		FIELD	F					
						Specific Conductivity	98	us/cm@25C		FIELD	F					
						Temperature	22.0	C		FIELD	F					
						Total Water Depth	10.3	feet		FIELD	F					
						Turbidity	1.3	ntu		FIELD	F					
						M049-C-LF1	7/27/2010	LF1	4:10 PM	4:10 PM	Conductivity	92	us/cm		FIELD	F
											Field Dissolved Oxygen	5.7	mg/L		FIELD	F
											Field Dissolved Oxygen Percent	65.3	%		FIELD	F
											pH	7.4	su		FIELD	F
											Specific Conductivity	98	us/cm@25C		FIELD	F
											Temperature	21.9	C		FIELD	F
											Turbidity	1.3	ntu		FIELD	F
	Ammonia	12.5	ug/L		SMAST						C					
	Carbon to Nitrogen Ratio	8	ratio		SMAST						C					
	CBOD 20	(blank)	mg/L	NS	SMAST						C					
	CBOD 5	2.0	mg/L	<	SMAST						C					
	Chl-a + Phaeo.	16.02	mg/L		SMAST						C					
	Chl-a to Chl-a + Phaeo. Ratio	0.33	ratio		SMAST						C					
	Chlorophyll-a	5.32	ug/L		SMAST						C					
	Dissolved Inorganic Nitrogen	186.8	ug/L		SMAST						C					
	Dissolved Organic Nitrogen	454.9	ug/L		SMAST	C										
	Nitrates	174.3	ug/L		SMAST	C										
	Orthophosphates	3.00	ug/L		SMAST	C										
	Particulate Organic Carbon	1109	ug/L		SMAST	C										
	Particulate Organic Nitrogen	154.3	ug/L		SMAST	C										
	Phaeophytin	10.70	mg/L		SMAST	C										
	TKN	0.622	mg/L		SMAST	C										
	Total Nitrogen	0.796	mg/L		SMAST	C										
	Total Phosphorus	16.81	ug/L		SMAST	C										
	Total Suspended Solids	3.3	mg/L		SMAST	C										
	Winkler Dissolved Oxygen	8.2	mg/L		SMAST	C										
	M049-G-LF1	7/27/2010	LF1	6:21 AM	6:21 AM	E. coli	16	mpn/100ml	J	EPA	G					
M049-F-LF1		7/27/2010	LF1	5:28 AM	5:28 AM	Conductivity	94	us/cm		FIELD	F					
					Field Dissolved Oxygen	8.1	mg/L		FIELD	F						
					Field Dissolved Oxygen Percent	99.8	%		FIELD	F						
					pH	7.5	su		FIELD	F						
					Specific Conductivity	93	us/cm@25C		FIELD	F						
					Temperature	25.8	C		FIELD	F						
					Total Water Depth	7.0	feet		FIELD	F						
					Turbidity	(blank)	ntu	NS	FIELD	F						

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
16E-MER	M049-F-LF1	7/27/2010	LF1	6:21 AM	Conductivity	92	us/cm		FIELD	F
					Field Dissolved Oxygen	7.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	92.9	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	91	us/cm@25C		FIELD	F
					Temperature	25.7	C		FIELD	F
					Total Water Depth	8.5	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
				4:10 PM	Conductivity	98	us/cm		FIELD	F
					Field Dissolved Oxygen	6.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	80.1	%		FIELD	F
					pH	8.5	su		FIELD	F
					Secchi Depth	6.8	feet		FIELD	F
					Specific Conductivity	93	us/cm@25C		FIELD	F
					Temperature	27.6	C		FIELD	F
					Total Water Depth	11.0	feet		FIELD	F
					Turbidity	0.3	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code	
D/S Hooksett Dam 16-MER	M050-G-LF2	9/21/2010	LF2	11:20 AM	Ammonia	116.7	ug/L		SMAST	G	
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G	
					CBOD 5	3.0	mg/L	<	EAI	G	
					Chlorophyll-a	1.40	ug/L		EAI	G	
					Dissolved Inorganic Nitrogen	362.0	ug/L		SMAST	G	
					Dissolved Organic Nitrogen	271.0	ug/L		SMAST	G	
					Nitrates	245.3	ug/L		SMAST	G	
					Orthophosphates	27.49	ug/L		SMAST	G	
					Particulate Organic Carbon	254	ug/L		SMAST	G	
					Particulate Organic Nitrogen	27.0	ug/L		SMAST	G	
					TKN	0.415	mg/L		SMAST	G	
					Total Nitrogen	0.660	mg/L		SMAST	G	
					Total Phosphorus	35.23	ug/L		SMAST	G	
					Total Suspended Solids	1.0	mg/L	<	EAI	G	
					Winkler Dissolved Oxygen	8.6	mg/L		SMAST	G	
	M050-F-LF2	9/21/2010	LF2	11:20 AM	Conductivity	90	us/cm		FIELD	F	
					Field Dissolved Oxygen	7.7	mg/L		FIELD	F	
					Field Dissolved Oxygen Percent	85.7	%		FIELD	F	
					pH	7.3	su		FIELD	F	
					Secchi Depth	12.3	feet		FIELD	F	
					Specific Conductivity	98	us/cm@25C		FIELD	F	
					Temperature	20.4	C		FIELD	F	
					Total Water Depth	12.5	feet		FIELD	F	
					Turbidity	1.5	ntu		FIELD	F	
					11:35 AM	Conductivity	90	us/cm		FIELD	F
						Field Dissolved Oxygen	7.5	mg/L		FIELD	F
						Field Dissolved Oxygen Percent	83.7	%		FIELD	F
						pH	7.4	su		FIELD	F
						Specific Conductivity	98	us/cm@25C		FIELD	F
						Temperature	20.4	C		FIELD	F
	Turbidity	1.5	ntu			FIELD	F				
	M050-G-LF1	7/27/2010	LF1	10:30 AM	Ammonia	17.7	ug/L		SMAST	G	
					Carbon to Nitrogen Ratio	7	ratio		SMAST	G	
					CBOD 20	(blank)	mg/L	NS	SMAST	G	
					CBOD 5	2.0	mg/L	<	SMAST	G	
					Chl-a + Phaeo.	14.23	mg/L		SMAST	G	
					Chl-a to Chl-a + Phaeo. Ratio	0.45	ratio		SMAST	G	
					Chlorophyll-a	6.46	ug/L		SMAST	G	
					Dissolved Inorganic Nitrogen	199.1	ug/L		SMAST	G	
					Dissolved Organic Nitrogen	241.7	ug/L		SMAST	G	
					E. coli	4	mpn/100ml		EPA	G	
					Nitrates	181.5	ug/L		SMAST	G	
					Orthophosphates	3.00	ug/L		SMAST	G	
					Particulate Organic Carbon	576	ug/L		SMAST	G	
					Particulate Organic Nitrogen	92.8	ug/L		SMAST	G	
					Phaeophytin	7.77	mg/L		SMAST	G	
	TKN	0.352	mg/L		SMAST	G					
	Total Nitrogen	0.534	mg/L		SMAST	G					
	Total Phosphorus	21.12	ug/L		SMAST	G					
	Total Suspended Solids	2.1	mg/L		SMAST	G					
Winkler Dissolved Oxygen	7.7	mg/L		SMAST	G						
M050-F-LF1	7/27/2010	LF1	10:30 AM	Conductivity	92	us/cm		FIELD	F		
				Field Dissolved Oxygen	8.1	mg/L		FIELD	F		
				Field Dissolved Oxygen Percent	99.3	%		FIELD	F		
				pH	7.2	su		FIELD	F		
				Specific Conductivity	91	us/cm@25C		FIELD	F		
				Temperature	25.7	C		FIELD	F		
				Total Water Depth	22.2	feet		FIELD	F		
				Turbidity	(blank)	ntu	NS	FIELD	F		

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Hooksett WWTF 15J-MER	M051-G-LF2	9/21/2010	LF2	10:50 AM	Ammonia	138.4	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	1.10	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	398.5	ug/L		SMAST	G
					Dissolved Organic Nitrogen	266.7	ug/L		SMAST	G
					E. coli	4	mpn/100ml	<	EPA	G
					Nitrates	260.0	ug/L		SMAST	G
					Orthophosphates	32.43	ug/L		SMAST	G
					Particulate Organic Carbon	184	ug/L		SMAST	G
					Particulate Organic Nitrogen	19.5	ug/L		SMAST	G
					TKN	0.425	mg/L		SMAST	G
					Total Nitrogen	0.685	mg/L		SMAST	G
					Total Phosphorus	37.42	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
	M051-F-LF2	9/21/2010	LF2	10:50 AM	Winkler Dissolved Oxygen	7.4	mg/L		SMAST	G
					Conductivity	90	us/cm		FIELD	F
					Field Dissolved Oxygen	7.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	84.9	%		FIELD	F
					pH	7.3	su		FIELD	F
				Specific Conductivity	99	us/cm@25C		FIELD	F	
				Temperature	20.0	C		FIELD	F	
				Total Water Depth	12.3	feet		FIELD	F	
				11:00 AM	Turbidity	1.3	ntu		FIELD	F
					Conductivity	90	us/cm		FIELD	F
					Field Dissolved Oxygen	7.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	84.4	%		FIELD	F
					pH	7.2	su		FIELD	F
				Specific Conductivity	100	us/cm@25C		FIELD	F	
				Temperature	20.5	C		FIELD	F	
	Turbidity	1.4	ntu		FIELD	F				
	M051-G-LF1	7/27/2010	LF1	9:48 AM	Ammonia	17.7	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	13.43	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.42	ratio		SMAST	G
					Chlorophyll-a	5.66	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	179.7	ug/L		SMAST	G
					Dissolved Organic Nitrogen	231.5	ug/L		SMAST	G
					E. coli	12	mpn/100ml		EPA	G
					Nitrates	162.0	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	597	ug/L		SMAST	G
					Particulate Organic Nitrogen	88.0	ug/L		SMAST	G
					M051-F-LF1	7/27/2010	LF1	9:48 AM	Phaeophytin	7.76
	TKN	0.337	mg/L						SMAST	G
	Total Nitrogen	0.499	mg/L						SMAST	G
	Total Phosphorus	17.24	ug/L						SMAST	G
	Total Suspended Solids	2.0	mg/L						SMAST	G
	Winkler Dissolved Oxygen	7.8	mg/L					SMAST	G	
	Conductivity	92	us/cm					FIELD	F	
	Field Dissolved Oxygen	7.8	mg/L					FIELD	F	
	Field Dissolved Oxygen Percent	96.7	%					FIELD	F	
	pH	7.1	su					FIELD	F	
	Secchi Depth	7.5	feet					FIELD	F	
	Specific Conductivity	90	us/cm@25C					FIELD	F	
	Temperature	26.1	C					FIELD	F	
	Total Water Depth	11.7	feet					FIELD	F	
	Turbidity	0.7	ntu					FIELD	F	

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
15J-MER	M051-G-HF1	5/17/2012	HF1	11:55 AM	Ammonia	43.8	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	167.7	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	259.3	ug/L	(blank)	SMAST	G
					Nitrates	123.8	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	(blank)	SMAST	G
					Specific Conductivity	74	us/cm@25C	(blank)	FIELD	F
					TKN	0.303	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.595	mg/L	(blank)	SMAST	G
					Total Phosphorus	19.26	ug/L	(blank)	SMAST	G
					Total Suspended Solids	6.0	mg/L	(blank)	EAI	G
	M051-F-HF1	5/17/2012	HF1	11:50 AM	Conductivity	61	us/cm		FIELD	F
					Field Dissolved Oxygen	10.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	110.5	%		FIELD	F
					pH	6.6	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.7	C		FIELD	F
					Total Water Depth	11.0	feet		FIELD	F
					Turbidity	10.6	ntu		FIELD	F
				12:00 PM	Conductivity	61	us/cm		FIELD	F
					Field Dissolved Oxygen	9.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	99.0	%		FIELD	F
					pH	6.6	su		FIELD	F
					Secchi Depth	3.5	feet		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.7	C		FIELD	F
					Turbidity	11.4	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Hooksett WWTF 1 15E-MER	M052-C-LF2	9/21/2010	LF2	8:15 AM	Ammonia	157.6	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	10	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	1.30	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	427.0	ug/L		SMAST	C
					Dissolved Organic Nitrogen	270.3	ug/L		SMAST	C
					Nitrates	269.4	ug/L		SMAST	C
					Orthophosphates	30.78	ug/L		SMAST	C
					Particulate Organic Carbon	217	ug/L		SMAST	C
					Particulate Organic Nitrogen	24.6	ug/L		SMAST	C
					TKN	0.453	mg/L		SMAST	C
					Total Nitrogen	0.722	mg/L		SMAST	C
					Total Phosphorus	41.36	ug/L		SMAST	C
					Total Suspended Solids	2.0	mg/L	<	EAI	C
					Winkler Dissolved Oxygen	8.3	mg/L		SMAST	C
	M052-G-LF2	9/21/2010	LF2	8:15 AM	E. coli	4	mpn/100ml		EPA	G
	M052-F-LF2	9/21/2010	LF2	3:00 PM	Field Dissolved Oxygen	8.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	98.1	%		FIELD	F
					Temperature	20.5	C		FIELD	F
					Total Water Depth	17.5	feet		FIELD	F
				8:15 AM	Conductivity	92	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	99.4	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	102	us/cm@25C		FIELD	F
					Temperature	19.7	C		FIELD	F
					Total Water Depth	18.0	feet		FIELD	F
				8:20 AM	Conductivity	91	us/cm		FIELD	F
					Field Dissolved Oxygen	8.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	97.8	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	102	us/cm@25C		FIELD	F
					Temperature	19.7	C		FIELD	F
	M052-C-LF1	7/27/2010	LF1	8:13 AM	Ammonia	25.4	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	8	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	12.80	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.41	ratio		SMAST	C
					Chlorophyll-a	5.21	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	176.6	ug/L		SMAST	C
					Dissolved Organic Nitrogen	429.1	ug/L		SMAST	C
					Nitrates	151.2	ug/L		SMAST	C
					Orthophosphates	3.00	ug/L		SMAST	C
					Particulate Organic Carbon	560	ug/L		SMAST	C
					Particulate Organic Nitrogen	85.5	ug/L		SMAST	C
					Phaeophytin	7.59	mg/L		SMAST	C
					TKN	0.540	mg/L		SMAST	C

