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Ambient Rivers Monitoring in the Great Bay Estuary Watershed 2006

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Ambient Rivers Monitoring in The Great Bay Estuary Watershed 2006

A Final Report to

The New Hampshire Estuaries Project

Submitted by

Natalie Landry New Hampshire Department of Environmental Services 29 Hazen Drive Concord, NH 03301

August 2007

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EXECUTIVE SUMMARY

The Department of Environmental Services (DES) received funding from the New Hampshire Estuaries Project (NHEP) to conduct monitoring activities in 2006. The activities described in this report were led by the DES Watershed Assistance Section and involved water monitoring at the head-of-tide in nine tidal tributaries. Other DES staff conducted laboratory analyses. These monitoring activities were completed with the overall purpose of improving the understanding of water quality trends. DES completed all tasks as planned. This report includes the sample collection information, field and laboratory data, and quality assurance information. Data summaries and interpretations will come at a later time in other DES and NHEP publications.

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INTRODUCTION

On June 21, 2006, the New Hampshire Governor and the Executive Council approved a memorandum of agreement (MOA) between the Department of Environmental Services (DES) and the University of New Hampshire (UNH) to implement aspects of the New Hampshire Estuaries Project *Management Plan* (NHEP, 2000) and *Monitoring Plan* (Trowbridge, 2002). This report covers the Coastal Ambient Rivers Monitoring Program aspects in the MOA.

The NHEP accomplishes its monitoring program by promoting cooperation by all agencies and organizations who participate in monitoring activities, in order to maximize the usefulness of current monitoring efforts (Jones and Langan, 2001). DES directs a state-wide river monitoring program called the Ambient River Monitoring Program (ARMP). The main goal of this program is to determine the physical, chemical and bacteriological quality of rivers in the state. Sampling typically occurs on a rotating basis by watershed during the summer months. The NHEP needed more frequent monitoring to meet the monitoring plan objectives. The NHEP and DES worked out an agreement to use the ARMP protocols, laboratory, and database while increasing the frequency of sampling collection to include monitoring of the nine major coastal rivers in the Great Bay Estuary during ice-out conditions.

The purpose of this report is to provide a record of completed river monitoring activities and the associated raw data. All data collected will be provided to the NHEP Coastal Scientist (Phil Trowbridge) for synthesis and interpretation. The NHEP Coastal Scientist will manage the data presented in this Final Report and will make conclusions under separate cover at a later time.

PROJECT GOALS AND OBJECTIVES

The overall goal of the NHEP monitoring program is to develop a better understanding of the status and trends of estuarine environmental quality using scientifically credible information. The *Monitoring Plan* was also developed to evaluate the success of the NHEP *Management Plan* objectives and this was accomplished by converting the *Management Plan* objectives into monitoring questions.

The *Monitoring Plan* questions that pertain, at least in part, to the river monitoring are as follows:

- 1. Have the fecal coliform, enterococci, and E. coli levels changed significantly over time?
- 2. Has dry weather bacterial contamination changed significantly over time?
- 3. Has wet weather bacterial contamination changed significantly over time?
- 4. Have levels of dissolved and particulate nitrogen and phosphorus significantly changed over time?
- 5. Have surface tidal or freshwaters shown a significant change in turbidity over time?
- 6. Do any surface tidal or freshwaters show less than 75% saturation of dissolved oxygen? For what period of time?

SITE SELECTION AND METHODS

Initial site selection for ambient tributary monitoring was based six existing DES ARMP sites at the Great Bay Estuary tidal dams on the Exeter, Lamprey, Oyster, Bellamy, Cocheco and Salmon Falls Rivers. Two additional sites were established on the freshwater portions of two Little Harbor tributaries, Berry's Brook and Sagamore Creek. These two site locations were added to broaden the spatial coverage of the ambient monitoring to ensure adequate coverage of tributaries that discharge into shellfish growing waters. An additional Great Bay Estuary site was established on the Winnicut River at the tidal dam in March 2002. This new site was added because the Winnicut River is a significant tributary to Great Bay that was not currently monitored for water quality. A site map is provided in Appendix A.

Field and laboratory methods were conducted in accordance with the DES ARMP standard procedures as described in the *Ambient River Monitoring Program Quality Assurance Project Plan*. Samples were collected from the freshwater portion of the rivers at the downstream side of road crossings (except at where it is unsafe and then the sampling is conducted on the upstream side) using a sampling bucket and rope. Field measurements were made for dissolved oxygen, temperature, specific conductance, pH, and turbidity. River water was poured into sampling containers for laboratory analysis for total Kjeldahl nitrogen (TKN), ammonia, nitrate/nitrite, total phosphorus, *E. coli*, total suspended solids and chlorophyll-a. Samples were transported to and analyzed by the DES Laboratory Services Unit and the Limnology Laboratory.

The DES Watershed Assistance Staff collected samples on a pre-scheduled monthly basis from March through December 2006 at the nine sampling sites. Due to the expanded quality assurance requirements of ARMP in 2003 and the delivery time limitations of the Laboratory Services Unit, the sampling was conducted over a two day period. The sites and sampling dates are listed below in Tables 1 and 2, respectively.

Table 1 Sampling sites for ambient river monitoring 2006

Site Identification	River	Town
05-BER	Berry's Brook	Rye
05-SAG	Sagamore Creek	Portsmouth
02-WNC	Winnicut River	Greenland
09-EXT	Exeter River	Exeter
05-LMP	Lamprey River	Newmarket
05-OYS	Oyster River	Durham
05-BLM	Bellamy River	Dover
07-CCH	Cocheco River	Dover
05-SFR	Salmon Falls River	Rollinsford

Table 2 Sampling dates for ambient river monitoring 2006

Date Sampled	Sampling Sites
3/20/06	05-BER, 05-SAG, 02-WNC, 09-EXT
3/22/06	05-SFR, 07-CCH, 05-BLM, 05-OYS, 05-LMP
4/24/06	05-BER, 05-SAG, 02-WNC, 09-EXT
4/26/06	05-SFR, 07-CCH, 05-BLM, 05-OYS, 05-LMP
5/31/06	05-BER, 05-SAG, 02-WNC, 09-EXT
6/2/06	05-SFR, 07-CCH, 05-BLM, 05-OYS, 05-LMP
6/19/06	05-SFR, 07-CCH, 05-BLM, 05-OYS, 05-LMP
6/21/06	05-BER, 05-SAG, 02-WNC, 09-EXT
7/18/06	05-BER, 05-SAG, 02-WNC, 09-EXT
7/19/06	05-SFR, 07-CCH, 05-BLM, 05-OYS, 05-LMP
8/15/06	05-BER, 05-SAG, 02-WNC, 09-EXT
8/16/06	05-SFR, 07-CCH, 05-BLM, 05-OYS, 05-LMP
9/19/06	05-SFR, 07-CCH, 05-BLM, 05-OYS
9/20/06	05-OYS, 09-EXT, 02-WNC, 05-SAG, 05-BER
10/17/06	05-SFR, 07-CCH, 05-BLM, 05-OYS, 05-LMP
10/18/06	09-EXT, 02-WNC, 05-SAG, 05-BER
11/15/05	07-CCH, 06-BLM, 05-OYS, 05-LMP, 02-WNC
11/16/06	05-SFR, 09-EXT, 05-SAG, 05-BER
12/06/06	05-SFR, 07-CCH, 06-BLM, 05-OYS
12/07/06	05-LMP, 09-EXT, 02-WNC, 05-SAG, 05-BER

FIELD AND LABORATORY DATA

Ambient river data for 2006 are in Appendix B. The data are organized by sampling site and date. Access to the data is available at the DES website, which can be accessed by selecting environmental monitoring data at http://www.des.state.nh.us/OneStop/.

Duplicate measures of field parameters and laboratory samples were collected once per month at one of the nine sampling sites (see Table 3) as required by the *Quality Assurance Project Plan* (Piszczek, 2002). Data retention for water quality assessment purposes is contingent on compliance with a parameter-specific relative percent difference (RPD) as described in the QAPP and Table 4. Several data did not comply with the RPDs. A list of the results that were deemed invalid (both field and laboratory measures) is provided in Appendix C and this is noted in the data tables (Appendix B).

Table 3 Field and laboratory duplicate dates and sites

Date	Sampling Site
3/20/06	02-WNC
4/24/06	02-WNC
5/31/06	05-BER
6/21/06	02-WNC
7/18/06	05-BER
8/15/06	05-BER
9/19/06	05-OYS
10/18/06	05-SAG
11/16/06	05-SAG
12/06/06	O5-OYS

Table 4 Field analytical QC sample table.

Water Quality	QC Check	QC Acceptance		
Parameter		Limit		
Dissolved Oxygen	Field duplicate	RPD < 5%		
Temperature	Field duplicate	RPD < 5%		
pH	Field duplicate	RPD < 0.2 std units		
Specific Conductance	Field duplicate	RPD < 5%		
Turbidity	Field duplicate	RPD < 5%		

RECOMMENDATIONS

The following recommendations pertain to the ambient monitoring of coastal rivers.

- 1. Monitoring should continue on a monthly basis at the nine coastal river sites to continue trend monitoring of ambient river quality. Baseline conditions and trends will be important in regards to measuring the success of the NHEP *Management Plan* implementation.
- 2. An additional site should be added at the head-of-tide of the Great Works River, a tributary to the Salmon Falls River. The Salmon Falls River sampling location is upstream of this major river tributary.

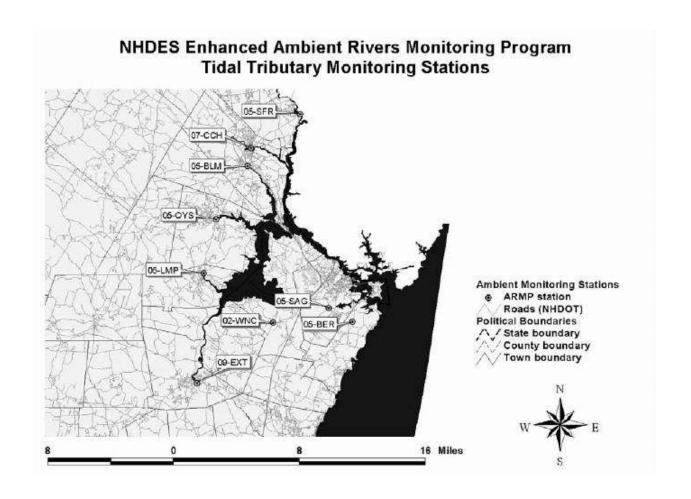
REFERENCES

Jones, S. H. and R. Langan. 2001. *New Hampshire Estuaries Monitoring Plan*. New Hampshire Estuaries Project, Office of State Planning, Portsmouth, NH.

NHEP. 2000. *New Hampshire Estuaries Project Management Plan*. New Hampshire Estuaries Project, Office of State Planning. Portsmouth, New Hampshire.

- Piszczek, P. 2002. *Ambient River Monitoring Program Quality Assurance Project Plan.* NH Department of Environmental Services, Water Division-Watershed Management Bureau, Concord, NH.
- Trowbridge, P. 2002. *New Hampshire Estuaries Project Monitoring Plan*. New Hampshire Department of Environmental Services, Concord, NH.

APPENDIX A - RIVER MONITORING SITE LOCATIONS



APPENDIX B – AMBIENT RIVER DATA FOR COASTAL TRIBUTARIES

Winnicut River at Rt. 33 Bridge, Greenland, 02-WNC

Note: Data not meeting RPD are shaded.

