

Section 5-8

Presumpscot River & Tributaries (Presumpscot River Watch)

Refer to Chapter 4 of this document for information about sampling methods, sampling sites, and quality assurance.

Overview

Presumpscot River Watch (PRW), incorporated as a not-for-profit organization in 1989, works to preserve and improve the health of the Presumpscot River and its tributaries. The mission of the PRW is to preserve and improve the health of the Presumpscot River watershed by scientific monitoring of water quality and sharing data to increase awareness of the condition of the river. PRW's commitment is primarily accomplished through a seasonal (summer) volunteer water quality monitoring program that enhances public awareness of river water quality in the Presumpscot River watershed. The data generated from the monitoring program also serve other purposes: (1) verification of State water quality standards; (2) identification of specific problem areas; (3) establishment of baseline water quality monitoring data; and (4) use of water quality monitoring results by other organizations.

The Presumpscot River originates at Sebago Lake Basin and flows approximately 25 miles (40 km) to the Atlantic Ocean (Casco Bay) through Cumberland County, Maine. The Presumpscot River contributes the largest freshwater input into Casco Bay, draining approximately 648 square miles. The Presumpscot watershed below Sebago Lake is slightly more than 200 square miles. Nine dams, seven of which are used to generate hydroelectric power, create impoundment and associated tailwater habitats. The uppermost dam is located at the Sebago Lake outlet, whereas the lowermost dam is located at the SAPPI Mill in Westbrook. Major tributaries to the Presumpscot River include the Pleasant River, Little River, and the Piscataqua River; minor tributaries include Otter Brook, Nason Brook, Black Brook, Colley Wright Brook, Inkhorn Brook, and Mill Brook. Highland Lake and Forest Lake are the primary lakes in the Presumpscot River watershed; Mill Brook and the Piscataqua River, respectively, connect them to the main stem of the Presumpscot River. Windham, Gorham, Westbrook, Cumberland, Falmouth, and Portland represent primary municipalities in the Presumpscot River watershed, and are characterized by multiple land uses. Urban areas include residential and commercial dwellings, commercial businesses, light industry, and water and wastewater treatment plants. Westbrook and Portland contribute combined sewer overflow (CSO) discharge to the Presumpscot River below Saccarappa Falls. The SAPPI paper mill is located in Westbrook. Agricultural practices such as row crop and pasture constitute the agricultural land use component, whereas mixed deciduous and coniferous forest comprise the forest component.

According to Maine's statutory Water Classification System, the Presumpscot River Basin has designations listed below.¹

- Presumpscot River, main stem.
 - From the outlet of Sebago Lake to the confluence with the Pleasant River – Class A. (Note: Dundee Pond is a great pond, classified GPA)
 - From the confluence with the Pleasant River to Saccarappa Falls – Class B.

¹ <http://www.mainelegislature.org/legis/statutes/38/title38sec467.html>

- From the Saccarappa Falls to tidewater – Class C.
- Below head-of-tide – Class SC.
- Presumpscot River tributaries below Sebago Lake – Class B.

Methods

The volunteers monitor the Presumpscot River annually. There are twenty-five monitoring sites in the watershed (Table 5-8-1). Although PRW's goal is to monitor all sites each year, they are not always able to do so. In 2012 they sampled 21 sites, 16 of which are VMRP approved sites. (Figures 5-8-1 through 5-8-6). All stations are above the head-of-tide at Presumpscot Falls.

Monitoring was conducted between 5:41 and 8:40 AM, every two weeks from May 19th through August 25th. At most of the sites, the monitors take measurements of dissolved oxygen and temperature using either YSI 550A or YSI 85 meters. At two sites, dissolved oxygen was measured with a LaMotte dissolved oxygen titration kit and temperature was measured with a handheld thermometer. Grab samples were collected for *E. coli* bacteria and transported to the PRW office for analysis using IDEXX Quanti-Tray 2000 method. Air temperature, weather conditions, and water appearance were recorded.

Table 5-8-1. Presumpscot River Watch sampling sites, ordered from upstream down for the main stem and the same for the tributaries at their confluence with the Presumpscot River (*indicates non-approved sites).

Site ID	Organization Site Code	Sample Location	Class
Presumpscot River-R202-VRMP*	P170	North Gorham Dam	A
Presumpscot River-R195-VRMP*	P160	Dundee Pond Headwater	A
Presumpscot River-R166-PRW *	P150	Covered Bridge	A
Presumpscot River-R157-PRW *	P135	Park in Gambo	B
Presumpscot River-R133-VRMP	P110	Presumpscot River	B
Presumpscot River-R47-VRMP	P030	Presumpscot River	C
Presumpscot River-R24-VRMP	P020	Blackstrap Road	C
Otter Brook-ROT06-VRMP	OB010	Otter Brook	B
Nason Brook-RNS11-VRMP	N010	Nason Brook	B
Baker Brook-RPLBK17-VRMP	BB010	Baker Brook	B
Ditch Brook-RPL00-VRMP	DB010	Ditch Brook	B
Pleasant River -RPL47-VRMP	PL040	Route 302	B
Pleasant River-RPL06-VRMP	PL010	Lovett Bridge	B
Black Brook-RBK05-VRMP	BL010	Black Brook	B

Table 5-8-1. (Continued) Presumpscot River Watch sampling sites, ordered from upstream down for the main stem and the same for the tributaries at their confluence with the Presumpscot River (*indicates non-approved sites).

Site ID	Organization Site Code	Sample Location	Class
Colley Wright Brook-RCW28-VRMP	CW020	Colley Wright Brook	B
Colley Wright Brook-RCW10-VRMP	CW010	Colley Wright Brook	B
Douglas Brook-RLTNBDG20-VRMP	DG010	Douglas Brook	B
Little River-L050-VRMP	L050	Little River	B
Little River-RLT15-VRMP	L020	Route 202/4	B
Little River-RLT08-PRW *	L010	Route 237	B
Inkhorn Brook-RIK05-VRMP	IN010	Inkhorn Brook	B
Mill Brook-RML63-VRMP	M030	Below Highland Lake	B
Mill Brook-RML01-VRMP	M010	Bridge Street	B
E. Branch Piscataqua River-RPSEB05-VRMP	PI010	Falmouth Road	B
Piscataqua River-RPS12-VRMP	PI020	Leighton Road	B

2012 Presumpscot River Sampling Sites, Main Stem Presumpscot River Watch

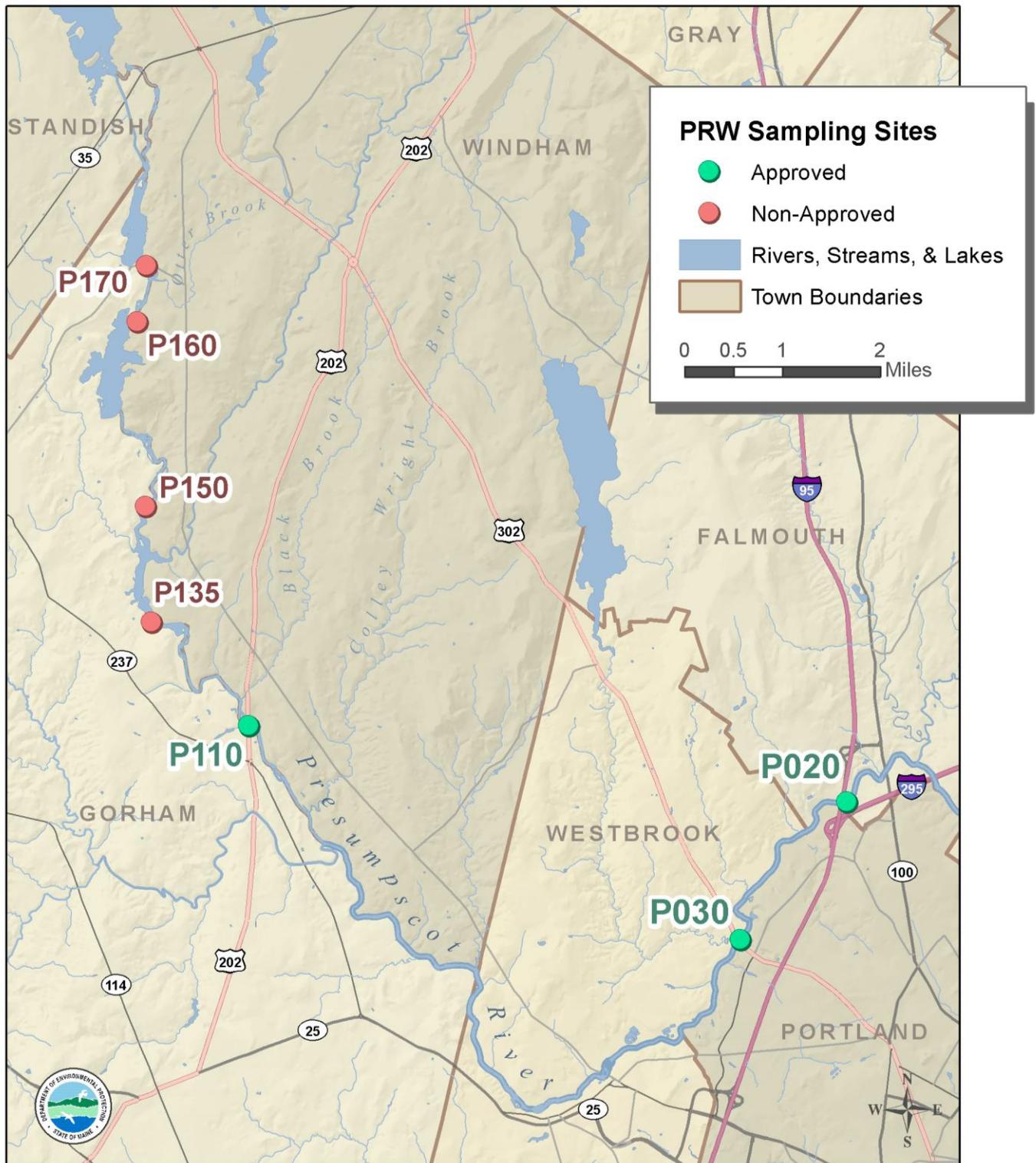


Figure 5-8-1: Map of Presumpscot River Watch main stem sampling sites.

2012 Presumpscot River Sampling Sites, Pleasant River Presumpscot River Watch

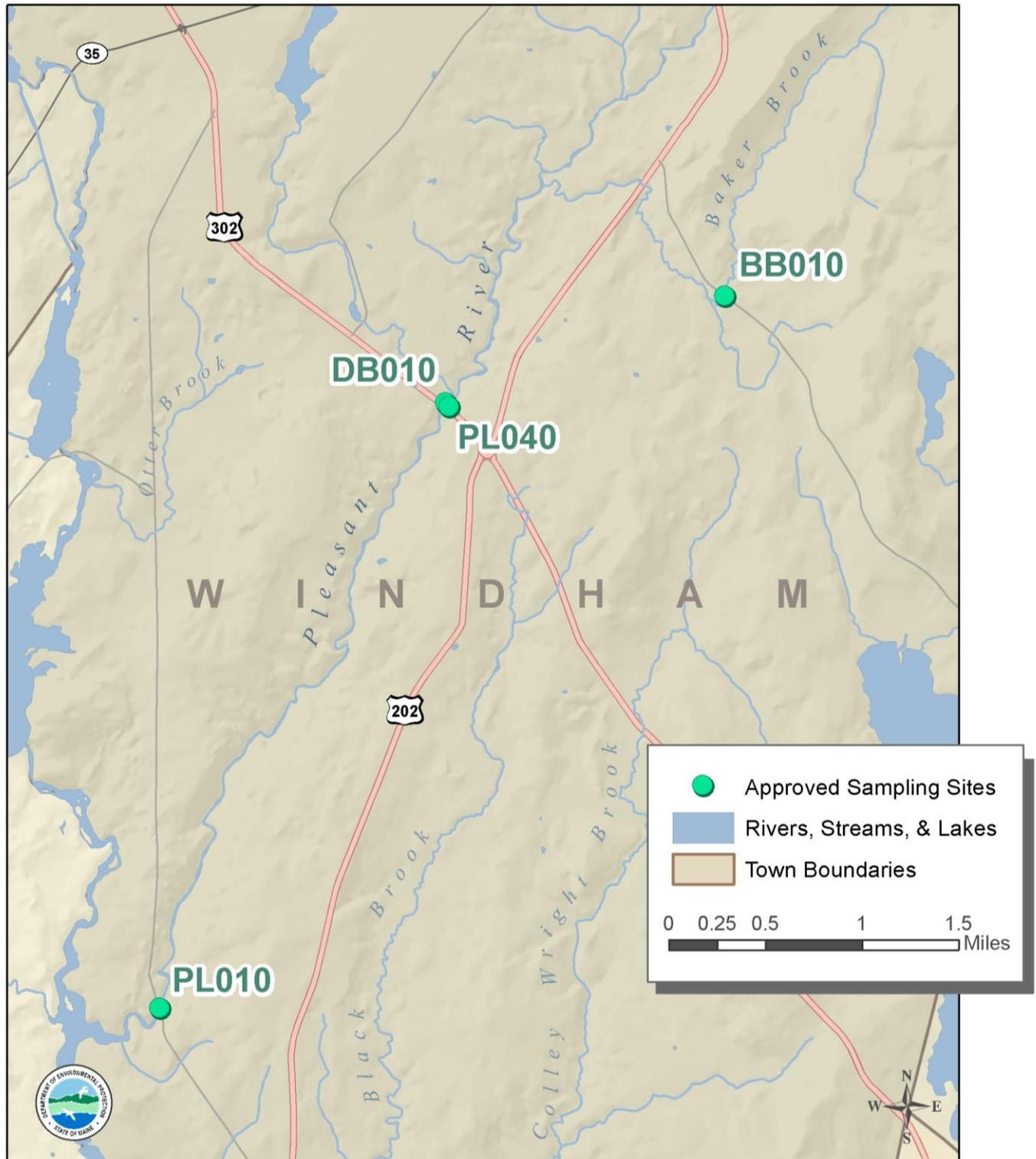


Figure 5-8-2: Map of Presumpscot River Watch sampling sites at Pleasant River and tributaries.