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
	M052-C-LF1	7/27/2010	LF1	8:13 AM	Total Nitrogen	0.691	mg/L		SMAST	C
					Total Phosphorus	18.54	ug/L		SMAST	C
					Total Suspended Solids	1.9	mg/L		SMAST	C
					Winkler Dissolved Oxygen	7.4	mg/L		SMAST	C
	M052-G-LF1	7/27/2010	LF1	8:13 AM	E. coli	4	mpn/100ml		EPA	G
	M052-F-LF1	7/27/2010	LF1	8:13 AM	Conductivity	91	us/cm		FIELD	F
					Field Dissolved Oxygen	7.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	97.1	%		FIELD	F
					pH	7.1	su		FIELD	F
					Secchi Depth	9.6	feet		FIELD	F
					Specific Conductivity	89	us/cm@25C		FIELD	F
					Temperature	26.1	C		FIELD	F
					Total Water Depth	15.8	feet		FIELD	F
					Turbidity	0.4	ntu		FIELD	F
	M052-G-HF1	5/17/2012	HF1	12:25 PM	Ammonia	59.5	ug/L	(blank)	SMAST	G
					CBOD 20	3.0	mg/L	<	EAI	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	161.8	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	515.5	ug/L	(blank)	SMAST	G
					Nitrates	102.4	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	(blank)	SMAST	G
					Specific Conductivity	74	us/cm@25C	(blank)	FIELD	F
					TKN	0.575	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.7	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.839	mg/L	(blank)	SMAST	G
					Total Phosphorus	18.85	ug/L	(blank)	SMAST	G
					Total Suspended Solids	5.0	mg/L	(blank)	EAI	G
					Winkler Dissolved Oxygen	9.5	mg/L		SMAST	G
	M052-F-HF1	5/17/2012	HF1	12:18 PM	Conductivity	61	us/cm		FIELD	F
					Field Dissolved Oxygen	9.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	97.3	%		FIELD	F
					pH	6.7	su		FIELD	F
					Secchi Depth	3.1	feet		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.7	C		FIELD	F
					Total Water Depth	17.0	feet		FIELD	F
				12:44 PM	Turbidity	11.6	ntu		FIELD	F
					Conductivity	61	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	94.6	%		FIELD	F
					pH	6.7	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.7	C		FIELD	F
					Turbidity	11.2	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Hooksett WWTF 2, U/S Amoskeag 1 14X-MER	M053-G-LF2	9/21/2010	LF2	10:11 AM	Ammonia	166.0	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	10	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	1.10	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	431.4	ug/L		SMAST	G
					Dissolved Organic Nitrogen	257.9	ug/L		SMAST	G
					E. coli	4	mpn/100ml	J	EPA	G
					Nitrates	265.4	ug/L		SMAST	G
					Orthophosphates	29.96	ug/L		SMAST	G
					Particulate Organic Carbon	380	ug/L		SMAST	G
	M053-F-LF2	9/21/2010	LF2	10:11 AM	Particulate Organic Nitrogen	46.6	ug/L		SMAST	G
					TKN	0.470	mg/L		SMAST	G
					Total Nitrogen	0.736	mg/L		SMAST	G
					Total Phosphorus	37.64	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	7.9	mg/L		SMAST	G
					Conductivity	93	us/cm		FIELD	F
					Field Dissolved Oxygen	7.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	85.9	%		FIELD	F
					pH	7.2	su		FIELD	F
	M053-G-LF1	7/27/2010	LF1	7:40 AM 5:45 PM	Specific Conductivity	103	us/cm@25C		FIELD	F
					Temperature	20.0	C		FIELD	F
					Total Water Depth	18.6	feet		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
					Conductivity	94	us/cm		FIELD	F
					Field Dissolved Oxygen	7.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	86.8	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	107	us/cm@25C		FIELD	F
					Temperature	20.1	C		FIELD	F
	M053-F-LF1	7/27/2010	LF1	7:40 AM	Turbidity	1.4	ntu		FIELD	F
					E. coli	4	mpn/100ml		EPA	G
					Ammonia	1.0	ug/L	<	SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	12.98	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.64	ratio		SMAST	G
					Chlorophyll-a	8.27	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	140.7	ug/L		SMAST	G
	M053-F-LF1	7/27/2010	LF1	7:40 AM	Dissolved Organic Nitrogen	270.5	ug/L		SMAST	G
					Nitrates	140.0	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	883	ug/L		SMAST	G
					Particulate Organic Nitrogen	116.7	ug/L		SMAST	G
					Phaeophytin	4.71	mg/L		SMAST	G
					TKN	0.388	mg/L		SMAST	G
					Total Nitrogen	0.528	mg/L		SMAST	G
					Total Phosphorus	25.82	ug/L		SMAST	G
					Total Suspended Solids	2.6	mg/L		SMAST	G
	M053-F-LF1	7/27/2010	LF1	7:40 AM	Winkler Dissolved Oxygen	8.3	mg/L		SMAST	G
					Conductivity	91	us/cm		FIELD	F
					Field Dissolved Oxygen	7.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.7	%		FIELD	F
					pH	7.0	su		FIELD	F
					Specific Conductivity	89	us/cm@25C		FIELD	F
					Temperature	26.0	C		FIELD	F
					Total Water Depth	18.3	feet		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
14X-MER	M053-F-LF1	7/27/2010	LF1	7:40 AM	Turbidity	(blank)	ntu	NS	FIELD	F
				5:45 PM	Conductivity	92	us/cm		FIELD	F
					Field Dissolved Oxygen	7.4	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	92.3	%		FIELD	F
					pH	7.8	su		FIELD	F
					Secchi Depth	7.5	feet		FIELD	F
					Specific Conductivity	89	us/cm@25C		FIELD	F
					Temperature	27.0	C		FIELD	F
					Total Water Depth	18.3	feet		FIELD	F
					Turbidity	0.5	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Amoskeag 2 14B-MER	M054-C-LF2	9/21/2010	LF2	9:35 AM	Ammonia	157.6	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	10	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.00	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	401.6	ug/L		SMAST	C
					Dissolved Organic Nitrogen	348.1	ug/L		SMAST	C
					Nitrates	244.0	ug/L		SMAST	C
					Orthophosphates	22.55	ug/L		SMAST	C
					Particulate Organic Carbon	245	ug/L		SMAST	C
					Particulate Organic Nitrogen	29.5	ug/L		SMAST	C
					TKN	0.535	mg/L		SMAST	C
					Total Nitrogen	0.779	mg/L		SMAST	C
					Total Phosphorus	30.85	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L	<	EAI	C
					Winkler Dissolved Oxygen	7.3	mg/L		SMAST	C
	M054-G-LF2	9/21/2010	LF2	9:35 AM	E. coli	4	mpn/100ml	J	EPA	G
	M054-F-LF2	9/21/2010	LF2	9:35 AM	Conductivity	92	us/cm		FIELD	F
					Field Dissolved Oxygen	8.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	91.0	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	102	us/cm@25C		FIELD	F
				9:50 AM	Temperature	19.8	C		FIELD	F
					Total Water Depth	13.2	feet		FIELD	F
					Turbidity	1.4	ntu		FIELD	F
					Conductivity	92	us/cm		FIELD	F
					Field Dissolved Oxygen	8.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	89.1	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	102	us/cm@25C		FIELD	F
					Temperature	19.8	C		FIELD	F
					Turbidity	1.0	ntu		FIELD	F
	M054-C-LF1	7/27/2010	LF1	5:22 PM	Ammonia	8.0	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	8	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	13.78	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.71	ratio		SMAST	C
					Chlorophyll-a	9.74	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	136.9	ug/L		SMAST	C
					Dissolved Organic Nitrogen	445.6	ug/L		SMAST	C
					Nitrates	128.9	ug/L		SMAST	C
					Orthophosphates	3.00	ug/L		SMAST	C
					Particulate Organic Carbon	979	ug/L		SMAST	C
					Particulate Organic Nitrogen	138.0	ug/L		SMAST	C
					Phaeophytin	4.04	mg/L		SMAST	C
					TKN	0.592	mg/L		SMAST	C
	M054-G-LF1 M054-F-LF1	7/27/2010	LF1	7:30 AM	Total Nitrogen	0.720	mg/L		SMAST	C
					Total Phosphorus	25.11	ug/L		SMAST	C
					Total Suspended Solids	2.8	mg/L		SMAST	C
					Winkler Dissolved Oxygen	8.9	mg/L		SMAST	C
					E. coli	4	mpn/100ml		EPA	G
				7:30 AM	Conductivity	95	us/cm		FIELD	F
					Field Dissolved Oxygen	7.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.4	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	93	us/cm@25C		FIELD	F
					Temperature	26.3	C		FIELD	F
					Total Water Depth	13.0	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	94	us/cm		FIELD	F
				5:22 PM						

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
14B-MER	M054-F-LF1	7/27/2010	LF1	5:22 PM	Field Dissolved Oxygen	8.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	104.6	%		FIELD	F
					pH	8.1	su		FIELD	F
					Secchi Depth	7.8	feet		FIELD	F
					Specific Conductivity	90	us/cm@25C		FIELD	F
					Temperature	27.2	C		FIELD	F
	M054-G-HF1	5/17/2012	HF1	1:05 PM	Total Water Depth	13.0	feet		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
					Ammonia	58.8	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.20	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	190.2	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	245.7	ug/L	(blank)	SMAST	G
					Nitrates	131.3	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	76	us/cm@25C	(blank)	FIELD	F
					TKN	0.304	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.626	mg/L	(blank)	SMAST	G
					Total Phosphorus	14.96	ug/L	(blank)	SMAST	G
					Total Suspended Solids	7.0	mg/L	(blank)	EAI	G
	M054-F-HF1	5/17/2012	HF1	1:05 PM	Conductivity	63	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.0	%		FIELD	F
					pH	6.6	su		FIELD	F
					Secchi Depth	4.0	feet		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.9	C		FIELD	F
					Total Water Depth	15.0	feet		FIELD	F
					Turbidity	12.7	ntu		FIELD	F
				1:12 PM	Conductivity	63	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.3	%		FIELD	F
					pH	6.5	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	14.9	C		FIELD	F
					Turbidity	12.8	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Amoskeag 12-MER	M055-G-LF2	9/21/2010	LF2	5:15 PM	Ammonia	131.4	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	1.50	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	396.8	ug/L		SMAST	G
					Dissolved Organic Nitrogen	548.3	ug/L		SMAST	G
					Nitrates	265.4	ug/L		SMAST	G
					Orthophosphates	22.55	ug/L		SMAST	G
					Particulate Organic Carbon	383	ug/L		SMAST	G
					Particulate Organic Nitrogen	55.5	ug/L		SMAST	G
					TKN	0.735	mg/L		SMAST	G
					Total Nitrogen	1.001	mg/L		SMAST	G
					Total Phosphorus	33.26	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	8.5	mg/L		SMAST	G
	M055-G-LF1	7/27/2010	LF1	8:45 AM	E. coli	8	mpn/100ml		EPA	G
					Ammonia	11.2	ug/L		SMAST	G
				5:30 PM	Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	11.90	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.61	ratio		SMAST	G
					Chlorophyll-a	7.25	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	138.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	239.5	ug/L		SMAST	G
					Nitrates	127.0	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	886	ug/L		SMAST	G
					Particulate Organic Nitrogen	123.8	ug/L		SMAST	G
					Phaeophytin	4.65	mg/L		SMAST	G
					TKN	0.375	mg/L		SMAST	G
					Total Nitrogen	0.502	mg/L		SMAST	G
					Total Phosphorus	26.06	ug/L		SMAST	G
	M055-F-LF1	7/27/2010	LF1	8:43 AM	Total Suspended Solids	2.7	mg/L		SMAST	G
					Winkler Dissolved Oxygen	8.0	mg/L		SMAST	G
					Conductivity	91	us/cm		FIELD	F
					Field Dissolved Oxygen	8.2	mg/L		FIELD	F
						8.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	101.3	%		FIELD	F
						103.1	%		FIELD	F
					pH	7.3	su		FIELD	F
						7.3	su		FIELD	F
					Specific Conductivity	89	us/cm@25C		FIELD	F
				5:30 PM	Temperature	26.1	C		FIELD	F
						26.1	C		FIELD	F
					Total Water Depth	4.6	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	90	us/cm		FIELD	F
					Field Dissolved Oxygen	8.4	mg/L		FIELD	F
						8.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	104.3	%		FIELD	F
						105.5	%		FIELD	F
					pH	7.6	su		FIELD	F
						7.6	su		FIELD	F
					Specific Conductivity	86	us/cm@25C		FIELD	F
					Temperature	27.1	C		FIELD	F
						27.1	C		FIELD	F
					Total Water Depth	(blank)	feet	NS	FIELD	F
					Turbidity	0.5	ntu		FIELD	F
						0.6	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
12-MER	M055-G-HF1	5/17/2012	HF1	2:35 PM	Ammonia	66.3	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	193.1	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	233.9	ug/L	(blank)	SMAST	G
					E. coli	38	mpn/100ml	(blank)	EAI	G
					Nitrates	126.7	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Phosphorus	10.86	ug/L	(blank)	SMAST	G
					Total Suspended Solids	5.0	mg/L	(blank)	EAI	G

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Piscataquog River 03-PQG	T056-G-LF2	9/21/2010	LF2	11:20 AM	Ammonia	15.5	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.60	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	350.4	ug/L		SMAST	G
					Dissolved Organic Nitrogen	262.4	ug/L		SMAST	G
					Nitrates	334.9	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L	<	SMAST	G
					Particulate Organic Carbon	339	ug/L		SMAST	G
					Particulate Organic Nitrogen	44.4	ug/L		SMAST	G
					TKN	0.322	mg/L		SMAST	G
					Total Nitrogen	0.657	mg/L		SMAST	G
					Total Phosphorus	13.50	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
	T056-G-LF1	7/27/2010	LF1	7:50 AM 6:35 PM	Winkler Dissolved Oxygen	8.6	mg/L		SMAST	G
					E. coli	131	mpn/100ml		EPA	G
					Ammonia	13.8	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	5.92	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.64	ratio		SMAST	G
					Chlorophyll-a	3.77	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	169.3	ug/L		SMAST	G
					Dissolved Organic Nitrogen	292.6	ug/L		SMAST	G
					Nitrates	155.6	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	585	ug/L		SMAST	G
	T056-F-LF1	7/27/2010	LF1	7:50 AM	Particulate Organic Nitrogen	76.0	ug/L		SMAST	G
					Phaeophytin	2.14	mg/L		SMAST	G
					TKN	0.382	mg/L		SMAST	G
					Total Nitrogen	0.538	mg/L		SMAST	G
					Total Phosphorus	15.52	ug/L		SMAST	G
					Total Suspended Solids	1.8	mg/L		SMAST	G
					Winkler Dissolved Oxygen	7.8	mg/L		SMAST	G
					Conductivity	163	us/cm		FIELD	F
					Field Dissolved Oxygen	7.7	mg/L		FIELD	F
						7.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	88.9	%		FIELD	F
						89.6	%		FIELD	F
					pH	7.1	su		FIELD	F
						7.2	su		FIELD	F
	T056-G-HF1	5/17/2012	HF1	7:40 AM	Specific Conductivity	172	us/cm@25C		FIELD	F
					Temperature	22.3	C		FIELD	F
					Total Water Depth	1.3	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	183	us/cm		FIELD	F
					Field Dissolved Oxygen	8.0	mg/L		FIELD	F
						8.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	100.5	%		FIELD	F
					105.7	%		FIELD	F	
pH					7.4	su		FIELD	F	
					7.4	su		FIELD	F	
Specific Conductivity					175	us/cm@25C		FIELD	F	
Temperature					27.3	C		FIELD	F	
					27.3	C		FIELD	F	
Total Water Depth	(blank)	feet	NS	FIELD	F					
Turbidity	1.1	ntu		FIELD	F					
	1.2	ntu		FIELD	F					
	48.2	ug/L	(blank)	SMAST	G					

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
03-PQG	T056-G-HF1	5/17/2012	HF1	7:40 AM	CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	126.8	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	331.2	ug/L	(blank)	SMAST	G
					Nitrates	78.6	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Total Dissolved Nitrogen	0.5	mg/L	(blank)	SMAST	G
					Total Phosphorus	7.99	ug/L	(blank)	SMAST	G
					Total Suspended Solids	2.0	mg/L	(blank)	EAI	G