ACTIVITY	START	START	CHL	CHL	DO	DO	DO SAT	DO SAT			
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS			
ROUTINE											
SAMPLE	03/20/2006	10:28:00	1.47	UG/L	13.22	MG/L	96.3	%			
FIELD DUPLICATE	03/20/2006	10:28:00	1.64	UG/L	13.04	MG/L	94.8	%			
ROUTINE SAMPLE	04/24/2006	10:22:00	NDR	UG/L	9.12	MG/L	80.9	%			
FIELD DUPLICATE	04/24/2006	10:22:00			9.11	MG/L	80.7	%			
ROUTINE SAMPLE	05/31/2006	12:00:00	3.04	UG/L	3.99	MG/L	47.4	%			
ROUTINE SAMPLE	06/21/2006	10:32:00	3.04	UG/L	4.09	MG/L	48.3	%			
FIELD DUPLICATE	06/21/2006	10:32:00	3.96	UG/L	5.62	MG/L	63.2	%			
ROUTINE SAMPLE	07/18/2006	10:20:00	1.16	UG/L	3.11	MG/L	38.9	%			
ROUTINE SAMPLE	08/15/2006	10:26:00	7.06	UG/L	6.54	MG/L	74.8	%			
ROUTINE SAMPLE	09/20/2006	10:45:00	3.94	UG/L	5.72	MG/L	62.3	%			
ROUTINE SAMPLE	10/18/2006	10:31:00	2.28	UG/L	8.57	MG/L	75.1	%			
ROUTINE SAMPLE	11/15/2006	11:08:00	1.2	UG/L	8.45	MG/L	76.3	%			
ROUTINE SAMPLE	12/07/2006	10:25:00	0.68	UG/L	12.02	MG/L	87.6	%			
A 0 = 11 (1 = 1) (07477	07407								- 1611	
ACTIVITY	START	START	EC	EC	EC	NITR	NITR	NITR	TKN	TKN	
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	QUALIFIER	UNITS	RESULTS	UNITS	
ROUTINE SAMPLE	03/20/2006	10:28:00	10		CTS/100ML	0.2	<	MG/L	0.4	MG/L	
FIELD DUPLICATE	03/20/2006	10:28:00	10	<	CTS/100ML	0.2	<	MG/L	0.3	MG/L	
ROUTINE SAMPLE	04/24/2006	10:22:00	330		CTS/100ML	ND		MG/L	0.42	MG/L	

FIELD DUDU IOATE	04/04/0000	40.00.00	000		OTO/400MI	ND		NAO/I	0.44	NAO/I	
FIELD DUPLICATE ROUTINE	04/24/2006	10:22:00	260		CTS/100ML	ND		MG/L	0.44	MG/L	
SAMPLE	05/31/2006	12:00:00	160		CTS/100ML	0.16		MG/L	0.7	MG/L	
ROUTINE	00.02000	12.00.00			0.07.002	00			<u> </u>		
SAMPLE	06/21/2006	10:32:00	110		CTS/100ML	0.19		MG/L	0.9	MG/L	
FIELD DUPLICATE	06/21/2006	10:32:00	70		CTS/100ML	0.082		MG/L	0.9	MG/L	
ROUTINE											
SAMPLE	07/18/2006	10:20:00	ND		CTS/100ML	0.09		MG/L	1	MG/L	
ROUTINE	00/45/2000	10.00.00	60		CTC/400MI	ND		MO	0.7	NAC (I	
SAMPLE ROUTINE	08/15/2006	10:26:00	60		CTS/100ML	ND		MG/L	0.7	MG/L	
SAMPLE	09/20/2006	10:45:00	1590		CTS/100ML	0.055		MG/L	0.52	MG/L	
ROUTINE											
SAMPLE	10/18/2006	10:31:00	90		CTS/100ML	ND		MG/L	0.61	MG/L	
ROUTINE					0=0//001#						
SAMPLE	11/15/2006	11:08:00	60		CTS/100ML	ND		MG/L	0.48	MG/L	
ROUTINE SAMPLE	12/07/2006	10:25:00	20		CTS/100ML	ND		MG/L	0.4	MG/L	
O/ WII EE	12/01/2000	10.20.00	20		O TO/ TOOME	IND		IVIO/E	0.4	IVIO/L	
ACTIVITY	START	START	NO2NO3	NO2NO3	NO2NO3	DН	DН	D	D	COND	COND
ACTIVITY	START	START	NO2NO3	NO2NO3	NO2NO3	PH PESILITS	PH	P PESIII TS	P	COND	COND
CATEGORY	START DATE	START TIME	NO2NO3 RESULTS	NO2NO3 QUALIFIER	NO2NO3 UNITS	PH RESULTS	PH UNITS	P RESULTS	P UNITS	COND RESULTS	COND UNITS
	+	+				+		-		_	+
CATEGORY ROUTINE	DATE	TIME	RESULTS		UNITS	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS
CATEGORY ROUTINE SAMPLE	DATE 03/20/2006	TIME 10:28:00	0.23 0.23		UNITS MG/L	7.01	UNITS UNITS	RESULTS 0.027	UNITS MG/L	RESULTS 201.6	UNITS UMHOS/CM
CATEGORY ROUTINE SAMPLE FIELD DUPLICATE	DATE 03/20/2006	TIME 10:28:00	RESULTS 0.23		UNITS MG/L	7.01	UNITS UNITS	RESULTS 0.027	UNITS MG/L	RESULTS 201.6	UNITS UMHOS/CM
CATEGORY ROUTINE SAMPLE FIELD DUPLICATE ROUTINE SAMPLE FIELD DUPLICATE	03/20/2006 03/20/2006	10:28:00 10:28:00	0.23 0.23		MG/L MG/L	7.01 7	UNITS UNITS UNITS	0.027 0.028	MG/L MG/L	201.6 201.2	UNITS UMHOS/CM UMHOS/CM
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CATEGORY ROUTINE SAMPLE FIELD DUPLICATE ROUTINE SAMPLE FIELD DUPLICATE ROUTINE SAMPLE	03/20/2006 03/20/2006 04/24/2006	10:28:00 10:28:00 10:22:00	0.23 0.23 0.23		MG/L MG/L MG/L	7.01 7 6.76	UNITS UNITS UNITS UNITS	0.027 0.028 0.036	MG/L MG/L MG/L	201.6 201.2 365.8	UNITS UMHOS/CM UMHOS/CM UMHOS/CM
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CATEGORY ROUTINE SAMPLE FIELD DUPLICATE ROUTINE SAMPLE FIELD DUPLICATE ROUTINE SAMPLE ROUTINE SAMPLE ROUTINE SAMPLE ROUTINE SAMPLE	03/20/2006 03/20/2006 03/20/2006 04/24/2006 04/24/2006 05/31/2006	10:28:00 10:28:00 10:22:00 10:22:00 12:00:00 10:32:00	0.23 0.23 0.2 0.2 0.2 0.22		MG/L MG/L MG/L MG/L MG/L MG/L MG/L	7.01 7 6.76 6.95 6.64 6.66	UNITS UNITS UNITS UNITS UNITS UNITS UNITS	0.027 0.028 0.036 0.032 0.18	MG/L MG/L MG/L MG/L MG/L MG/L	201.6 201.2 365.8 365.8 302.6	UNITS UMHOS/CM UMHOS/CM UMHOS/CM UMHOS/CM UMHOS/CM
CATEGORY ROUTINE SAMPLE FIELD DUPLICATE ROUTINE SAMPLE FIELD DUPLICATE ROUTINE SAMPLE ROUTINE SAMPLE ROUTINE SAMPLE FIELD DUPLICATE	03/20/2006 03/20/2006 04/24/2006 04/24/2006 05/31/2006	10:28:00 10:28:00 10:22:00 10:22:00 12:00:00	0.23 0.23 0.2 0.2 0.2		MG/L MG/L MG/L MG/L MG/L	7.01 7 6.76 6.95 6.64	UNITS UNITS UNITS UNITS UNITS UNITS	0.027 0.028 0.036 0.032	MG/L MG/L MG/L MG/L MG/L	201.6 201.2 365.8 365.8 302.6	UNITS UMHOS/CM UMHOS/CM UMHOS/CM UMHOS/CM UMHOS/CM
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ROUTINE	40/40/0000	40.04.00	0.44		NAO (I	7.40	LINUTO	0.05	N40/I	240.4	LINALIOCIONA
SAMPLE ROUTINE	10/18/2006	10:31:00	0.11		MG/L	7.12	UNITS	0.05	MG/L	319.1	UMHOS/CM
SAMPLE	11/15/2006	11:08:00	ND		MG/L	7.19	UNITS	0.038	MG/L	150.6	UMHOS/CM
ROUTINE											
SAMPLE	12/07/2006	10:25:00	0.28		MG/L	5.89	UNITS	0.028	MG/L	261.1	UMHOS/CM
ACTIVITY	START	START	TEMP	TEMP	TSS	TSS	TSS	TURB	TURB	WEATHER O	COMMENTS
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	RESULTS	
ROUTINE										CLOUDY W/	O RAIN, WIND,
SAMPLE	03/20/2006	10:28:00	2.3	DEG C	5	<	MG/L	1.4	NTU	30'S	
										CLOUDY W/	
FIELD DUPLICATE	03/20/2006	10:28:00	2.1	DEG C	5	<	MG/L	1.5	NTU	WINDY, 30'S	
ROUTINE										CLOUDY W/	O RAIN,
SAMPLE	04/24/2006	10:22:00	10	DEG C	6		MG/L	3.6	NTU	CALM, 40'S	0.5404
FIELD DUDU IOATE	0.4/0.4/0000	40.00.00	40	DEO O	0		NAO/I	0.7	NITH	CLOUDY W/	O RAIN,
FIELD DUPLICATE	04/24/2006	10:22:00	10	DEG C	2		MG/L	3.7	NTU	CALM, 40S	
ROUTINE SAMPLE	05/31/2006	12:00:00	24	DEG C	ND		MG/L	10	NTU	CLEAR, BRE	E7E 700
ROUTINE	03/31/2000	12.00.00	24	DEG C	IND		IVIG/L	10	INTO	CLEAN, BNL	LEZE, 103
SAMPLE	06/21/2006	10:32:00	23.6	DEG C	ND		MG/L	10	NTU	CLEAR, BRE	FZF 70S
07 HVII 22	00/21/2000	10.02.00	20.0	5200	112		10072		1110	CLOUDY W/	
FIELD DUPLICATE	06/21/2006	10:32:00	21.2	DEG C	0		MG/L	3.4	NTU	BREEZE, 60	
ROUTINE											
SAMPLE	07/18/2006	10:20:00	26.2	DEG C	ND		MG/L	4.5	NTU	CLEAR, BRE	•
ROUTINE										CLOUDY W/	
SAMPLE	08/15/2006	10:26:00	22.1	DEG C	ND		MG/L	5.2	NTU	BREEZE, 70	S
ROUTINE SAMPLE	09/20/2006	10:45:00	19.4	DEG C	ND		MG/L	9.8	NTU	CLEAR, BRE	:E7E 80'S
ROUTINE	03/20/2000	10.45.00	13.4	DEG 0	IND		IVIO/L	3.0	1110	CLOUDY W/	
SAMPLE	10/18/2006	10:31:00	9.4	DEG C	ND		MG/L	6.5	NTU	CALM, 60'S	O TO MIN,
ROUTINE	10.10.200				.,,_			0.0		CLOUDY W/	O RAIN.
SAMPLE	11/15/2006	11:08:00	10.8	DEG C	ND		MG/L	4.4	NTU	BREEZE, 60	
ROUTINE										CLEAR, BRE	EZE, 40S
SAMPLE	12/07/2006	10:25:00	2.3	DEG C	ND		MG/L	3.7	NTU		
		1									
Legend											
CHL	CHLOROPHY	YLL A, UNCO	RRECTED FO	R PHEOPHYTI	N						
DO	DISSOLVED	OXYGEN									

DO SAT	DISSOLVED OXYGEN SATURATION	
DELETED	LAB ACCIDENT/ERROR	
EC	ESCHERICHIA COLI	
NITR	NITROGEN AMMONIA	
TKN	NITROGEN KJELDAHL	
nd	NO SAMPLE COLLECTED OR NO MEASUREMENT MADE	
ndr	DID NOT MEET LAB QC	
NO2NO3	NITROGEN NITRATE + NITRITE	
Р	PHOSPHORUS AS P	
QUAL	QUALIFIER QUALIFIER	
COND	SPECIFIC CONDUCTANCE	
TEMP	TEMPERATURE WATER	
TSS	TOTAL SUSPENDED SOLIDS	
TURB	TURBIDITY URBIDITY	

Berry's Brook at Sagamore Ave., Rye, 05-BER Note: Data not meeting RPD are shaded.