2012 Presumpscot River Sampling Sites, Windham/Gorham Tributaries Presumpscot River Watch

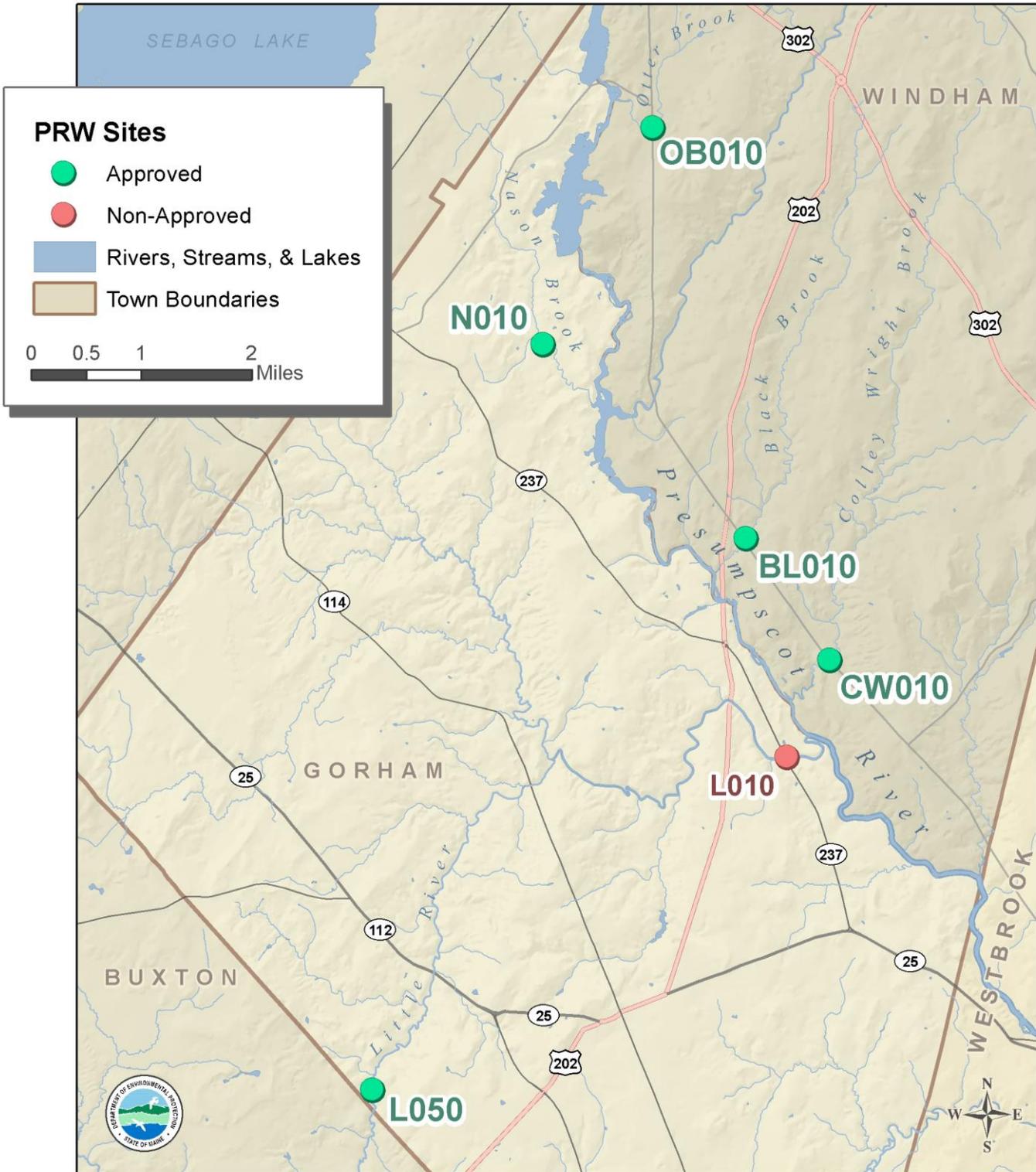


Figure 5-8-3: Map of Presumpscot River Watch sampling sites, Windham/Gorham area tributaries.

2012 Presumpscot River Sampling Sites, Westbrook/Falmouth Tributaries Presumpscot River Watch

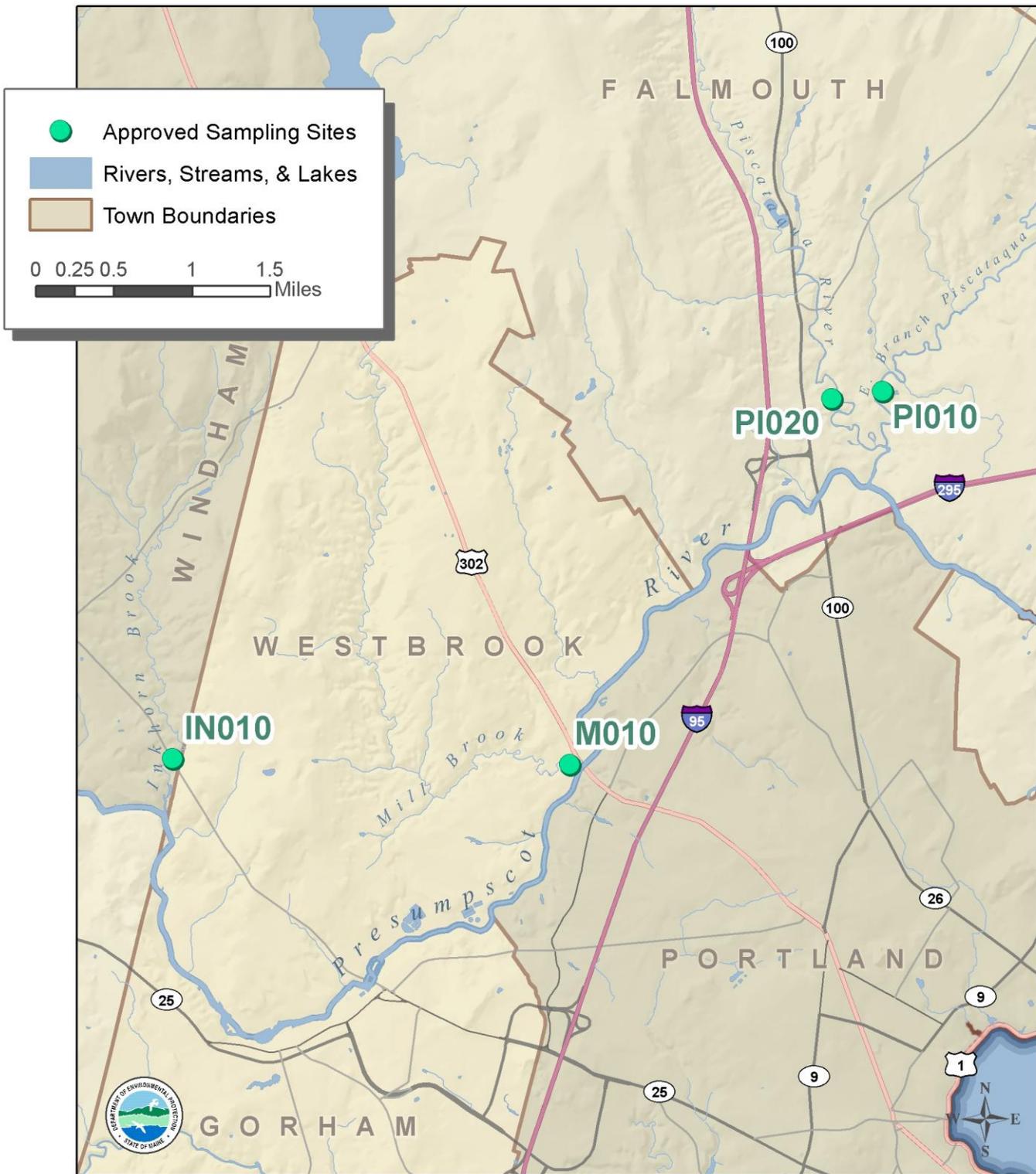


Figure 5-8-4: Map of Presumpscot River Watch sampling sites, Westbrook/Falmouth area tributaries.

Results

For the purpose of discussion, the sampling stations were divided into Presumpscot River main stem (site code P170 – P020), and the tributaries collectively. Refer to Appendices A-1 and A-2 in discussion of individual site data and trends, as well as graphed data (Figures 5-8-8 through 5-8-23), at the end of this section of the report.

Precipitation

Figure 5-8-7 provides a graph of rainfall and sampling dates for the monitoring period. Rainfall data was obtained from Weather Underground (<http://www.wunderground.com>). Weather station choice was based on proximity and station with most complete records. If there was an airport station close by, this was chosen. This information provides an overview of rainfall events and can be useful in interpreting monitoring results for some parameters.

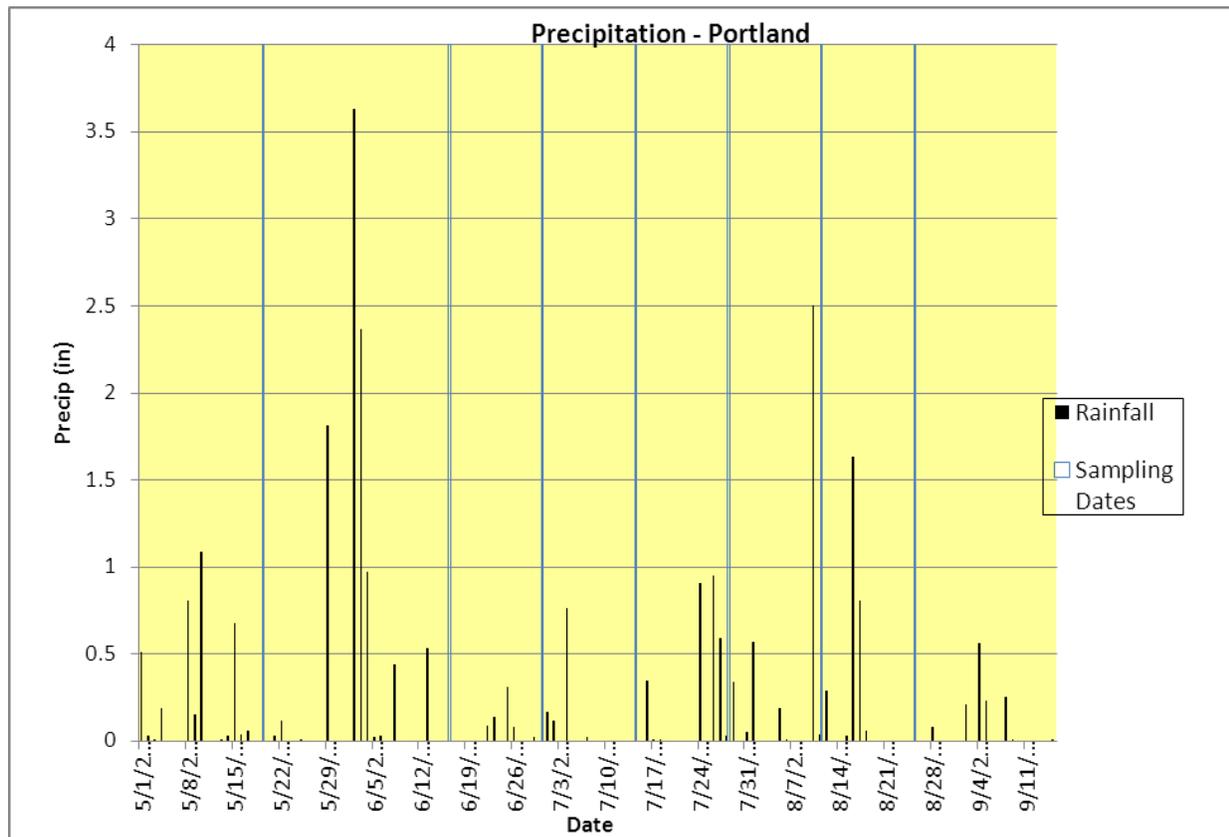


Figure 5-8-5: Seasonal precipitation measured at the Portland Jetport.

Dissolved Oxygen

Presumpscot Main stem:

Dissolved oxygen (DO) was measured 5-7 times throughout the season at each of the seven main stem sampling sites (Table 5-8-2 and 5-8-3). All DO measurements except P030 on August 11th were taken before 8:00 AM, the recommended period to measure diurnal low concentrations. Dissolved oxygen percent saturation was measured at all seven main stem sites. At P030 and P020 (dam impoundments), measurements were made at 1-meter increments in order to determine if the impoundment developed thermal stratification or if the water was fully mixed. At both sites, the water was fully mixed and parameters were averaged for the day (see Appendix A-1). Class A and B criteria for DO are a minimum of 7.0 mg/l or 75% saturation. Class C criteria for dissolved oxygen are a minimum of 5.0 mg/l or 60 % saturation. To meet water quality criteria, both concentration and saturation standards must be met.

Dissolved oxygen concentrations in the main stem of the river ranged from 6.5 to 10.2 mg/l and from 75.7 to 107.4 percent saturation. All three Class A sampling sites (P170, P160, and P150) met both criteria. Both Class B sampling sites (P135, P110) met Class B criterion of 7.0 mg/l, except for June 30th at P135 where the DO concentration was 6.5 mg/l. Sites P170, P160, P150, and P135 are non-approved sites because the measurements were taken near the shore which could skew the readings. Dissolved oxygen levels never dropped below the Class C instantaneous criteria of 5.0 mg/L or 60 % saturation in the lower Presumpscot River (P030 and P020).

Presumpscot Tributaries:

Dissolved oxygen (DO) concentration was measured 5-8 times at each of the fourteen sampling sites on the five major Presumpscot tributaries and their feeder streams (Table 5-8-2 and Table 5-8-3). Ninety-nine percent (166 out of 168) of the DO measurements were taken before 8:00 AM, the recommended period to measure diurnal low concentrations. Class B criteria for dissolved oxygen are a minimum of 7.0 mg/l or 75% saturation. To meet water quality criteria, both concentration and saturation standards must be met.

Nine out of fourteen sample sites had DO measurements below the Class B instantaneous criteria of 7.0 mg/L and 75 % saturation. Of the 168 readings recorded throughout the season, 149 (or 89%) met criteria. This was an improvement over 2011.

Table 5-8-2: A summary of minimum, maximum, and average dissolved oxygen concentration values (mg/l) at Presumpscot River Watch monitoring sites.

Site	Approved Site	# of Samples	Minimum Value	Maximum Value	Average Value
P170	N	7	7.7	9.4	8.5
P160	N	7	7.2	9.4	8.2
P150	N	6	6.7	9.2	7.9
P135	N	3	6.5	9.3	7.6
P110	Y	7	7.1	9.3	7.9
P030*	Y	26	7.2	10.2	8.4
P020*	Y	24	6.8	10.1	8.0
OB010	Y	3	1.6	3.3	2.3
N010	Y	3	7.7	9.3	8.4
BB010	Y	6	5.0	7.9	6.5
DB010	Y	3	8.0	8.9	8.3
PL040	Y	3	6.2	8.3	7.2
PL010	Y	7	7.8	9.4	8.2
BL010	Y	7	6.5	8.6	7.7
CW010	Y	8	4.4	9.6	8.0
L050	Y	7	6.7	8.9	7.6
L010	N	6	7.8	9.6	8.7
IN010	Y	8	5.6	8.2	7.0
M010	Y	8	7.0	9.7	8.1
PI010	Y	7	6.5	9.6	7.8
PI020	Y	7	8.2	10.4	9.2

* Depth profile measurements made during seven site visits. Average Value was determined by first averaging the profiles before averaging of each sampling day.

Table 5-8-3: A summary of minimum, maximum, and average dissolved oxygen saturation values (%) at Presumpscot River Watch monitoring sites.

Site	Approved Site	# of Samples	Minimum Value	Maximum Value	Average Value
P170	N	7	91.9	98.8	95.6
P160	N	7	87.8	97.5	92.1
P150	N	7	80.4	97.6	89.2
P135	N	5	75.7	95.3	88.5
P110	Y	7	83.4	94.8	90.2
P030*	Y	26	82.1	107.4	94.0
P020*	Y	24	80.9	106.4	90.8
OB010	Y	5	15.2	33.5	26.4
N010	Y	5	80.6	94.2	88.0
BB010	Y	7	54.8	82.6	70.6
DB010	Y	5	93.1	97.6	95.6
PL040	Y	5	69.8	88.7	82.0
PL010	Y	7	86.5	94.2	90.7
BL010	Y	8	69.9	93.8	81.3
CW010	Y	8	50.8	95.5	83.1
L050	Y	7	73.4	85.6	79.3
L010	N	6	86.1	96.8	91.0
IN010	Y	8	62.5	83.5	74.5
M010	Y	8	73.9	98.4	86.9
PI010	Y	7	73.2	91.8	80.5
PI020	Y	7	85.8	103.1	94.6

* Depth profile measurements made during seven site visits. Average Value was determined by first averaging the profiles before averaging of each sampling day.

Water Temperature

All Sample Sites:

Temperature was measured 5-7 times at all seven of the main stem sampling sites and 5-8 times at the fourteen tributary sites (Table 5-8-4). All temperature readings were taken before 8:40 AM. Water temperatures varied over time at all sites, increasing as the spring shifted into summer. Main stem water temperatures are generally higher than tributaries. The average July/August water temperature for the main stem sample sites were 24.7°C/24.4°C. The average July/August water temperatures for the tributaries were 18.9°C/ 18.8°C. The difference between the main stem and the tributaries is due to resident time within dam impoundments and lack of tree cover across the width of the channel.