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code		
U/S Manchester WWTF 09-MER	M057-G-LF2	9/21/2010	LF2	5:30 PM	Ammonia	100.0	ug/L		SMAST	G		
					Carbon to Nitrogen Ratio	11	ratio		SMAST	G		
					CBOD 5	3.0	mg/L	<	EAI	G		
					Chlorophyll-a	1.30	ug/L		EAI	G		
					Dissolved Inorganic Nitrogen	388.2	ug/L		SMAST	G		
					Dissolved Organic Nitrogen	349.4	ug/L		SMAST	G		
					Nitrates	288.1	ug/L		SMAST	G		
					Orthophosphates	19.25	ug/L		SMAST	G		
					Particulate Organic Carbon	342	ug/L		SMAST	G		
					Particulate Organic Nitrogen	36.0	ug/L		SMAST	G		
					TKN	0.486	mg/L		SMAST	G		
					Total Nitrogen	0.774	mg/L		SMAST	G		
					Total Phosphorus	28.45	ug/L		SMAST	G		
					Total Suspended Solids	1.0	mg/L	<	EAI	G		
					Winkler Dissolved Oxygen	9.2	mg/L		SMAST	G		
	M057-F-LF2	9/21/2010	LF2	5:15 AM	Conductivity	105	us/cm		FIELD	F		
					Field Dissolved Oxygen	9.9	mg/L		FIELD	F		
					Field Dissolved Oxygen Percent	110.1	%		FIELD	F		
					pH	7.7	su		FIELD	F		
					Specific Conductivity	116	us/cm@25C		FIELD	F		
					Temperature	20.3	C		FIELD	F		
					Total Water Depth	7.5	feet		FIELD	F		
				5:30 AM	Turbidity	0.2	ntu		FIELD	F		
					Conductivity	105	us/cm		FIELD	F		
					Field Dissolved Oxygen	9.7	mg/L		FIELD	F		
					Field Dissolved Oxygen Percent	107.0	%		FIELD	F		
					pH	7.6	su		FIELD	F		
					Specific Conductivity	115	us/cm@25C		FIELD	F		
					Temperature	20.3	C		FIELD	F		
					Turbidity	0.6	ntu		FIELD	F		
	M057-G-LF1	7/27/2010	LF1	8:15 PM	Ammonia	8.6	ug/L		SMAST	G		
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G		
					CBOD 20	(blank)	mg/L	NS	SMAST	G		
					CBOD 5	2.0	mg/L	<	SMAST	G		
					Chl-a + Phaeo.	10.20	mg/L		SMAST	G		
					Chl-a to Chl-a + Phaeo. Ratio	0.62	ratio		SMAST	G		
					Chlorophyll-a	6.34	ug/L		SMAST	G		
					Dissolved Inorganic Nitrogen	160.6	ug/L		SMAST	G		
					Dissolved Organic Nitrogen	322.5	ug/L		SMAST	G		
					Nitrates	152.0	ug/L		SMAST	G		
					Orthophosphates	3.00	ug/L		SMAST	G		
					Particulate Organic Carbon	764	ug/L		SMAST	G		
					Particulate Organic Nitrogen	107.3	ug/L		SMAST	G		
					Phaeophytin	3.86	mg/L		SMAST	G		
					TKN	0.438	mg/L		SMAST	G		
	Total Nitrogen			0.590	mg/L		SMAST	G				
	Total Phosphorus			20.26	ug/L		SMAST	G				
	Total Suspended Solids			2.7	mg/L		SMAST	G				
	Winkler Dissolved Oxygen			8.2	mg/L		SMAST	G				
	M057-F-LF1			7/27/2010	LF1	8:15 PM	Conductivity	96	us/cm		FIELD	F
							Field Dissolved Oxygen	8.2	mg/L		FIELD	F
								8.3	mg/L		FIELD	F
							Field Dissolved Oxygen Percent	103.4	%		FIELD	F
								104.2	%		FIELD	F
							pH	7.7	su		FIELD	F
								7.7	su		FIELD	F
							Specific Conductivity	92	us/cm@25C		FIELD	F
							Temperature	27.3	C		FIELD	F
								27.3	C		FIELD	F
							Total Water Depth	5.0	feet		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
09-MER	M057-F-LF1	7/27/2010	LF1	8:15 PM	Turbidity	0.7	ntu		FIELD	F
						0.8	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Manchester WWTF 1 08-MER	M058-C-LF2	9/21/2010	LF2	8:00 AM	Ammonia	110.3	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	11	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	6.00	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	411.1	ug/L		SMAST	C
					Dissolved Organic Nitrogen	270.2	ug/L		SMAST	C
					Nitrates	300.8	ug/L		SMAST	C
					Orthophosphates	20.90	ug/L		SMAST	C
					Particulate Organic Carbon	1247	ug/L		SMAST	C
					Particulate Organic Nitrogen	132.7	ug/L		SMAST	C
					TKN	0.513	mg/L		SMAST	C
					Total Nitrogen	0.814	mg/L		SMAST	C
					Total Phosphorus	47.48	ug/L		SMAST	C
					Total Suspended Solids	12.0	mg/L		EAI	C
					Winkler Dissolved Oxygen	NS	mg/L	NS	SMAST	C
	M058-G-LF2	9/21/2010	LF2	8:00 AM	E. coli	87	mpn/100ml		EPA	G
	M058-F-LF2	9/21/2010	LF2	4:30 AM	Conductivity	111	us/cm		FIELD	F
					Field Dissolved Oxygen	10.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	120.2	%		FIELD	F
					pH	8.8	su		FIELD	F
					Specific Conductivity	121	us/cm@25C		FIELD	F
					Temperature	20.4	C		FIELD	F
					Total Water Depth	2.1	feet		FIELD	F
					Turbidity	0.6	ntu		FIELD	F
				4:31 AM	Conductivity	111	us/cm		FIELD	F
					Field Dissolved Oxygen	10.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	120.8	%		FIELD	F
					pH	8.8	su		FIELD	F
					Specific Conductivity	121	us/cm@25C		FIELD	F
					Temperature	20.4	C		FIELD	F
				8:00 AM	Turbidity	0.7	ntu		FIELD	F
					Conductivity	108	us/cm		FIELD	F
					Field Dissolved Oxygen	8.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	87.1	%		FIELD	F
				8:05 AM	pH	7.6	su		FIELD	F
					Specific Conductivity	123	us/cm@25C		FIELD	F
					Temperature	18.7	C		FIELD	F
					Total Water Depth	2.1	feet		FIELD	F
					Conductivity	108	us/cm		FIELD	F
					Field Dissolved Oxygen	8.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	86.7	%		FIELD	F
					pH	7.6	su		FIELD	F
					Specific Conductivity	123	us/cm@25C		FIELD	F
					Temperature	18.7	C		FIELD	F
	M058-C-LF1	7/27/2010	LF1	5:45 PM	Ammonia	9.9	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	8	ratio		SMAST	C
					CBOD 20	2.0	mg/L	<	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	9.04	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.68	ratio		SMAST	C
					Chlorophyll-a	6.12	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	195.7	ug/L		SMAST	C
					Dissolved Organic Nitrogen	223.9	ug/L		SMAST	C
					Nitrates	185.8	ug/L		SMAST	C
					Orthophosphates	3.00	ug/L		SMAST	C
					Particulate Organic Carbon	1522	ug/L		SMAST	C
					Particulate Organic Nitrogen	230.8	ug/L		SMAST	C
					Phaeophytin	2.92	mg/L		SMAST	C
					TKN	0.465	mg/L		SMAST	C
					Total Nitrogen	0.650	mg/L		SMAST	C

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
08-MER	M058-C-LF1	7/27/2010	LF1	5:45 PM	Total Phosphorus	21.12	ug/L		SMAST	C
					Total Suspended Solids	5.0	mg/L		SMAST	C
					Winkler Dissolved Oxygen	8.2	mg/L		SMAST	C
	M058-G-LF1	7/27/2010	LF1	7:02 AM	E. coli	85	mpn/100ml		EPA	G
	M058-F-LF1	7/27/2010	LF1	6:30 AM	Conductivity	100	us/cm		FIELD	F
					Field Dissolved Oxygen	7.5	mg/L		FIELD	F
						8.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	92.3	%		FIELD	F
						92.4	%		FIELD	F
					pH	7.1	su		FIELD	F
						7.5	su		FIELD	F
					Specific Conductivity	99	us/cm@25C		FIELD	F
						100	us/cm@25C		FIELD	F
					Temperature	25.4	C		FIELD	F
						25.4	C		FIELD	F
					Total Water Depth	1.8	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	104	us/cm		FIELD	F
					Field Dissolved Oxygen	8.8	mg/L		FIELD	F
						8.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	110.6	%		FIELD	F
						112.7	%		FIELD	F
					pH	8.2	su		FIELD	F
						8.2	su		FIELD	F
					Specific Conductivity	99	us/cm@25C		FIELD	F
					Temperature	27.4	C		FIELD	F
						27.4	C		FIELD	F
					Total Water Depth	1.8	feet		FIELD	F
					Turbidity	0.3	ntu		FIELD	F
						0.4	ntu		FIELD	F
	M058-G-HF1	5/17/2012	HF1	8:50 AM	Ammonia	67.0	ug/L	(blank)	SMAST	G
					CBOD 20	3.0	mg/L	<	EAI	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	181.0	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	225.6	ug/L	(blank)	SMAST	G
					Nitrates	114.0	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	60	us/cm@25C	(blank)	FIELD	F
					TKN	0.293	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.588	mg/L	(blank)	SMAST	G
					Total Phosphorus	16.19	ug/L	(blank)	SMAST	G
					Total Suspended Solids	11.0	mg/L		EAI	G
					Winkler Dissolved Oxygen	9.4	mg/L		SMAST	G
	M058-F-HF1	5/17/2012	HF1	4:14 PM	Conductivity	51	us/cm		FIELD	F
					Field Dissolved Oxygen	10.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	107.1	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	62	us/cm@25C		FIELD	F
					Temperature	16.0	C		FIELD	F
				4:17 PM	Turbidity	2.4	ntu		FIELD	F
					Conductivity	51	us/cm		FIELD	F
					Field Dissolved Oxygen	10.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	106.6	%		FIELD	F
					pH	7.0	su		FIELD	F
					Specific Conductivity	62	us/cm@25C		FIELD	F
					Temperature	16.0	C		FIELD	F
					Turbidity	2.2	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Cohas Brook 01E-COH	T059-G-LF2	9/21/2010	LF2	8:15 AM	Ammonia	21.6	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	0	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	3.00	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	86.4	ug/L		SMAST	G
					Dissolved Organic Nitrogen	337.3	ug/L		SMAST	G
					Nitrates	64.8	ug/L		SMAST	G
					Orthophosphates	3.88	ug/L		SMAST	G
					Particulate Organic Carbon	0	ug/L		SMAST	G
					Particulate Organic Nitrogen	0	ug/L		SMAST	G
					TKN	0.359	mg/L		SMAST	G
					Total Nitrogen	0.424	mg/L		SMAST	G
					Total Phosphorus	18.00	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L		EAI	G
	T059-F-LF2	9/21/2010	LF2	9:15 AM	Winkler Dissolved Oxygen	8.3	mg/L		SMAST	G
					E. coli	138	mpn/100ml	J	EPA	G
				8:15 AM	Conductivity	393	us/cm		FIELD	F
					Field Dissolved Oxygen	8.7	mg/L		FIELD	F
				8:30 AM	Field Dissolved Oxygen Percent	60.5	%		FIELD	F
					pH	7.5	su		FIELD	F
					Specific Conductivity	462	us/cm@25C		FIELD	F
					Temperature	17.2	C		FIELD	F
					Total Water Depth	1.1	feet		FIELD	F
					Turbidity	0.1	ntu		FIELD	F
					Conductivity	393	us/cm		FIELD	F
					Field Dissolved Oxygen	8.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	90.6	%		FIELD	F
					pH	7.5	su		FIELD	F
					Specific Conductivity	462	us/cm@25C		FIELD	F
					Temperature	17.2	C		FIELD	F
					Turbidity	0.1	ntu		FIELD	F
	T059-G-LF1	7/27/2010	LF1	5:10 PM	Ammonia	15.1	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	10	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	3.28	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.41	ratio		SMAST	G
					Chlorophyll-a	1.36	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	87.5	ug/L		SMAST	G
					Dissolved Organic Nitrogen	378.6	ug/L		SMAST	G
					Nitrates	72.4	ug/L		SMAST	G
					Orthophosphates	6.20	ug/L		SMAST	G
					Particulate Organic Carbon	377	ug/L		SMAST	G
					Particulate Organic Nitrogen	46.1	ug/L		SMAST	G
					Phaeophytin	1.93	mg/L		SMAST	G
					TKN	0.440	mg/L		SMAST	G
	T059-F-LF1	7/27/2010	LF1	5:10 PM	Total Nitrogen	0.512	mg/L		SMAST	G
					Total Phosphorus	20.04	ug/L		SMAST	G
					Total Suspended Solids	1.9	mg/L		SMAST	G
					Winkler Dissolved Oxygen	7.7	mg/L		SMAST	G
					Conductivity	424	us/cm		FIELD	F
					Field Dissolved Oxygen	7.2	mg/L		FIELD	F
						7.4	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	89.3	%		FIELD	F
						91.8	%		FIELD	F
					pH	7.4	su		FIELD	F
						7.4	su		FIELD	F
					Specific Conductivity	412	us/cm@25C		FIELD	F
					Temperature	26.6	C		FIELD	F
						26.6	C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01E-COH	T059-F-LF1	7/27/2010	LF1	5:10 PM	Total Water Depth	(blank)	feet	NS	FIELD	F
					Turbidity	0.8	ntu		FIELD	F
						1.2	ntu		FIELD	F
	T059-G-HF1	5/17/2012	HF1	10:00 AM	Ammonia	40.7	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	106.2	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	400.6	ug/L	(blank)	SMAST	G
					Nitrates	65.4	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	167	us/cm@25C	(blank)	FIELD	F
					TKN	0.441	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.5	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.613	mg/L	(blank)	SMAST	G
					Total Phosphorus	16.80	ug/L	(blank)	SMAST	G
					Total Suspended Solids	2.0	mg/L		EAI	G
					Conductivity	149	us/cm		FIELD	F
					Field Dissolved Oxygen	9.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	102.5	%		FIELD	F
	T059-F-HF1	5/17/2012	HF1	4:28 PM	pH	7.1	su		FIELD	F
					Specific Conductivity	168	us/cm@25C		FIELD	F
					Temperature	19.0	C		FIELD	F
					Total Water Depth	5.0	feet		FIELD	F
					Turbidity	0.9	ntu		FIELD	F
					Conductivity	149	us/cm		FIELD	F
				4:33 PM	Field Dissolved Oxygen	9.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	102.7	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	168	us/cm@25C		FIELD	F
					Temperature	19.0	C		FIELD	F
					Turbidity	1.0	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Manchester WWTF 2 07AX-MER	M060-G-LF2	9/21/2010	LF2	10:00 AM	Ammonia	320.3	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.20	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	643.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	303.7	ug/L		SMAST	G
					E. coli	44	mpn/100ml	J	EPA	G
					Nitrates	322.9	ug/L		SMAST	G
					Orthophosphates	54.67	ug/L		SMAST	G
					Particulate Organic Carbon	407	ug/L		SMAST	G
					Particulate Organic Nitrogen	62.8	ug/L		SMAST	G
					TKN	0.687	mg/L		SMAST	G
					Total Nitrogen	1.010	mg/L		SMAST	G
					Total Phosphorus	64.33	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	9.7	mg/L		SMAST	G
	M060-F-LF2	9/21/2010	LF2	10:00 AM	Conductivity	118	us/cm		FIELD	F
					Field Dissolved Oxygen	8.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	90.9	%		FIELD	F
					pH	7.6	su		FIELD	F
					Specific Conductivity	134	us/cm@25C		FIELD	F
					Temperature	18.9	C		FIELD	F
				10:01 AM	Total Water Depth	5.8	feet		FIELD	F
					Turbidity	0.5	ntu		FIELD	F
					Conductivity	118	us/cm		FIELD	F
					Field Dissolved Oxygen	8.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	91.0	%		FIELD	F
					pH	7.6	su		FIELD	F
					Specific Conductivity	134	us/cm@25C		FIELD	F
					Temperature	18.9	C		FIELD	F
					Turbidity	0.5	ntu		FIELD	F
	M060-G-LF1	7/27/2010	LF1	4:15 PM	Ammonia	338.3	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	12	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	9.40	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.61	ratio		SMAST	G
					Chlorophyll-a	5.78	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	551.5	ug/L		SMAST	G
					Dissolved Organic Nitrogen	257.2	ug/L		SMAST	G
					Nitrates	213.2	ug/L		SMAST	G
					Orthophosphates	35.31	ug/L		SMAST	G
					Particulate Organic Carbon	2127	ug/L		SMAST	G
					Particulate Organic Nitrogen	208.5	ug/L		SMAST	G
					Phaeophytin	3.62	mg/L		SMAST	G
					TKN	0.804	mg/L		SMAST	G
					Total Nitrogen	1.017	mg/L		SMAST	G
					Total Phosphorus	73.91	ug/L		SMAST	G
	M060-F-LF1	7/27/2010	LF1	4:15 PM	Total Suspended Solids	6.4	mg/L		SMAST	G
					Winkler Dissolved Oxygen	8.5	mg/L		SMAST	G
					Conductivity	124	us/cm		FIELD	F
						125	us/cm		FIELD	F
					Field Dissolved Oxygen	9.0	mg/L		FIELD	F
						9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	113.4	%		FIELD	F
						115.1	%		FIELD	F
					pH	7.9	su		FIELD	F
						8.0	su		FIELD	F
					Specific Conductivity	118	us/cm@25C		FIELD	F
						120	us/cm@25C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
07AX-MER	M060-F-LF1	7/27/2010	LF1	4:15 PM	Temperature	27.4	C		FIELD	F
						27.4	C		FIELD	F
					Total Water Depth	2.0	feet		FIELD	F
					Turbidity	0.5	ntu		FIELD	F
						0.6	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Derry WWTF 07A-MER	M061-G-LF2	9/21/2010	LF2	12:45 PM	Ammonia	417.1	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	1.80	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	753.4	ug/L		SMAST	G
					Dissolved Organic Nitrogen	358.4	ug/L		SMAST	G
					E. coli	39	mpn/100ml		EPA	G
					Nitrates	336.3	ug/L		SMAST	G
					Orthophosphates	66.20	ug/L		SMAST	G
					Particulate Organic Carbon	406	ug/L		SMAST	G
					Particulate Organic Nitrogen	59.6	ug/L		SMAST	G
					TKN	0.835	mg/L		SMAST	G
					Total Nitrogen	1.171	mg/L		SMAST	G
					Total Phosphorus	82.06	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L	<	EAI	G
					Winkler Dissolved Oxygen	8.7	mg/L		SMAST	G
	M061-F-LF2	9/21/2010	LF2	11:40 AM	Conductivity	125	us/cm		FIELD	F
					Field Dissolved Oxygen	9.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	99.4	%		FIELD	F
					pH	7.6	su		FIELD	F
					Specific Conductivity	139	us/cm@25C		FIELD	F
					Temperature	19.5	C		FIELD	F
				12:41 PM	Total Water Depth	8.5	feet		FIELD	F
					Turbidity	0.7	ntu		FIELD	F
					Conductivity	124	us/cm		FIELD	F
					Field Dissolved Oxygen	9.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	99.6	%		FIELD	F
					pH	7.6	su		FIELD	F
	M061-G-LF1	7/27/2010	LF1	2:00 PM	Specific Conductivity	139	us/cm@25C		FIELD	F
					Temperature	19.5	C		FIELD	F
					Turbidity	0.7	ntu		FIELD	F
					Ammonia	247.9	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	7	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	10.74	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.64	ratio		SMAST	G
					Chlorophyll-a	6.91	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	477.6	ug/L		SMAST	G
					Dissolved Organic Nitrogen	282.5	ug/L		SMAST	G
					E. coli	25	mpn/100ml		EPA	G
					Nitrates	229.7	ug/L		SMAST	G
					Orthophosphates	22.32	ug/L		SMAST	G
					Particulate Organic Carbon	811	ug/L		SMAST	G
					Particulate Organic Nitrogen	143.7	ug/L		SMAST	G
	M061-F-LF1	7/27/2010	LF1	2:00 PM	Phaeophytin	3.83	mg/L		SMAST	G
					TKN	0.674	mg/L		SMAST	G
					Total Nitrogen	0.904	mg/L		SMAST	G
					Total Phosphorus	65.39	ug/L		SMAST	G
					Total Suspended Solids	2.7	mg/L		SMAST	G
					Winkler Dissolved Oxygen	8.6	mg/L		SMAST	G
					Conductivity	118	us/cm		FIELD	F
					Field Dissolved Oxygen	8.8	mg/L		FIELD	F
						9.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	109.9	%		FIELD	F
						112.4	%		FIELD	F
					pH	7.7	su		FIELD	F
						7.8	su		FIELD	F
					Specific Conductivity	114	us/cm@25C		FIELD	F
					Temperature	26.9	C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code	
07A-MER	M061-F-LF1	7/27/2010	LF1	2:00 PM	Temperature	27.0	C		FIELD	F	
					Total Water Depth	2.0	feet		FIELD	F	
					Turbidity	0.4	ntu		FIELD	F	
	M061-G-HF1	5/17/2012	HF1	11:10 AM	Ammonia	71.4	ug/L	(blank)	SMAST	G	
					CBOD 5	3.0	mg/L	<	EAI	G	
					Chlorophyll-a	2.60	mg/L		EAI	G	
					Dissolved Inorganic Nitrogen	166.0	ug/L	(blank)	SMAST	G	
					Dissolved Organic Nitrogen	230.9	ug/L	(blank)	SMAST	G	
					Nitrates	94.6	ug/L	(blank)	SMAST	G	
					Orthophosphate	0.00	mg/L	(blank)	SMAST	G	
					Specific Conductivity	63	us/cm@25C	(blank)	FIELD	F	
					TKN	0.302	mg/L	(blank)	SMAST	G	
					Total Dissolved Nitrogen	0.4	mg/L	(blank)	SMAST	G	
	Total Nitrogen	0.563	mg/L	(blank)	SMAST	G					
	Total Phosphorus	25.39	ug/L	(blank)	SMAST	G					
		M061-F-HF1	5/17/2012	HF1	11:20 AM	Total Suspended Solids	6.0	mg/L	(blank)	EAI	G
						Conductivity	53	us/cm		FIELD	F
						Field Dissolved Oxygen	10.4	mg/L		FIELD	F
						Field Dissolved Oxygen Percent	103.5	%		FIELD	F
						pH	8.1	su		FIELD	F
Specific Conductivity						65	us/cm@25C		FIELD	F	
Temperature						15.4	C		FIELD	F	
					11:23 AM	Total Water Depth	5.0	feet		FIELD	F
						Turbidity	2.0	ntu		FIELD	F
						Conductivity	53	us/cm		FIELD	F
						Field Dissolved Oxygen	10.4	mg/L		FIELD	F
						Field Dissolved Oxygen Percent	103.5	%		FIELD	F
						pH	7.7	su		FIELD	F
						Specific Conductivity	65	us/cm@25C		FIELD	F
						Temperature	15.4	C		FIELD	F
						Turbidity	2.1	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Derry WWTF 1 06K-MER	M062-C-LF2	9/21/2010	LF2	6:45 AM	Ammonia	323.9	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	8	ratio		SMAST	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.90	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	743.0	ug/L		SMAST	C
					Dissolved Organic Nitrogen	368.8	ug/L		SMAST	C
					Nitrates	419.2	ug/L		SMAST	C
					Orthophosphates	70.32	ug/L		SMAST	C
					Particulate Organic Carbon	433	ug/L		SMAST	C
					Particulate Organic Nitrogen	59.8	ug/L		SMAST	C
					TKN	0.753	mg/L		SMAST	C
					Total Nitrogen	1.172	mg/L		SMAST	C
					Total Phosphorus	83.37	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L	<	EAI	C
					Winkler Dissolved Oxygen	8.1	mg/L		SMAST	C
	M062-G-LF2	9/21/2010	LF2	6:45 AM	E. coli	48	mpn/100ml	J	EPA	G
	M062-F-LF2	9/21/2010	LF2	3:45 AM	Conductivity	127	us/cm		FIELD	F
					Field Dissolved Oxygen	9.4	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	102.8	%		FIELD	F
					pH	7.8	su		FIELD	F
					Specific Conductivity	141	us/cm@25C		FIELD	F
				Temperature	19.6	C		FIELD	F	
				Total Water Depth	20.0	feet		FIELD	F	
				Turbidity	0.7	ntu		FIELD	F	
				Conductivity	126	us/cm		FIELD	F	
				Field Dissolved Oxygen	9.4	mg/L		FIELD	F	
				Field Dissolved Oxygen Percent	102.1	%		FIELD	F	
				pH	7.7	su		FIELD	F	
				Specific Conductivity	141	us/cm@25C		FIELD	F	
				Temperature	19.6	C		FIELD	F	
				Turbidity	0.7	ntu		FIELD	F	
				Conductivity	126	us/cm		FIELD	F	
				Field Dissolved Oxygen	8.3	mg/L		FIELD	F	
				Field Dissolved Oxygen Percent	88.9	%		FIELD	F	
				pH	7.8	su		FIELD	F	
				Specific Conductivity	142	us/cm@25C		FIELD	F	
				Temperature	19.0	C		FIELD	F	
				Total Water Depth	20.0	feet		FIELD	F	
				Conductivity	126	us/cm		FIELD	F	
				Field Dissolved Oxygen	8.3	mg/L		FIELD	F	
				Field Dissolved Oxygen Percent	89.1	%		FIELD	F	
				pH	7.7	su		FIELD	F	
				Specific Conductivity	142	us/cm@25C		FIELD	F	
	Temperature	19.0	C		FIELD	F				
	M062-C-LF1	7/27/2010	LF1	7:34 PM	Ammonia	140.2	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	8	ratio		SMAST	C
					CBOD 20	(blank)	mg/L	NS	SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	12.35	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.73	ratio		SMAST	C
					Chlorophyll-a	9.06	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	409.6	ug/L		SMAST	C
					Dissolved Organic Nitrogen	394.9	ug/L		SMAST	C
					Nitrates	269.3	ug/L		SMAST	C
					Orthophosphates	13.95	ug/L		SMAST	C
					Particulate Organic Carbon	1330	ug/L		SMAST	C
					Particulate Organic Nitrogen	185.4	ug/L		SMAST	C
					Phaeophytin	3.29	mg/L		SMAST	C
					TKN	0.721	mg/L		SMAST	C
					Total Nitrogen	0.990	mg/L		SMAST	C