ACTIVITY	START	START	CHL	CHL	DO	DO	DO SAT	DO SAT		
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS		
ROUTINE										
SAMPLE	03/20/2006	09:27:00	0.9	UG/L	11.13	MG/L	77.4	%		
ROUTINE SAMPLE	04/24/2006	10:59:00	NDR	UG/L	7.16	MG/L	61.3	%		
ROUTINE SAMPLE	05/31/2006	10:52:00	3.77	UG/L	2.63	MG/L	29.5	%		
FIELD DUPLICATE	05/31/2006	10:52:00	2.35	UG/L	4.32	MG/L	45.7	%		
ROUTINE SAMPLE	06/21/2006	09:24:00	2.54	UG/L	4.43	MG/L	46.9	%		
ROUTINE	07/18/2006	09:32:00	-1.28	UG/L	1.78	MG/L	21.1	%		

SAMPLE											
FIELD											
DUPLICATE	07/18/2006	09:32:00	2.95	UG/L	1.92	MG/L	23.2	%			
ROUTINE											
SAMPLE	08/15/2006	09:34:00	3.8	UG/L	2.74	MG/L	30.2	%			
FIELD											
DUPLICATE	08/15/2006	09:34:00	3.43	UG/L	2.87	MG/L	31.7	%			
ROUTINE	00/00/0000	00 50 00	4.00	110/	4.40	N40//	40.7	0/			
SAMPLE ROUTINE	09/20/2006	09:50:00	1.93	UG/L	4.12	MG/L	43.7	%			
SAMPLE	10/18/2006	09:39:00	1.22	UG/L	6.25	MG/L	55.8	%			
ROUTINE	10/10/2000	09.59.00	1.22	UG/L	0.23	IVIG/L	33.0	70			
SAMPLE	11/16/2006	11:27:00	0.49	UG/L	5.9	MG/L	54.6	%			
ROUTINE			01.10		0.0		00	7.0			
SAMPLE	12/07/2006	10:51:00	0.63	UG/L	10.18	MG/L	73.9	%			
ACTIVITY	START	START	EC	EC	EC	NITR	NITR	NITR	TKN	TKN	
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	
ROUTINE				· ·							
SAMPLE	03/20/2006	09:27:00	10	<	CTS/100ML	0.2	<	MG/L	0.4	MG/L	
ROUTINE											
SAMPLE	04/24/2006	10:59:00	120		CTS/100ML	ND		MG/L	0.69	MG/L	
ROUTINE	05/04/0000	10 50 00	050		OTO (400NII)	ND		N40/I	_	140/	
SAMPLE	05/31/2006	10:52:00	350		CTS/100ML	ND		MG/L	1	MG/L	
FIELD DUPLICATE	05/31/2006	10:52:00	80		CTS/100ML	ND		MG/L	0.8	MG/L	
ROUTINE	03/31/2000	10.32.00	00		C 13/ TOOIVIL	ND		IVIG/L	0.0	IVIG/L	
SAMPLE	06/21/2006	09:24:00	80		CTS/100ML	ND		MG/L	0.7	MG/L	
ROUTINE								_	-	-	
SAMPLE	07/18/2006	09:32:00	170		CTS/100ML	ND		MG/L	1	MG/L	
FIELD											
DUPLICATE	07/18/2006	09:32:00	60		CTS/100ML	ND		MG/L	1	MG/L	
ROUTINE	00/45/0000	00 04 00	400		OTO (400NII)	0.05		N40/I	_	140/	
SAMPLE	08/15/2006	09:34:00	490		CTS/100ML	0.05		MG/L	1	MG/L	
FIELD DUPLICATE	08/15/2006	09:34:00	450		CTS/100ML	0.05		MG/L	0.9	MG/L	
ROUTINE	00/10/2000	09.34.00	400		C 13/ TOUIVIL	0.05		IVIG/L	0.9	IVIG/L	
SAMPLE	09/20/2006	09:50:00	1560		CTS/100ML	ND		MG/L	0.8	MG/L	
ROUTINE	10/18/2006	09:39:00	150		CTS/100ML	ND		MG/L	0.66	MG/L	

SAMPLE														
ROUTINE														
SAMPLE	11/16/2006	11:27:00	370		CTS/100ML	ND		MG/L	0.77	MG/L				
ROUTINE	40/07/0000	40.54.00	70		OTO/4008#	ND		N40/I	0.4	N40/I				
SAMPLE	12/07/2006	10:51:00	70		CTS/100ML	ND		MG/L	0.4	MG/L				
ACTIVITY	START	START	NO2NO3	NO2NO3	NO2NO3	PH	PH	Р	P	COND	COND			
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS			
ROUTINE														
SAMPLE	03/20/2006	09:27:00	0.05	<	MG/L	6.39	UNITS	0.032	MG/L	151.5	UMHOS/CM			
ROUTINE														
SAMPLE	04/24/2006	10:59:00	ND		MG/L	6.35	UNITS	0.044	MG/L	290.9	UMHOS/CM			
ROUTINE SAMPLE	05/31/2006	10:52:00	ND		MG/L	6.00	UNITS	0.065	MG/L	241.0	UMHOS/CM			
SAMPLE FIELD	03/31/2000	10.52.00	עאו		IVIG/L	6.08	OINITO	0.000	IVIG/L	241.9	UIVITUS/UIVI			
DUPLICATE	05/31/2006	10:52:00	ND		MG/L	6.65	UNITS	0.043	MG/L	258.9	UMHOS/CM			
ROUTINE	33/3/1/2000	10.02.00	110		1410/1	0.00	5,4110	0.040	IVIO/L	200.0	31411 13 37 3141			
SAMPLE	06/21/2006	09:24:00	ND		MG/L	6.76	UNITS	0.044	MG/L	258	UMHOS/CM			
ROUTINE														
SAMPLE	07/18/2006	09:32:00	ND		MG/L	6.64	UNITS	0.074	MG/L	202	UMHOS/CM			
FIELD														
DUPLICATE	07/18/2006	09:32:00	ND		MG/L	6.27	UNITS	0.077	MG/L	202.1	UMHOS/CM			
ROUTINE SAMPLE	00/45/0000	00.24.00	ND		MOU	5.00	LINUTO	0.050	MO	246.0	LIMILIOC/CNA			
SAMPLE FIELD	08/15/2006	09:34:00	ND		MG/L	5.96	UNITS	0.052	MG/L	246.9	UMHOS/CM			
DUPLICATE	08/15/2006	09:34:00	ND		MG/L	6.02	UNITS	0.049	MG/L	247.1	UMHOS/CM			
ROUTINE	00/10/2000	00.01.00	112		111072	0.02	00	0.010	1110/2	2	51111 10 G/ G111			
SAMPLE	09/20/2006	09:50:00	ND		MG/L	6.06	UNITS	0.054	MG/L	210.2	UMHOS/CM			
ROUTINE														
SAMPLE	10/18/2006	09:39:00	ND		MG/L	6.27	UNITS	0.033	MG/L	224.4	UMHOS/CM			
ROUTINE														
SAMPLE	11/16/2006	11:27:00	ND		MG/L	7.03	UNITS	0.027	MG/L	137.5	UMHOS/CM			
ROUTINE	12/07/2006	10:51:00	ND		MC/I	5.50	UNITS	0.02	MC/I	195.6	UMHOS/CM			
SAMPLE	12/07/2006	10:51:00	ND		MG/L	5.59	UNITS	0.02	MG/L	185.6	UIVINUS/CIVI			
ACTIVITY	START	START	TEMP	TEMP	TSS	TSS	TSS	TURB	TURB	WEATHER (COMMENTS			
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS					
ROUTINE	DATE	IIIVIE	RESULTS	UNITS	RESULIS	QUAL	UNITO	KESULIS	UNITS	RESULIS				
SAMPLE	03/20/2006	09:27:00	0.6	DEG C	5	<	MG/L	2.9	NTU	J CLOUDY W/O RAIN, 20'S, BREEZE				
					-	14					,,			

ROUTINE												
SAMPLE	04/24/2006	10:59:00	8.6	DEG C	5		MG/L	2.3	NTU	CLOUDY W	<u>/O RAIN, CALM,</u>	40'S
ROUTINE SAMPLE	05/31/2006	10:52:00	20.9	DEG C	5		MG/L	2.2	NTU	CLEAR, CAI	LM 70S	
FIELD DUPLICATE	05/31/2006	10:52:00	18.2	DEG C	3.5		MG/L	1.6	NTU	CLOUDY W	/OUT RAIN, CAL	M 60S
ROUTINE										CALM, CLO	UDY WITHOUT	, 000
SAMPLE ROUTINE	06/21/2006	09:24:00	18.2	DEG C	9		MG/L	1.7	NTU	RAIN, 60S		
SAMPLE	07/18/2006	09:32:00	23.6	DEG C	ND		MG/L	1.9	NTU	CLEAR, BRI	EEZE, 80S	
FIELD DUPLICATE	07/18/2006	09:32:00	23.9	DEG C	ND		MG/L	1.9	NTU	CLEAR, BRI	EEZE, CALM, 80	s
ROUTINE SAMPLE	08/15/2006	09:34:00	20.1	DEG C	6		MG/L	2	NTU	CLOUDY W	/O RAIN, BREEZ	'F 70'S
FIELD	00/13/2000	03.54.00	20.1	DEGG	0		IVIO/L		IVIO	OLOODI W	70 IVAIIV, DIVELEZ	.L, 700
DUPLICATE	08/15/2006	09:34:00	20.2	DEG C	ND		MG/L	2	NTU	CLOUDY W	O RAIN, BREEZ	E, 70'S
ROUTINE SAMPLE	09/20/2006	09:50:00	18.1	DEG C	ND		MG/L	2.2	NTU	CLEAR, BRI	EEZE, 70'S	
ROUTINE SAMPLE	10/18/2006	09:39:00	10.3	DEG C	ND		MG/L	1.5	NTU	CLOUDY W	O RAIN, WINDY	7 60'5
ROUTINE	10/10/2000	00.00.00	10.0	DLOO	ND		IVIO/L	1.0	1110	OLOGBI W	70 TO (III V, VVIII V)	, 00 0
SAMPLE	11/16/2006	11:27:00	11.2	DEG C	ND		MG/L	1.2	NTU	CLOUDY W	/RAIN, CALM, 50	o'S
ROUTINE SAMPLE	12/07/2006	10:51:00	2.1	DEG C	ND		MG/L	0.8	NTU	CLEAR, BRI	FFZF 40S	
07 11111 ==	12/01/2000	10101100		2200				0.0				
Legend												
COND	SPECIFIC CONDUCTAN	ICE				TEMP	TEMPEDAT	URE WATER	<u> </u>			
CHL		LL A, UNCORI	DECTED FO		/TINI	TSS	+	SPENDED SO				
DO	DISSOLVED (•	RECTED FO	RPHEOPHI	TIIN	TURB	TURBIDITY					
DO SAT		OXYGEN SATI	JRATION									
DELETED	LAB ACCIDEN											
EC	ESCHERICHIA											
NITR	NITROGEN A											
TKN	NITROGEN K											
ND	NO SAMPLE COLLECTED OR NO MEASUREMENT MA				MADE							
NDR+A1	DID NOT MEE											
L	•	· · · · · · · · · · · · · · · · · · ·				•	I			•		

NO2NO3	NITROGEN NITRATE + NITI	RITE					
Р	PHOSPHORUS AS P						
QUAL	QUALIFIER						

Bellamy River at Rt. 108 Bridge, Dover, 05-BLM Note: Data not meeting RPD are shaded.

ACTIVITY	START	START	CHL	CHL	DO	DO	DO SAT	DO SAT			
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS			
ROUTINE SAMPLE	03/22/2006	10:17:00	1.09	UG/L	13.31	MG/L	101.1	%			
ROUTINE SAMPLE	04/26/2006	10:07:00	NDR	UG/L	10.26	MG/L	95.7	%			
ROUTINE SAMPLE	06/02/2006	11:47:00	3.63	UG/L	7.98	MG/L	88.2	%			
ROUTINE SAMPLE	06/19/2006	10:17:00	2.7	UG/L	7.81	MG/L	99.1	%			
ROUTINE SAMPLE	07/19/2006	09:55:00	15.48	UG/L	7.27	MG/L	90.4	%			
ROUTINE SAMPLE	08/16/2006	09:59:00	10.43	UG/L	8.34	MG/L	97.7	%			
ROUTINE SAMPLE	09/19/2006	10:30:00	12.52	UG/L	9.23	MG/L	102.5	%			
ROUTINE SAMPLE	10/17/2006	10:26:00	2.17	UG/L	9.64	MG/L	87.5	%			
ROUTINE SAMPLE	11/15/2006	10:03:00	1.58	UG/L	10.71	MG/L	94.9	%			
ROUTINE SAMPLE	12/06/2006	10:09:00	1.22	UG/L	12.47	MG/L	93	%			
ACTIVITY	START	START	EC	EC	EC	NITR	NITR	NITR	TKN	TKN	
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	
ROUTINE	03/22/2006	10:17:00	10	<	CTS/100ML	0.2	<	MG/L	0.25	MG/L	