Table 5-8-4: A summary of minimum, maximum, and average water temperature values (°C) at Presumpscot River Watch monitoring sites.

Site	Approved Site	# of Samples	Minimum Value	Maximum Value	Average Value
P170	N	7	15.9	26.2	21.7
P160	N	7	15.5	26.1	21.5
P150	N	7	15.2	25.4	21.4
P135	N	5	16.6	25.8	20.5
P110	Y	7	16.3	25.6	22.3
PO30*	Y	26	15.9	25.1	21.3
PO20*	Y	24	15.9	25.2	21.7
OB010	Y	5	13.8	19.0	16.5
N010	Y	5	11.0	17.5	14.4
BB010	Y	7	15.2	20.4	18.6
DB010	Y	5	16.7	23.0	20.0
PL040	Y	5	14.3	21.2	17.9
PL010	Y	7	15.7	23.0	20.3
BL010	Y	8	11.6	20.2	17.2
CW010	Y	8	12.6	22.8	17.8
L050	Y	7	13.5	19.9	17.7
L010	N	6	13.0	20.6	17.5
IN010	Y	8	13.0	21.1	18.3
M010	Y	8	14.0	21.3	18.8
PI010	Y	7	13.3	21.5	18.3
PI020	Y	7	13.0	19.6	17.1

* Depth profile measurements made during seven site visits. Average Value was determined by first averaging the profiles before averaging of each sampling day.

Bacteria

Presumpscot Main stem:

Escherichia coli bacteria were sampled 5-8 times at each of the seven main stem sampling sites (Table 5-8-5). *E. coli* bacteria are used as the indicator organism for freshwaters. While this type of bacteria is not a pathogen, its presence in the water may indicate the presence of other organisms including bacteria and viruses that can cause gastrointestinal illnesses. Typically, observed high bacterial levels are often associated with stormwater runoff and/or combined sewer overflows. Most of the *E. coli* samples dates did not have significant rainfall events within two days of sampling and would not be expected to be influenced by stormwater runoff. Two dates were the exception. The day before the July 28th sampling there was 0.6 inches of rain measured at the Portland Jetport (Figure 5-8-7) with a total of 2.48 inches within the previous four days. Samples taken on August 11th occurred the day after 2.5 inches of rain measured at the Jetport.

Class B criteria for bacteria are as follows: “Between May 15th and September 30th, the number of *Escherichia Coli* of human and domestic origin shall not exceed a geometric mean of 64/100 ml (milliliters) or an instantaneous level of 236/100 ml.” Class C criteria are: “Between May 15th and September 30th, the number of *Escherichia Coli* of human and domestic origin shall not exceed a geometric mean of 126/100 ml (milliliters) or an instantaneous level of 236/100 ml.” Geometric means are calculated instead of averages because measures like bacteria often have a few very large values that strongly influence the mean and make it a poor predictor.

The main stem of the Presumpscot had violation of the bacteria standard for instantaneous readings at two of the seven sites on July 28th and six of the seven sampling sites on August 11th. This suggests a high probability that the exceedance is due to stormwater runoff. No main stem sampling site exceeded the geometric mean criterion for either Class B or Class C bacteria standard.

Presumpscot Tributaries:

E. coli bacteria were sampled 5-8 times at each of the fourteen tributary sampling sites (Table 5-8-5). *E. coli* bacteria are used as the indicator organism for freshwaters. While this type of bacteria is not a pathogen, its presence in the water may indicate the presence of other organisms including bacteria and viruses that can cause gastrointestinal illnesses. Most of the *E. coli* samples dates did not have significant rainfall events within two days of sampling and would not be expected to be influenced by stormwater runoff; two dates were the exception. The day before the July 28th sampling there was 0.6 inches of rain measured at the Portland Jetport (Figure 5-9-7) and a total of 2.48 inches within the previous four days. Samples taken on August 11th occurred the day after there was 2.5 inches of rain measured at the Jetport.

Class B criteria for bacteria are as follows: “Between May 15th and September 30th, the number of *Escherichia Coli* of human and domestic origin shall not exceed a geometric mean of 64/100 ml (milliliters) or an instantaneous level of 236/100 ml.”

Twelve of fourteen tributary sampling sites violated Class B geometric mean criterion of 64/100 ml and the instantaneous criterion of 236/100 ml. Examining the data in Appendix A-1 the 2.5 inch rainfall event on August 10th and the resulting runoff generated six of the seven maximum values that exceeded the test

limit of 2420/100 ml. If the August 11th data were removed from the analysis, ten of the fourteen sites would still violate Class B criteria.

Table 5-8-5: A summary of minimum, maximum, and geometric mean values (MPN/100 mL) for bacteria at Presumpscot River Watch monitoring sites.

Site	Approved Site	# of Samples	Minimum Value	Maximum Value	Geometric Mean
P170	N	7	3	276	11
P160	N	7	1	345	10
P150	N	7	4	248	13
P135	N	5	20	88	39
P110	Y	7	20	>2420	75
P030	Y	8	27	435	96
P020	Y	8	28	579	105
OB010	Y	5	26	91	53
N010	Y	5	11	365	131
BB010	Y	7	21	1046	110
DB010	Y	5	27	126	50
PL040	Y	5	168	435	253
PL010	Y	7	38	>2420	467
BL010	Y	8	9	>2420	107
CW010	Y	8	31	>2420	288
L050	Y	7	35	>2420	212
L010	N	6	50	>2420	150
IN010	Y	8	65	1986	374
M010	Y	8	38	>2420	234
PI010	Y	7	88	>2420	224
PI020	Y	7	43	1986	194

Discussion and Recommendations

There are numerous sources of pollution and other stresses to the Presumpscot River watershed that could potentially have an impact on water quality. Some of those sources of pollution and stress may include:

- Non-point source pollution (e.g., eroded soil, fertilizers, pesticides, heavy metals, petroleum residues, road salt, wildlife and pet feces) and polluted stormwater originating from impervious surfaces (e.g., streets, parking lots, driveways, rooftops), agriculture, and forestry
- Dams and impoundments (which often create more pond-like aquatic habitat conditions that may have higher water temperatures and lower dissolved oxygen concentrations than if the river section was free-flowing)
- Natural effects of wetlands (such as contributing waters to a stream/river that have low dissolved oxygen levels due to the decomposition of large amounts of organic matter, respiration of abundant plant matter, and low re-aeration rates that is characteristic of many wetlands)
- Point sources (e.g., failing private septic systems, wastewater treatment plants, combined sewer overflows [CSO], and industrial discharges) of pollution.

The following are recommendations for future monitoring:

- Continue early morning sampling to document daily low dissolved oxygen readings. This is particularly important during the summer months of July to early September when temperatures are warmest and dissolved oxygen tends to be at the lowest levels.
- Continue monitoring at all stations to develop a long term trend database.
- Have non-VRMP approved sampling sites approved.
- Consider an additional site directly upstream of Presumpscot Falls in order to document dissolved oxygen levels in the lowest freshwater reach of the river. This is where, longitudinally, the lowest dissolved oxygen readings for the lower Presumpscot are expected to be found.
- Further monitoring of *E. coli* bacteria in the tributaries in order to determine sources. Consider bracketing expected sources.

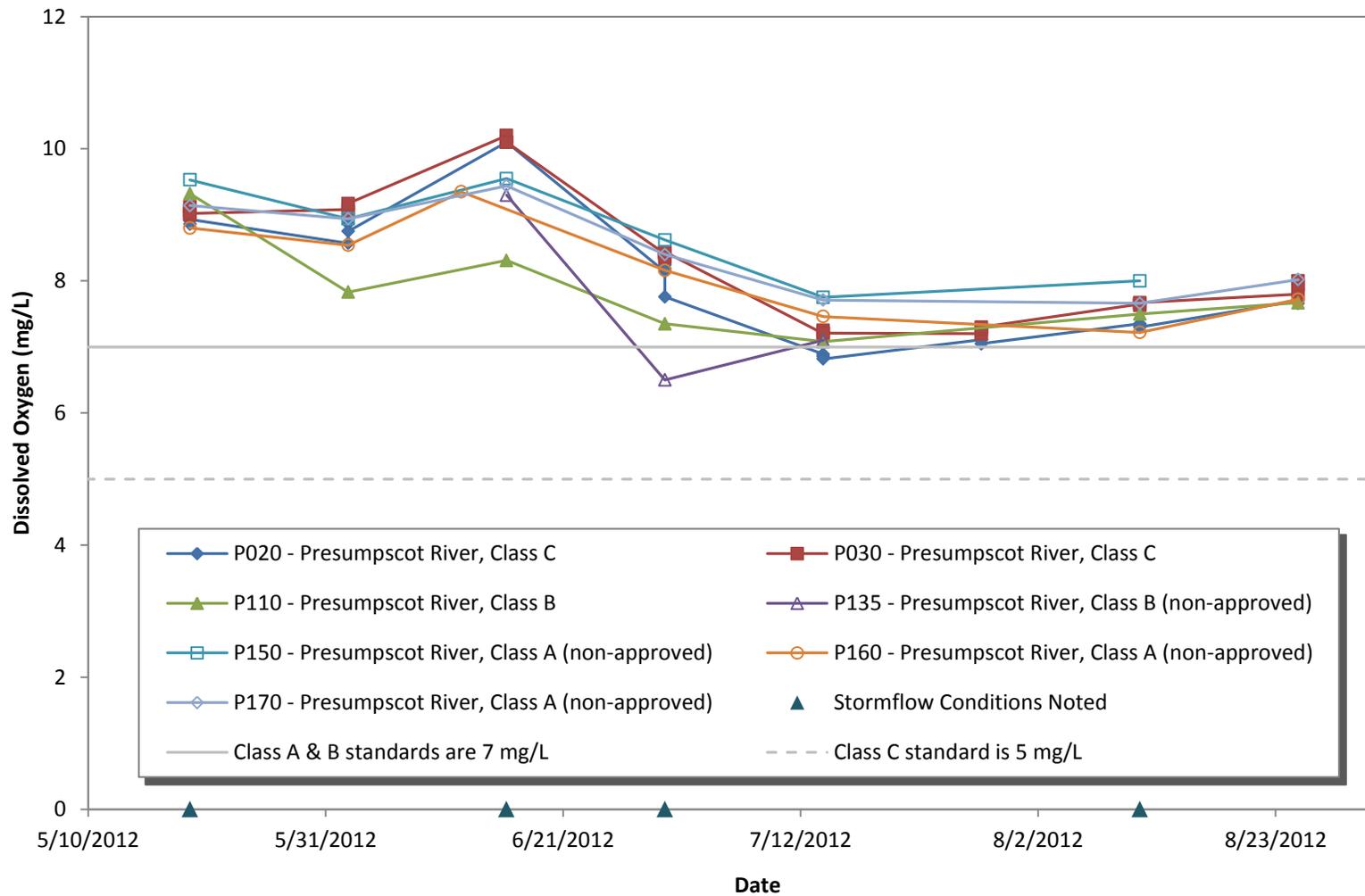


Figure 5-8-6. Dissolved oxygen concentrations of Presumpscot River Watch monitoring sites on the mainstem of the Presumpscot River for 2012

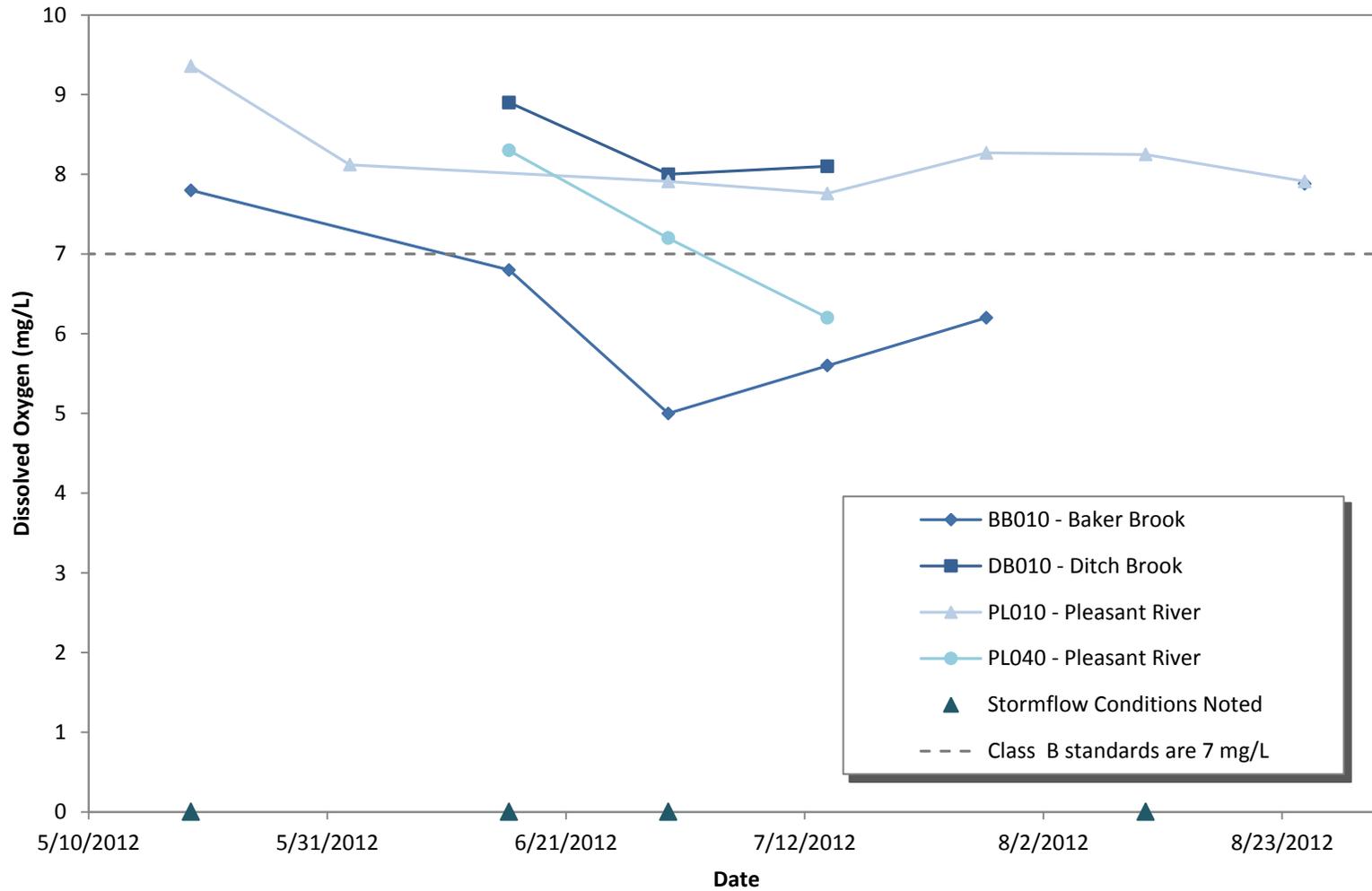


Figure 5-8-7. Dissolved oxygen concentrations of Presumpscot River Watch approved monitoring sites on the Pleasant River and tributaries for 2012