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
06K-MER	M062-C-LF1	7/27/2010	LF1	7:34 PM	Total Phosphorus	62.07	ug/L		SMAST	C
					Total Suspended Solids	4.6	mg/L		SMAST	C
					Winkler Dissolved Oxygen	7.2	mg/L		SMAST	C
	M062-G-LF1	7/27/2010	LF1	12:00 PM	E. coli	30	mpn/100ml		EPA	G
	M062-F-LF1	7/27/2010	LF1	9:30 AM	Conductivity	108	us/cm		FIELD	F
					Field Dissolved Oxygen	8.0	mg/L		FIELD	F
						8.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	98.5	%		FIELD	F
						100.6	%		FIELD	F
					pH	7.1	su		FIELD	F
						7.1	su		FIELD	F
					Specific Conductivity	106	us/cm@25C		FIELD	F
					Temperature	25.7	C		FIELD	F
						25.9	C		FIELD	F
					Total Water Depth	1.5	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
				7:34 PM	Conductivity	126	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	114.4	%		FIELD	F
					pH	8.0	su		FIELD	F
					Secchi Depth	7.0	feet		FIELD	F
					Specific Conductivity	121	us/cm@25C		FIELD	F
					Temperature	26.9	C		FIELD	F
					Total Water Depth	16.0	feet		FIELD	F
					Turbidity	0.5	ntu		FIELD	F
	M062-G-HF1	5/17/2012	HF1	12:50 PM	Ammonia	85.6	ug/L	(blank)	SMAST	G
					CBOD 20	3.0	mg/L	<	EAI	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	190.1	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	363.2	ug/L	(blank)	SMAST	G
					Nitrates	104.5	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	65	us/cm@25C	(blank)	FIELD	F
					TKN	0.449	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.6	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.743	mg/L	(blank)	SMAST	G
					Total Phosphorus	23.69	ug/L	(blank)	SMAST	G
					Total Suspended Solids	7.0	mg/L	(blank)	EAI	G
					Winkler Dissolved Oxygen	9.4	mg/L		SMAST	G
	M062-F-HF1	5/17/2012	HF1	1:03 PM	Conductivity	54	us/cm		FIELD	F
					Field Dissolved Oxygen	10.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	105.7	%		FIELD	F
					pH	7.9	su		FIELD	F
					Specific Conductivity	66	us/cm@25C		FIELD	F
				1:06 PM	Temperature	15.7	C		FIELD	F
					Turbidity	1.7	ntu		FIELD	F
					Conductivity	55	us/cm		FIELD	F
					Field Dissolved Oxygen	10.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	105.6	%		FIELD	F
					pH	7.7	su		FIELD	F
					Specific Conductivity	66	us/cm@25C		FIELD	F
					Temperature	15.7	C		FIELD	F
					Turbidity	1.8	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Souhegan River 01-SHG	T064-G-LF2	9/21/2010	LF2	2:15 PM	Ammonia	60.8	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	6.10	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	712.7	ug/L		SMAST	G
					Dissolved Organic Nitrogen	375.0	ug/L		SMAST	G
					E. coli	2190	mpn/100ml		EPA	G
					Nitrates	651.8	ug/L		SMAST	G
					Orthophosphates	17.60	ug/L		SMAST	G
					Particulate Organic Carbon	541	ug/L		SMAST	G
					Particulate Organic Nitrogen	76.8	ug/L		SMAST	G
					TKN	0.513	mg/L		SMAST	G
					Total Nitrogen	1.164	mg/L		SMAST	G
					Total Phosphorus	42.67	ug/L		SMAST	G
					Total Suspended Solids	3.0	mg/L		EAI	G
					Winkler Dissolved Oxygen	11.1	mg/L		SMAST	G
	T064-F-LF2	9/21/2010	LF2	2:15 PM	Conductivity	233	us/cm		FIELD	F
					Field Dissolved Oxygen	10.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	111.1	%		FIELD	F
					pH	7.9	su		FIELD	F
					Specific Conductivity	273	us/cm@25C		FIELD	F
					Temperature	17.4	C		FIELD	F
					Total Water Depth	1.3	feet		FIELD	F
					Turbidity	1.4	ntu		FIELD	F
				2:20 PM	Conductivity	233	us/cm		FIELD	F
					Field Dissolved Oxygen	10.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	111.3	%		FIELD	F
					pH	7.9	su		FIELD	F
					Specific Conductivity	273	us/cm@25C		FIELD	F
					Temperature	17.4	C		FIELD	F
					Turbidity	1.6	ntu		FIELD	F
	T064-G-LF1	7/27/2010	LF1	5:35 AM	E. coli	54	mpn/100ml	J	EPA	G
				8:20 PM	Ammonia	13.8	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	7.56	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.58	ratio		SMAST	G
					Chlorophyll-a	4.36	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	412.7	ug/L		SMAST	G
					Dissolved Organic Nitrogen	324.1	ug/L		SMAST	G
					Nitrates	399.0	ug/L		SMAST	G
					Orthophosphates	13.95	ug/L		SMAST	G
					Particulate Organic Carbon	618	ug/L		SMAST	G
					Particulate Organic Nitrogen	83.9	ug/L		SMAST	G
					Phaeophytin	3.20	mg/L		SMAST	G
					TKN	0.422	mg/L		SMAST	G
					Total Nitrogen	0.821	mg/L		SMAST	G
					Total Phosphorus	42.41	ug/L		SMAST	G
					Total Suspended Solids	3.6	mg/L		SMAST	G
	T064-F-LF1	7/27/2010	LF1	5:35 AM	Winkler Dissolved Oxygen	7.7	mg/L		SMAST	G
					Conductivity	206	us/cm		FIELD	F
					Field Dissolved Oxygen	8.6	mg/L		FIELD	F
						8.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	97.6	%		FIELD	F
						97.7	%		FIELD	F
					pH	7.5	su		FIELD	F
						7.8	su		FIELD	F
					Specific Conductivity	222	us/cm@25C		FIELD	F
					Temperature	21.2	C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01-SHG	T064-F-LF1	7/27/2010	LF1	5:35 AM	Temperature	21.2	C		FIELD	F
					Total Water Depth	1.3	feet		FIELD	F
				8:20 PM	Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	(blank)	us/cm	NS	FIELD	F
					Field Dissolved Oxygen	6.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	79.7	%		FIELD	F
						79.8	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C	NS	FIELD	F
					Temperature	24.1	C		FIELD	F
						24.2	C		FIELD	F
					Total Water Depth	1.3	feet		FIELD	F
					Turbidity	0.8	ntu		FIELD	F
	T064-G-HF1	5/17/2012	HF1	2:05 PM		1.3	ntu		FIELD	F
					Ammonia	23.2	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	199.7	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	564.0	ug/L	(blank)	SMAST	G
					E. coli	111	mpn/100ml		EAI	G
					Nitrates	176.5	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	(blank)	SMAST	G
					Specific Conductivity	94	us/cm@25C	(blank)	FIELD	F
					TKN	0.587	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.8	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.963	mg/L	(blank)	SMAST	G
	T064-F-HF1	5/17/2012	HF1	2:15 PM	Total Phosphorus	25.82	ug/L	(blank)	SMAST	G
					Total Suspended Solids	4.0	mg/L		EAI	G
					Conductivity	81	us/cm		FIELD	F
					Field Dissolved Oxygen	9.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	102.7	%		FIELD	F
					pH	7.6	su		FIELD	F
				2:19 PM	Specific Conductivity	95	us/cm@25C		FIELD	F
					Temperature	17.6	C		FIELD	F
					Total Water Depth	6.0	feet		FIELD	F
					Turbidity	2.0	ntu		FIELD	F
					Conductivity	82	us/cm		FIELD	F
					Field Dissolved Oxygen	9.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	102.9	%		FIELD	F
					pH	7.5	su		FIELD	F
					Specific Conductivity	95	us/cm@25C		FIELD	F
					Temperature	17.6	C		FIELD	F
					Turbidity	1.8	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Merrimack WWTF 04AM-MER	M065-G-LF2	9/21/2010	LF2	11:00 AM	Ammonia	183.9	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.00	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	608.4	ug/L		SMAST	G
					Dissolved Organic Nitrogen	320.3	ug/L		SMAST	G
					E. coli	4	mpn/100ml	<	EPA	G
					Nitrates	424.5	ug/L		SMAST	G
					Orthophosphates	47.26	ug/L		SMAST	G
					Particulate Organic Carbon	444	ug/L		SMAST	G
					Particulate Organic Nitrogen	64.8	ug/L		SMAST	G
					TKN	0.569	mg/L		SMAST	G
					Total Nitrogen	0.994	mg/L		SMAST	G
					Total Phosphorus	65.21	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L		EAI	G
					Winkler Dissolved Oxygen	8.1	mg/L		SMAST	G
	M065-F-LF2	9/21/2010	LF2	10:26 AM	Conductivity	124	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	98.9	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	141	us/cm@25C		FIELD	F
					Temperature	18.9	C		FIELD	F
				11:35 AM	Total Water Depth	10.0	feet		FIELD	F
					Turbidity	0.6	ntu		FIELD	F
					Conductivity	125	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	98.9	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	141	us/cm@25C		FIELD	F
					Temperature	19.2	C		FIELD	F
					Turbidity	0.3	ntu		FIELD	F
	M065-G-LF1	7/27/2010	LF1	9:00 AM	Ammonia	108.9	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	7	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	23.27	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.54	ratio		SMAST	G
					Chlorophyll-a	12.46	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	375.3	ug/L		SMAST	G
					Dissolved Organic Nitrogen	255.8	ug/L		SMAST	G
					Nitrates	266.5	ug/L		SMAST	G
					Orthophosphates	6.20	ug/L		SMAST	G
					Particulate Organic Carbon	1109	ug/L		SMAST	G
					Particulate Organic Nitrogen	175.6	ug/L		SMAST	G
					Phaeophytin	10.81	mg/L		SMAST	G
					TKN	0.540	mg/L		SMAST	G
					Total Nitrogen	0.807	mg/L		SMAST	G
					Total Phosphorus	43.83	ug/L		SMAST	G
	M065-F-LF1	7/27/2010	LF1	10:55 AM	Total Suspended Solids	3.6	mg/L		SMAST	G
				9:00 AM	Winkler Dissolved Oxygen	8.1	mg/L		SMAST	G
					E. coli	122	mpn/100ml		EPA	G
					Conductivity	127	us/cm		FIELD	F
					Field Dissolved Oxygen	7.1	mg/L		FIELD	F
						7.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	85.8	%		FIELD	F
						88.2	%		FIELD	F
					pH	7.5	su		FIELD	F
						7.6	su		FIELD	F
					Secchi Depth	5.8	feet		FIELD	F
					Specific Conductivity	126	us/cm@25C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
04AM-MER	M065-F-LF1	7/27/2010	LF1	9:00 AM	Specific Conductivity	127	us/cm@25C		FIELD	F
					Temperature	25.2	C		FIELD	F
						25.4	C		FIELD	F
					Total Water Depth	11.5	feet		FIELD	F
					Turbidity	1.5	ntu		FIELD	F
	M065-G-HF1	5/17/2012	HF1	9:57 AM		1.5	ntu		FIELD	F
					Ammonia	94.8	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.20	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	225.3	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	401.1	ug/L	(blank)	SMAST	G
					Nitrates	130.5	ug/L	(blank)	SMAST	G
					Orthophosphate	0.01	mg/L	(blank)	SMAST	G
					Specific Conductivity	86	us/cm@25C	(blank)	FIELD	F
					TKN	0.496	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.6	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.852	mg/L	(blank)	SMAST	G
					Total Phosphorus	19.26	ug/L	(blank)	SMAST	G
					Total Suspended Solids	7.0	mg/L		EAI	G
	M065-F-HF1	5/17/2012	HF1	9:47 AM	Conductivity	73	us/cm		FIELD	F
					Field Dissolved Oxygen	8.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.3	%		FIELD	F
					pH	6.7	su		FIELD	F
					Secchi Depth	4.5	feet		FIELD	F
				10:17 AM	Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	16.1	C		FIELD	F
					Total Water Depth	15.4	feet		FIELD	F
					Turbidity	9.5	ntu		FIELD	F
					Conductivity	70	us/cm		FIELD	F
					Field Dissolved Oxygen	8.4	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	87.5	%		FIELD	F
					pH	6.8	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	16.1	C		FIELD	F
					Turbidity	7.4	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Merrimack WWTF 1 04AJ-MER	M066-C-LF2	9/21/2010	LF2	6:57 AM	Ammonia	218.0	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	10	ratio		SMAST	C
					CBOD 20	3.0	mg/L	<	EAI	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.00	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	719.4	ug/L		SMAST	C
					Dissolved Organic Nitrogen	289.8	ug/L		SMAST	C
					Nitrates	501.4	ug/L		SMAST	C
					Orthophosphates	67.02	ug/L		SMAST	C
					Particulate Organic Carbon	498	ug/L		SMAST	C
	M066-G-LF2	9/21/2010	LF2	6:35 AM	Particulate Organic Nitrogen	59.8	ug/L		SMAST	C
					TKN	0.568	mg/L		SMAST	C
					Total Nitrogen	1.069	mg/L		SMAST	C
					Total Phosphorus	87.97	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L		EAI	C
					Winkler Dissolved Oxygen	NS	mg/L	NS	SMAST	C
	M066-F-LF2	9/21/2010	LF2	3:42 PM	E. coli	44	mpn/100ml	J	EPA	G
					Conductivity	139	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	99.8	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	154	us/cm@25C		FIELD	F
					Temperature	19.8	C		FIELD	F
					Total Water Depth	10.5	feet		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
				3:46 PM	Conductivity	127	us/cm		FIELD	F
					Field Dissolved Oxygen	9.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	98.9	%		FIELD	F
					pH	7.0	su		FIELD	F
					Specific Conductivity	142	us/cm@25C		FIELD	F
					Temperature	19.6	C		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
					Conductivity	126	us/cm		FIELD	F
					Field Dissolved Oxygen	8.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	87.1	%		FIELD	F
				6:36 AM	pH	8.3	su		FIELD	F
					Specific Conductivity	144	us/cm@25C		FIELD	F
					Temperature	19.0	C		FIELD	F
					Total Water Depth	8.6	feet		FIELD	F
					Conductivity	129	us/cm		FIELD	F
					Field Dissolved Oxygen	8.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	86.5	%		FIELD	F
					pH	8.3	su		FIELD	F
					Specific Conductivity	145	us/cm@25C		FIELD	F
					Temperature	19.0	C		FIELD	F
	M066-C-LF1	7/27/2010	LF1	4:35 PM	Ammonia	66.8	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	6	ratio		SMAST	C
					CBOD 20	5.2	mg/L		SMAST	C
					CBOD 5	2.0	mg/L	<	SMAST	C
					Chl-a + Phaeo.	19.69	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.79	ratio		SMAST	C
					Chlorophyll-a	15.63	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	376.5	ug/L		SMAST	C
					Dissolved Organic Nitrogen	377.3	ug/L		SMAST	C
					Nitrates	309.7	ug/L		SMAST	C
				7:05 AM	Orthophosphates	22.32	ug/L		SMAST	C
					Particulate Organic Carbon	1487	ug/L		SMAST	C
					Particulate Organic Nitrogen	267.4	ug/L		SMAST	C
					Phaeophytin	4.06	mg/L		SMAST	C
					TKN	0.711	mg/L		SMAST	C