SAMPLE												
ROUTINE												
SAMPLE	04/26/2006	10:07:00	20		CTS/100ML	ND		MG/L	0.32	MG/L		
ROUTINE										_		
SAMPLE	06/02/2006	11:47:00	2000	>	CTS/100ML	ND		MG/L	0.8	MG/L		
ROUTINE												
SAMPLE	06/19/2006	10:17:00	20		CTS/100ML	ND		MG/L	ND	MG/L		
ROUTINE												
SAMPLE	07/19/2006	09:55:00	50		CTS/100ML	ND		MG/L	0.51	MG/L		
ROUTINE	00/40/0000	00.50.00	40		OTO/400M	ND		N40//	0.4	N40/I		
SAMPLE ROUTINE	08/16/2006	09:59:00	10	<	CTS/100ML	ND		MG/L	0.4	MG/L		
SAMPLE	09/19/2006	10:30:00	220		CTS/100ML	ND		MG/L	0.4	MG/L		
ROUTINE	09/19/2000	10.30.00	220		C13/100IVIL	IND		IVIG/L	0.4	IVIG/L		
SAMPLE	10/17/2006	10:26:00	40		CTS/100ML	ND		MG/L	0.45	MG/L		
ROUTINE	10											
SAMPLE	11/15/2006	10:03:00	60		CTS/100ML	ND		MG/L	0.57	MG/L		
ROUTINE												
SAMPLE	12/06/2006	10:09:00	10	<	CTS/100ML	ND		MG/L	0.3	MG/L		
ACTIVITY	START	START	NO2NO3	NO2NO3	NO2NO3	PH	PH	Р	Р	COND	COND	
CATEGORY	DATE	TIME	RESULTS	QUALIFIER	UNITS	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS	
ROUTINE												
SAMPLE	03/22/2006	10:17:00	0.17		MG/L	7.05	UNITS	0.024	MG/L	73.4	UMHOS/CM	
ROUTINE												
SAMPLE	04/26/2006	10:07:00	ND		MG/L	6.87	UNITS	0.024	MG/L	135.5	UMHOS/CM	
ROUTINE	00/00/0000	44.47.00	0.4		MO/I	0.00		0.000	N40/I	407.0	LIMILIO COM	
SAMPLE ROUTINE	06/02/2006	11:47:00	0.1		MG/L	6.33		0.088	MG/L	107.2	UMHOS/CM	
SAMPLE	06/19/2006	10:17:00	ND		MG/L	6.48	UNITS	0.028	MG/L	84.1	UMHOS/CM	
ROUTINE	00/19/2000	10.17.00	ND		IVIG/L	0.40	ONTO	0.020	IVIG/L	04.1	OWI 103/CW	
SAMPLE	07/19/2006	09:55:00	ND		MG/L	6.72	UNITS	0.041	MG/L	108.7	UMHOS/CM	
ROUTINE												
SAMPLE	08/16/2006	09:59:00	ND		MG/L	6.94	UNITS	0.039	MG/L	203	UMHOS/CM	
ROUTINE												
SAMPLE	09/19/2006	10:30:00	ND		MG/L	6.99	UNITS	0.031	MG/L	219.03	UMHOS/CM	
ROUTINE												
						_						
SAMPLE ROUTINE	10/17/2006	10:26:00	ND ND		MG/L MG/L	6.5	UNITS UNITS	0.03 0.027	MG/L MG/L	113.8 84.5	UMHOS/CM UMHOS/CM	

SAMPLE			1							1	1	T 1
ROUTINE												-
SAMPLE	12/06/2006	10:09:00	ND		MG/L	7.05	UNITS	0.021	MG/L	81.7	UMHOS/CM	
OAIVII LL	12/00/2000	10.00.00	IND		WIGIE	7.00	ONTO	0.021	IVIO/L	01.7	OWN 100/OW	
ACTIVITY	START	START	TEMP	TEMP	TSS	TSS	TSS	TURB	TURB	WEATHER	COMMENTS	
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	RESULTS		
ROUTINE										CLOUDY V	V/O RAIN, 30S,	
SAMPLE	03/22/2006	10:17:00	3.9	DEG C	5	<	MG/L	2.2	NTU	BREEZE		
ROUTINE												
SAMPLE	04/26/2006	10:07:00	12.1	DEG C	3.5		MG/L	3.2	NTU	CLEAR, BF	REEZE, 50'S	
ROUTINE SAMPLE	06/02/2006	11:47:00	20.2	DEG C	23		MG/L	22	NTU	CLOHDYM	V/ RAIN, CALM, 6	200
ROUTINE	06/02/2006	11.47.00	20.2	DEG C	23		IVIG/L	22	NIU	CLOUD1 V	V/ RAIN, CALIVI, C	308
SAMPLE	06/19/2006	10:17:00	27.5	DEG C	ND		MG/L	1.9	NTU	CLEAR BE	REEZE, 80S	
ROUTINE	00/10/2000	10.17.00	27.0	5200	110		10.072	1.0	11.10	0227111, 27	<u> </u>	
SAMPLE	07/19/2006	09:55:00	26.5	DEG C	ND		MG/L	3.7	NTU	CLEAR, BF	REEZE, 80S	
ROUTINE												
SAMPLE	08/16/2006	09:59:00	23.4	DEG C	ND		MG/L	4.4	NTU	CLEAR, BREEZE, 80'S		
ROUTINE	00/40/0000	40.00.00	00.5	550.0	ND							7010
SAMPLE ROUTINE	09/19/2006	10:30:00	20.5	DEG C	ND		MG/L	3.9	NTU		V/O RAIN, CALM	, 70°S
SAMPLE	10/17/2006	10:26:00	10.9	DEG C	ND		MG/L	8	NTU	CLOUDY V BREEZY, 5		
ROUTINE	10/1//2000	10.20.00	10.5	DLO 0	ND		IVIO/L		1410	CLOUDY V		
SAMPLE	11/15/2006	10:03:00	10	DEG C	ND		MG/L	3.9	NTU	BREEZE, 6		
ROUTINE										Í		
SAMPLE	12/06/2006	10:09:00	3.1	DEG C	ND		MG/L	2.3	NTU	CLOUDY V	V/O RAIN, CALM	, 30S
Legend												
CHL	CHLOROPH'	YLL A. UNCOI	RRECTED FO	R PHEOPHYT	IN							
DO	DISSOLVED											
DO SAT		OXYGEN SA	TURATION									
DELETED	LAB ACCIDE											<u> </u>
EC	ESCHERICH											<u> </u>
NITR	NITROGEN A											<u> </u>
TKN	NITROGEN M											1
ND				SUREMENT M	IADE							
ואט	INO SAIVIPLE	COLLECTED	ON NO MEA	JUINEIVIEIVI IV	ועחר		1			1		

ndr	DID NOT MEET LAB QC						
NO2NO3	NITROGEN NITRATE + NIT	TRITE					
Р	PHOSPHORUS AS P						
QUAL	QUALIFIER						
COND	SPECIFIC CONDUCTANCE	=					
TEMP	TEMPERATURE WATER						
TSS	TOTAL SUSPENDED SOLI	DS					
TURB	TURBIDITY		 _			_	

Lamprey River at Rt. 108 Bridge, Newmarket, 05-LMP Note: Data not meeting RPD are shaded.

ACTIVITY	START	START	CHL	CHL	DO	DO	DO SAT	DO SAT			
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS			
ROUTINE SAMPLE	03/22/2006	11:09:00	1.07	UG/L	13.51	MG/L	99.2	%			
ROUTINE SAMPLE	04/26/2006	10:44:00	NDR	UG/L	10.71	MG/L	98.6	%			
ROUTINE SAMPLE	06/02/2006	10:48:00	2.92	UG/L	7.93	MG/L	89.3	%			
ROUTINE SAMPLE	06/19/2006	11:08:00	4.74	UG/L	8.2	MG/L	101.5	%			
ROUTINE SAMPLE	07/19/2006	10:31:00	5.54	UG/L	7.23	MG/L	90.8	%			
ROUTINE SAMPLE	08/16/2006	10:37:00	6	UG/L	8.81	MG/L	104.4	%			
ROUTINE SAMPLE	09/20/2006	11:56:00	9.12	UG/L	8.38	MG/L	96	%			
ROUTINE SAMPLE	10/17/2006	11:05:00	1.98	UG/L	10.25	MG/L	91.4	%			
ROUTINE SAMPLE	11/15/2006	10:41:00	1.25	UG/L	10.61	MG/L	94.4	%			
ROUTINE SAMPLE	12/07/2006	09:56:00	1.17	UG/L	12.87	MG/L	95.1	%			
ACTIVITY	START	START	EC	EC	EC	NITR	NITR	NITR	TKN	TKN	
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	
ROUTINE SAMPLE	03/22/2006	11:09:00	10	<	CTS/100ML	0.05	<	MG/L	0.3	MG/L	
ROUTINE SAMPLE	04/26/2006	10:44:00	30		CTS/100ML	ND		MG/L	0.28	MG/L	

ROUTINE SAMPLE	06/02/2006	10:48:00	160		CTS/100ML	ND		MG/L	0.5	MG/L		
ROUTINE SAMPLE	06/19/2006	11:08:00	100		CTS/100ML	ND		MG/L	0.4	MG/L		
ROUTINE SAMPLE	07/19/2006	10:31:00	40		CTS/100ML	ND		MG/L	0.43	MG/L		
ROUTINE SAMPLE	08/16/2006	10:37:00	10	<	CTS/100ML	ND		MG/L	0.4	MG/L		
ROUTINE SAMPLE	09/20/2006	11:56:00	240		CTS/100ML	ND		MG/L	0.4	MG/L		
ROUTINE SAMPLE	10/17/2006	11:05:00	30		CTS/100ML	ND		MG/L	0.46	MG/L		
ROUTINE SAMPLE	11/15/2006	10:41:00	170		CTS/100ML	ND		MG/L	0.35	MG/L		
ROUTINE SAMPLE	12/07/2006	09:56:00	30		CTS/100ML	ND		MG/L	ND	MG/L		
ACTIVITY	START	START	NO2NO3	NO2NO3	NO2NO3	PH	PH	Р	Р	COND	COND	
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS	
ROUTINE SAMPLE	03/22/2006	11:09:00	0.16		MG/L	7.07	UNITS	0.022	MG/L	75.2 UMHOS/CM		
ROUTINE SAMPLE	04/26/2006	10:44:00	0.14		MG/L	7.08	UNITS	0.022	MG/L	144	UMHOS/CM	
ROUTINE SAMPLE	06/02/2006	10:48:00	0.14		MG/L	6.42	UNITS	0.03	MG/L	123.1 UMHOS/CM		
ROUTINE SAMPLE	06/19/2006	11:08:00	0.11		MG/L	6.48	UNITS	0.027	MG/L	102 UMHOS/CM		
ROUTINE SAMPLE	07/19/2006	10:31:00	0.15		MG/L	6.68	UNITS	0.033	MG/L	114.2	 	
ROUTINE SAMPLE	08/16/2006	10:37:00	0.1		MG/L	7.1	UNITS	0.027	MG/L	148.6	UMHOS/CM	
ROUTINE SAMPLE	09/20/2006	11:56:00	0.1		MG/L	6.98	UNITS	0.026	MG/L	149.6	UMHOS/CM	
ROUTINE SAMPLE	10/17/2006	11:05:00	ND		MG/L	6.59	UNITS	0.023	MG/L	90.8	UMHOS/CM	
ROUTINE SAMPLE	11/15/2006	10:41:00	ND		MG/L	7.24	UNITS	0.028	MG/L	71.7	UMHOS/CM	
ROUTINE SAMPLE	12/07/2006	09:56:00	0.13		MG/L	5.6	UNITS	0.018	MG/L	88.6	UMHOS/CM	
ACTIVITY	START	START	TEMP	TEMP	TSS	TSS	TSS	TURB	TURB	WEATHER	COMMENTS	
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	RESULTS		
ROUTINE SAMPLE	03/22/2006	11:09:00	2.6	DEG C	5	<	MG/L	1.6	NTU	CLOUDY W	/O RAIN, BREEZ	ZE, 30'S
ROUTINE SAMPLE	04/26/2006	10:44:00	11.6	DEG C	8		MG/L	1.8	NTU	CLEAR, BR	EEZE, 50'S	
ROUTINE SAMPLE	06/02/2006	10:48:00	21.1	DEG C	9		MG/L	2.3	NTU	CLOUDY W	/RAIN, CALM, 60)S
ROUTINE SAMPLE	06/19/2006	11:08:00	26.3	DEG C	ND		MG/L	1.7	NTU	CLEAR, CA	LM, 80S	
ROUTINE SAMPLE	07/19/2006	10:31:00	27.1	DEG C	ND		MG/L	2	NTU	CLEAR, CALM, 80S		
ROUTINE SAMPLE	08/16/2006	10:37:00	24.1	DEG C	6		MG/L	1.9	NTU	CLEAR, BREEZE, 80'S		
ROUTINE SAMPLE	09/20/2006	11:56:00	22	DEG C	ND		MG/L	1.9	NTU	CLEAR, BREEZE, 80'S		
ROUTINE SAMPLE	10/17/2006	11:05:00	10.3	DEG C	ND		MG/L	1.8	NTU	CLOUDY W/O RAIN, BREEZE, 50'S		

ROUTINE SAMPLE	11/15/2006	10:41:00	10.2	DEG C	9.5		MG/L	3	NTU	CLOUDY V	V/O RAIN, CALM	, 60'S
ROUTINE SAMPLE	12/07/2006	09:56:00	2.9	DEG C	ND		MG/L	2	NTU	CLEAR, CA	ALM, 40S	
LEDGEND												
CHL	CHLOROPH\	YLL A, UNCOF	RECTED FO	R PHEOPH	YTIN	TSS	TOTAL SUS	SPENDED SO	OLIDS			
DO	DISSOLVED	OXYGEN				TURB	TURBIDITY	,				
DO SAT	DISSOLVED	OXYGEN SAT	URATION									
DELETED	LAB ACCIDE	NT/ERROR										
EC	ESCHERICH	IA COLI										
NITR	NITROGEN A	AINOMMA										
TKN	NITROGEN K	KJELDAHL										
nd	NO SAMPLE	COLLECTED	OR NO MEA	SUREMENT	MADE							
ndr	DID NOT ME	ET LAB QC										
NO2NO3	NITROGEN N	NITRATE + NIT	TRITE									
Р	PHOSPHORU	JS AS P										
QUAL	QUALIFIER											
COND	SPECIFIC CO	ONDUCTANCE										
TEMP	TEMPERATU	JRE WATER										

Oyster River at the Rt. 108 Bridge and Mill Pond, Durham, 05-OYS
Note: Data not meeting RPD are shaded.