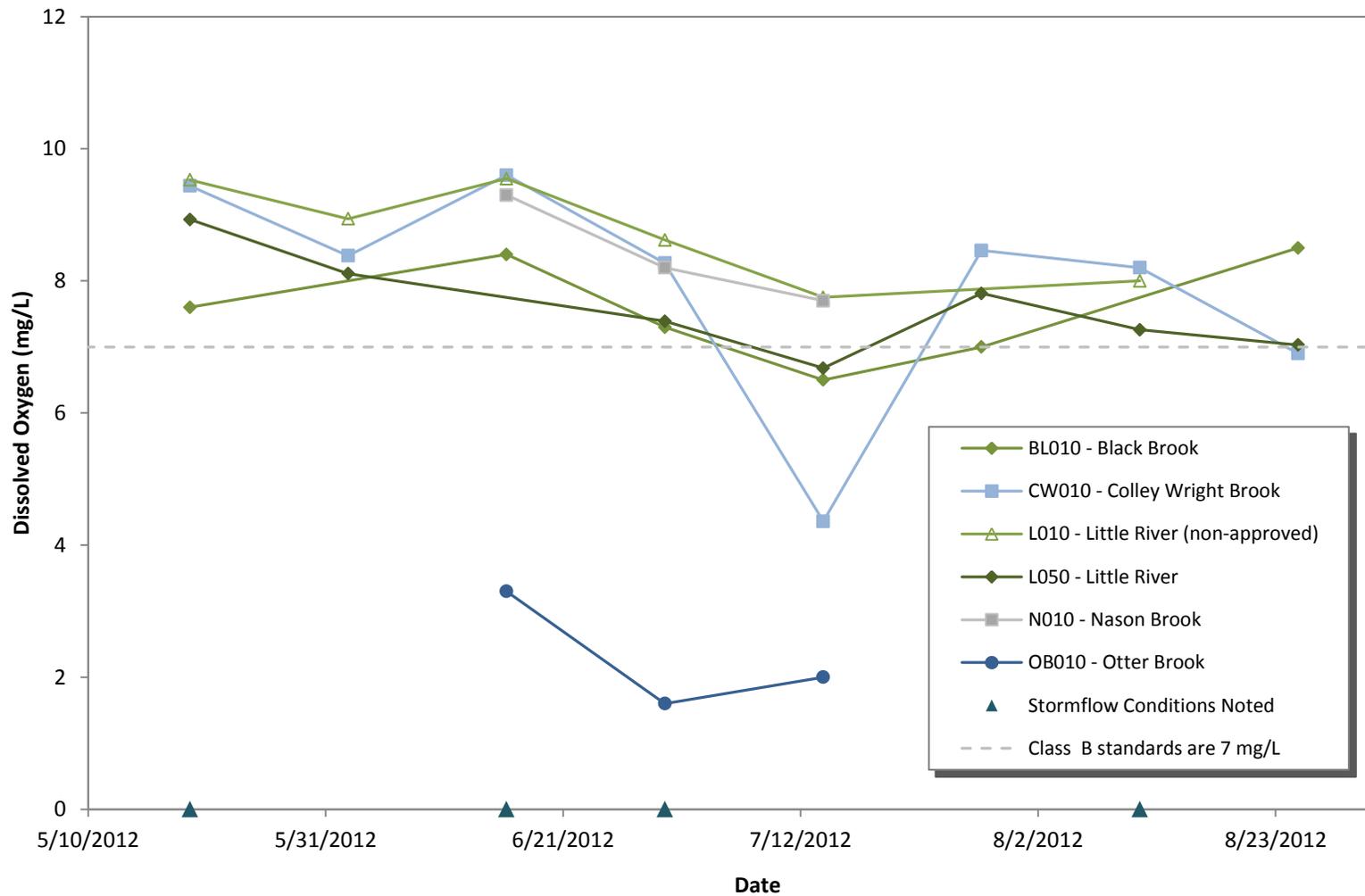


Figure 5-8-8. Dissolved oxygen concentrations of Presumpscot River Watch monitoring sites on the Windham/Gorham area tributaries for 2012

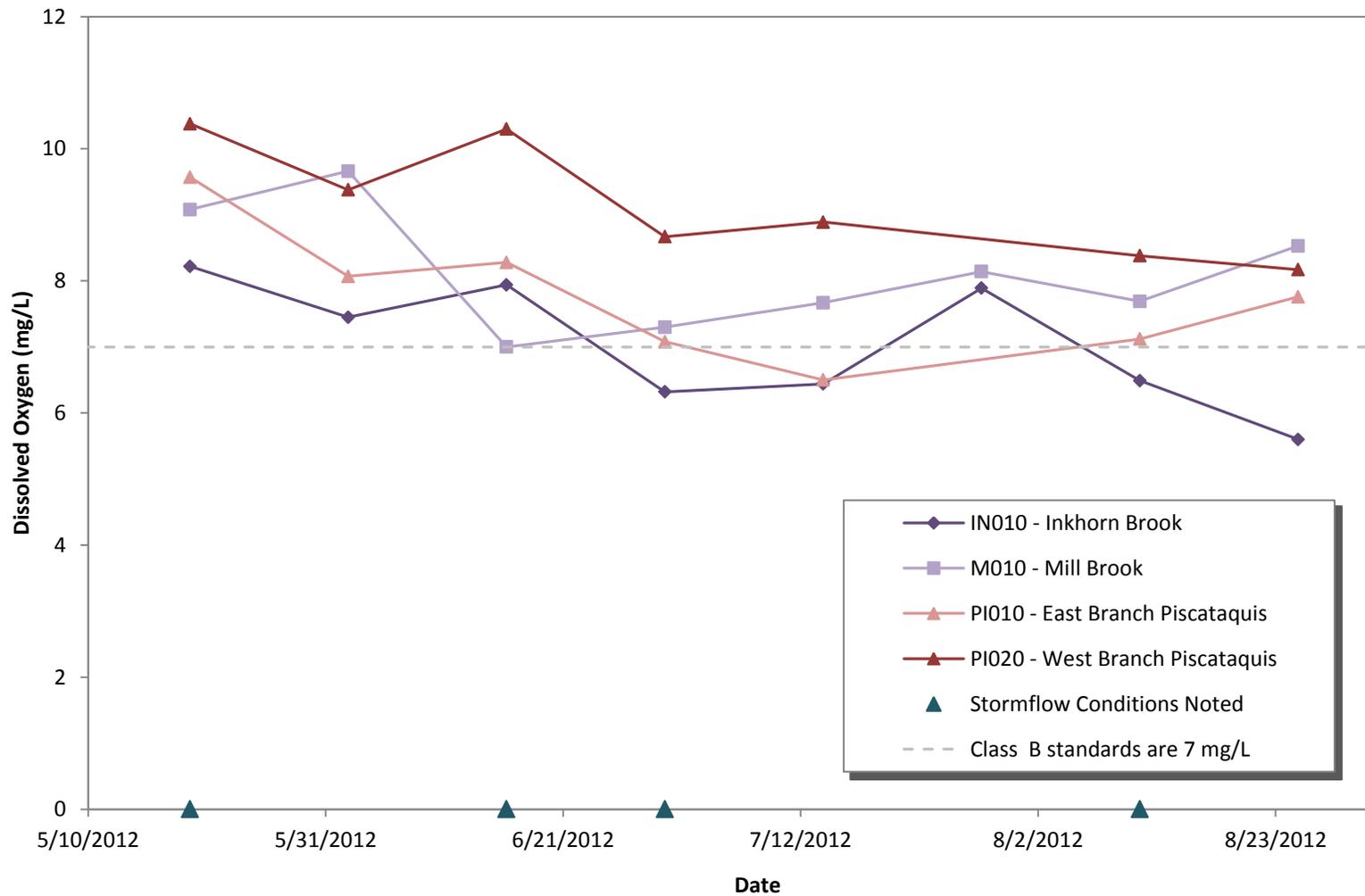


Figure 5-8-9. Dissolved oxygen concentrations of Presumpscot River Watch approved monitoring sites on the Westbrook/Flamouth area tributaries for 2012

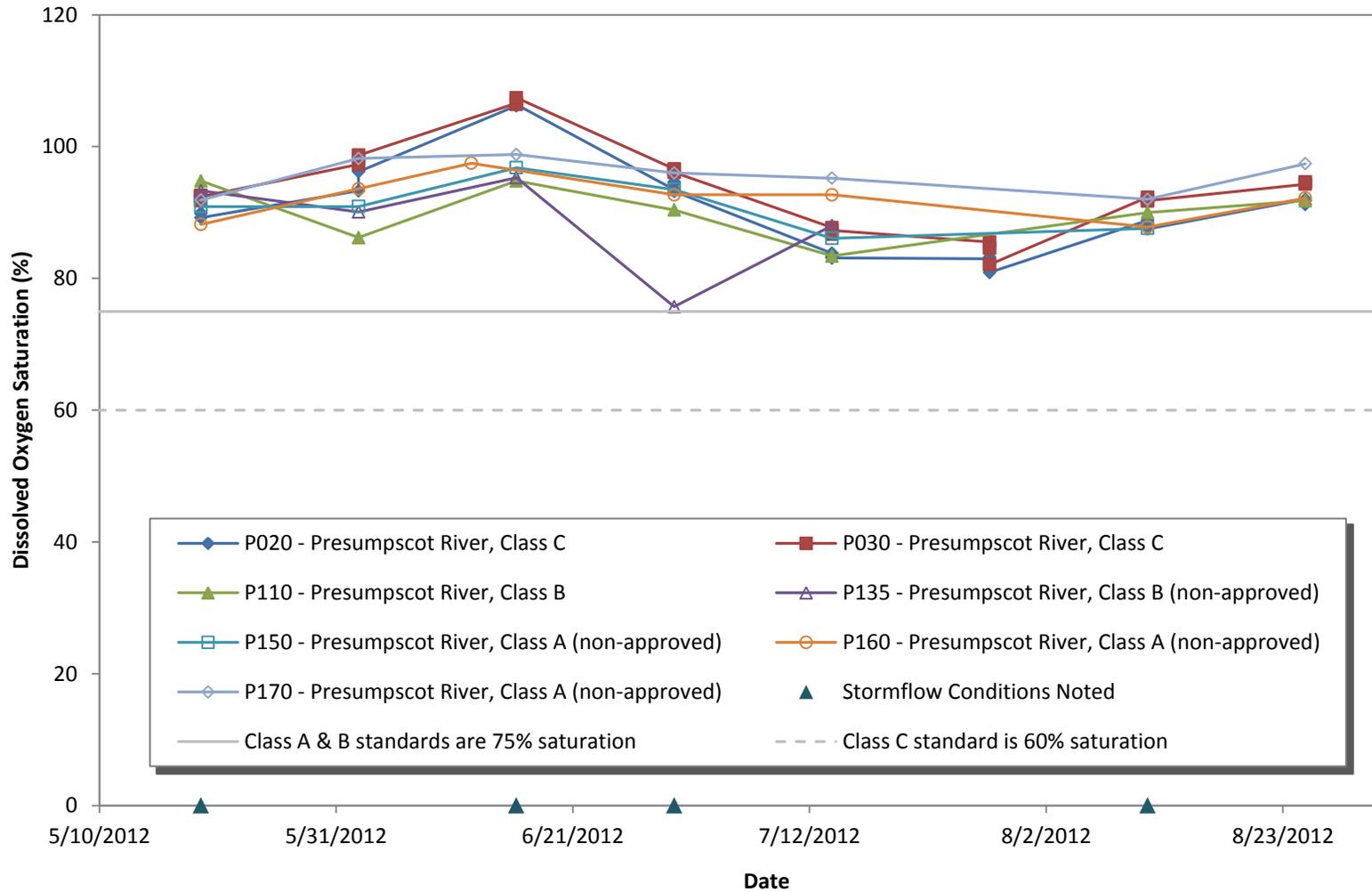


Figure 5-8-10. Dissolved oxygen % saturation of Presumpscot River Watch monitoring sites on the mainstem of the Presumpscot River for 2012

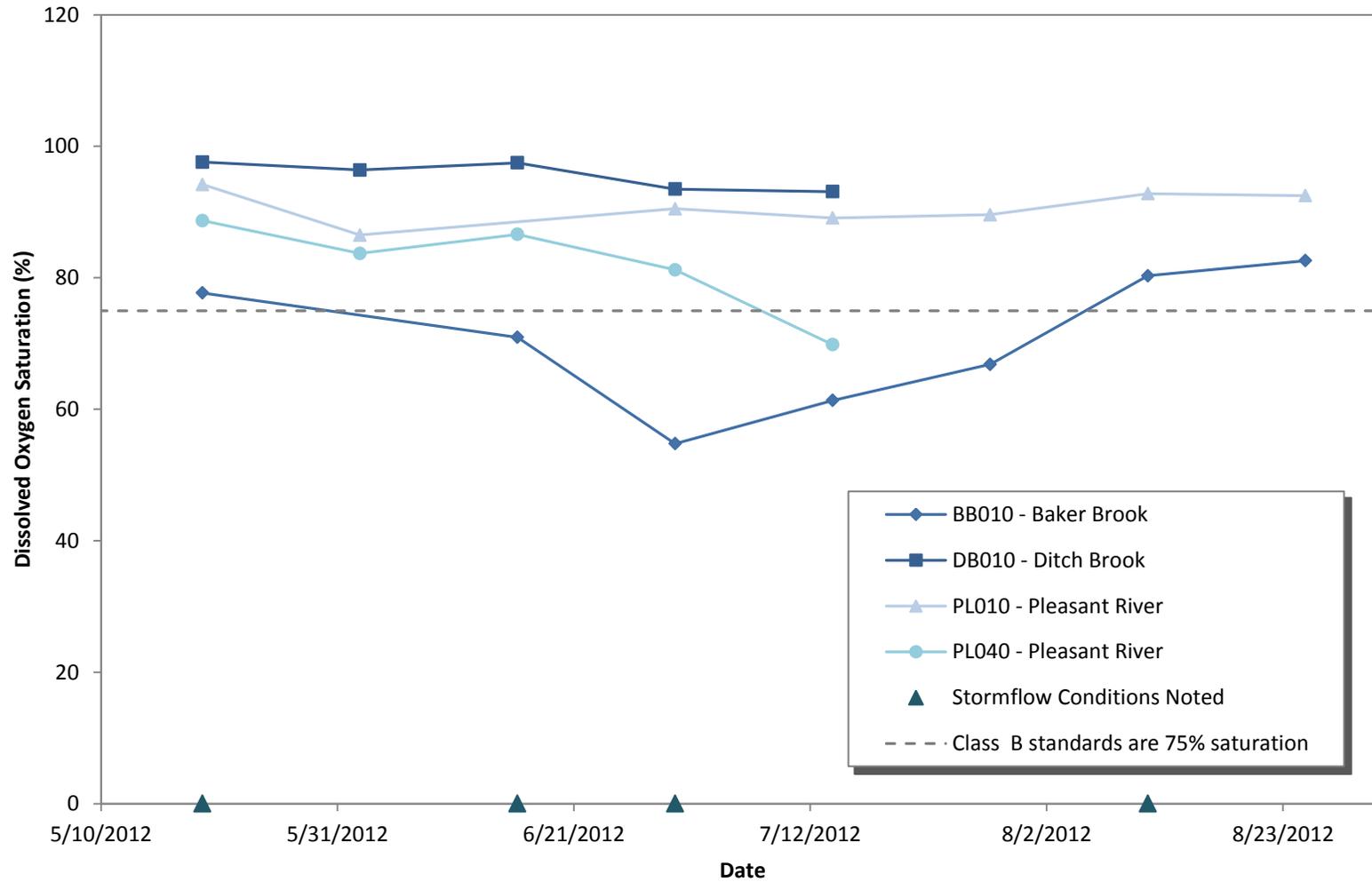


Figure 5-8-11. Dissolved oxygen % saturation of Presumpscot River Watch approved monitoring sites on the Pleasant River and tributaries for 2012