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
04AJ-MER	M066-C-LF1	7/27/2010	LF1	4:35 PM	Total Nitrogen	1.021	mg/L		SMAST	C
					Total Phosphorus	60.17	ug/L		SMAST	C
					Total Suspended Solids	4.5	mg/L		SMAST	C
					Winkler Dissolved Oxygen	8.5	mg/L		SMAST	C
	M066-G-LF1	7/27/2010	LF1	5:44 AM	E. coli	49	mpn/100ml	J	EPA	G
	M066-F-LF1	7/27/2010	LF1	5:30 AM	Conductivity	125	us/cm		FIELD	F
					Field Dissolved Oxygen	7.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	86.1	%		FIELD	F
					pH	8.4	su		FIELD	F
					Specific Conductivity	127	us/cm@25C		FIELD	F
					Temperature	25.2	C		FIELD	F
					Total Water Depth	15.0	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	134	us/cm		FIELD	F
						135	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
						9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	113.3	%		FIELD	F
						114.4	%		FIELD	F
					pH	8.9	su		FIELD	F
					Secchi Depth	4.8	feet		FIELD	F
					Specific Conductivity	131	us/cm@25C		FIELD	F
					Temperature	26.5	C		FIELD	F
						26.6	C		FIELD	F
					Total Water Depth	15.0	feet		FIELD	F
					Turbidity	2.2	ntu		FIELD	F
						2.2	ntu		FIELD	F
	M066-G-HF1	5/17/2012	HF1	10:54 AM	Ammonia	93.0	ug/L	(blank)	SMAST	G
					CBOD 20	3.0	mg/L	<	EAI	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	255.0	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	490.9	ug/L	(blank)	SMAST	G
					Nitrates	162.1	ug/L	(blank)	SMAST	G
					Orthophosphate	0.01	mg/L	(blank)	SMAST	G
					Specific Conductivity	80	us/cm@25C	(blank)	FIELD	F
					TKN	0.584	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.7	mg/L	(blank)	SMAST	G
					Total Nitrogen	1.001	mg/L	(blank)	SMAST	G
					Total Phosphorus	28.17	ug/L	(blank)	SMAST	G
					Total Suspended Solids	4.0	mg/L		EAI	G
	M066-F-HF1	5/17/2012	HF1	10:52 AM	Conductivity	68	us/cm		FIELD	F
					Field Dissolved Oxygen	8.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	87.1	%		FIELD	F
					pH	6.8	su		FIELD	F
					Secchi Depth	4.8	feet		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	16.1	C		FIELD	F
					Total Water Depth	19.2	feet		FIELD	F
				11:12 AM	Turbidity	22.1	ntu		FIELD	F
					Conductivity	68	us/cm		FIELD	F
					Field Dissolved Oxygen	7.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	81.6	%		FIELD	F
					pH	6.9	su		FIELD	F
					Secchi Depth	5.0	feet		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	16.1	C		FIELD	F
					Turbidity	35.9	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Merrimack WWTF 2 04AF-MER	M067-G-LF2	9/21/2010	LF2	3:15 PM	Ammonia	190.5	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	1.80	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	676.5	ug/L		SMAST	G
					Dissolved Organic Nitrogen	475.6	ug/L		SMAST	G
					Nitrates	486.0	ug/L		SMAST	G
					Orthophosphates	59.61	ug/L		SMAST	G
					Particulate Organic Carbon	384	ug/L		SMAST	G
					Particulate Organic Nitrogen	54.3	ug/L		SMAST	G
					TKN	0.720	mg/L		SMAST	G
					Total Nitrogen	1.206	mg/L		SMAST	G
					Total Phosphorus	78.34	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L		EAI	G
					Winkler Dissolved Oxygen	7.8	mg/L		SMAST	G
	M067-G-LF1	7/27/2010	LF1	10:42 AM	Ammonia	35.8	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	7	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	20.41	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.84	ratio		SMAST	G
					Chlorophyll-a	17.22	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	287.8	ug/L		SMAST	G
					Dissolved Organic Nitrogen	334.8	ug/L		SMAST	G
					Nitrates	252.1	ug/L		SMAST	G
					Orthophosphates	6.20	ug/L		SMAST	G
					Particulate Organic Carbon	1547	ug/L		SMAST	G
					Particulate Organic Nitrogen	248.6	ug/L		SMAST	G
					Phaeophytin	3.19	mg/L		SMAST	G
					TKN	0.619	mg/L		SMAST	G
					Total Nitrogen	0.871	mg/L		SMAST	G
					Total Phosphorus	39.56	ug/L		SMAST	G
					Total Suspended Solids	4.7	mg/L		SMAST	G
	M067-F-LF1	7/27/2010	LF1	10:42 AM	Winkler Dissolved Oxygen	8.0	mg/L		SMAST	G
					Conductivity	126	us/cm		FIELD	F
						127	us/cm		FIELD	F
					Field Dissolved Oxygen	7.7	mg/L		FIELD	F
						7.9	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.7	%		FIELD	F
						97.0	%		FIELD	F
					pH	8.1	su		FIELD	F
						8.2	su		FIELD	F
					Secchi Depth	4.8	feet		FIELD	F
					Specific Conductivity	126	us/cm@25C		FIELD	F
						127	us/cm@25C		FIELD	F
					Temperature	25.3	C		FIELD	F
						25.4	C		FIELD	F
					Total Water Depth	8.5	feet		FIELD	F
					Turbidity	2.2	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Nashua River 01P-NSH	T068-G-LF2	9/21/2010	LF2	12:45 PM	Ammonia	20.4	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	4.60	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	894.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	531.5	ug/L		SMAST	G
					E. coli	53	mpn/100ml		EPA	G
					Nitrates	873.8	ug/L		SMAST	G
					Orthophosphates	4.65	ug/L		SMAST	G
					Particulate Organic Carbon	736	ug/L		SMAST	G
					Particulate Organic Nitrogen	95.3	ug/L		SMAST	G
					TKN	0.647	mg/L		SMAST	G
					Total Nitrogen	1.521	mg/L		SMAST	G
					Total Phosphorus	16.82	ug/L		SMAST	G
					Total Suspended Solids	2.0	mg/L		EAI	G
	T068-F-LF2	9/21/2010	LF2	1:05 PM	Winkler Dissolved Oxygen	9.0	mg/L		SMAST	G
					Conductivity	271	us/cm		FIELD	F
					Field Dissolved Oxygen	10.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	107.4	%		FIELD	F
					pH	7.3	su		FIELD	F
				12:42 PM	Specific Conductivity	313	us/cm@25C		FIELD	F
					Temperature	18.1	C		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
					Conductivity	271	us/cm		FIELD	F
					Field Dissolved Oxygen	10.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	108.2	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	313	us/cm@25C		FIELD	F
					Temperature	18.1	C		FIELD	F
					Total Water Depth	2.0	feet		FIELD	F
	T068-G-LF1	7/27/2010	LF1	12:00 PM	Turbidity	0.3	ntu		FIELD	F
					Ammonia	4.7	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	7	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	5.41	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.67	ratio		SMAST	G
					Chlorophyll-a	3.64	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	674.5	ug/L		SMAST	G
					Dissolved Organic Nitrogen	400.7	ug/L		SMAST	G
					Nitrates	669.8	ug/L		SMAST	G
					Orthophosphates	9.30	ug/L		SMAST	G
					Particulate Organic Carbon	489	ug/L		SMAST	G
					Particulate Organic Nitrogen	77.7	ug/L		SMAST	G
					T068-F-LF1	7/27/2010	LF1	12:00 PM	Phaeophytin	1.77
	TKN	0.483	mg/L						SMAST	G
	Total Nitrogen	1.153	mg/L						SMAST	G
	Total Phosphorus	30.80	ug/L						SMAST	G
	Total Suspended Solids	2.2	mg/L						SMAST	G
	Winkler Dissolved Oxygen	7.8	mg/L						SMAST	G
	Conductivity	254	us/cm						FIELD	F
	Field Dissolved Oxygen	7.7	mg/L						FIELD	F
		7.8	mg/L						FIELD	F
	Field Dissolved Oxygen Percent	92.7	%						FIELD	F
		93.4	%						FIELD	F
	pH	7.2	su						FIELD	F
		7.2	su						FIELD	F
	Specific Conductivity	260	us/cm@25C						FIELD	F
	Temperature	24.7	C						FIELD	F
	Total Water Depth	4.0	feet		FIELD	F				