ACTIVITY	START	START	CHL	CHL	DO	DO	DO SAT	DO SAT		
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS		
ROUTINE SAMPLE	03/22/2006	10:49:00	0.88	UG/L	13.17	MG/L	99.8	%		
ROUTINE SAMPLE	04/26/2006	10:27:00	NDR	UG/L	10.58	MG/L	94.2	%		
ROUTINE SAMPLE	06/02/2006	11:24:00	6.16	UG/L	8.57	MG/L	92	%		
ROUTINE SAMPLE	06/19/2006	10:48:00	6.19	UG/L	8.32	MG/L	98.1	%		

ROUTINE SAMPLE	08/16/2006	10:20:00	ND		MG/L	6.88	UNITS	0.032	MG/L	256.8	UMHOS/CM
ROUTINE SAMPLE	07/19/2006	10:15:00	0.27		MG/L	6.69	UNITS	0.043	MG/L	181.7	UMHOS/CM
ROUTINE SAMPLE	06/19/2006	10:48:00	0.21		MG/L	6.8	UNITS	0.031	MG/L	158.2	UMHOS/CM
ROUTINE SAMPLE	06/02/2006	11:24:00	0.17		MG/L	6.52	UNITS	0.17	MG/L	130.6	UMHOS/CM
ROUTINE SAMPLE	04/26/2006	10:27:00	0.14		MG/L	7.11	UNITS	0.03	MG/L	188.9	UMHOS/CM
ROUTINE SAMPLE	03/22/2006	10:49:00	0.27		MG/L	7.26	UNITS	0.022	MG/L	110.4	UMHOS/CM
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS
ACTIVITY	START	START	NO2NO3	NO2NO3	NO2NO3	PH	PH	Р	P	COND	COND
FIELD DUPLICATE	12/06/2006	10:29:00	60		CTS/100ML	ND		MG/L	0.26	MG/L	
ROUTINE SAMPLE	12/06/2006	10:29:00	50		CTS/100ML	ND		MG/L	0.35	MG/L	
ROUTINE SAMPLE	11/15/2006	10:21:00	210		CTS/100ML	ND		MG/L	0.41	MG/L	
ROUTINE SAMPLE	10/17/2006	10:45:00	50		CTS/100ML	0.054		MG/L	0.57	MG/L	
FIELD DUPLICATE	09/19/2006	10:52:00	30		CTS/100ML	ND		MG/L	0.4	MG/L	
ROUTINE SAMPLE	09/19/2006	10:52:00	10	<	CTS/100ML	ND		MG/L	0.4	MG/L	
ROUTINE SAMPLE	08/16/2006	10:20:00	250		CTS/100ML	ND		MG/L	0.4	MG/L	
ROUTINE SAMPLE	07/19/2006	10:15:00	50		CTS/100ML	ND		MG/L	0.51	MG/L	
ROUTINE SAMPLE	06/19/2006	10:48:00	50		CTS/100ML	ND		MG/L	0.4	MG/L	
ROUTINE SAMPLE	06/02/2006	11:24:00	2000	>	CTS/100ML	0.066		MG/L	0.9	MG/L	
ROUTINE SAMPLE	04/26/2006	10:27:00	90		CTS/100ML	ND		MG/L	0.34	MG/L	
ROUTINE SAMPLE	03/22/2006	10:49:00	10	<	CTS/100ML	0.2	<	MG/L	0.3	MG/L	
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	
ACTIVITY	START	START	EC	EC	EC	NITR	NITR	NITR	TKN	TKN	
FIELD DUPLICATE	12/06/2006	10:29:00	1.01	UG/L	12.83	MG/L	92.8	%			
ROUTINE SAMPLE	12/06/2006	10:29:00	1.36	UG/L	12.9	MG/L	93.4	%			
ROUTINE SAMPLE	11/15/2006	10:21:00	1.82	UG/L	10	MG/L	89.7	%			
ROUTINE SAMPLE	10/17/2006	10:45:00	3.45	UG/L	8.97	MG/L	77.5	%			
FIELD DUPLICATE	09/19/2006	10:52:00	10.94	UG/L	9.01	MG/L	99.3	%			
ROUTINE SAMPLE	09/19/2006	10:52:00	10.1	UG/L	9.21	MG/L	101.2	%			
ROUTINE SAMPLE	08/16/2006	10:20:00	15.45	UG/L	9.02	MG/L	103.7	%			
ROUTINE SAMPLE	07/19/2006	10:15:00	3.58	UG/L	6.84	MG/L	83.9	%			

ROUTINE SAMPLE	03/22/2006	10:49:00	3.6	DEG C	5	<	MG/L	3.9	NTU	+	RAIN, BREEZE, 30S		
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	RESULTS			
ROUTINE SAMPLE	04/26/2006	10:49:00	10.2	DEG C	10	,	MG/L	4.9	NTU	CLEAR, BREEZ	· · · · · · · · · · · · · · · · · · ·		
ROUTINE SAMPLE	06/02/2006	11:24:00	18.8	DEG C	57		MG/L	60	NTU	CLOUDY W/RAI			
ROUTINE SAMPLE	06/19/2006	10:48:00	23.7	DEG C	7		MG/L	4.5	NTU	CLEAR, CALM,	· · · · · · · · · · · · · · · · · · ·		
ROUTINE SAMPLE	07/19/2006	10:15:00	25.7	DEG C	ND		MG/L	3.8	NTU	CLEAR, BREEZE, 80S			
ROUTINE SAMPLE	08/16/2006	10:20:00	22.3	DEG C	ND		MG/L	2.8	NTU	CLEAR, BREEZE, 80'S			
ROUTINE SAMPLE	09/19/2006	10:52:00	20	DEG C	ND		MG/L	3	NTU	CALM, CLOUDY W/O RAIN, 80'S			
FIELD DUPLICATE	09/19/2006	10:52:00	20.2	DEG C	ND		MG/L	3	NTU	Ť T	CALM, CLOUDY W/O RAIN, 80'S		
ROUTINE SAMPLE	10/17/2006	10:45:00	8.9	DEG C	13		MG/L	5.8	NTU		RAIN, BREEZE, 50'S		
ROUTINE SAMPLE	11/15/2006	10:21:00	10.5	DEG C	ND		MG/L	9.3	NTU	CLOUDY W/O F	RAIN, BREEZE, 60'S		
ROUTINE SAMPLE	12/06/2006	10:29:00	2	DEG C	ND		MG/L	4.3	NTU	CLOUDY W/O F	RAIN, CALM, 30S		
FIELD DUPLICATE	12/06/2006	10:29:00	2	DEG C	ND		MG/L	4.1	NTU	CLOUDY W/O F	RAIN, CALM, 30S		
Legend													
CHL	CHLOROPHY	LL A, UNCO	RRECTED FO	R PHEOPH	YTIN								
dl	DATA LOST												
DO	DISSOLVED	OXYGEN											
DO SAT	DISSOLVED	OXYGEN SA	TURATION										
DELETED	LAB ACCIDE	NT/ERROR											
EC	ESCHERICHI	IA COLI											
NITR	NITROGEN A	AMMONIA											
											1		

na	ANAYSES NOT YET COMPLETED BY LAB	
ND	NO SAMPLE COLLECTED OR NO MEASUREMENT MADE	
ndr	DID NOT MEET LAB QC	
NO2NO3	NITROGEN NITRATE + NITRITE	
Р	PHOSPHORUS AS P	
QUAL	QUALIFIER	
COND	SPECIFIC CONDUCTANCE	
TEMP	TEMPERATURE WATER	
TSS	TOTAL SUSPENDED SOLIDS	
TURB	TURBIDITY	

Sagamore Creek at Peverly Hill Road, Portsmouth, 05-SAG Note: Data not meeting RPD are shaded.

ACTIVITY	START	START	CHL	CHL	DO	DO	DO SAT	DO SAT		
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS		
ROUTINE SAMPLE	03/20/2006	10:00:00	3.11	UG/L	12.97	MG/L	98.8	%		
ROUTINE SAMPLE	04/24/2006	11:23:00	NDR	UG/L	9.55	MG/L	85.4	%		
ROUTINE SAMPLE	05/31/2006	11:28:00	2.56	UG/L	7.18	MG/L	79.9	%		
ROUTINE SAMPLE	06/21/2006	09:54:00	4.5	UG/L	5.31	MG/L	62.1	%		
ROUTINE SAMPLE	07/18/2006	10:02:00	2.46	UG/L	5.58	MG/L	68.8	%		
ROUTINE SAMPLE	08/15/2006	10:05:00	5.43	UG/L	6.86	MG/L	78.3	%		
ROUTINE SAMPLE	09/20/2006	10:20:00	8.31	UG/L	7.06	MG/L	76.2	%	_	
ROUTINE SAMPLE	10/18/2006	10:02:00	4.18	UG/L	8.49	MG/L	76.8	%		

FIELD	1		1						1		
DUPLICATE	10/18/2006	10:02:00	3.8	UG/L	8.71	MG/L	79.3	%			
ROUTINE		10.02.00	0.0	0 0, 1	<u> </u>						
SAMPLE	11/16/2006	11:48:00	3.37	UG/L	8.72	MG/L	81.8	%			
FIELD	44/40/0000	44 40 00	0.00	110/	0.00	N40 (I	00.0	0/			
DUPLICATE ROUTINE	11/16/2006	11:48:00	3.02	UG/L	8.93	MG/L	83.8	%			
SAMPLE	12/07/2006	11:12:00	1.22	UG/L	11.28	MG/L	87.2	%			
O/ (IVII EE	12/01/2000	11.12.00	1.22	00/L	11.20	WIO/L	07.2	70			
ACTIVITY	START	START	EC	EC	EC	NITR	NITR	NITR	TKN	TKN	
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	
ROUTINE	DATE	IIIVIE	RESULIS	QUAL	UNITS	RESULIS	QUAL	UNITS	KESULIS	UNITS	
SAMPLE	03/20/2006	10:00:00	10	<	CTS/100ML	0.2	<	MG/L	0.4	MG/L	
ROUTINE						-				-	
SAMPLE	04/24/2006	11:23:00	10		CTS/100ML	ND		MG/L	0.43	MG/L	
ROUTINE	05/04/0000	44.00.00	10	_	OTO/400MI	ND		N40/I	0.4	N40/I	
SAMPLE ROUTINE	05/31/2006	11:28:00	10	<	CTS/100ML	ND		MG/L	0.4	MG/L	
SAMPLE	06/21/2006	09:54:00	40		CTS/100ML	0.061		MG/L	0.3	MG/L	
ROUTINE						31331					
SAMPLE	07/18/2006	10:02:00	20		CTS/100ML	ND		MG/L	0.55	MG/L	
ROUTINE	00/45/0000	40.05.00			070//001/				0.5		
SAMPLE ROUTINE	08/15/2006	10:05:00	70		CTS/100ML	ND		MG/L	0.5	MG/L	
SAMPLE	09/20/2006	10:20:00	2000	>	CTS/100ML	ND		MG/L	0.7	MG/L	
ROUTINE	00/20/2000	10.20.00	2000		O 1 O/ TOOIVIL	NB		WIGIE	0.7	WIO/L	
SAMPLE	10/18/2006	10:02:00	40		CTS/100ML	ND		MG/L	0.38	MG/L	
FIELD					0=0//001#						
DUPLICATE ROUTINE	10/18/2006	10:02:00	110		CTS/100ML	ND		MG/L	0.39	MG/L	
SAMPLE	11/16/2006	11:48:00	140		CTS/100ML	ND		MG/L	0.39	MG/L	
FIELD	1111012000	11.10.00	1.0		O 1 O/ TOOME	112		111072	0.00	1110/2	
DUPLICATE	11/16/2006	11:48:00	140		CTS/100ML	ND		MG/L	0.37	MG/L	
ROUTINE	40/07/0000	14 46 66			OTO // 225 **	0.05		NAC "	0.07	N40 "	
SAMPLE	12/07/2006	11:12:00	20		CTS/100ML	0.05		MG/L	0.27	MG/L	
A OTIV/ITY	OTABT	OTABT	Nonios	Nonvice	NOONO	D::	D.:			20112	00115
ACTIVITY	START	START	NO2NO3	NO2NO3	NO2NO3	PH	PH	P	P	COND	COND
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS
ROUTINE	03/20/2006	10:00:00	0.05		MG/L	7.27	UNITS	0.031	MG/L	880	UMHOS/CM