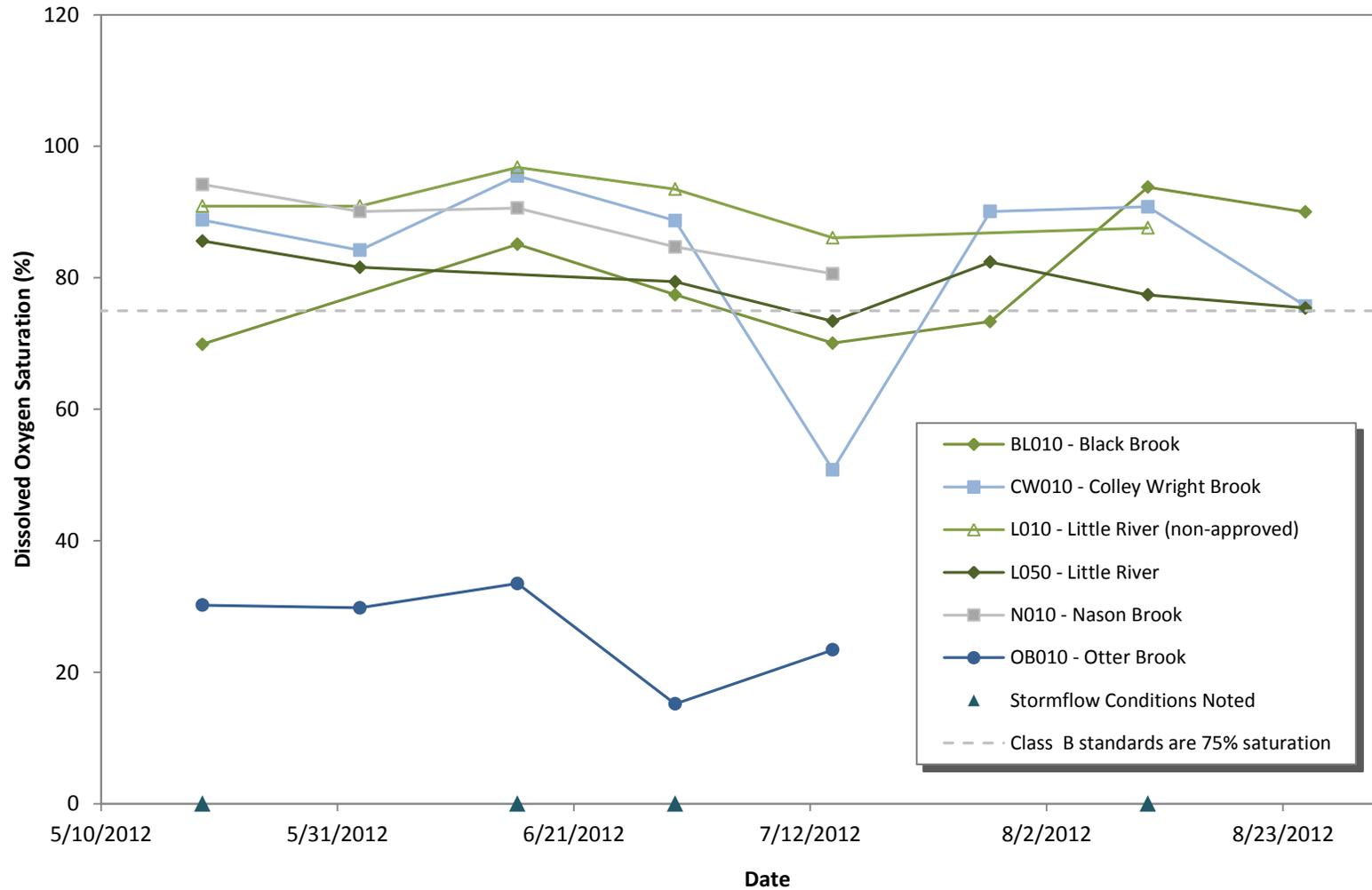


Figure 5-8-12. Dissolved oxygen % saturation of Presumpscot River Watch monitoring sites on the Windham/Gorham area tributaries for 2012

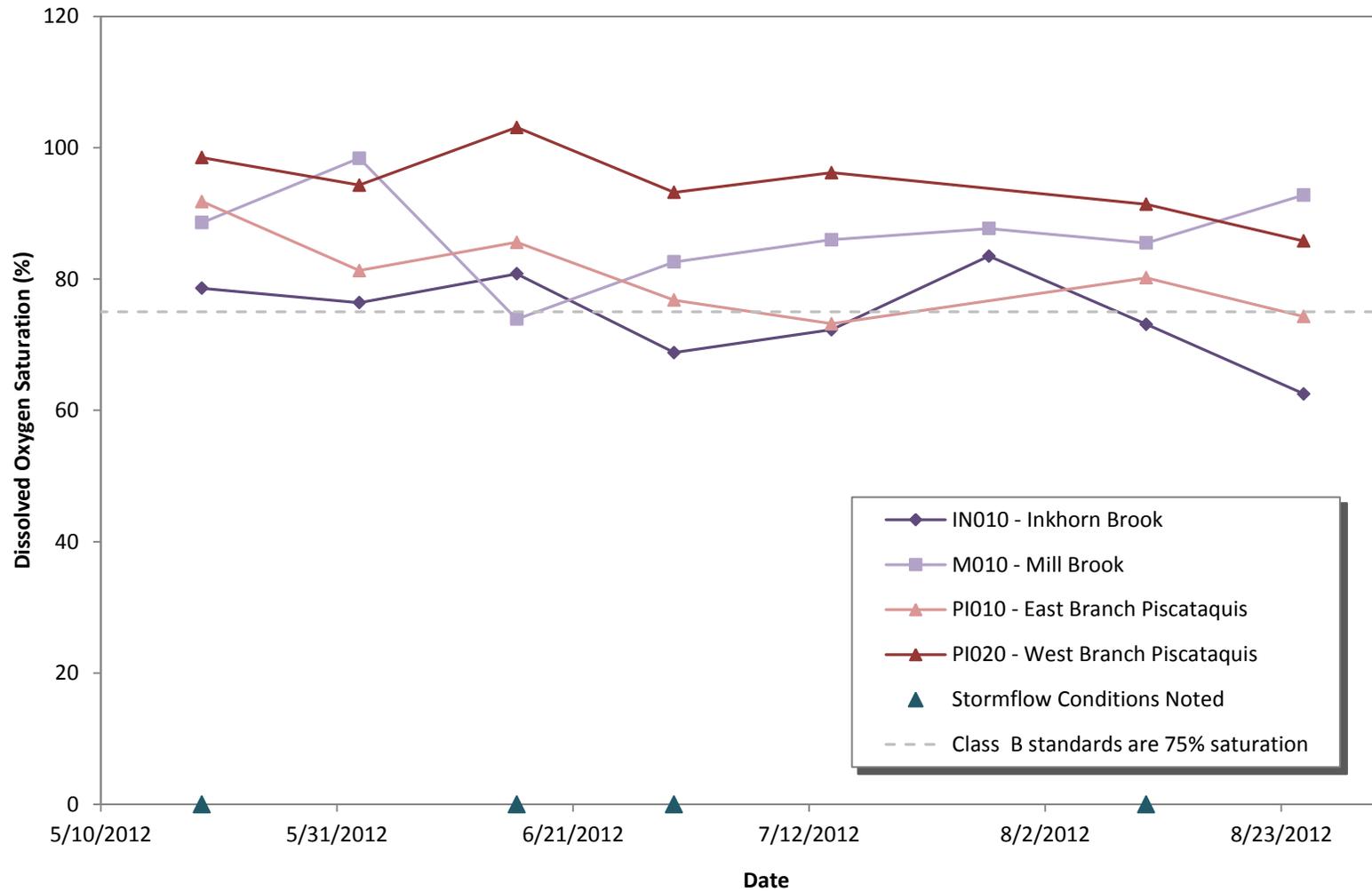


Figure 5-8-13. Dissolved oxygen % saturation of Presumpscot River Watch approved monitoring sites on the Westbrook/Flamouth area tributaries for 2012

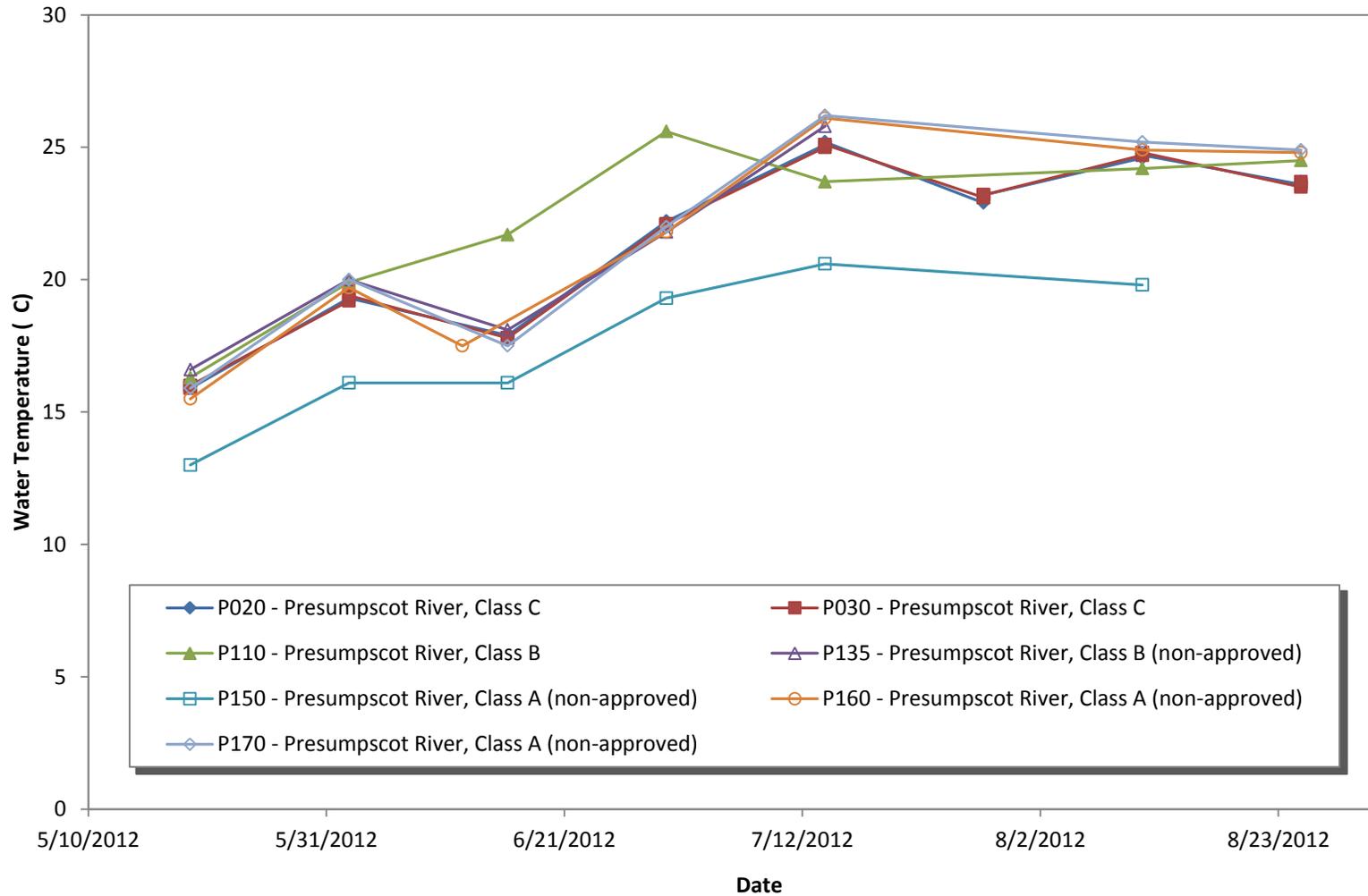


Figure 5-8-14. Water temperatures of Presumpscot River Watch monitoring sites on the mainstem of the Presumpscot River for 2012

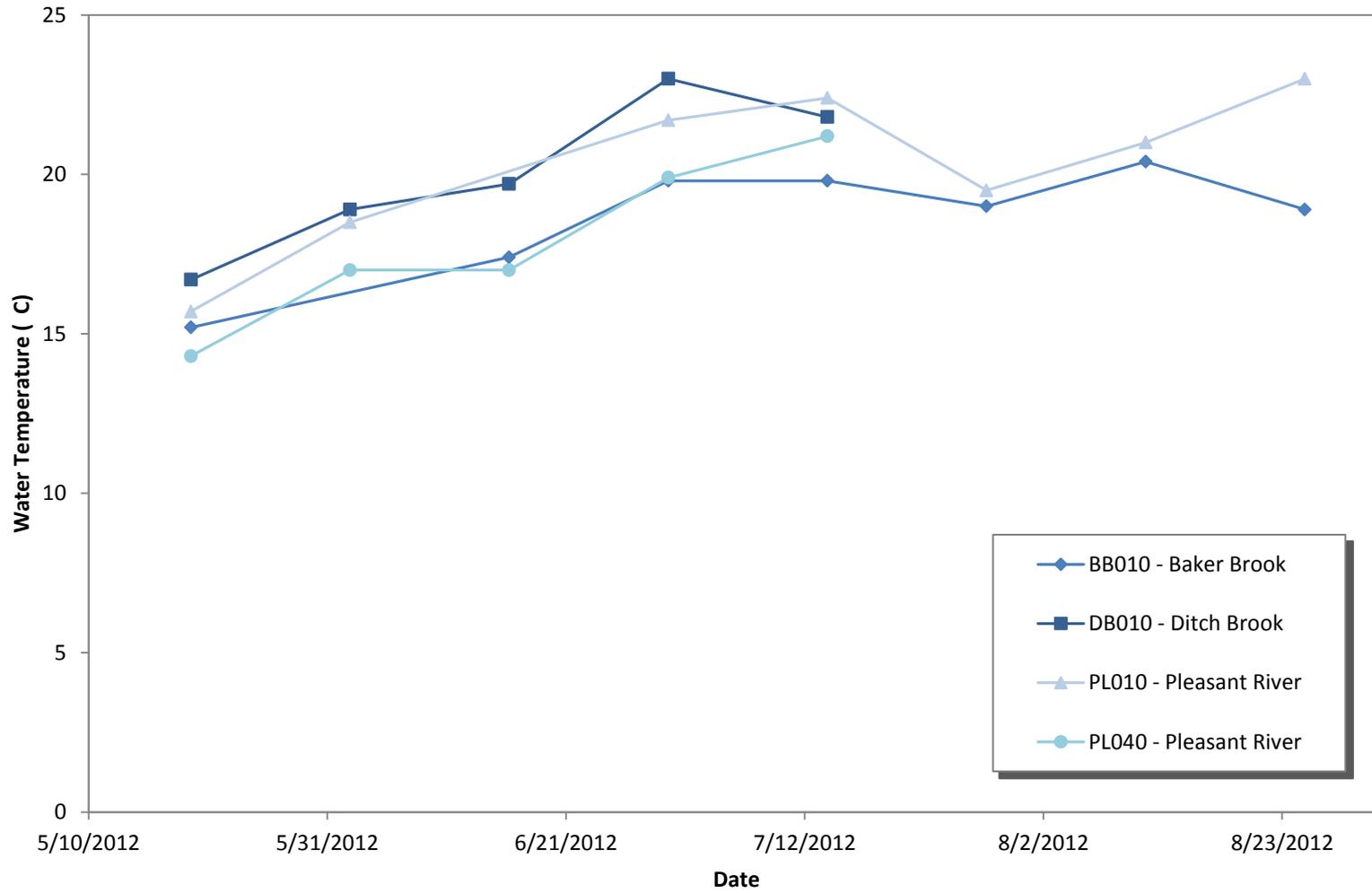


Figure 5-8-15. Water temperatures of Presumpscot River Watch approved monitoring sites on the Pleasant River and tributaries for 2012