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01P-NSH	T068-F-LF1	7/27/2010	LF1	12:00 PM	Turbidity	1.5	ntu		FIELD	F
	T068-G-HF1	5/17/2012	HF1	3:20 PM	Ammonia	67.0	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	681.9	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	418.5	ug/L	(blank)	SMAST	G
					E. coli	30	mpn/100ml		EAI	G
					Nitrates	615.0	ug/L	(blank)	SMAST	G
					Orthophosphate	0.01	mg/L	(blank)	SMAST	G
					Specific Conductivity	197	us/cm@25C	(blank)	FIELD	F
					TKN	0.485	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	1.1	mg/L	(blank)	SMAST	G
					Total Nitrogen	1.782	mg/L	(blank)	SMAST	G
					Total Phosphorus	30.30	ug/L	(blank)	SMAST	G
					Total Suspended Solids	3.0	mg/L		EAI	G
	T068-F-HF1	5/17/2012	HF1	3:14 PM	Conductivity	167	us/cm		FIELD	F
					Field Dissolved Oxygen	6.5	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	72.2	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	19.1	C		FIELD	F
					Total Water Depth	4.4	feet		FIELD	F
					Turbidity	16.3	ntu		FIELD	F
				3:28 PM	Conductivity	176	us/cm		FIELD	F
					Field Dissolved Oxygen	6.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	75.7	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	19.2	C		FIELD	F
					Turbidity	4.7	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Salmon Brook 00-SMN	T069-G-LF2	9/21/2010	LF2	8:45 AM	E. coli	144	mpn/100ml		EPA	G
					Ammonia	54.7	ug/L		SMAST	G
				1:45 PM	Carbon to Nitrogen Ratio	9	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	3.30	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	399.0	ug/L		SMAST	G
					Dissolved Organic Nitrogen	463.3	ug/L		SMAST	G
					Nitrates	344.3	ug/L		SMAST	G
					Orthophosphates	4.65	ug/L		SMAST	G
					Particulate Organic Carbon	594	ug/L		SMAST	G
					Particulate Organic Nitrogen	74.7	ug/L		SMAST	G
					TKN	0.593	mg/L		SMAST	G
					Total Nitrogen	0.937	mg/L		SMAST	G
					Total Phosphorus	22.98	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L		EAI	G
					Winkler Dissolved Oxygen	8.0	mg/L		SMAST	G
	T069-F-LF2	9/21/2010	LF2	1:38 PM	Conductivity	448	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.1	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	514	us/cm@25C		FIELD	F
					Temperature	18.2	C		FIELD	F
					Total Water Depth	1.0	feet		FIELD	F
				1:50 PM	Turbidity	1.3	ntu		FIELD	F
					Conductivity	448	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	95.8	%		FIELD	F
					pH	7.3	su		FIELD	F
					Specific Conductivity	514	us/cm@25C		FIELD	F
					Temperature	18.2	C		FIELD	F
	T069-G-LF1	7/27/2010	LF1	12:35 PM	Turbidity	1.3	ntu		FIELD	F
					Ammonia	26.7	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	4.83	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.47	ratio		SMAST	G
					Chlorophyll-a	2.27	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	357.3	ug/L		SMAST	G
					Dissolved Organic Nitrogen	273.8	ug/L		SMAST	G
					Nitrates	330.6	ug/L		SMAST	G
					Orthophosphates	3.00	ug/L		SMAST	G
					Particulate Organic Carbon	572	ug/L		SMAST	G
					Particulate Organic Nitrogen	85.5	ug/L		SMAST	G
					Phaeophytin	2.57	mg/L		SMAST	G
					TKN	0.386	mg/L		SMAST	G
					Total Nitrogen	0.717	mg/L		SMAST	G
					Total Phosphorus	17.24	ug/L		SMAST	G
					Total Suspended Solids	2.8	mg/L		SMAST	G
T069-F-LF1	7/27/2010	LF1	12:35 PM		Winkler Dissolved Oxygen	7.2	mg/L		SMAST	G
					Conductivity	420	us/cm		FIELD	F
					Field Dissolved Oxygen	6.8	mg/L		FIELD	F
						7.0	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	82.1	%		FIELD	F
						83.4	%		FIELD	F
					pH	7.4	su		FIELD	F
						7.4	su		FIELD	F
					Specific Conductivity	420	us/cm@25C		FIELD	F
					Temperature	25.0	C		FIELD	F
					Total Water Depth	2.5	feet		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
00-SMN	T069-F-LF1	7/27/2010	LF1	12:35 PM	Turbidity	3.3	ntu		FIELD	F
						3.4	ntu		FIELD	F
	T069-G-HF1	5/17/2012	HF1	12:02 PM	Ammonia	108.4	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	397.4	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	428.4	ug/L	(blank)	SMAST	G
					Nitrates	289.0	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	(blank)	SMAST	G
					Specific Conductivity	313	us/cm@25C	(blank)	FIELD	F
					TKN	0.537	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.8	mg/L	(blank)	SMAST	G
					Total Nitrogen	1.223	mg/L	(blank)	SMAST	G
					Total Phosphorus	30.73	ug/L	(blank)	SMAST	G
					Total Suspended Solids	4.0	mg/L		EAI	G
	T069-F-HF1	5/17/2012	HF1	11:58 AM	Conductivity	280	us/cm		FIELD	F
					Field Dissolved Oxygen	7.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	80.2	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
				12:12 PM	Temperature	19.0	C		FIELD	F
					Total Water Depth	4.0	feet		FIELD	F
					Turbidity	6.3	ntu		FIELD	F
					Conductivity	273	us/cm		FIELD	F
					Field Dissolved Oxygen	7.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	79.6	%		FIELD	F
					pH	7.2	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	19.0	C		FIELD	F
					Turbidity	10.7	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
U/S Nashua WWTF 02M-MER	M070-G-LF2	9/21/2010	LF2	2:07 PM	Ammonia	155.2	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.00	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	670.7	ug/L		SMAST	G
					Dissolved Organic Nitrogen	388.9	ug/L		SMAST	G
					E. coli	4	mpn/100ml		EPA	G
					Nitrates	515.4	ug/L		SMAST	G
					Orthophosphates	48.08	ug/L		SMAST	G
					Particulate Organic Carbon	423	ug/L		SMAST	G
					Particulate Organic Nitrogen	62.1	ug/L		SMAST	G
					TKN	0.606	mg/L		SMAST	G
					Total Nitrogen	1.122	mg/L		SMAST	G
					Total Phosphorus	67.40	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L		EAI	G
	M070-F-LF2	9/21/2010	LF2	2:06 PM	Winkler Dissolved Oxygen	8.3	mg/L		SMAST	G
					Conductivity	136	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	101.2	%		FIELD	F
					pH	7.2	su		FIELD	F
					Secchi Depth	12.0	feet		FIELD	F
					Specific Conductivity	151	us/cm@25C		FIELD	F
					Temperature	19.6	C		FIELD	F
				2:15 PM	Total Water Depth	17.0	feet		FIELD	F
					Turbidity	0.0	ntu		FIELD	F
					Conductivity	136	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	98.9	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	151	us/cm@25C		FIELD	F
					Temperature	19.6	C		FIELD	F
	M070-G-LF1	7/27/2010	LF1	1:10 PM	Turbidity	0.1	ntu		FIELD	F
					Ammonia	0.8	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	30.79	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.68	ratio		SMAST	G
					Chlorophyll-a	20.85	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	255.8	ug/L		SMAST	G
					Dissolved Organic Nitrogen	316.1	ug/L		SMAST	G
					Nitrates	254.9	ug/L		SMAST	G
					Orthophosphates	4.65	ug/L		SMAST	G
					Particulate Organic Carbon	2187	ug/L		SMAST	G
					Particulate Organic Nitrogen	313.1	ug/L		SMAST	G
					Phaeophytin	9.94	mg/L		SMAST	G
					TKN	0.630	mg/L		SMAST	G
	M070-F-LF1	7/27/2010	LF1	1:10 PM	Total Nitrogen	0.885	mg/L		SMAST	G
					Total Phosphorus	36.48	ug/L		SMAST	G
					Total Suspended Solids	6.3	mg/L		SMAST	G
					Winkler Dissolved Oxygen	9.1	mg/L		SMAST	G
					Conductivity	143	us/cm		FIELD	F
						145	us/cm		FIELD	F
					Field Dissolved Oxygen	9.5	mg/L		FIELD	F
						9.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	116.7	%		FIELD	F
						119.1	%		FIELD	F
					pH	9.1	su		FIELD	F
						9.2	su		FIELD	F
					Secchi Depth	4.3	feet		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
02M-MER	M070-F-LF1	7/27/2010	LF1	1:10 PM	Specific Conductivity	143	us/cm@25C		FIELD	F
						147	us/cm@25C		FIELD	F
					Temperature	25.7	C		FIELD	F
					Total Water Depth	17.5	feet		FIELD	F
	M070-G-HF1	5/17/2012	HF1	1:00 PM	Turbidity	2.8	ntu		FIELD	F
						3.0	ntu		FIELD	F
					Ammonia	89.9	ug/L	(blank)	SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.60	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	301.7	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	267.0	ug/L	(blank)	SMAST	G
					Nitrates	211.8	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	< UJ	SMAST	G
					Specific Conductivity	100	us/cm@25C	(blank)	FIELD	F
					TKN	0.357	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.6	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.870	mg/L	(blank)	SMAST	G
					Total Phosphorus	29.88	ug/L	(blank)	SMAST	G
					Total Suspended Solids	4.0	mg/L		EAI	G
	M170-B-HF1	5/17/2012	HF1	1:10 PM	TKN	0.098	mg/L	(blank)	SMAST	G
	M370-R-HF1	5/17/2012	HF1	1:22 PM	Total Nitrogen	0.135	mg/L	(blank)	SMAST	G
					TKN	0.119	mg/L	(blank)	SMAST	G
	M070-F-HF1	5/17/2012	HF1	12:58 PM	Total Nitrogen	0.161	mg/L	(blank)	SMAST	G
					Conductivity	86	us/cm		FIELD	F
					Field Dissolved Oxygen	8.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	87.2	%		FIELD	F
					pH	7.3	su		FIELD	F
					Secchi Depth	4.8	feet		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	16.8	C		FIELD	F
					Total Water Depth	19.3	feet		FIELD	F
					Turbidity	7.4	ntu		FIELD	F
				1:37 PM	Conductivity	74	us/cm		FIELD	F
					Field Dissolved Oxygen	9.1	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	96.2	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	16.8	C		FIELD	F
	M270-G-HF1	5/17/2012	HF1	1:00 PM	Turbidity	11.1	ntu		FIELD	F
					TKN	0.367	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.799	mg/L	(blank)	SMAST	G

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Nashua WWTF 1 02K-MER	M071-C-LF2	9/21/2010	LF2	8:00 AM	Ammonia	330.4	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 20	3.0	mg/L	<	EAI	C
					CBOD 5	3.0	mg/L	<	EAI	C
					Chlorophyll-a	2.70	ug/L		EAI	C
					Dissolved Inorganic Nitrogen	936.8	ug/L		SMAST	C
					Dissolved Organic Nitrogen	416.5	ug/L		SMAST	C
					Nitrates	606.4	ug/L		SMAST	C
					Orthophosphates	53.02	ug/L		SMAST	C
					Particulate Organic Carbon	480	ug/L		SMAST	C
					Particulate Organic Nitrogen	65.8	ug/L		SMAST	C
					TKN	0.813	mg/L		SMAST	C
					Total Nitrogen	1.419	mg/L		SMAST	C
					Total Phosphorus	75.93	ug/L		SMAST	C
					Total Suspended Solids	1.0	mg/L		EAI	C
	M071-G-LF2	9/21/2010	LF2	8:00 AM	Winkler Dissolved Oxygen	7.7	mg/L		SMAST	C
	M071-F-LF2	9/21/2010	LF2	2:31 PM	E. coli	39	mpn/100ml		EPA	G
					Conductivity	155	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	101.5	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	172	us/cm@25C		FIELD	F
					Temperature	19.9	C		FIELD	F
					Total Water Depth	10.0	feet		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
				2:42 PM	Conductivity	155	us/cm		FIELD	F
					Field Dissolved Oxygen	9.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	101.6	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	172	us/cm@25C		FIELD	F
					Temperature	19.9	C		FIELD	F
					Turbidity	0.2	ntu		FIELD	F
				8:11 AM	Conductivity	139	us/cm		FIELD	F
					Field Dissolved Oxygen	8.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	92.6	%		FIELD	F
					pH	7.4	su		FIELD	F
					Specific Conductivity	157	us/cm@25C		FIELD	F
					Temperature	19.0	C		FIELD	F
					Total Water Depth	10.9	feet		FIELD	F
				8:23 AM	Conductivity	140	us/cm		FIELD	F
					Field Dissolved Oxygen	8.8	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	94.9	%		FIELD	F
					pH	7.1	su		FIELD	F
					Specific Conductivity	159	us/cm@25C		FIELD	F
					Temperature	19.0	C		FIELD	F
	M071-C-LF1	7/27/2010	LF1	2:30 PM	Ammonia	35.8	ug/L		SMAST	C
					Carbon to Nitrogen Ratio	9	ratio		SMAST	C
					CBOD 20	5.9	mg/L		SMAST	C
					CBOD 5	2.9	mg/L		SMAST	C
					Chl-a + Phaeo.	29.00	mg/L		SMAST	C
					Chl-a to Chl-a + Phaeo. Ratio	0.55	ratio		SMAST	C
					Chlorophyll-a	16.09	ug/L		SMAST	C
					Dissolved Inorganic Nitrogen	322.4	ug/L		SMAST	C
					Dissolved Organic Nitrogen	520.2	ug/L		SMAST	C
					Nitrates	286.6	ug/L		SMAST	C
					Orthophosphates	7.75	ug/L		SMAST	C
					Particulate Organic Carbon	2447	ug/L		SMAST	C
					Particulate Organic Nitrogen	313.1	ug/L		SMAST	C
					Phaeophytin	12.91	mg/L		SMAST	C
					TKN	0.869	mg/L		SMAST	C

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
02K-MER	M071-C-LF1	7/27/2010	LF1	2:30 PM	Total Nitrogen	1.156	mg/L		SMAST	C
					Total Phosphorus	46.43	ug/L		SMAST	C
					Total Suspended Solids	7.3	mg/L		SMAST	C
					Winkler Dissolved Oxygen	9.3	mg/L		SMAST	C
	M071-G-LF1	7/27/2010	LF1	7:10 AM	E. coli	30	mpn/100ml		EPA	G
	M071-F-LF1	7/27/2010	LF1	7:00 AM	Conductivity	157	us/cm		FIELD	F
					Field Dissolved Oxygen	8.2	mg/L		FIELD	F
						8.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	99.8	%		FIELD	F
						100.2	%		FIELD	F
					pH	8.6	su		FIELD	F
						8.7	su		FIELD	F
					Specific Conductivity	157	us/cm@25C		FIELD	F
					Temperature	25.2	C		FIELD	F
					Total Water Depth	10.5	feet		FIELD	F
					Turbidity	(blank)	ntu	NS	FIELD	F
					Conductivity	152	us/cm		FIELD	F
						153	us/cm		FIELD	F
					Field Dissolved Oxygen	10.2	mg/L		FIELD	F
						10.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	125.5	%		FIELD	F
						131.3	%		FIELD	F
					pH	9.0	su		FIELD	F
					Secchi Depth	4.8	feet		FIELD	F
					Specific Conductivity	149	us/cm@25C		FIELD	F
					Temperature	26.2	C		FIELD	F
					Total Water Depth	10.5	feet		FIELD	F
					Turbidity	2.7	ntu		FIELD	F
						2.8	ntu		FIELD	F
	M071-G-HF1	5/17/2012	HF1	2:08 PM	Ammonia	90.5	ug/L	(blank)	SMAST	G
					CBOD 20	3.0	mg/L	<	EAI	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Dissolved Inorganic Nitrogen	330.4	ug/L	(blank)	SMAST	G
					Dissolved Organic Nitrogen	318.0	ug/L	(blank)	SMAST	G
					Nitrates	240.0	ug/L	(blank)	SMAST	G
					Orthophosphate	0.00	mg/L	<	SMAST	G
					Specific Conductivity	99	us/cm@25C	(blank)	FIELD	F
					TKN	0.409	mg/L	(blank)	SMAST	G
					Total Dissolved Nitrogen	0.6	mg/L	(blank)	SMAST	G
					Total Nitrogen	0.979	mg/L	(blank)	SMAST	G
					Total Phosphorus	16.19	ug/L	(blank)	SMAST	G
					Total Suspended Solids	6.0	mg/L		EAI	G
	M071-F-HF1	5/17/2012	HF1	2:05 PM	Conductivity	75	us/cm		FIELD	F
					Field Dissolved Oxygen	8.2	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	87.3	%		FIELD	F
					pH	6.9	su		FIELD	F
					Secchi Depth	5.3	feet		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
				2:48 PM	Temperature	16.9	C		FIELD	F
					Total Water Depth	13.6	feet		FIELD	F
					Turbidity	20.3	ntu		FIELD	F
					Conductivity	85	us/cm		FIELD	F
					Field Dissolved Oxygen	8.3	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	88.2	%		FIELD	F
					pH	6.9	su		FIELD	F
					Specific Conductivity	(blank)	us/cm@25C		FIELD	F
					Temperature	17.0	C		FIELD	F
					Turbidity	6.3	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
D/S Nashua WWTF 2 01X-MER	M072-G-LF2	9/21/2010	LF2	8:50 AM	Ammonia	493.7	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 5	3.0	mg/L	<	EAI	G
					Chlorophyll-a	2.90	ug/L		EAI	G
					Dissolved Inorganic Nitrogen	1215.0	ug/L		SMAST	G
					Dissolved Organic Nitrogen	417.9	ug/L		SMAST	G
					E. coli	48	mpn/100ml		EPA	G
					Nitrates	721.4	ug/L		SMAST	G
					Orthophosphates	71.14	ug/L		SMAST	G
					Particulate Organic Carbon	504	ug/L		SMAST	G
					Particulate Organic Nitrogen	72.3	ug/L		SMAST	G
					TKN	0.984	mg/L		SMAST	G
					Total Nitrogen	1.705	mg/L		SMAST	G
					Total Phosphorus	102.19	ug/L		SMAST	G
					Total Suspended Solids	1.0	mg/L		EAI	G
					Winkler Dissolved Oxygen	8.0	mg/L		SMAST	G
	M072-F-LF2	9/21/2010	LF2	8:48 AM	Conductivity	148	us/cm		FIELD	F
					Field Dissolved Oxygen	8.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	94.3	%		FIELD	F
					pH	7.1	su		FIELD	F
					Secchi Depth	12.0	feet		FIELD	F
					Specific Conductivity	166	us/cm@25C		FIELD	F
					Temperature	19.5	C		FIELD	F
				9:09 AM	Total Water Depth	16.0	feet		FIELD	F
					Turbidity	0.5	ntu		FIELD	F
					Conductivity	151	us/cm		FIELD	F
					Field Dissolved Oxygen	8.6	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	93.9	%		FIELD	F
					pH	7.0	su		FIELD	F
					Specific Conductivity	168	us/cm@25C		FIELD	F
					Temperature	19.5	C		FIELD	F
	M072-G-LF1	7/27/2010	LF1	1:50 PM	Turbidity	0.4	ntu		FIELD	F
					Ammonia	14.4	ug/L		SMAST	G
					Carbon to Nitrogen Ratio	8	ratio		SMAST	G
					CBOD 20	(blank)	mg/L	NS	SMAST	G
					CBOD 5	2.0	mg/L	<	SMAST	G
					Chl-a + Phaeo.	33.83	mg/L		SMAST	G
					Chl-a to Chl-a + Phaeo. Ratio	0.57	ratio		SMAST	G
					Chlorophyll-a	19.26	ug/L		SMAST	G
					Dissolved Inorganic Nitrogen	357.2	ug/L		SMAST	G
					Dissolved Organic Nitrogen	326.7	ug/L		SMAST	G
					Nitrates	342.8	ug/L		SMAST	G
					Orthophosphates	9.30	ug/L		SMAST	G
					Particulate Organic Carbon	2166	ug/L		SMAST	G
					Particulate Organic Nitrogen	297.6	ug/L		SMAST	G
					Phaeophytin	14.57	mg/L		SMAST	G
					TKN	0.639	mg/L		SMAST	G
					Total Nitrogen	0.982	mg/L		SMAST	G
					Total Phosphorus	55.44	ug/L		SMAST	G
					Total Suspended Solids	5.8	mg/L		SMAST	G
	M072-F-LF1	7/27/2010	LF1	1:50 PM	Winkler Dissolved Oxygen	9.2	mg/L		SMAST	G
					Conductivity	162	us/cm		FIELD	F
						163	us/cm		FIELD	F
					Field Dissolved Oxygen	9.7	mg/L		FIELD	F
						9.7	mg/L		FIELD	F
					Field Dissolved Oxygen Percent	121.1	%		FIELD	F
						122.0	%		FIELD	F
					pH	9.3	su		FIELD	F
					Secchi Depth	4.8	feet		FIELD	F
					Specific Conductivity	158	us/cm@25C		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
01X-MER	M072-F-LF1	7/27/2010	LF1	1:50 PM	Temperature	26.6	C		FIELD	F
						26.7	C		FIELD	F
					Total Water Depth	17.0	feet		FIELD	F
					Turbidity	3.0	ntu		FIELD	F
						3.0	ntu		FIELD	F