SAMPLE											
ROUTINE											
SAMPLE	04/24/2006	11:23:00	ND		MG/L	7.2	UNITS	0.024	MG/L	1363	UMHOS/CM
ROUTINE SAMPLE	05/31/2006	11:28:00	ND		MG/L	7.46	UNITS	0.042	MG/L	1019	UMHOS/CM
ROUTINE SAMPLE	06/21/2006	09:54:00	ND		MG/L	7.13	UNITS	0.022	MG/L	930	UMHOS/CM
ROUTINE SAMPLE	07/18/2006	10:02:00	ND		MG/L	7.26	UNITS	0.02	MG/L	689	UMHOS/CM
ROUTINE SAMPLE	08/15/2006	10:05:00	ND		MG/L	7.25	UNITS	0.019	MG/L	1063	UMHOS/CM
ROUTINE SAMPLE	09/20/2006	10:20:00	ND		MG/L	7.03	UNITS	0.046	MG/L	735	UMHOS/CM
ROUTINE					_			0.0.0			
SAMPLE FIELD	10/18/2006	10:02:00	ND		MG/L	7.51	UNITS	0.022	MG/L	951	UMHOS/CM
DUPLICATE	10/18/2006	10:02:00	ND		MG/L	7.48	UNITS	0.022	MG/L	948	UMHOS/CM
ROUTINE SAMPLE	11/16/2006	11:48:00	0.14		MG/L	7.59	UNITS	0.044	MG/L	376	UMHOS/CM
FIELD DUPLICATE	11/16/2006	11:48:00	0.13		MG/L	7.74	UNITS	0.043	MG/L	377.4	UMHOS/CM
ROUTINE SAMPLE	12/07/2006	11:12:00	0.14		MG/L	6.61	UNITS	0.027	MG/L	665	UMHOS/CM
			9				0	313 = 1			
ACTIVITY	START	START	TEMP	TEMP	TSS	TSS	TSS	TURB	TURB	WEATHER CO	OMMENTS
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	RESULTS	
ROUTINE SAMPLE	03/20/2006	10:00:00	3.9	DEG C	5	<	MG/L	85	NTU	CLOUDY W/C	RAIN. WIND. 30S
ROUTINE SAMPLE	04/24/2006	11:23:00	10.3	DEG C	0		MG/L	4.6	NTU		RAIN, CALM, 40'S
ROUTINE SAMPLE	05/31/2006	11:28:00	20.6	DEG C	10		MG/L	2.2	NTU		UT RAIN, 60S,
ROUTINE SAMPLE	06/21/2006	09:54:00	23.1	DEG C	6		MG/L	2.1	NTU		7F 70S
ROUTINE			25.2		-					CLEAR, BREEZE, 70S	
SAMPLE ROUTINE	07/18/2006	10:02:00	25.2	DEG C	ND		MG/L	1.8	NTU	CLEAR, CALM, 80S CLOUDY W/O RAIN, BREEZE,	
SAMPLE	08/15/2006	10:05:00	21.9	DEG C	ND		MG/L	2.5	NTU	70'S	
ROUTINE	09/20/2006	10:20:00	19	DEG C	ND		MG/L	6.3	NTU	CLEAR, BREE	ZE, 70'S

SAMPLE										
ROUTINE						1				
SAMPLE	10/18/2006	10:02:00	10.9	DEG C	ND		MG/L	4.2	NTU	CLOUDY W/O RAIN, CALM, 60'S
FIELD DUPLICATE	10/18/2006	10:02:00	11.2	DEG C	7		MG/L	4.2	NTU	CLOUDY W/O RAIN, CALM, 60'S
ROUTINE SAMPLE	11/16/2006	11:48:00	12.4	DEG C	ND		MG/L	14	NTU	CLOUDY W/RAIN, CALM, 50S
FIELD DUPLICATE	11/16/2006	11:48:00	12.5	DEG C	12		MG/L	13	NTU	CLOUDY W/RAIN, CALM, 50S
ROUTINE SAMPLE	12/07/2006	11:12:00	4.5	DEG C	7		MG/L	5.6	NTU	CLEAR, BREEZE, 40S
Legend										
CHL	CHLOROPHYLL	A, UNCORRE	CTED FOR P	HEOPHYTII	N					
DO	DISSOLVED OX	KYGEN								
DO SAT	DISSOLVED OX	KYGEN SATUR								
DELETED	LAB ACCIDENT/ERROR									
EC	ESCHERICHIA	COLI								
NITR	NITROGEN AM	MONIA								
TKN	NITROGEN KJE	ELDAHL								
nd	NO SAMPLE CO	OLLECTED OR	NO MEASUR	REMENT MA	DE					
ndr	DID NOT MEET	LAB QC								
NO2NO3	NITROGEN NIT	RATE + NITRIT	Έ							
Р	PHOSPHORUS	AS P								
QUAL	QUALIFIER									
COND	SPECIFIC CON	DUCTANCE								
TEMP	TEMPERATURE	E WATER								
TSS	TOTAL SUSPE	NDED SOLIDS								
TURB	TURBIDITY									

Salmon Falls River at Rt. 4, Rollinsford, 05-SFR Note: Data not meeting RPD are shaded.

ACTIVITY	START	START	CHL	CHL	DO	DO	DO SAT	DO SAT			
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS			
ROUTINE SAMPLE	03/22/2006	09:30:00	0.55	UG/L	13.12	MG/L	96.5	%			
ROUTINE SAMPLE	04/26/2006	09:21:00	NDR	UG/L	10.78	MG/L	97.7	%			
ROUTINE SAMPLE	06/02/2006	12:11:00	11.12	UG/L	8.76	MG/L					
ROUTINE SAMPLE	06/19/2006	09:36:00	3.98	UG/L	8.35	MG/L	99	%			
ROUTINE SAMPLE	07/19/2006	09:22:00	8.48	UG/L	7.53	MG/L	94.7	%			
ROUTINE SAMPLE	08/16/2006	09:17:00	11.1	UG/L	8.34	MG/L	97.9	%			
ROUTINE SAMPLE	09/19/2006	09:41:00	41.26	UG/L	10.2	MG/L	113.6	%			
ROUTINE SAMPLE	10/17/2006	09:40:00	2.48	UG/L	10.24	MG/L	93	%			
ROUTINE SAMPLE	11/16/2006	09:45:00	0.84	UG/L	11.25	MG/L	100.5	%			
ROUTINE SAMPLE	12/06/2006	09:30:00	0.71	UG/L	13.06	MG/L	95.9	%			
ACTIVITY	START	START	EC	EC	EC	NITR	NITR	NITR	TKN	TKN	
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	
ROUTINE SAMPLE	03/22/2006	09:30:00	10	<	CTS/100ML	0.2	<	MG/L	0.3	MG/L	
ROUTINE SAMPLE	04/26/2006	09:21:00	70		CTS/100ML	0.074		MG/L	0.34	MG/L	
ROUTINE SAMPLE	06/02/2006	12:11:00	260		CTS/100ML	ND		MG/L	0.4	MG/L	
ROUTINE SAMPLE	06/19/2006	09:36:00	60		CTS/100ML	ND		MG/L	0.3	MG/L	
ROUTINE	07/19/2006	09:22:00	130		CTS/100ML	ND		MG/L	0.47	MG/L	

										_	
SAMPLE											
ROUTINE											
SAMPLE	08/16/2006	09:17:00	70		CTS/100ML	ND		MG/L	0.5	MG/L	
ROUTINE	22/12/2022	22 14 22			OTO/400M				^ 7		
SAMPLE	09/19/2006	09:41:00	70		CTS/100ML	ND		MG/L	0.7	MG/L	
ROUTINE SAMPLE	10/17/2006	09:40:00	60		CTS/100ML	0.067		MG/L	0.44	MG/L	
ROUTINE	10/11/2000	09.40.00	00		CT3/T00IVIL	0.007		IVIG/L	U. 44	IVIG/L	
SAMPLE	11/16/2006	09:45:00	90		CTS/100ML	ND		MG/L	0.32	MG/L	
ROUTINE					<u> </u>						
SAMPLE	12/06/2006	09:30:00	10	<	CTS/100ML	ND		MG/L	0.29	MG/L	
		<u></u>									
ACTIVITY	START	START	NO2NO3	NO2NO3	NO2NO3	PH	PH	Р	Р	COND	COND
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS
ROUTINE				-							
SAMPLE	03/22/2006	09:30:00	0.15		MG/L	6.53	UNITS	0.027	MG/L	62.7	UMHOS/CM
ROUTINE											
SAMPLE	04/26/2006	09:21:00	0.18		MG/L	6.61	UNITS	0.025	MG/L	112.3	UMHOS/CM
ROUTINE SAMPLE	06/02/2006	12:11:00	0.13		MG/L	6.47		0.034	MG/L	94	UMHOS/CM
ROUTINE	00/02/2000	12.11.00	0.10		IVIG/L	0.47		0.034	IVIG/L	ÿ +	UIVITUS/CIVI
SAMPLE	06/19/2006	09:36:00	0.11		MG/L	6.26	UNITS	0.02	MG/L	79	UMHOS/CM
ROUTINE								1		1	•
SAMPLE	07/19/2006	09:22:00	0.12		MG/L	6.74	UNITS	0.028	MG/L	86.9	UMHOS/CM
ROUTINE											
SAMPLE	08/16/2006	09:17:00	0.26		MG/L	6.71	UNITS	0.025	MG/L	134.3	UMHOS/CM
ROUTINE SAMPLE	09/19/2006	09:41:00	0.18		MG/L	6.97	UNITS	0.12	MG/L	156	UMHOS/CM
ROUTINE	09/19/2000	09.41.00	U. 10		IVIG/L	0.97	UNITS	U. 1Z	IVIG/L	156	UIVITUS/CIVI
SAMPLE	10/17/2006	09:40:00	ND		MG/L	6.36	UNITS	0.02	MG/L	91.2	UMHOS/CM
ROUTINE	10/11/2000	00.10.00				0.00	5 115	0.02		31.2	51111 10 G. 5111
SAMPLE	11/16/2006	09:45:00	ND		MG/L	7.37	UNITS	0.019	MG/L	61.6	UMHOS/CM
ROUTINE											
SAMPLE	12/06/2006	09:30:00	0.1		MG/L	7.09	UNITS	0.017	MG/L	75.5	UMHOS/CM
ACTIVITY	START	START	TEMP	TEMP	TSS	TSS	TSS	TURB	TURB	WEATHER COM	IMENTS
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	RESULTS	
ROUTINE										CLOUDY W/O R	AIN, 30S,
SAMPLE	03/22/2006	09:30:00	2.6	DEG C	5	<	MG/L	0.9	NTU	BREEZE	

	_		_					,	1	
ROUTINE SAMPLE	04/26/2006	09:21:00	11.2	DEG C	3	MG/L	1.9	NTU	CLEAR, 50'S, B	DEE7E
ROUTINE	04/20/2000	09.21.00	11.2	DEGC	3	IVIG/L	1.8	INTO	CLEAR, 30 3, B	REEZE
SAMPLE	06/02/2006	12:11:00	21.9	DEG C	9	MG/L	2.5	NTU	CLOUDY W/RA	IN, CALM, 60S
ROUTINE SAMPLE	06/10/2006	00.36.00	22.0	DEG C	ND	MC/I	1.7	NTU	CLEAD SOC C	A I B 4
ROUTINE	06/19/2006	09:36:00	23.9	DEG C	ND	MG/L	1.7	NIU	CLEAR, 80S, CA	
SAMPLE	07/19/2006	09:22:00	26.8	DEG C	ND	MG/L	2.6	NTU	BREEZE, 70S	T RAIN,
ROUTINE SAMPLE	08/16/2006	09:17:00	23.4	DEG C	9	MG/L	2.2	NTU	CLEAR, BREEZ	E 70'S
ROUTINE	00/10/2000	09.17.00	20.7	DLCC	9	IVIO/L	۷.۲	INTO	OLLAN, DINELL	E, 700
SAMPLE	09/19/2006	09:41:00	20.7	DEG C	ND	MG/L	2.1	NTU	CLOUDY W/O F	RAIN, CALM, 70'S
ROUTINE SAMPLE	10/17/2006	09:40:00	11.1	DEG C	ND	MG/L	2.1	NTU		
ROUTINE	10/1//2000	03.40.00	11.1	DEGG	IND	IVIO/L	۷.۱	1410	CLOUDY W/ IN	TERMITTENT
SAMPLE	11/16/2006	09:45:00	10.4	DEG C	ND	MG/L	3.1	NTU	RAIN, BREEZE,	
ROUTINE SAMPLE	12/06/2006	09:30:00	2.6	DEG C	ND	MG/L	1.4	NTU	CLOUDY W/O F	RAIN, CALM, 30S
Legend										
CHL	CHLOROPH	YLL A, UNCC	ORRECTED FO	OR PHEOPH	YTIN					
DO	DISSOLVED	OXYGEN								
DO SAT	DISSOLVED	OXYGEN SA	ATURATION							
DELETED	LAB ACCIDE	NT/ERROR								
EC	ESCHERICH	IA COLI								
NITR	NITROGEN A	AMMONIA								
TKN	NITROGEN K	(JELDAHL								
nd	NO SAMPLE	COLLECTE	D OR NO MEA	SUREMENT	MADE					
ndr	DID NOT ME	ET LAB QC								
NO2NO3	NITROGEN N	NITRATE + N	ITRITE							
Р	PHOSPHORI	JS AS P								
QUAL	QUALIFIER									
COND	SPECIFIC CO	ONDUCTANO	DE							
TEMP	TEMPERATU	JRE WATER								
TSS	TOTAL SUSF	PENDED SOI	LIDS							
TURB	TURBIDITY					 				

Cocheco River at the Rt. 9 Bridge (Central Avenue), Dover, 07-CCH Note: Data not meeting RPD are shaded.