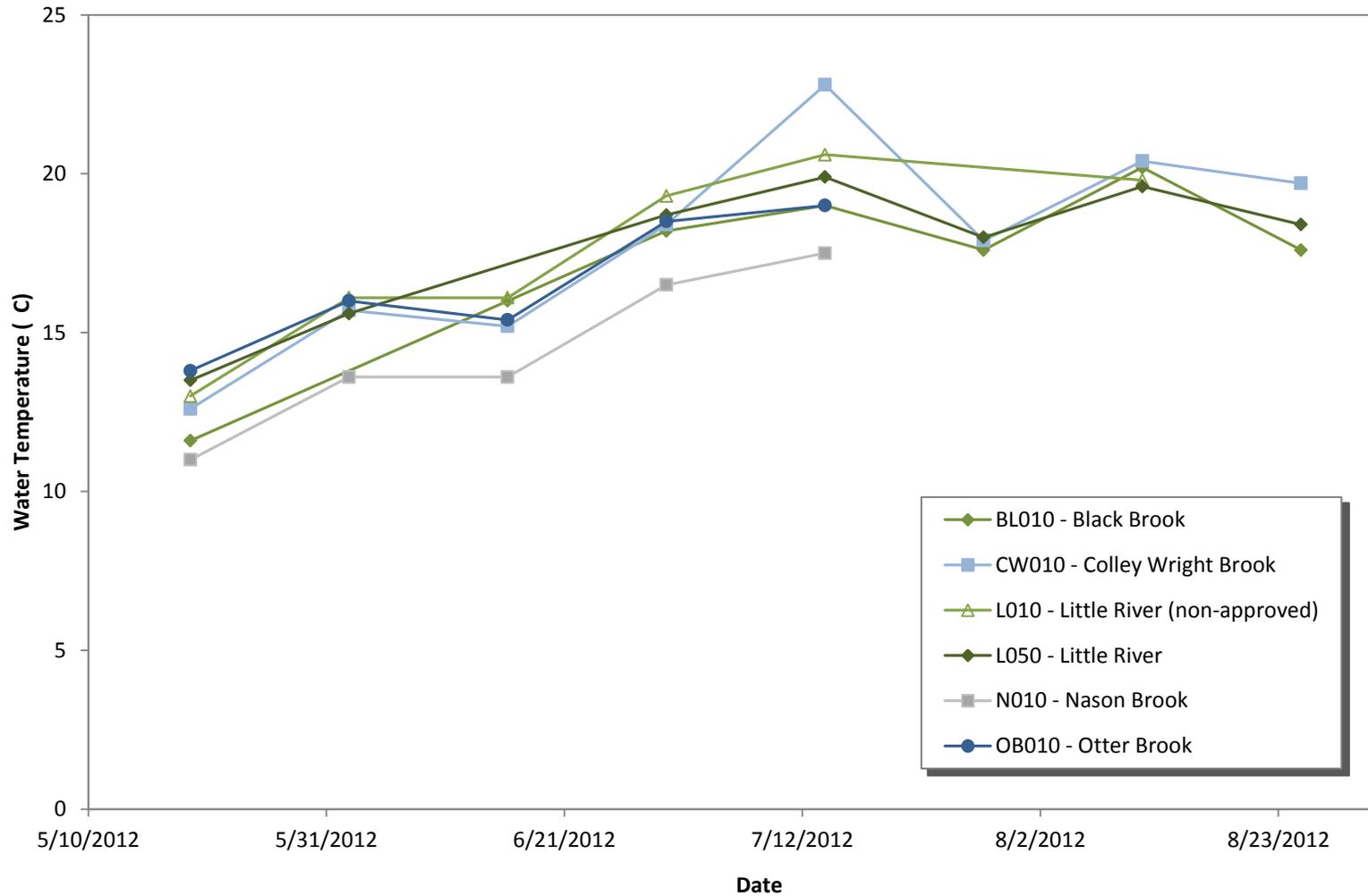


Figure 5-8-16. Water temperatures of Presumpscot River Watch monitoring sites on the Windham/Gorham area tributaries for 2012

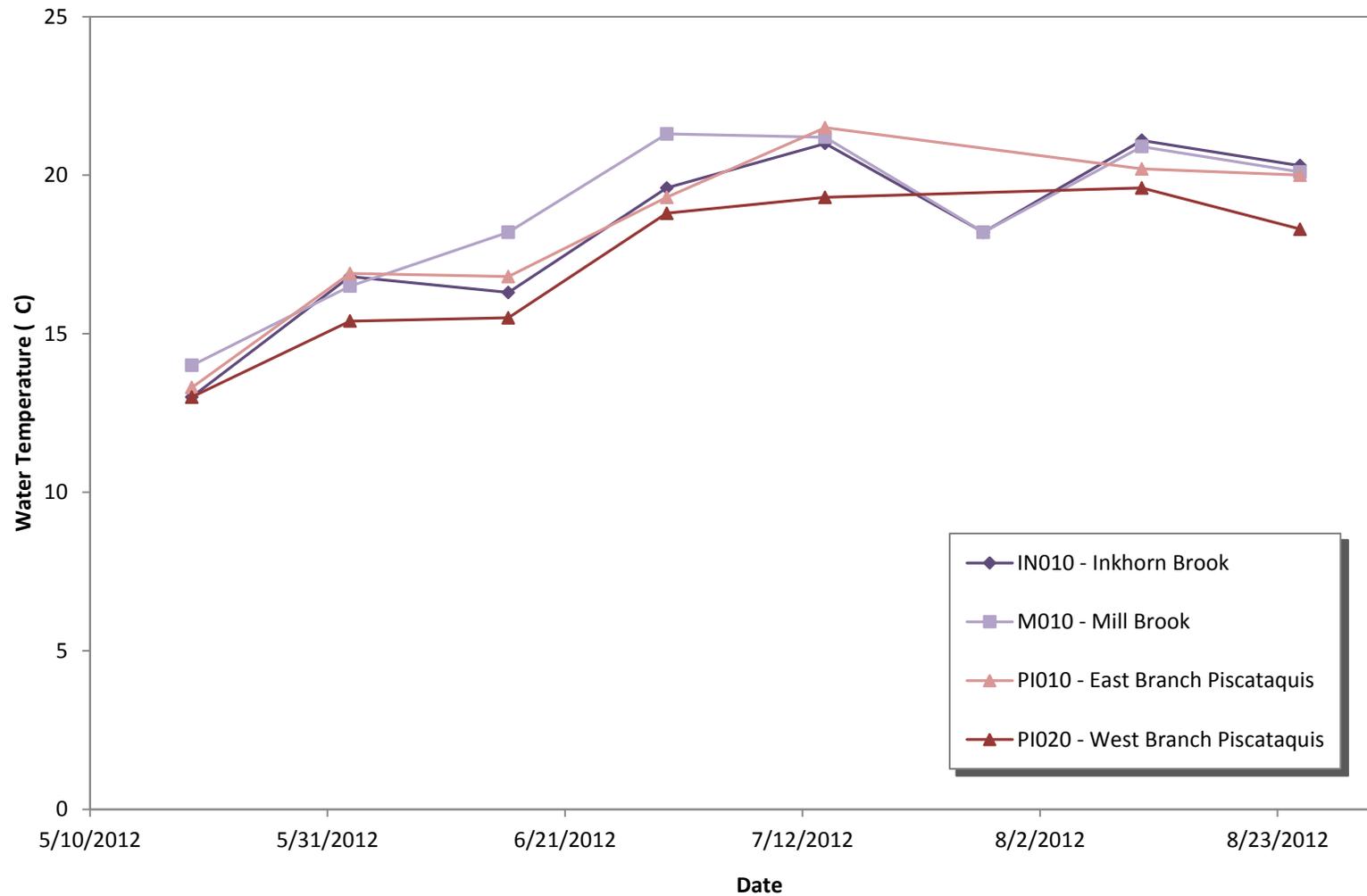
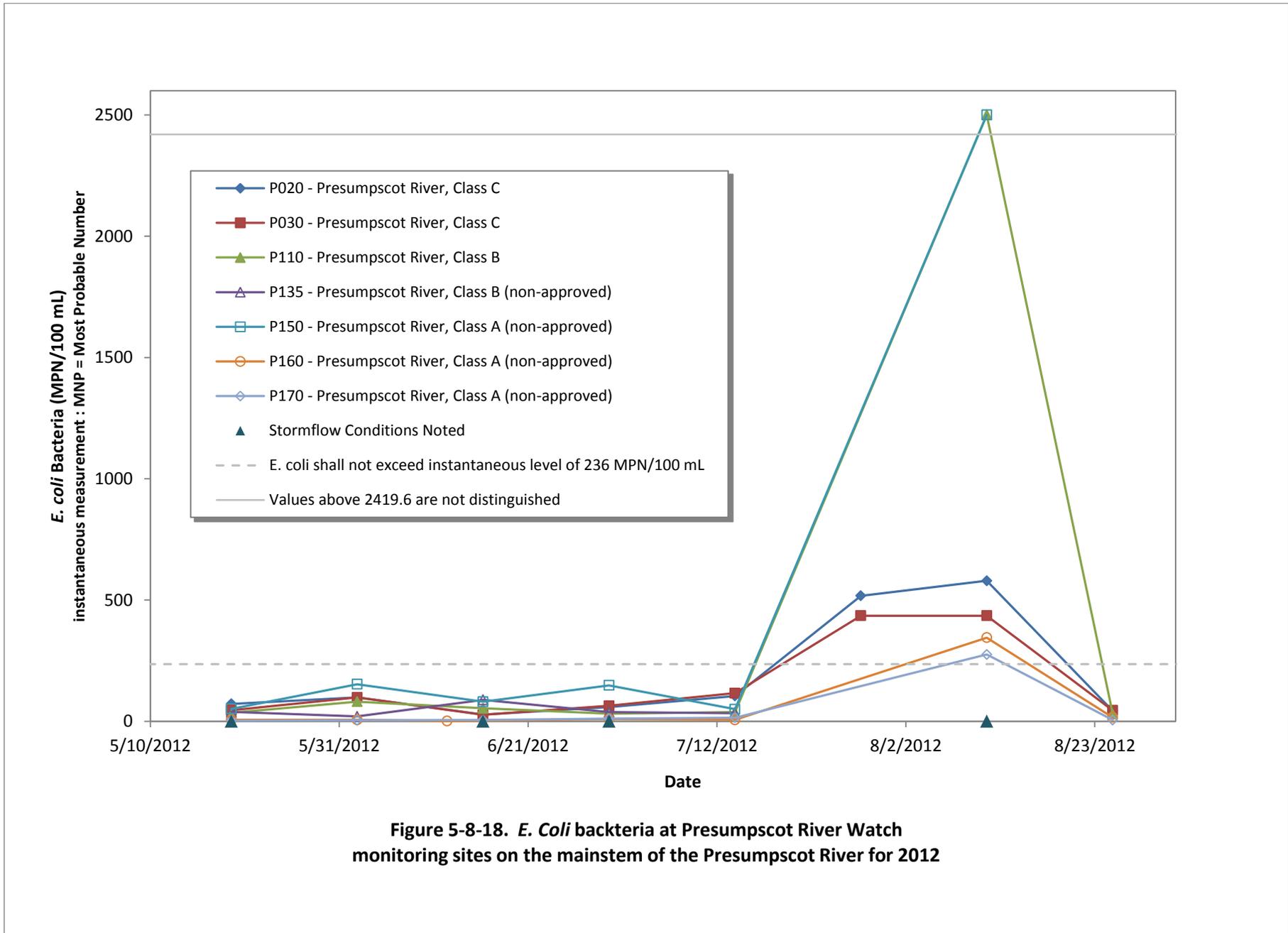
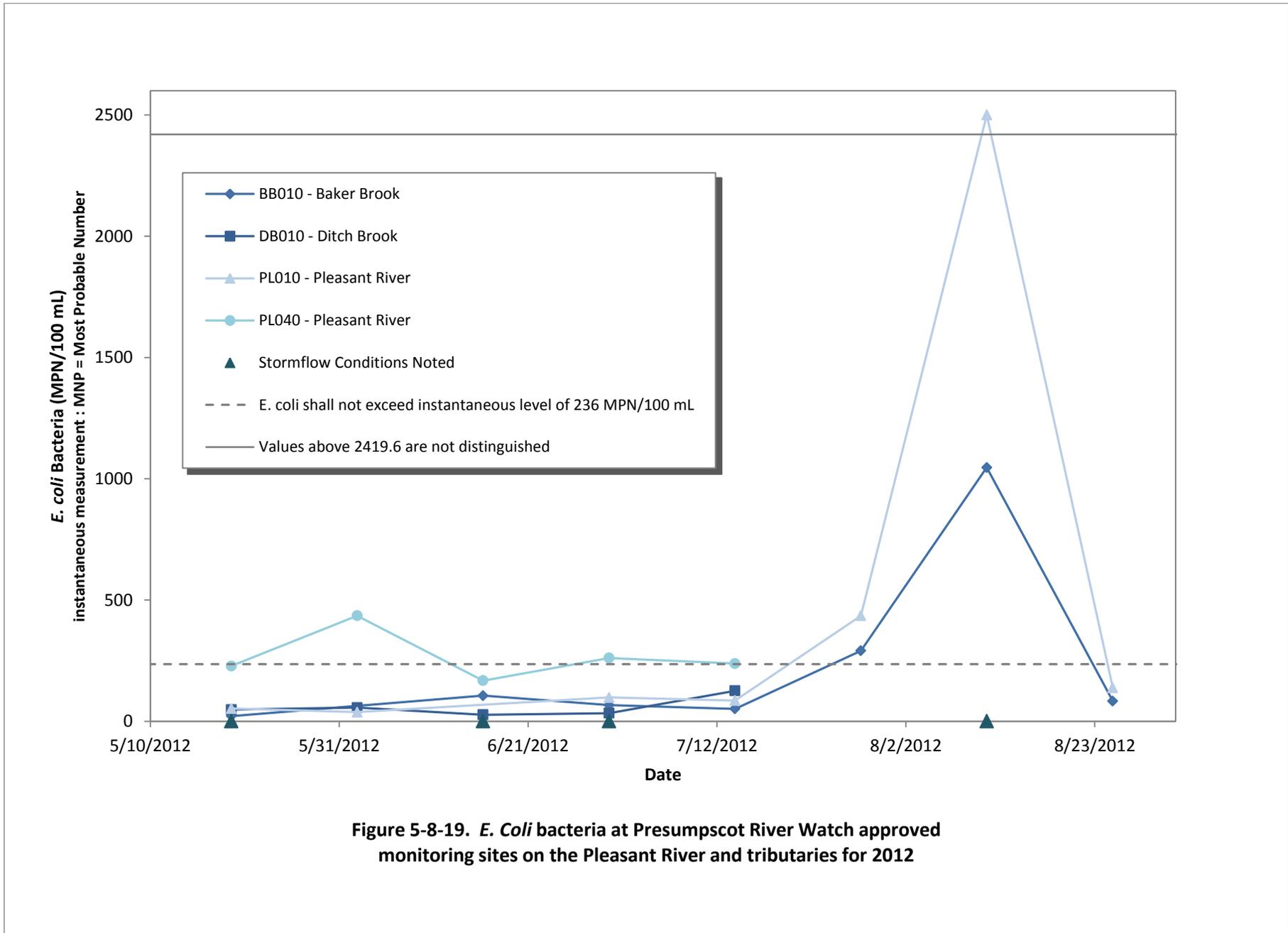
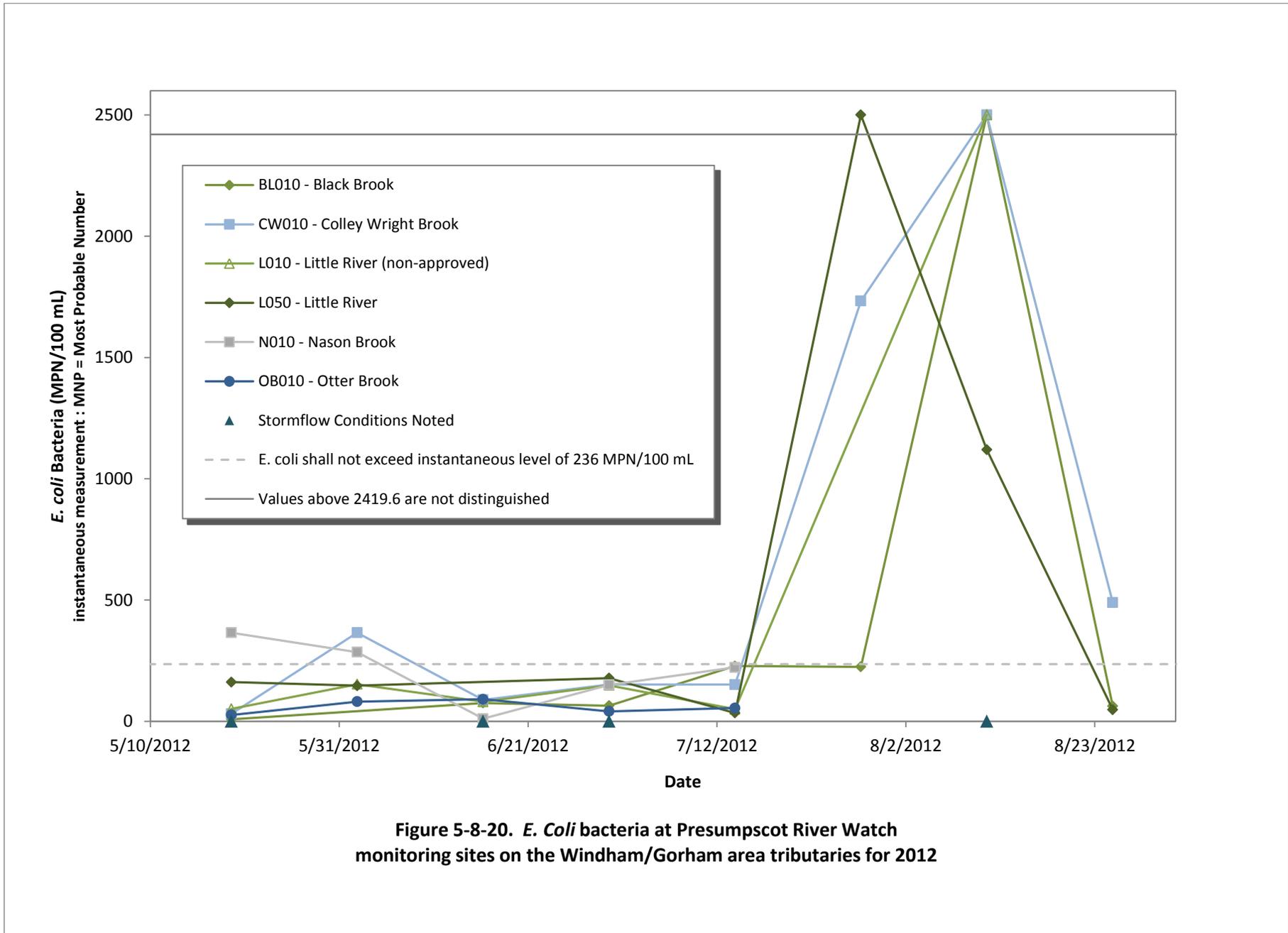
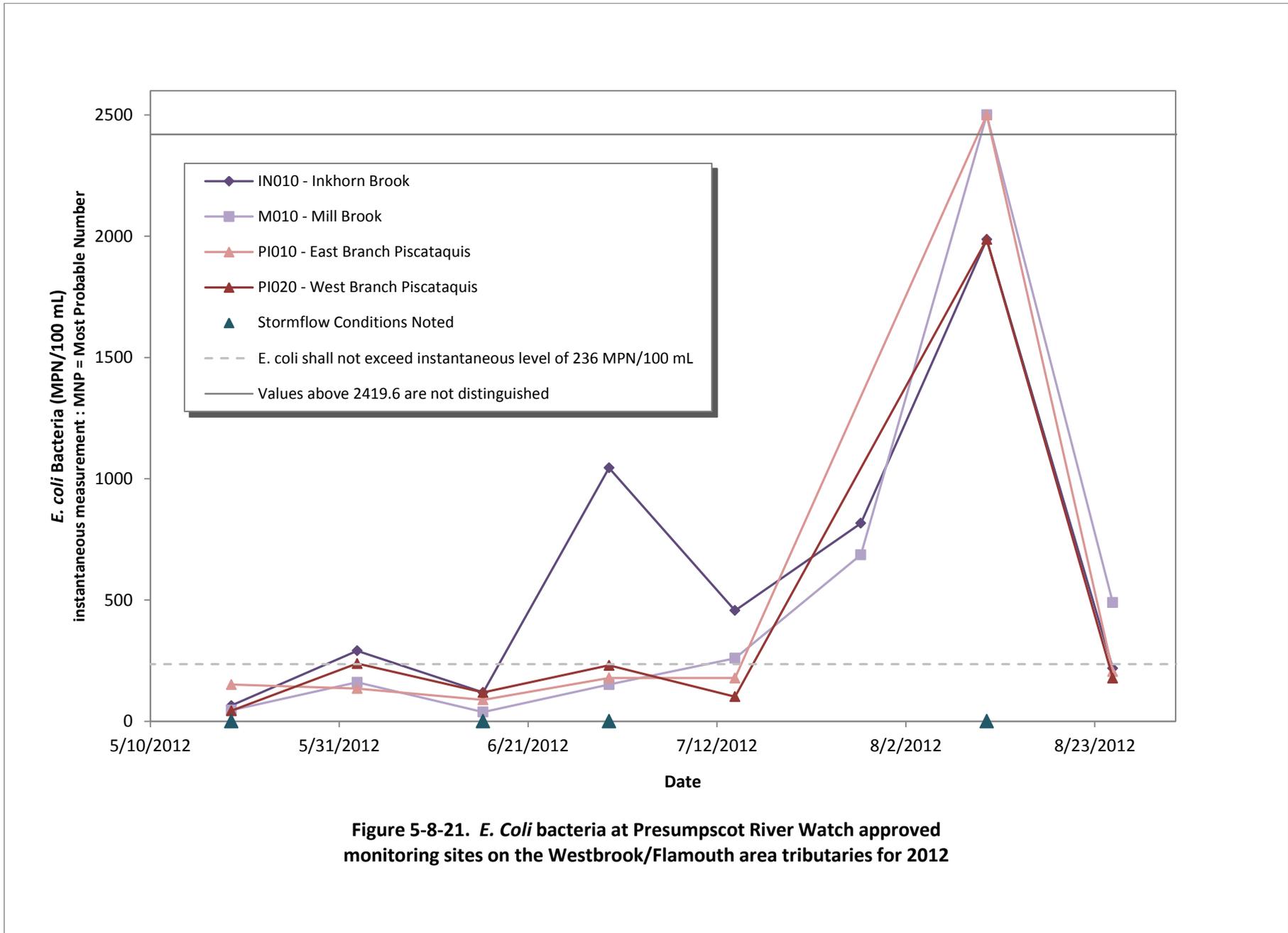