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Lincoln NH0100706	LINCOLN WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	9.0	mg/L		EAI	E
					CBOD 5	3.0	mg/L		EAI	E
				9:30 AM	Total Suspended Solids	6.0	mg/L		EAI	E
					Ammonia	21450.9	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	23350.3	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1.0	ug/L	<	SMAST	E
					Nitrates	1899.4	ug/L		SMAST	E
					Orthophosphates	3968.94	ug/L		SMAST	E
					Particulate Organic Carbon	3192	ug/L		SMAST	E
					Particulate Organic Nitrogen	510.0	ug/L		SMAST	E
					TKN	21.962	mg/L		SMAST	E
					Total Nitrogen	22.186	mg/L		SMAST	E
					Total Phosphorus	3587.45	ug/L		SMAST	E
	LINCOLN WW-E-LF1	7/27/2010	LF1	9:00 AM	Ammonia	15663.5	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	8	ratio		SMAST	E
					CBOD 20	10.0	mg/L		SMAST	E
					CBOD 5	4.5	mg/L		SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	18095.9	ug/L		SMAST	E
					Dissolved Organic Nitrogen	135.9	ug/L		SMAST	E
					Nitrates	2432.3	ug/L		SMAST	E
					Orthophosphates	3181.56	ug/L		SMAST	E
					Particulate Organic Carbon	4602	ug/L		SMAST	E
					Particulate Organic Nitrogen	664.2	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
					TKN	16.464	mg/L		SMAST	E
					Total Nitrogen	18.896	mg/L		SMAST	E
					Total Phosphorus	3956.33	ug/L		SMAST	E
					Total Suspended Solids	10.2	mg/L		SMAST	E
	LINCOLN WW-E-HF1	5/17/2012	HF1	9:00 AM	Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
					Ammonia	18906.5	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	19596.4	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	1065.3	ug/L	(blank)	SMAST	E
					Nitrates	690.0	ug/L	(blank)	SMAST	E
					Orthophosphate	2.43	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	20.7	mg/L	(blank)	SMAST	E
					Total Phosphorus	2575.33	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	9:00 AM	CBOD 20	7.0	mg/L		EAI	E
					CBOD 5	3.0	mg/L	<	EAI	E
					TKN	19.972	mg/L	(blank)	SMAST	E
					Total Nitrogen	40.258	mg/L	(blank)	SMAST	E
					Total Suspended Solids	4.0	mg/L		EAI	E

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Hooksett NH0100129	HOOKSETT WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	39.0	mg/L		EAI	E
					CBOD 5	19.0	mg/L		EAI	E
				1:00 PM	Total Suspended Solids	25.0	mg/L		EAI	E
					Ammonia	30215.4	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	6	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	30694.7	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1.0	ug/L	<	SMAST	E
					Nitrates	479.3	ug/L		SMAST	E
					Orthophosphates	3845.39	ug/L		SMAST	E
					Particulate Organic Carbon	11145	ug/L		SMAST	E
					Particulate Organic Nitrogen	2238.9	ug/L		SMAST	E
					TKN	32.455	mg/L		SMAST	E
					Total Nitrogen	30.488	mg/L		SMAST	E
					Total Phosphorus	4455.69	ug/L		SMAST	E
	HOOKSETT WW-E-LF1	7/27/2010	LF1	8:15 AM	Ammonia	15602.1	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	6	ratio		SMAST	E
					CBOD 20	60.0	mg/L		SMAST	E
					CBOD 5	18.0	mg/L		SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	19335.4	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1.0	ug/L	<	SMAST	E
					Nitrates	3733.3	ug/L		SMAST	E
					Orthophosphates	2492.91	ug/L		SMAST	E
					Particulate Organic Carbon	10284	ug/L		SMAST	E
					Particulate Organic Nitrogen	1907.5	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
	HOOKSETT WW-E-HF1	5/17/2012	HF1	8:30 AM	TKN	17.511	mg/L		SMAST	E
					Total Nitrogen	21.244	mg/L		SMAST	E
					Total Phosphorus	3944.48	ug/L		SMAST	E
					Total Suspended Solids	26.2	mg/L		SMAST	E
					Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
					Ammonia	294.2	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	2414.9	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	2965.2	ug/L	(blank)	SMAST	E
					Nitrates	2120.7	ug/L	(blank)	SMAST	E
					Orthophosphate	1.64	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	5.4	mg/L	(blank)	SMAST	E
					Total Phosphorus	1929.13	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	8:30 AM	CBOD 20	14.0	mg/L		EAI	E
					CBOD 5	8.0	mg/L		EAI	E
					TKN	3.259	mg/L	(blank)	SMAST	E
					Total Nitrogen	7.795	mg/L	(blank)	SMAST	E
					Total Suspended Solids	11.0	mg/L		EAI	E

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Manchester NH0100447	MANCH WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	12.0	mg/L		EAI	E
					CBOD 5	5.0	mg/L		EAI	E
				2:30 PM	Total Suspended Solids	11.0	mg/L		EAI	E
					Ammonia	21036.3	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	6	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	24714.1	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1.0	ug/L	<	SMAST	E
					Nitrates	3677.8	ug/L		SMAST	E
					Orthophosphates	3268.82	ug/L		SMAST	E
					Particulate Organic Carbon	5508	ug/L		SMAST	E
					Particulate Organic Nitrogen	1065.3	ug/L		SMAST	E
					TKN	22.103	mg/L		SMAST	E
					Total Nitrogen	24.483	mg/L		SMAST	E
					Total Phosphorus	3323.95	ug/L		SMAST	E
	MANCH WW-E-LF1	7/27/2010	LF1	12:00 AM	Ammonia	16739.7	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	6	ratio		SMAST	E
					CBOD 20	18.0	mg/L		SMAST	E
					CBOD 5	9.9	mg/L		SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	20204.4	ug/L		SMAST	E
					Dissolved Organic Nitrogen	895.4	ug/L		SMAST	E
					Nitrates	3464.6	ug/L		SMAST	E
					Orthophosphates	3050.39	ug/L		SMAST	E
					Particulate Organic Carbon	6815	ug/L		SMAST	E
					Particulate Organic Nitrogen	1266.3	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
	MANCH WW-E-HF1	5/17/2012	HF1	6:45 AM	TKN	18.901	mg/L		SMAST	E
					Total Nitrogen	22.366	mg/L		SMAST	E
					Total Phosphorus	4264.30	ug/L		SMAST	E
					Total Suspended Solids	16.1	mg/L		SMAST	E
					Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
					Ammonia	10870.0	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	12606.0	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	1912.6	ug/L	(blank)	SMAST	E
					Nitrates	1736.1	ug/L	(blank)	SMAST	E
					Orthophosphate	1.17	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	14.5	mg/L	(blank)	SMAST	E
					Total Phosphorus	1367.89	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	6:45 AM	CBOD 20	16.0	mg/L		EAI	E
					CBOD 5	7.0	mg/L		EAI	E
					TKN	12.783	mg/L	(blank)	SMAST	E
					Total Nitrogen	27.125	mg/L	(blank)	SMAST	E
					Total Suspended Solids	4.0	mg/L		EAI	E

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Derry NH0100056	DERRY WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	9.0	mg/L		EAI	E
					CBOD 5	3.0	mg/L	<	EAI	E
				1:00 PM	Total Suspended Solids	10.0	mg/L		EAI	E
					Ammonia	1540.6	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	9	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	17854.5	ug/L		SMAST	E
					Dissolved Organic Nitrogen	9.7	ug/L		SMAST	E
					Nitrates	16313.9	ug/L		SMAST	E
					Orthophosphates	4835.74	ug/L		SMAST	E
					Particulate Organic Carbon	4571	ug/L		SMAST	E
					Particulate Organic Nitrogen	598.3	ug/L		SMAST	E
					TKN	2.149	mg/L		SMAST	E
					Total Nitrogen	18.463	mg/L		SMAST	E
					Total Phosphorus	5010.77	ug/L		SMAST	E
	DERRY WW-E-LF1	7/27/2010	LF1	8:00 AM	Ammonia	3666.1	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					CBOD 20	18.0	mg/L		SMAST	E
					CBOD 5	6.4	mg/L		SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	20144.1	ug/L		SMAST	E
					Dissolved Organic Nitrogen	99.5	ug/L		SMAST	E
					Nitrates	16478.0	ug/L		SMAST	E
					Orthophosphates	4608.94	ug/L		SMAST	E
					Particulate Organic Carbon	5700	ug/L		SMAST	E
					Particulate Organic Nitrogen	989.0	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
					TKN	4.755	mg/L		SMAST	E
					Total Nitrogen	21.233	mg/L		SMAST	E
	DERRY WW-E-HF1	5/17/2012	HF1	11:16 AM	Total Phosphorus	5460.68	ug/L		SMAST	E
					Total Suspended Solids	14.3	mg/L		SMAST	E
					Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
					Ammonia	19718.2	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	23704.3	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	3100.6	ug/L	(blank)	SMAST	E
					Nitrates	3986.1	ug/L	(blank)	SMAST	E
					Orthophosphate	4.86	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	26.8	mg/L	(blank)	SMAST	E
					Total Phosphorus	4904.16	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	11:16 AM	CBOD 20	8.0	mg/L		EAI	E
					CBOD 5	3.0	mg/L	(blank)	EAI	E
					TKN	23.654	mg/L	(blank)	SMAST	E
					Total Nitrogen	48.794	mg/L	(blank)	SMAST	E
					Total Suspended Solids	4.0	mg/L		EAI	E

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Merrimack NH0100161	MERR WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	8.0	mg/L		EAI	E
					CBOD 5	4.0	mg/L		EAI	E
				1:30 PM	Total Suspended Solids	8.0	mg/L		EAI	E
					Ammonia	222.7	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	10	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	13173.4	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1149.6	ug/L		SMAST	E
					Nitrates	12950.6	ug/L		SMAST	E
					Orthophosphates	426.25	ug/L		SMAST	E
					Particulate Organic Carbon	2786	ug/L		SMAST	E
					Particulate Organic Nitrogen	315.6	ug/L		SMAST	E
					TKN	1.688	mg/L		SMAST	E
					Total Nitrogen	14.639	mg/L		SMAST	E
					Total Phosphorus	827.14	ug/L		SMAST	E
	MERR WW-E-LF1	7/27/2010	LF1	8:00 AM	Ammonia	258.0	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					CBOD 20	19.0	mg/L		SMAST	E
					CBOD 5	9.6	mg/L		SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	15957.5	ug/L		SMAST	E
					Dissolved Organic Nitrogen	519.3	ug/L		SMAST	E
					Nitrates	15699.6	ug/L		SMAST	E
					Orthophosphates	7791.13	ug/L		SMAST	E
					Particulate Organic Carbon	9240	ug/L		SMAST	E
					Particulate Organic Nitrogen	1579.4	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
					TKN	2.357	mg/L		SMAST	E
					Total Nitrogen	18.056	mg/L		SMAST	E
					Total Phosphorus	10909.51	ug/L		SMAST	E
					Total Suspended Solids	12.1	mg/L		PLANT	E
						27.4	mg/L		SMAST	E
					Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
	MERR WW-E-HF1	5/17/2012	HF1	7:46 AM	Ammonia	334.8	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	12051.6	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	3275.0	ug/L	(blank)	SMAST	E
					Nitrates	11716.8	ug/L	(blank)	SMAST	E
					Orthophosphate	5.73	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	15.3	mg/L	(blank)	SMAST	E
					Total Phosphorus	7224.64	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	7:46 AM	CBOD 20	16.0	mg/L		EAI	E
					CBOD 5	8.0	mg/L		EAI	E
					TKN	3.610	mg/L	(blank)	SMAST	E
					Total Nitrogen	27.378	mg/L	(blank)	SMAST	E
					Total Suspended Solids	8.0	mg/L		EAI	E

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Nashua NH0100170	NASHUA WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	13.0	mg/L		EAI	E
					CBOD 5	4.0	mg/L		EAI	E
					Total Suspended Solids	7.0	mg/L		EAI	E
				1:45 PM	Ammonia	21724.0	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	6	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	39241.3	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1.0	ug/L	<	SMAST	E
					Nitrates	17517.4	ug/L		SMAST	E
					Orthophosphates	1868.58	ug/L		SMAST	E
					Particulate Organic Carbon	3421	ug/L		SMAST	E
					Particulate Organic Nitrogen	635.6	ug/L		SMAST	E
					TKN	22.361	mg/L		SMAST	E
					Total Nitrogen	37.939	mg/L		SMAST	E
					Total Phosphorus	2155.49	ug/L		SMAST	E
	NASHUA WW-E-LF1	7/27/2010	LF1	7:00 AM	Ammonia	14679.6	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	6	ratio		SMAST	E
					CBOD 20	20.0	mg/L		SMAST	E
					CBOD 5	8.8	mg/L		SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	30800.8	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1088.4	ug/L		SMAST	E
					Nitrates	16121.2	ug/L		SMAST	E
					Orthophosphates	1263.18	ug/L		SMAST	E
					Particulate Organic Carbon	2532	ug/L		SMAST	E
					Particulate Organic Nitrogen	458.5	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
					TKN	16.227	mg/L		SMAST	E
					Total Nitrogen	32.348	mg/L		SMAST	E
					Total Phosphorus	2096.62	ug/L		SMAST	E
					Total Suspended Solids	6.9	mg/L		SMAST	E
					Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
	NASHUA WW-E-HF1	5/17/2012	HF1	9:00 AM	Ammonia	6189.1	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	14920.4	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	2311.3	ug/L	(blank)	SMAST	E
					Nitrates	8731.3	ug/L	(blank)	SMAST	E
					Orthophosphate	0.94	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	17.2	mg/L	(blank)	SMAST	E
					Total Phosphorus	1157.71	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	9:00 AM	CBOD 20	13.0	mg/L		EAI	E
					CBOD 5	4.0	mg/L		EAI	E
					TKN	8.500	mg/L	(blank)	SMAST	E
					Total Nitrogen	32.152	mg/L	(blank)	SMAST	E
					Total Suspended Solids	4.0	mg/L		EAI	E

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Woodstock NH0100293	WOODSTOCK WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	5.0	mg/L		EAI	E
					CBOD 5	3.0	mg/L	<	EAI	E
				10:00 AM	Total Suspended Solids	5.0	mg/L		EAI	E
					Ammonia	161.4	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	7249.0	ug/L		SMAST	E
					Dissolved Organic Nitrogen	917.0	ug/L		SMAST	E
					Nitrates	7087.6	ug/L		SMAST	E
					Orthophosphates	2527.51	ug/L		SMAST	E
					Particulate Organic Carbon	2643	ug/L		SMAST	E
					Particulate Organic Nitrogen	432.1	ug/L		SMAST	E
					TKN	1.511	mg/L		SMAST	E
					Total Nitrogen	8.598	mg/L		SMAST	E
					Total Phosphorus	2669.53	ug/L		SMAST	E
	WOODSTOCK WW-E-LF1	7/27/2010	LF1	9:00 AM	Ammonia	208.8	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					CBOD 20	5.5	mg/L		SMAST	E
					CBOD 5	2.0	mg/L	<	SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	9700.6	ug/L		SMAST	E
					Dissolved Organic Nitrogen	911.9	ug/L		SMAST	E
					Nitrates	9491.8	ug/L		SMAST	E
					Orthophosphates	3493.09	ug/L		SMAST	E
					Particulate Organic Carbon	3037	ug/L		SMAST	E
					Particulate Organic Nitrogen	525.9	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
					TKN	1.647	mg/L		SMAST	E
					Total Nitrogen	11.138	mg/L		SMAST	E
					Total Phosphorus	4181.39	ug/L		SMAST	E
	WOODSTOCK WW-E-HF1	5/17/2012	HF1	8:50 AM	Total Suspended Solids	7.7	mg/L		SMAST	E
					Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
					Ammonia	154.7	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	3837.9	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	8254.5	ug/L	(blank)	SMAST	E
					Nitrates	3683.2	ug/L	(blank)	SMAST	E
					Orthophosphate	1.53	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	12.1	mg/L	(blank)	SMAST	E
					Total Phosphorus	1628.24	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	8:50 AM	CBOD 20	7.0	mg/L		EAI	E
					CBOD 5	5.0	mg/L	(blank)	EAI	E
					TKN	8.409	mg/L	(blank)	SMAST	E
					Total Nitrogen	15.930	mg/L	(blank)	SMAST	E
					Total Suspended Solids	3.0	mg/L		EAI	E