ACTIVITY	START	START	CHL	CHL	DO	DO	DO SAT	DO SAT			
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS			
ROUTINE SAMPLE	03/22/2006	09:59:00	1.09	UG/L	13.32	MG/L	97.3	%			
ROUTINE SAMPLE	04/26/2006	09:48:00	NDR	UG/L	11.08	MG/L	96.3	%			
ROUTINE SAMPLE	06/02/2006	12:40:00	2.73	UG/L	8.48	MG/L	93.2	%			
ROUTINE SAMPLE	06/19/2006	09:57:00	3.25	UG/L	8.55	MG/L	99.4	%			
ROUTINE SAMPLE	07/19/2006	09:41:00	2.99	UG/L	7.75	MG/L	94.1	%			
ROUTINE SAMPLE	08/16/2006	09:44:00	3.21	UG/L	8.42	MG/L	97.4	%			
ROUTINE SAMPLE	09/19/2006	10:08:00	6.87	UG/L	9.16	MG/L	99.9	%			
ROUTINE SAMPLE	10/17/2006	10:02:00	3.78	UG/L	10.8	MG/L	94.6	%			
ROUTINE SAMPLE	11/15/2006	09:50:00	1.41	UG/L	11.1	MG/L	99	%			
ROUTINE SAMPLE	12/06/2006	09:53:00	0.87	UG/L	13.27	MG/L	96.1	%			
ACTIVITY	START	START	EC	EC	EC	NITR	NITR	NITR	TKN	TKN	
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	
ROUTINE SAMPLE	03/22/2006	09:59:00	10	<	CTS/100ML	0.2	<	MG/L	0.3	MG/L	
ROUTINE SAMPLE	04/26/2006	09:48:00	60		CTS/100ML	ND		MG/L	0.48	MG/L	
ROUTINE SAMPLE	06/02/2006	12:40:00	1070		CTS/100ML	ND		MG/L	0.5	MG/L	
ROUTINE SAMPLE	06/19/2006	09:57:00	30		CTS/100ML	0.059		MG/L	0.4	MG/L	
ROUTINE SAMPLE	07/19/2006	09:41:00	80		CTS/100ML	ND		MG/L	0.49	MG/L	
ROUTINE SAMPLE	08/16/2006	09:44:00	50		CTS/100ML	ND		MG/L	0.4	MG/L	
ROUTINE SAMPLE	09/19/2006	10:08:00	40		CTS/100ML	ND		MG/L	0.4	MG/L	
ROUTINE SAMPLE	10/17/2006	10:02:00	90		CTS/100ML	ND		MG/L	0.42	MG/L	
ROUTINE SAMPLE	11/15/2006	09:50:00	110		CTS/100ML	ND		MG/L	0.34	MG/L	
ROUTINE SAMPLE	12/06/2006	09:53:00	10	<	CTS/100ML	ND		MG/L	0.27	MG/L	
ACTIVITY	START	START	NO2NO3	NO2NO3	PH	PH	P	Р	COND	COND	
	DATE	TIME	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS		UNITS	

ROUTINE SAMPLE 03/22/2006 09:59:00 0.63 MG/L 6.99 UNITS 0.042 MG/L 89.3 UMHOS/CM ROUTINE SAMPLE 04/26/2006 09:48:00 0.42 MG/L 6.94 UNITS 0.35 MG/L 151.3 UMHOS/CM ROUTINE SAMPLE 06/02/2006 12:40:00 0.48 MG/L 6.52 UNITS 0.045 MG/L 158.8 UMHOS/CM ROUTINE SAMPLE 06/19/2006 09:57:00 0.47 MG/L 6.55 UNITS 0.046 MG/L 125.6 UMHOS/CM ROUTINE SAMPLE 07/19/2006 09:41:00 0.4 MG/L 6.61 UNITS 0.057 MG/L 106.2 UMHOS/CM ROUTINE SAMPLE 08/16/2006 09:44:00 0.99 MG/L 6.58 UNITS 0.079 MG/L 196.6 UMHOS/CM ROUTINE SAMPLE 10/17/2006 10:02:00 0.33 MG/L 6.5 UNITS 0.041 MG/L 104.2 UMHOS/CM ROUTINE SAM
ROUTINE SAMPLE 06/02/2006 12:40:00 0.48 MG/L 6.52 UNITS 0.045 MG/L 158.8 UMHOS/CM ROUTINE SAMPLE 06/19/2006 09:57:00 0.47 MG/L 6.55 UNITS 0.046 MG/L 125.6 UMHOS/CM ROUTINE SAMPLE 07/19/2006 09:41:00 0.4 MG/L 6.61 UNITS 0.057 MG/L 106.2 UMHOS/CM ROUTINE SAMPLE 08/16/2006 09:44:00 0.99 MG/L 6.58 UNITS 0.079 MG/L 196.6 UMHOS/CM ROUTINE SAMPLE 09/19/2006 10:08:00 1.3 MG/L 6.46 UNITS 0.12 MG/L 253.7 UMHOS/CM ROUTINE SAMPLE 10/17/2006 10:02:00 0.33 MG/L 6.5 UNITS 0.041 MG/L 104.2 UMHOS/CM ROUTINE SAMPLE 11/15/2006 09:50:00 0.1 MG/L 7.14 UNITS 0.041 MG/L 67.5 UMHOS/CM ROUTINE SAMPL
ROUTINE SAMPLE 06/19/2006 09:57:00 0.47 MG/L 6.55 UNITS 0.046 MG/L 125.6 UMHOS/CM ROUTINE SAMPLE 07/19/2006 09:41:00 0.4 MG/L 6.61 UNITS 0.057 MG/L 106.2 UMHOS/CM ROUTINE SAMPLE 08/16/2006 09:44:00 0.99 MG/L 6.58 UNITS 0.079 MG/L 196.6 UMHOS/CM ROUTINE SAMPLE 09/19/2006 10:08:00 1.3 MG/L 6.46 UNITS 0.12 MG/L 253.7 UMHOS/CM ROUTINE SAMPLE 10/17/2006 10:02:00 0.33 MG/L 6.5 UNITS 0.041 MG/L 104.2 UMHOS/CM ROUTINE SAMPLE 11/15/2006 09:50:00 0.1 MG/L 7.14 UNITS 0.041 MG/L 67.5 UMHOS/CM ROUTINE SAMPLE 12/06/2006 09:53:00 0.27 MG/L 7.04 UNITS 0.034 MG/L 90.1 UMHOS/CM ACTIVITY
ROUTINE SAMPLE 07/19/2006 09:41:00 0.4 MG/L 6.61 UNITS 0.057 MG/L 106.2 UMHOS/CM ROUTINE SAMPLE 08/16/2006 09:44:00 0.99 MG/L 6.58 UNITS 0.079 MG/L 196.6 UMHOS/CM ROUTINE SAMPLE 09/19/2006 10:08:00 1.3 MG/L 6.46 UNITS 0.12 MG/L 253.7 UMHOS/CM ROUTINE SAMPLE 10/17/2006 10:02:00 0.33 MG/L 6.5 UNITS 0.041 MG/L 104.2 UMHOS/CM ROUTINE SAMPLE 11/15/2006 09:50:00 0.1 MG/L 7.14 UNITS 0.041 MG/L 67.5 UMHOS/CM ROUTINE SAMPLE 12/06/2006 09:53:00 0.27 MG/L 7.04 UNITS 0.034 MG/L 90.1 UMHOS/CM ACTIVITY START START TEMP TEMP TSS TSS TURB TURB WEATHER COMMENTS
ROUTINE SAMPLE 08/16/2006 09:44:00 0.99 MG/L 6.58 UNITS 0.079 MG/L 196.6 UMHOS/CM ROUTINE SAMPLE 09/19/2006 10:08:00 1.3 MG/L 6.46 UNITS 0.12 MG/L 253.7 UMHOS/CM ROUTINE SAMPLE 10/17/2006 10:02:00 0.33 MG/L 6.5 UNITS 0.041 MG/L 104.2 UMHOS/CM ROUTINE SAMPLE 11/15/2006 09:50:00 0.1 MG/L 7.14 UNITS 0.041 MG/L 67.5 UMHOS/CM ROUTINE SAMPLE 12/06/2006 09:53:00 0.27 MG/L 7.04 UNITS 0.034 MG/L 90.1 UMHOS/CM ACTIVITY START START TEMP TEMP TSS TSS TURB TURB WEATHER COMMENTS
ROUTINE SAMPLE 09/19/2006 10:08:00 1.3 MG/L 6.46 UNITS 0.12 MG/L 253.7 UMHOS/CM ROUTINE SAMPLE 10/17/2006 10:02:00 0.33 MG/L 6.5 UNITS 0.041 MG/L 104.2 UMHOS/CM ROUTINE SAMPLE 11/15/2006 09:50:00 0.1 MG/L 7.14 UNITS 0.041 MG/L 67.5 UMHOS/CM ROUTINE SAMPLE 12/06/2006 09:53:00 0.27 MG/L 7.04 UNITS 0.034 MG/L 90.1 UMHOS/CM ACTIVITY START START TEMP TEMP TSS TSS TURB TURB WEATHER COMMENTS
ROUTINE SAMPLE 10/17/2006 10:02:00 0.33 MG/L 6.5 UNITS 0.041 MG/L 104.2 UMHOS/CM ROUTINE SAMPLE 11/15/2006 09:50:00 0.1 MG/L 7.14 UNITS 0.041 MG/L 67.5 UMHOS/CM ROUTINE SAMPLE 12/06/2006 09:53:00 0.27 MG/L 7.04 UNITS 0.034 MG/L 90.1 UMHOS/CM ACTIVITY START START TEMP TEMP TSS TSS TURB TURB WEATHER COMMENTS
ROUTINE SAMPLE 11/15/2006 09:50:00 0.1 MG/L 7.14 UNITS 0.041 MG/L 67.5 UMHOS/CM ROUTINE SAMPLE 12/06/2006 09:53:00 0.27 MG/L 7.04 UNITS 0.034 MG/L 90.1 UMHOS/CM ACTIVITY START START TEMP TEMP TSS TSS TURB TURB WEATHER COMMENTS
ROUTINE SAMPLE 12/06/2006 09:53:00 0.27 MG/L 7.04 UNITS 0.034 MG/L 90.1 UMHOS/CM ACTIVITY START START TEMP TEMP TSS TSS TURB TURB WEATHER COMMENTS
ACTIVITY START START TEMP TEMP TSS TSS TURB TURB WEATHER COMMENTS
CATEGORY DATE THE DECLUTO INITO DECLUTO DECLUTO DECLUTO DECLUTO DECLUTO
CATEGORY DATE TIME RESULTS UNITS RESULTS QUAL UNITS RESULTS UNITS RESULTS
ROUTINE SAMPLE 03/22/2006 09:59:00 2.4 DEG C 5 < MG/L 2 NTU CLOUDY W/O RAIN, 30S, BREEZE
ROUTINE SAMPLE 04/26/2006 09:48:00 9.3 DEG C 0.5 MG/L 2.8 NTU CLEAR, BREEZE, 50'S
CLOUDY W/OUT RAIN, BREEZE,
ROUTINE SAMPLE 06/02/2006 12:40:00 20 DEG C 14 MG/L 10 NTU 60S
ROUTINE SAMPLE 06/19/2006 09:57:00 22.9 DEG C ND MG/L 2.7 NTU CLEAR, BREEZE 80S
ROUTINE SAMPLE 07/19/2006 09:41:00 25.2 DEG C ND MG/L 2.8 NTU CLEAR, BREEZE, 70S
ROUTINE SAMPLE 08/16/2006 09:44:00 22.6 DEG C ND MG/L 1.8 NTU CLEAR, BREEZE, 70'S
ROUTINE SAMPLE 09/19/2006 10:08:00 19.6 DEG C ND MG/L 1.3 NTU CLOUDY W/O RAIN, CALM, 70'S
ROUTINE SAMPLE 10/17/2006 10:02:00 9.6 DEG C 6.5 MG/L 2.5 NTU CLOUDY W/O RAIN, CALM, 50'S
ROUTINE SAMPLE 11/15/2006 09:50:00 10.3 DEG C ND MG/L 5.8 NTU CLOUDY W/O RAIN, CALM, 60'S
ROUTINE SAMPLE 12/06/2006 09:53:00 2.1 DEG C ND MG/L 2 NTU CLOUDY W/O RAIN, CALM, 30S
Legend
CHL CHLOROPHYLL A, UNCORRECTED FOR PHEOPHYTIN
DO DISSOLVED OXYGEN
DO SAT DISSOLVED OXYGEN SATURATION
DELETED LAB ACCIDENT/ERROR

TKN	NITROGEN KJELDAHL			
nd	NO SAMPLE COLLECTED OR NO MEASUREMENT MADE			
ndr	DID NOT MEET LAB QC			
NO2NO3	NITROGEN NITRATE + NITRITE			
Р	PHOSPHORUS AS P			
QUAL	QUALIFIER			
COND	SPECIFIC CONDUCTANCE			
TEMP	TEMPERATURE WATER			
TSS	TOTAL SUSPENDED SOLIDS			
TURB	TURBIDITY			

Exeter River at the High Street Bridge, Exeter, 09-EXT Note: Data not meeting RPD are shaded.