Figure 5-8-17. Water temperatures of Presumpscot River Watch approved monitoring sites on the Westbrook/Flamouth area tributaries for 2012









Appendix A-1. 2012 water quality data for "Approved" and "Non-Approved" sites. Non-Approved sites do not yet meet official VRMP sample location criteria and/or require further inspection and review.

* Sampling depths are only reported for Tier 1 VRMP sites.

** "N" = normal environmental sample ; "D" = field duplicate; "D.O." = dissolved oxygen; "Spec. Cond" = specific conductance; "Turb" = turbidity; "TSS" = total suspended solids"

Refer to Appendix A-2 for observational data and quality assurance/quality control (QA/QC) notes.

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Stream Depth (ft)	* Sample Depth	Depth Unit	Water Temp (DEG C)	D.O. Sat. (%)	** D.O. (MG/L)	** Spec. Cond. (US/CM)	Salinity (PPTH)	Turbidity (NTU)	** TSS (MG/L)	E Coli Bacteria (MPN/100ML)	Enterococci (MPN/100ML)
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Presumpscot River, Presumpscot River Watch - Approved Sites:

BB010	BAKER BROOK - RPLBK17 - VRMP	5/19/2012	6:53 AM	N				15.2	77.69	7.8	23.9				21.3	
BB010	BAKER BROOK - RPLBK17 - VRMP	6/16/2012	7:00 AM	N				17.4	70.95	6.8	26.8				105.9	
BB010	BAKER BROOK - RPLBK17 - VRMP	6/30/2012	6:58 AM	N				19.8	54.77	5	31.4				66.9	
BB010	BAKER BROOK - RPLBK17 - VRMP	7/14/2012	7:01 AM	N				19.8	61.35	5.6	34.8				51.2	
BB010	BAKER BROOK - RPLBK17 - VRMP	7/28/2012	6:51 AM	N				19	66.84	6.2	40.1				290.9	
BB010	BAKER BROOK - RPLBK17 - VRMP	8/11/2012	7:00 AM	N				20.4	80.3		35.2				1046.2	
BB010	BAKER BROOK - RPLBK17 - VRMP	8/25/2012	7:00 AM	N				18.9	82.6	7.88	35.5				83.6	
BL010	BLACK BROOK- RBK05 -VRMP	5/19/2012	7:25 AM	N				11.6	69.9	7.6	168.2				8.6	
BL010	BLACK BROOK- RBK05 -VRMP	6/16/2012	7:30 AM	N				16	85.1	8.4	149				75.4	
BL010	BLACK BROOK- RBK05 -VRMP	6/30/2012	7:25 AM	N				18.2	77.43	7.3	162.8				64.4	
BL010	BLACK BROOK- RBK05 -VRMP	7/14/2012	7:34 AM	N				19	70.07	6.5	187.9				228.2	
BL010	BLACK BROOK- RBK05 -VRMP	7/14/2012	7:34 AM	D				18.9		6.8	190.1					
BL010	BLACK BROOK- RBK05 -VRMP	7/28/2012	7:19 AM	N				17.6	73.33	7	176.3				224.7	
BL010	BLACK BROOK- RBK05 -VRMP	8/11/2012	7:23 AM	N				20.2	93.8		116.4				>2419.6	
BL010	BLACK BROOK- RBK05 -VRMP	8/25/2012	7:05 AM	N				17.6	90	8.5					62.7	
BL010	BLACK BROOK- RBK05 -VRMP	8/25/2012	7:21 AM	N				17.2	90.6	8.64	217				52.9	
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	5/19/2012	6:40 AM	N				12.6	88.8	9.44					30.9	
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	6/2/2012	6:44 AM	N				15.7	84.2	8.38					365.4	
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	6/16/2012	7:26 AM	N				15.2	95.5	9.6					88.4	
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	6/30/2012	6:52 AM	N				18.4	88.7	8.27	173				151.5	
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	6/30/2012	6:52 AM	D				18.4	88.7	8.3	175				139.6	
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	7/14/2012	6:45 AM	N				22.8	50.8	4.36					151.5	
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	7/28/2012	7:14 AM	N				17.9	90.1	8.46					1732.8	
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	8/11/2012	7:00 AM	N				20.4	90.8	8.2					>2419.6	
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	8/25/2012	6:55 AM	N				19.7	75.7	6.9					488.4	
DB010	DITCH BROOK - RPL00 - VRMP	5/19/2012	6:38 AM	N				16.7	97.6		79.6				48	
DB010	DITCH BROOK - RPL00 - VRMP	6/2/2012	6:21 AM	N				18.9	96.4						56.3	
DB010	DITCH BROOK - RPL00 - VRMP	6/16/2012	6:17 AM	N				19.7	97.5	8.9					26.9	
DB010	DITCH BROOK - RPL00 - VRMP	6/30/2012	6:16 AM	N				23	93.5	8					33.6	
DB010	DITCH BROOK - RPL00 - VRMP	7/14/2012	6:20 AM	N				21.8	93.1	8.1					125.9	
DB010	DITCH BROOK - RPL00 - VRMP	7/14/2012	6:20 AM	D											77.1	
IN010	INKHORN BROOK - RIK05 - VRMP	5/19/2012	6:25 AM	N				13	78.6	8.22					65	

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Stream Depth (ft)	* Sample Depth	Depth Unit	Water Temp (DEG C)	** D.O. Sat. (%)	** D.O. (MG/L)	** Spec. Cond. (US/CM)	Salinity (PPTH)	Turbidity (NTU)	** TSS (MG/L)	E Coli Bacteria (MPN/100ML)	Enterococci (MPN/100ML)
IN010	INKHORN BROOK - RIK05 - VRMP	6/2/2012	6:27 AM	N				16.8	76.4	7.45					290.9	
IN010	INKHORN BROOK - RIK05 - VRMP	6/16/2012	7:07 AM	N				16.3	80.8	7.94					118.7	
IN010	INKHORN BROOK - RIK05 - VRMP	6/30/2012	6:35 AM	N				19.6	68.8	6.32	150				1045.2	
IN010	INKHORN BROOK - RIK05 - VRMP	7/14/2012	6:59 AM	N				21	72.3	6.44					456.9	
IN010	INKHORN BROOK - RIK05 - VRMP	7/28/2012	7:00 AM	N				18.2	83.5	7.89					816.4	
IN010	INKHORN BROOK - RIK05 - VRMP	8/11/2012	6:52 AM	N				21.1	73.1	6.49					1986.3	
IN010	INKHORN BROOK - RIK05 - VRMP	8/25/2012	6:40 AM	N				20.3	62.5	5.6					218.7	
L050	LITTLE RIVER-L050-VRMP	5/19/2012	7:15 AM	N				13.5	85.6	8.93					161.6	
L050	LITTLE RIVER-L050-VRMP	6/2/2012	6:55 AM	N				15.6	81.6	8.11					146.7	
L050	LITTLE RIVER-L050-VRMP	6/30/2012	6:56 AM	N				18.7	79.4	7.39					178.2	
L050	LITTLE RIVER-L050-VRMP	7/14/2012	7:08 AM	N				19.9	73.4	6.68					34.5	
L050	LITTLE RIVER-L050-VRMP	7/28/2012	7:00 AM	N				18	82.4	7.81					>2419.6	
L050	LITTLE RIVER-L050-VRMP	8/11/2012	7:00 AM	N				19.6	77.4	7.26					1119.8	
L050	LITTLE RIVER-L050-VRMP	8/25/2012	7:10 AM	N				18.4	75.4	7.03					48	
M010	MILL BROOK - RML01 - VRMP	5/19/2012	7:25 AM	N				14	88.6	9.08					45.7	
M010	MILL BROOK - RML01 - VRMP	6/2/2012	7:35 AM	N				16.5	98.4	9.66					160.7	
M010	MILL BROOK - RML01 - VRMP	6/16/2012	7:20 AM	N				18.2	73.9	7					38.2	
M010	MILL BROOK - RML01 - VRMP	6/30/2012	7:05 AM	N				21.3	82.6	7.3					151.5	
M010	MILL BROOK - RML01 - VRMP	7/14/2012	7:20 AM	N				21.2	86	7.67	128.8				260.2	
M010	MILL BROOK - RML01 - VRMP	7/28/2012	6:55 AM	N				18.2	87.7	8.14					686.7	
M010	MILL BROOK - RML01 - VRMP	8/11/2012	8:40 AM	N				20.9	85.5	7.69	136.5				>2419.6	
M010	MILL BROOK - RML01 - VRMP	8/25/2012	6:50 AM	N				20.1	92.8	8.53					488.4	
N010	NASON BROOK - RNS11 - VRMP	5/19/2012	7:09 AM	N				11	94.2		13.5				365.4	
N010	NASON BROOK - RNS11 - VRMP	6/2/2012	6:50 AM	N				13.6	90.1						285.1	
N010	NASON BROOK - RNS11 - VRMP	6/16/2012	6:32 AM	N				13.6	90.6	9.3					11	
N010	NASON BROOK - RNS11 - VRMP	6/30/2012	6:39 AM	N				16.5	84.7	8.2					150	
N010	NASON BROOK - RNS11 - VRMP	7/14/2012	6:41 AM	N				17.5	80.6	7.7					222.4	
OB010	OTTER BROOK - ROT06 - VRMP	5/19/2012	5:57 AM	N				13.8	30.2		151.7				26.2	
OB010	OTTER BROOK - ROT06 - VRMP	6/2/2012	5:47 AM	N				16	29.8						81.3	
OB010	OTTER BROOK - ROT06 - VRMP	6/16/2012	8:04 AM	N				15.4	33.5	3.3					90.9	
OB010	OTTER BROOK - ROT06 - VRMP	6/30/2012	5:41 AM	N				18.5	15.2	1.6					41.1	
OB010	OTTER BROOK - ROT06 - VRMP	7/14/2012	5:47 AM	N				19	23.4	2					54.6	
P020	PRESUMPCOT RIVER - R24 - VRMP	5/19/2012	6:45 AM	N	2.5										71.7	
P020	PRESUMPCOT RIVER - R24 - VRMP	5/19/2012	6:45 AM	N		.0 M		15.9	89.9	8.86						
P020	PRESUMPCOT RIVER - R24 - VRMP	5/19/2012	6:45 AM	N		1.0 M		15.9	89.9	8.91						
P020	PRESUMPCOT RIVER - R24 - VRMP	5/19/2012	6:45 AM	N		2.0 M		15.9	89.2	8.93						
P020	PRESUMPCOT RIVER - R24 - VRMP	6/2/2012	6:55 AM	N	2.5										98.5	
P020	PRESUMPCOT RIVER - R24 - VRMP	6/2/2012	6:55 AM	N		.0 M		19.3	93.3	8.57						
P020	PRESUMPCOT RIVER - R24 - VRMP	6/2/2012	6:55 AM	N		1.0 M		19.3	96.4	8.87						
P020	PRESUMPCOT RIVER - R24 - VRMP	6/2/2012	6:55 AM	N		2.0 M		19.3	96.2	8.75						
P020	PRESUMPCOT RIVER - R24 - VRMP	6/16/2012	6:45 AM	N							76				27.5	