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Plymouth Village NH0100242	PLYVILL WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	19.0	mg/L		EAI	E
					CBOD 5	8.0	mg/L		EAI	E
					Total Suspended Solids	12.0	mg/L		EAI	E
				9:00 AM	Ammonia	10152.9	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	24193.7	ug/L		SMAST	E
					Dissolved Organic Nitrogen	149.5	ug/L		SMAST	E
					Nitrates	14040.8	ug/L		SMAST	E
					Orthophosphates	5245.63	ug/L		SMAST	E
					Particulate Organic Carbon	5701	ug/L		SMAST	E
					Particulate Organic Nitrogen	922.8	ug/L		SMAST	E
					TKN	11.225	mg/L		SMAST	E
					Total Nitrogen	25.266	mg/L		SMAST	E
					Total Phosphorus	5494.56	ug/L		SMAST	E
	PLYVILL WW-E-LF1	7/27/2010	LF1	7:30 AM	Ammonia	3163.2	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					CBOD 20	14.0	mg/L		SMAST	E
					CBOD 5	8.2	mg/L		SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	19991.5	ug/L		SMAST	E
					Dissolved Organic Nitrogen	466.1	ug/L		SMAST	E
					Nitrates	16828.3	ug/L		SMAST	E
					Orthophosphates	4195.42	ug/L		SMAST	E
					Particulate Organic Carbon	3982	ug/L		SMAST	E
					Particulate Organic Nitrogen	643.4	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
					TKN	4.273	mg/L		SMAST	E
					Total Nitrogen	21.101	mg/L		SMAST	E
	PLYVILL WW-E-HF1	5/17/2012	HF1	7:00 AM	Total Phosphorus	5519.91	ug/L		SMAST	E
					Total Suspended Solids	10.6	mg/L		SMAST	E
					Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
					Ammonia	7168.3	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	14817.8	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	2591.1	ug/L	(blank)	SMAST	E
					Nitrates	7649.5	ug/L	(blank)	SMAST	E
					Orthophosphate	3.80	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	17.4	mg/L	(blank)	SMAST	E
					Total Phosphorus	4553.86	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	7:00 AM	CBOD 20	20.0	mg/L		EAI	E
					CBOD 5	8.0	mg/L		EAI	E
					TKN	9.759	mg/L	(blank)	SMAST	E
					Total Nitrogen	32.227	mg/L	(blank)	SMAST	E
					Total Suspended Solids	7.0	mg/L		EAI	E

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Bristol NHG580021	BRISTOL WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	6.0	mg/L		EAI	E
					CBOD 5	3.0	mg/L	<	EAI	E
				10:45 AM	Total Suspended Solids	6.0	mg/L		EAI	E
					Ammonia	590.5	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	6	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	21049.6	ug/L		SMAST	E
					Dissolved Organic Nitrogen	919.3	ug/L		SMAST	E
					Nitrates	20459.1	ug/L		SMAST	E
					Orthophosphates	5163.26	ug/L		SMAST	E
					Particulate Organic Carbon	3094	ug/L		SMAST	E
					Particulate Organic Nitrogen	566.6	ug/L		SMAST	E
					TKN	2.076	mg/L		SMAST	E
					Total Nitrogen	22.536	mg/L		SMAST	E
					Total Phosphorus	5153.31	ug/L		SMAST	E
	BRISTOL WW-E-LF1	7/27/2010	LF1	7:00 AM	Ammonia	2983.6	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					CBOD 20	11.0	mg/L		SMAST	E
					CBOD 5	7.5	mg/L		SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	19835.5	ug/L		SMAST	E
					Dissolved Organic Nitrogen	750.6	ug/L		SMAST	E
					Nitrates	16851.9	ug/L		SMAST	E
					Orthophosphates	5766.79	ug/L		SMAST	E
					Particulate Organic Carbon	4733	ug/L		SMAST	E
					Particulate Organic Nitrogen	768.1	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
					TKN	4.502	mg/L		SMAST	E
					Total Nitrogen	21.354	mg/L		SMAST	E
					Total Phosphorus	6657.05	ug/L		SMAST	E
					Total Suspended Solids	13.0	mg/L		SMAST	E
	BRISTOL WW-E-HF1	5/17/2012	HF1	12:05 PM	Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
					Ammonia	693.5	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	7896.0	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	2823.1	ug/L	(blank)	SMAST	E
					Nitrates	7202.4	ug/L	(blank)	SMAST	E
					Orthophosphate	3.17	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	10.7	mg/L	(blank)	SMAST	E
					Total Phosphorus	3637.04	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	12:05 PM	CBOD 20	17.0	mg/L		EAI	E
					CBOD 5	9.0	mg/L	(blank)	EAI	E
					TKN	3.517	mg/L	(blank)	SMAST	E
					Total Nitrogen	18.615	mg/L	(blank)	SMAST	E
					Total Suspended Solids	12.0	mg/L		EAI	E

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Winnepesaukee NH0100960	WINN/FRANK WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	28.0	mg/L		EAI	E
					CBOD 5	8.0	mg/L		EAI	E
				11:15 AM	Total Suspended Solids	10.0	mg/L		EAI	E
					Ammonia	23577.7	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	29689.2	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1256.4	ug/L		SMAST	E
					Nitrates	6111.4	ug/L		SMAST	E
					Orthophosphates	4010.12	ug/L		SMAST	E
					Particulate Organic Carbon	4635	ug/L		SMAST	E
					Particulate Organic Nitrogen	760.6	ug/L		SMAST	E
					TKN	25.595	mg/L		SMAST	E
					Total Nitrogen	31.706	mg/L		SMAST	E
					Total Phosphorus	4518.33	ug/L		SMAST	E
	WINN/FRANK WW-E-LF1	7/27/2010	LF1	7:15 AM	Ammonia	33712.2	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	6	ratio		SMAST	E
					CBOD 20	18.0	mg/L		SMAST	E
					CBOD 5	12.0	mg/L		SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	34106.8	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1.0	ug/L	<	SMAST	E
					Nitrates	394.7	ug/L		SMAST	E
					Orthophosphates	2837.24	ug/L		SMAST	E
					Particulate Organic Carbon	10290	ug/L		SMAST	E
					Particulate Organic Nitrogen	1911.9	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
	WINN/FRANK WW-E-HF1	5/17/2012	HF1	1:15 PM	TKN	35.625	mg/L		SMAST	E
					Total Nitrogen	36.020	mg/L		SMAST	E
					Total Phosphorus	3956.33	ug/L		SMAST	E
					Total Suspended Solids	26.6	mg/L		SMAST	E
					Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
					Ammonia	20652.2	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	20885.0	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	1824.5	ug/L	(blank)	SMAST	E
					Nitrates	232.7	ug/L	(blank)	SMAST	E
					Orthophosphate	1.72	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	22.7	mg/L	(blank)	SMAST	E
					Total Phosphorus	2484.52	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	1:15 PM	CBOD 20	18.0	mg/L		EAI	E
					CBOD 5	6.0	mg/L		EAI	E
					TKN	22.477	mg/L	(blank)	SMAST	E
					Total Nitrogen	43.594	mg/L	(blank)	SMAST	E
					Total Suspended Solids	8.0	mg/L		EAI	E

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Merrimack County NHG580935	MERR CO WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	7.0	mg/L		EAI	E
					CBOD 5	3.0	mg/L	<	EAI	E
					Total Suspended Solids	4.0	mg/L		EAI	E
				11:30 AM	Ammonia	6121.3	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	10	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	9424.7	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1880.1	ug/L		SMAST	E
					Nitrates	3303.4	ug/L		SMAST	E
					Orthophosphates	9098.52	ug/L		SMAST	E
					Particulate Organic Carbon	2162	ug/L		SMAST	E
					Particulate Organic Nitrogen	250.9	ug/L		SMAST	E
					TKN	8.252	mg/L		SMAST	E
					Total Nitrogen	11.556	mg/L		SMAST	E
					Total Phosphorus	8963.22	ug/L		SMAST	E
	MERR CO WW-E-LF1	7/27/2010	LF1	8:40 AM	Ammonia	7380.3	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					CBOD 20	7.0	mg/L		SMAST	E
					CBOD 5	3.8	mg/L		SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	9987.3	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1053.3	ug/L		SMAST	E
					Nitrates	2607.0	ug/L		SMAST	E
					Orthophosphates	5328.84	ug/L		SMAST	E
					Particulate Organic Carbon	3196	ug/L		SMAST	E
					Particulate Organic Nitrogen	525.9	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
					TKN	8.960	mg/L		SMAST	E
					Total Nitrogen	11.567	mg/L		SMAST	E
					Total Phosphorus	5859.33	ug/L		SMAST	E
					Total Suspended Solids	8.3	mg/L		SMAST	E
					Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
	MERR CO WW-E-HF1	5/17/2012	HF1	8:40 AM	Ammonia	12386.0	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	18982.7	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	1883.9	ug/L	(blank)	SMAST	E
					Nitrates	6596.6	ug/L	(blank)	SMAST	E
					Orthophosphate	5.41	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	20.9	mg/L	(blank)	SMAST	E
					Total Phosphorus	6705.38	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	8:40 AM	CBOD 20	9.0	mg/L		EAI	E
					CBOD 5	4.0	mg/L	(blank)	EAI	E
					TKN	14.270	mg/L	(blank)	SMAST	E
					Total Nitrogen	39.849	mg/L	(blank)	SMAST	E
					Total Suspended Solids	5.0	mg/L		EAI	E

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Penacook NH0100331	PENA WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	8.0	mg/L		EAI	E
					CBOD 5	4.0	mg/L		EAI	E
				12:15 PM	Total Suspended Solids	8.0	mg/L		EAI	E
					Ammonia	1203.4	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	3036.0	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1468.0	ug/L		SMAST	E
					Nitrates	1832.5	ug/L		SMAST	E
					Orthophosphates	3522.02	ug/L		SMAST	E
					Particulate Organic Carbon	3832	ug/L		SMAST	E
					Particulate Organic Nitrogen	622.6	ug/L		SMAST	E
					TKN	3.294	mg/L		SMAST	E
					Total Nitrogen	5.127	mg/L		SMAST	E
					Total Phosphorus	4174.92	ug/L		SMAST	E
	PENA WW-E-LF1	7/27/2010	LF1	8:00 AM	Ammonia	1855.0	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					CBOD 20	13.0	mg/L		SMAST	E
					CBOD 5	6.4	mg/L		SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	3219.0	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1443.7	ug/L		SMAST	E
					Nitrates	1364.0	ug/L		SMAST	E
					Orthophosphates	3394.72	ug/L		SMAST	E
					Particulate Organic Carbon	4333	ug/L		SMAST	E
					Particulate Organic Nitrogen	745.4	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
					TKN	4.044	mg/L		SMAST	E
					Total Nitrogen	5.408	mg/L		SMAST	E
					Total Phosphorus	4738.12	ug/L		SMAST	E
					Total Suspended Solids	11.6	mg/L		SMAST	E
	PENA WW-E-HF1	5/17/2012	HF1	7:30 AM	Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
					Ammonia	11995.4	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	12444.4	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	622.7	ug/L	(blank)	SMAST	E
					Nitrates	449.1	ug/L	(blank)	SMAST	E
					Orthophosphate	0.50	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	13.1	mg/L	(blank)	SMAST	E
					Total Phosphorus	1270.59	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	7:30 AM	CBOD 20	15.0	mg/L		EAI	E
					CBOD 5	7.0	mg/L		EAI	E
					TKN	12.618	mg/L	(blank)	SMAST	E
					Total Nitrogen	25.512	mg/L	(blank)	SMAST	E
					Total Suspended Solids	10.0	mg/L		EAI	E

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Hall St NH0100901	HALL ST WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	17.0	mg/L		EAI	E
					CBOD 5	7.0	mg/L		EAI	E
				12:00 PM	Total Suspended Solids	12.0	mg/L		EAI	E
					Ammonia	28810.1	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	29360.3	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1.0	ug/L	<	SMAST	E
					Nitrates	550.2	ug/L		SMAST	E
					Orthophosphates	4178.88	ug/L		SMAST	E
					Particulate Organic Carbon	6324	ug/L		SMAST	E
					Particulate Organic Nitrogen	1126.7	ug/L		SMAST	E
					TKN	29.938	mg/L		SMAST	E
					Total Nitrogen	29.336	mg/L		SMAST	E
					Total Phosphorus	4697.59	ug/L		SMAST	E
	HALL ST WW-E-LF1	7/27/2010	LF1	8:15 AM	Ammonia	26879.2	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	6	ratio		SMAST	E
					CBOD 20	18.0	mg/L		SMAST	E
					CBOD 5	12.0	mg/L		SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	27086.6	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1.0	ug/L	<	SMAST	E
					Nitrates	207.4	ug/L		SMAST	E
					Orthophosphates	2337.15	ug/L		SMAST	E
					Particulate Organic Carbon	8892	ug/L		SMAST	E
					Particulate Organic Nitrogen	1659.2	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
					TKN	28.539	mg/L		SMAST	E
					Total Nitrogen	28.747	mg/L		SMAST	E
					Total Phosphorus	3364.06	ug/L		SMAST	E
					Total Suspended Solids	23.8	mg/L		SMAST	E
					Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
	HALL ST WW-E-HF1	5/17/2012	HF1	8:00 AM	Ammonia	22933.6	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	24036.8	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	720.4	ug/L	(blank)	SMAST	E
					Nitrates	1103.2	ug/L	(blank)	SMAST	E
					Orthophosphate	2.69	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	24.8	mg/L	(blank)	SMAST	E
					Total Phosphorus	2854.28	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	8:00 AM	CBOD 20	13.0	mg/L		EAI	E
					CBOD 5	5.0	mg/L		EAI	E
					TKN	22.819	mg/L	(blank)	SMAST	E
					Total Nitrogen	50.509	mg/L	(blank)	SMAST	E
					Total Suspended Solids	5.0	mg/L		EAI	E

Station Name	Sample ID	Sample Date	Event Code	Sample Time	Parameter	Value	Units	Flag	Laboratory	Sample Type Code
Allenstown NHG580714	ALLENS/SUNCOOK WW-E-LF2	9/21/2010	LF2	12:00 AM	CBOD 20	24.0	mg/L		EAI	E
					CBOD 5	5.0	mg/L		EAI	E
					Total Suspended Solids	15.0	mg/L		EAI	E
				12:30 PM	Ammonia	3752.8	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	7	ratio		SMAST	E
					Dissolved Inorganic Nitrogen	12511.8	ug/L		SMAST	E
					Dissolved Organic Nitrogen	2817.2	ug/L		SMAST	E
					Nitrates	8759.0	ug/L		SMAST	E
					Orthophosphates	7422.11	ug/L		SMAST	E
					Particulate Organic Carbon	10545	ug/L		SMAST	E
					Particulate Organic Nitrogen	1793.0	ug/L		SMAST	E
					TKN	8.363	mg/L		SMAST	E
					Total Nitrogen	17.122	mg/L		SMAST	E
					Total Phosphorus	9045.30	ug/L		SMAST	E
	ALLENS/SUNCOOK WW-E-LF1	7/27/2010	LF1	9:00 AM	Ammonia	6737.5	ug/L		SMAST	E
					Carbon to Nitrogen Ratio	6	ratio		SMAST	E
					CBOD 20	8.1	mg/L		SMAST	E
					CBOD 5	11.0	mg/L		SMAST	E
					Chl-a + Phaeo.	(blank)	mg/L	NS	SMAST	E
					Chl-a to Chl-a + Phaeo. Ratio	(blank)	ratio	NS	SMAST	E
					Chlorophyll-a	(blank)	ug/L	NS	SMAST	E
					Dissolved Inorganic Nitrogen	9373.3	ug/L		SMAST	E
					Dissolved Organic Nitrogen	1881.4	ug/L		SMAST	E
					Nitrates	2635.8	ug/L		SMAST	E
					Orthophosphates	5288.00	ug/L		SMAST	E
					Particulate Organic Carbon	5454	ug/L		SMAST	E
					Particulate Organic Nitrogen	1065.1	ug/L		SMAST	E
					Phaeophytin	(blank)	mg/L	NS	SMAST	E
					TKN	9.684	mg/L		SMAST	E
					Total Nitrogen	12.320	mg/L		SMAST	E
					Total Phosphorus	5979.35	ug/L		SMAST	E
					Total Suspended Solids	13.0	mg/L		SMAST	E
	ALLENS/SUNCOOK WW-E-HF1	5/17/2012	HF1	8:55 AM	Winkler Dissolved Oxygen	(blank)	mg/L	NS	SMAST	E
					Ammonia	1702.0	ug/L	(blank)	SMAST	E
					Dissolved Inorganic Nitrogen	10981.4	ug/L	(blank)	SMAST	E
					Dissolved Organic Nitrogen	2927.5	ug/L	(blank)	SMAST	E
					Nitrates	9279.3	ug/L	(blank)	SMAST	E
					Orthophosphate	0.97	mg/L	(blank)	SMAST	E
					Total Dissolved Nitrogen	13.9	mg/L	(blank)	SMAST	E
					Total Phosphorus	3950.58	ug/L	(blank)	SMAST	E
		5/18/2012	HF1	8:55 AM	CBOD 20	11.0	mg/L		EAI	E
					CBOD 5	5.0	mg/L		EAI	E
					TKN	4.630	mg/L	(blank)	SMAST	E
					Total Nitrogen	24.890	mg/L	(blank)	SMAST	E
					Total Suspended Solids	11.0	mg/L		EAI	E