ACTIVITY	START	START	CHL	CHL	DO	DO	DO SAT	DO SAT			
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS			
ROUTINE SAMPLE	03/20/2006	11:09:00	1.07	UG/L	13.37	MG/L	96.5	%			
ROUTINE SAMPLE	04/24/2006	09:49:00	NDR	UG/L	9.61	MG/L	87.9	%			
ROUTINE SAMPLE	05/31/2006	12:46:00	3.75	UG/L	7.32	MG/L	85.6	%			
ROUTINE SAMPLE	06/21/2006	11:07:00	2.52	UG/L	6.37	MG/L	75.6	%			
ROUTINE SAMPLE	07/18/2006	10:45:00	0.29	UG/L	4.73	MG/L	59.1	%			
ROUTINE SAMPLE	08/15/2006	10:54:00	5.27	UG/L	7.03	MG/L	80.3	%			
ROUTINE SAMPLE	09/20/2006	11:20:00	3.09	UG/L	7.4	MG/L	81.2	%			
ROUTINE SAMPLE	10/18/2006	10:58:00	1.96	UG/L	9.73	MG/L	86.7	%			
ROUTINE SAMPLE	11/16/2006	10:39:00	0.68	UG/L	9.23	MG/L	84.1	%			
ROUTINE SAMPLE	12/07/2006	09:19:00	0.68	UG/L	12.97	MG/L	96.1	%			
ACTIVITY	START	START	EC	EC	EC	NITR	NITR	NITR	TKN	TKN	
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	

ROUTINE SAMPLE	08/15/2006	10:54:00	22.1	DEG C	ND		MG/L	3.4	NTU	CLOUDY W/O RAIN, BREEZE, 70'S		
ROUTINE SAMPLE	07/18/2006	10:45:00	26.4	DEG C	ND		MG/L	3.7	NTU	CLEAR, CALM, 80S		
ROUTINE SAMPLE	06/21/2006	11:07:00	24.3	DEG C	7.5		MG/L	3.1	NTU	CLEAR, BREEZE, 70S		
ROUTINE SAMPLE	05/31/2006	12:46:00	23	DEG C	11		MG/L	2	NTU	CLOUDY W/OUT RAIN, 70S, BREEZE		
ROUTINE SAMPLE	04/24/2006	09:49:00	11.4	DEG C	0		MG/L	2.5	NTU	CLOUDY W/O RAIN, CALM, 40S		
ROUTINE SAMPLE	03/20/2006	11:09:00	1.9	DEG C	5	<	MG/L	3.5	NTU	CLOUDY W/O RAIN, WIND, 30'S		
CATEGORY	DATE	TIME	RESULTS	UNITS	RESULTS	QUAL	UNITS	RESULTS	UNITS	RESULTS		
ACTIVITY	START	START	TEMP	TEMP	TSS	TSS	TSS	TURB	TURB	WEATHER	WEATHER COMMENTS	
ROUTINE SAMPLE	12/07/2006	09:19:00	0.14		MG/L	5.9	UNITS	0.021	MG/L	136.5	UMHOS/CM	
ROUTINE SAMPLE	11/16/2006	10:39:00	ND		MG/L	7.34	UNITS	0.031	MG/L	101.3	UMHOS/CM	
ROUTINE SAMPLE	10/18/2006	10:58:00	ND		MG/L	7.3	UNITS	0.03	MG/L	130.9	UMHOS/CM	
ROUTINE SAMPLE	09/20/2006	11:20:00	0.12		MG/L	6.8	UNITS	0.037	MG/L	179.8	UMHOS/CM	
ROUTINE SAMPLE	08/15/2006	10:54:00	0.12		MG/L	6.47	UNITS	0.039	MG/L	158	UMHOS/CM	
ROUTINE SAMPLE	07/18/2006	10:45:00	0.11		MG/L	6.46	UNITS	0.077	MG/L	142.2	UMHOS/CM	
ROUTINE SAMPLE	06/21/2006	11:07:00	0.15		MG/L	6.33	UNITS	0.043	MG/L	140.2	UMHOS/CM	
ROUTINE SAMPLE	05/31/2006	12:46:00	0.11		MG/L	6.84	UNITS	0.032	MG/L	147.1	UMHOS/CM	
ROUTINE SAMPLE	04/24/2006	09:49:00	ND		MG/L	6.44	UNITS	0.027	MG/L	185.2	UMHOS/CM	
ROUTINE SAMPLE	03/20/2006	11:09:00	0.17		MG/L	6.73	UNITS	0.025	MG/L	89.3	UMHOS/CM	
CATEGORY	DATE	TIME	RESULTS	QUAL	UNITS	RESULTS	UNITS	RESULTS	UNITS	RESULTS	UNITS	
ACTIVITY	START	START	NO2NO3	NO2NO3	NO2NO3	PH	PH	Р	Р	COND	COND	
ROUTINE SAMPLE	12/07/2006	09:19:00	60		CTS/100ML	0.1		MG/L	0.26	MG/L		
ROUTINE SAMPLE	11/16/2006	10:39:00	110		CTS/100ML	ND		MG/L	0.31	MG/L		
ROUTINE SAMPLE	10/18/2006	10:58:00	40		CTS/100ML	ND		MG/L	0.52	MG/L		
ROUTINE SAMPLE	09/20/2006	11:20:00	1560	>	CTS/100ML	ND		MG/L	0.4	MG/L		
ROUTINE SAMPLE	08/15/2006	10:54:00	120		CTS/100ML	ND		MG/L	0.5	MG/L		
ROUTINE SAMPLE	07/18/2006	10:45:00	30		CTS/100ML	ND		MG/L	0.67	MG/L		
ROUTINE SAMPLE	06/21/2006	11:07:00	60		CTS/100ML	0.059		MG/L	0.5	MG/L		
ROUTINE SAMPLE	05/31/2006	12:46:00	80		CTS/100ML	0.058		MG/L	0.5	MG/L		
ROUTINE SAMPLE	04/24/2006	09:49:00	40		CTS/100ML	ND		MG/L	0.51	MG/L		
ROUTINE SAMPLE	03/20/2006	11:09:00	10	<	CTS/100ML	0.2	<	MG/L	0.3	MG/L		

ROUTINE SAMPLE	09/20/2006	11:20:00	ND	DEG C	ND		MG/L	4.4	NTU	CLEAR, BR	EEZE, 80'S	
ROUTINE SAMPLE	10/18/2006	10:58:00	10.2	DEG C	ND		MG/L	3.2	NTU	CLOUDY W/O RAIN, BREEZE, 60'S		ZE, 60'S
ROUTINE SAMPLE	11/16/2006	10:39:00	11.1	DEG C	ND		MG/L	4.2	NTU	CLOUDY W/RAIN, CALM, 50'S		50'S
ROUTINE SAMPLE	12/07/2006	09:19:00	2.9	DEG C	ND		MG/L	2.4	NTU	CLEAR, BREEZE, 40S		
Legend												
CHL	CHLOROPH'	YLL A, UNCO	RRECTED FO	OR PHEOPI	HYTIN							
DO	DISSOLVED	OXYGEN										
DO SAT	DISSOLVED	OXYGEN SA	TURATION									
DELETED	LAB ACCIDE	NT/ERROR										
EC	ESCHERICHIA COLI											
NITR	NITROGEN AMMONIA											
TKN	NITROGEN KJELDAHL											
nd	NO SAMPLE COLLECTED OR NO MEASUREMENT MADE											
ndr	DID NOT ME	ET LAB QC										
NO2NO3	NITROGEN N	NITRATE + NI	TRITE									
Р	PHOSPHOR	JS AS P										
QUAL	QUALIFIER											
COND	SPECIFIC CONDUCTANCE											
TEMP	TEMPERATURE WATER											
TSS	TOTAL SUSPENDED SOLIDS											
TURB	TURBIDITY											

APPENDIX C –DATA NOT COMPLIANT WITH PARAMETER-SPECIFIC RELATIVE PERCENT DIFFERENCE

Station id	Date	Parameter	Reason for Invalid Result
02-WNC	3/20/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
02-WNC	3/20/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BER	3/20/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SAG	3/20/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
09-EXT	3/20/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BLM	3/22/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-LMP	3/22/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-OYS	3/22/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SFR	3/22/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
07-CCH	3/22/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
02-WNC	4/24/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
02-WNC	4/24/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BER	4/24/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SAG	4/24/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
09-EXT	4/24/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BLM	4/26/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-LMP	4/26/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-OYS	4/26/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SFR	4/26/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
07-CCH	4/26/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
02-WNC	5/31/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BER	5/31/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BER	5/31/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SAG	5/31/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
09-EXT	5/31/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BLM	6/2/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BLM	6/2/2006	CHLOROPHYLL A	Result validity questionable. Sample taken over 24 hours before being filtered.
05-LMP	6/2/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-LMP	6/2/2006	CHLOROPHYLL A	Result validity questionable. Sample taken over 24 hours before being filtered.
05-OYS	6/2/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-OYS	6/2/2006	CHLOROPHYLL A	Result validity questionable. Sample taken over 24 hours before being filtered.
05-SFR	6/2/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SFR	6/2/2006	CHLOROPHYLL A	Result validity questionable. Sample taken over 24 hours before being filtered.
07-CCH	6/2/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
07-CCH	6/2/2006	CHLOROPHYLL A	Result validity questionable. Sample taken over 24 hours before being filtered.

Station id	Date	Parameter	Reason for Invalid Result
05-BLM	6/19/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-LMP	6/19/2006	SPECIFIC CONDUCTANCE	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-OYS	6/19/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SFR	6/19/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
07-CCH	6/19/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
02-WNC	6/21/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
02-WNC	6/21/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BER	6/21/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SAG	6/21/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
09-EXT	6/21/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BER	7/18/2006	CHLOROPHYLL A	Machine had a problem, so the sample had to be poured back into the test tube from the cuvette, and then was re-poured into the cuvette and tested. There was a lot of floating organic debris in the sample after filtration.
05-BLM	7/19/2006	SPECIFIC CONDUCTANCE	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
02-WNC	8/15/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BER	8/15/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BER	8/15/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SAG	8/15/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
09-EXT	8/15/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BLM	8/16/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-LMP	8/16/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-OYS	8/16/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SFR	8/16/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
07-CCH	8/16/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BLM	9/19/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-OYS	9/19/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-OYS	9/19/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SFR	9/19/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
07-CCH	9/19/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
02-WNC	9/20/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BER	9/20/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-LMP	9/20/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SAG	9/20/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
09-EXT	9/20/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BLM	10/17/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-LMP	10/17/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.

Station id	Date	Parameter	Reason for Invalid Result
05-OYS	10/17/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
07-CCH	10/17/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
02-WNC	10/18/2006	TOTAL SUSPENDED SOLIDS	TKN/NH3 ACID ADDED AT LAB; RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BER	10/18/2006	TOTAL SUSPENDED SOLIDS	TKN/NH3 ACID ADDED AT LAB; RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SAG	10/18/2006	TOTAL SUSPENDED SOLIDS	TKN/NH3 ACID ADDED AT LAB; RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SAG	10/18/2006	TOTAL SUSPENDED SOLIDS	TKN/NH3 ACID ADDED AT LAB; RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
09-EXT	10/18/2006	TOTAL SUSPENDED SOLIDS	TKN/NH3 ACID ADDED AT LAB; RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
02-WNC	11/15/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BLM	11/15/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-LMP	11/15/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-OYS	11/15/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-OYS	11/15/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
07-CCH	11/15/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BER	11/16/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SAG	11/16/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SAG	11/16/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SFR	11/16/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
09-EXT	11/16/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BLM	12/6/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-OYS	12/6/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-OYS	12/6/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SFR	12/6/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
07-CCH	12/6/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
02-WNC	12/7/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-BER	12/7/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-LMP	12/7/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
05-SAG	12/7/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.
09-EXT	12/7/2006	TOTAL SUSPENDED SOLIDS	RESULTS INVALID - FIELD REPLICATE RPD EXCEEDS CRITERIA IN 6/23/2006 SAMPLING AND ANALYSIS PLAN.