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Stream Depth (ft)	* Sample Depth	Depth Unit	Water Temp (DEG C)	** D.O. Sat. (%)	** D.O. (MG/L)	** Spec. Cond. (US/CM)	Salinity (PPTH)	Turbidity (NTU)	** TSS (MG/L)	E Coli Bacteria (MPN/100ML)	Enterococci (MPN/100ML)
P020	PRESUMPCOT RIVER - R24 - VRMP	6/16/2012	6:45 AM	N		.0	M	17.9	106.2	10.1						
P020	PRESUMPCOT RIVER - R24 - VRMP	6/16/2012	6:45 AM	N		1.0	M	17.9	106.4	10.1						
P020	PRESUMPCOT RIVER - R24 - VRMP	6/30/2012	6:25 AM	N	3										58.3	
P020	PRESUMPCOT RIVER - R24 - VRMP	6/30/2012	6:25 AM	N		.0	M	22.2	93.5	8.14						
P020	PRESUMPCOT RIVER - R24 - VRMP	6/30/2012	6:25 AM	N		1.0	M	22.2	94.4	8.24						
P020	PRESUMPCOT RIVER - R24 - VRMP	6/30/2012	6:25 AM	N		2.0	M	22.2	94.6	8.19						
P020	PRESUMPCOT RIVER - R24 - VRMP	6/30/2012	6:25 AM	N		3.0	M	22.2	93.2	7.76						
P020	PRESUMPCOT RIVER - R24 - VRMP	7/14/2012	6:40 AM	N							98.7				104.6	
P020	PRESUMPCOT RIVER - R24 - VRMP	7/14/2012	6:40 AM	N		.0	M	25.1	83.8	6.89						
P020	PRESUMPCOT RIVER - R24 - VRMP	7/14/2012	6:40 AM	N		1.0	M	25.2	83.3	6.86						
P020	PRESUMPCOT RIVER - R24 - VRMP	7/14/2012	6:40 AM	N		2.0	M	25.2	83.1	6.82						
P020	PRESUMPCOT RIVER - R24 - VRMP	7/28/2012	6:20 AM	N	2.5										517.2	
P020	PRESUMPCOT RIVER - R24 - VRMP	7/28/2012	6:20 AM	N		.0	M	22.9	83	7.11						
P020	PRESUMPCOT RIVER - R24 - VRMP	7/28/2012	6:20 AM	N		1.0	M	23.1	83.2	7.11						
P020	PRESUMPCOT RIVER - R24 - VRMP	7/28/2012	6:20 AM	N		2.0	M	23.2	80.9	7.05						
P020	PRESUMPCOT RIVER - R24 - VRMP	8/11/2012	8:00 AM	N	2						111.7				579.4	
P020	PRESUMPCOT RIVER - R24 - VRMP	8/11/2012	8:00 AM	N		.0	M	24.6	88.8	7.35						
P020	PRESUMPCOT RIVER - R24 - VRMP	8/11/2012	8:00 AM	N		1.0	M	24.6	88.2	7.33						
P020	PRESUMPCOT RIVER - R24 - VRMP	8/11/2012	8:00 AM	N		2.0	M	24.7	87.5	7.3						
P020	PRESUMPCOT RIVER - R24 - VRMP	8/25/2012	6:10 AM	N	2.5										42.8	
P020	PRESUMPCOT RIVER - R24 - VRMP	8/25/2012	6:10 AM	N		.0	M	23.6	92	7.7						
P020	PRESUMPCOT RIVER - R24 - VRMP	8/25/2012	6:10 AM	N		1.0	M	23.7	91.2	7.66						
P020	PRESUMPCOT RIVER - R24 - VRMP	8/25/2012	6:10 AM	N		2.0	M	23.7	91.8	7.88						
P030	PRESUMPCOT RIVER - R47 - VRMP	5/19/2012	7:15 AM	N	3.5										45.7	
P030	PRESUMPCOT RIVER - R47 - VRMP	5/19/2012	7:15 AM	N		.0	M	15.9	92.6	9.12						
P030	PRESUMPCOT RIVER - R47 - VRMP	5/19/2012	7:15 AM	N		1.0	M	15.9	91.8	9.06						
P030	PRESUMPCOT RIVER - R47 - VRMP	5/19/2012	7:15 AM	N		2.0	M	16	92.5	9						
P030	PRESUMPCOT RIVER - R47 - VRMP	5/19/2012	7:15 AM	N		3.0	M	16	92.4	9.02						
P030	PRESUMPCOT RIVER - R47 - VRMP	6/2/2012	7:20 AM	N	2.5										98.5	
P030	PRESUMPCOT RIVER - R47 - VRMP	6/2/2012	7:20 AM	N		.0	M	19.2	97.3	9.08						
P030	PRESUMPCOT RIVER - R47 - VRMP	6/2/2012	7:20 AM	N		1.0	M	19.4	98.1	9.04						
P030	PRESUMPCOT RIVER - R47 - VRMP	6/2/2012	7:20 AM	N		2.0	M	19.4	98.7	9.17						
P030	PRESUMPCOT RIVER - R47 - VRMP	6/16/2012	7:05 AM	N							74.5				26.5	
P030	PRESUMPCOT RIVER - R47 - VRMP	6/16/2012	7:05 AM	N		.0	M	17.8	106.6	10.2						
P030	PRESUMPCOT RIVER - R47 - VRMP	6/16/2012	7:05 AM	N		1.0	M	17.8	106.4	10.1						
P030	PRESUMPCOT RIVER - R47 - VRMP	6/16/2012	7:05 AM	N		2.0	M	17.8	107.4	10.1						
P030	PRESUMPCOT RIVER - R47 - VRMP	6/30/2012	6:45 AM	N	3.5										63.8	
P030	PRESUMPCOT RIVER - R47 - VRMP	6/30/2012	6:45 AM	N		.0	M	22.1	96.6	8.41						
P030	PRESUMPCOT RIVER - R47 - VRMP	6/30/2012	6:45 AM	N		1.0	M	22.1	96.5	8.43						
P030	PRESUMPCOT RIVER - R47 - VRMP	6/30/2012	6:45 AM	N		2.0	M	22.1	96.5	8.35						
P030	PRESUMPCOT RIVER - R47 - VRMP	6/30/2012	6:45 AM	N		3.0	M	22.1	96.1	8.44						

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Stream Depth (ft)	* Sample Depth	Depth Unit	Water Temp (DEG C)	** D.O. Sat. (%)	** D.O. (MG/L)	** Spec. Cond. (US/CM)	Salinity (PPTH)	Turbidity (NTU)	** TSS (MG/L)	E Coli Bacteria (MPN/100ML)	Enterococci (MPN/100ML)
P030	PRESUMPCOT RIVER - R47 - VRMP	7/14/2012	7:00 AM	N							93.8				116.2	
P030	PRESUMPCOT RIVER - R47 - VRMP	7/14/2012	7:00 AM	N		.0	M	25	87.7	7.2						
P030	PRESUMPCOT RIVER - R47 - VRMP	7/14/2012	7:00 AM	N		1.0	M	25.1	86.7	7.25						
P030	PRESUMPCOT RIVER - R47 - VRMP	7/14/2012	7:00 AM	N		2.0	M	25.1	87.3	7.21						
P030	PRESUMPCOT RIVER - R47 - VRMP	7/28/2012	6:40 AM	N	2										435.2	
P030	PRESUMPCOT RIVER - R47 - VRMP	7/28/2012	6:40 AM	N		.0	M	23.1	85.5	7.2						
P030	PRESUMPCOT RIVER - R47 - VRMP	7/28/2012	6:40 AM	N		1.0	M	23.2	84.6	7.26						
P030	PRESUMPCOT RIVER - R47 - VRMP	7/28/2012	6:40 AM	N		2.0	M	23.2	82.1	7.3						
P030	PRESUMPCOT RIVER - R47 - VRMP	8/11/2012	8:20 AM	N	2						106.2				435.2	
P030	PRESUMPCOT RIVER - R47 - VRMP	8/11/2012	8:20 AM	N		.0	M	24.7	92.3	7.65						
P030	PRESUMPCOT RIVER - R47 - VRMP	8/11/2012	8:20 AM	N		1.0	M	24.8	91.8	7.63						
P030	PRESUMPCOT RIVER - R47 - VRMP	8/11/2012	8:20 AM	N		2.0	M	24.8	91.8	7.67						
P030	PRESUMPCOT RIVER - R47 - VRMP	8/25/2012	6:35 AM	N	2.5										44.8	
P030	PRESUMPCOT RIVER - R47 - VRMP	8/25/2012	6:35 AM	N		.0	M	23.5	94.3	7.8						
P030	PRESUMPCOT RIVER - R47 - VRMP	8/25/2012	6:35 AM	N		1.0	M	23.6	94.6	8						
P030	PRESUMPCOT RIVER - R47 - VRMP	8/25/2012	6:35 AM	N		2.0	M	23.7	94.6	7.94						
P110	PRESUMPCOT RIVER - R133 - VRMP	5/19/2012	6:50 AM	N				16.3	94.8	9.32					35.4	
P110	PRESUMPCOT RIVER - R133 - VRMP	6/2/2012	6:34 AM	N				19.9	86.2	7.83					81.3	
P110	PRESUMPCOT RIVER - R133 - VRMP	6/30/2012	6:35 AM	N				21.7	94.8	8.31					53.8	
P110	PRESUMPCOT RIVER - R133 - VRMP	7/14/2012	6:47 AM	N				25.6	90.4	7.35					31.8	
P110	PRESUMPCOT RIVER - R133 - VRMP	7/14/2012	6:47 AM	D				25.6	90.6	7.38					20.1	
P110	PRESUMPCOT RIVER - R133 - VRMP	7/28/2012	6:40 AM	N				23.7	83.4	7.08					37.9	
P110	PRESUMPCOT RIVER - R133 - VRMP	8/11/2012	6:33 AM	N				24.2	90	7.5					>2419.6	
P110	PRESUMPCOT RIVER - R133 - VRMP	8/25/2012	6:51 AM	N				24.5	91.8	7.67					28.8	
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB	5/19/2012	6:55 AM	N				13.3	91.8	9.57					151.5	
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB	6/2/2012	7:00 AM	N				16.9	81.3	8.07					135.4	
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB	6/16/2012	6:15 AM	N				16.8	85.6	8.28	176.1				88.4	
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB	6/16/2012	6:15 AM	D				16.8	84.7	8.3	175.6				98.7	
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB	6/30/2012	7:12 AM	N				19.3	76.8	7.08					178.9	
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB	7/14/2012	7:12 AM	N				21.5	73.2	6.5					178.5	
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB	7/14/2012	7:12 AM	D				21.5	73.5	6.5					178.2	
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB	8/11/2012	6:40 AM	N				20.2	80.2	7.12					>2419.6	
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB	8/25/2012	7:37 AM	N				20	74.3	7.76					204.6	
PI020	PISCATAQUA RIVER - RPS12 - VRMP	5/19/2012	7:15 AM	N				13	98.5	10.38					43.2	
PI020	PISCATAQUA RIVER - RPS12 - VRMP	6/2/2012	7:17 AM	N				15.4	94.3	9.38					238.2	
PI020	PISCATAQUA RIVER - RPS12 - VRMP	6/16/2012	6:30 AM	N				15.5	103.1	10.3					118.7	
PI020	PISCATAQUA RIVER - RPS12 - VRMP	6/30/2012	7:22 AM	N				18.8	93.2	8.67					231	
PI020	PISCATAQUA RIVER - RPS12 - VRMP	7/14/2012	7:31 AM	N				19.3	96.2	8.89					101.7	
PI020	PISCATAQUA RIVER - RPS12 - VRMP	7/14/2012	7:31 AM	D											193.5	
PI020	PISCATAQUA RIVER - RPS12 - VRMP	8/11/2012	7:00 AM	N				19.6	91.4	8.38					1986.3	
PI020	PISCATAQUA RIVER - RPS12 - VRMP	8/25/2012	7:46 AM	N				18.3	85.8	8.17					178.5	

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Stream Depth (ft)	* Sample Depth	Depth Unit	Water Temp (DEG C)	** D.O. Sat. (%)	** D.O. (MG/L)	** Spec. Cond. (US/CM)	Salinity (PPTH)	Turbidity (NTU)	** TSS (MG/L)	E Coli Bacteria (MPN/100ML)	Enterococci (MPN/100ML)
PL010	PLEASANT RIVER - RPL06 - VRMP	5/19/2012	6:30 AM	N				15.7	94.2	9.36					52.9	
PL010	PLEASANT RIVER - RPL06 - VRMP	6/2/2012	6:30 AM	N				18.5	86.5	8.12					37.9	
PL010	PLEASANT RIVER - RPL06 - VRMP	6/30/2012	6:20 AM	N				21.7	90.5	7.91					98.4	
PL010	PLEASANT RIVER - RPL06 - VRMP	7/14/2012	6:30 AM	N				22.4	89.1	7.76					85.7	
PL010	PLEASANT RIVER - RPL06 - VRMP	7/28/2012	6:24 AM	N				19.5	89.6	8.27					435.2	
PL010	PLEASANT RIVER - RPL06 - VRMP	8/11/2012	6:21 AM	N				21	92.8	8.25					>2419.6	
PL010	PLEASANT RIVER - RPL06 - VRMP	8/25/2012	6:30 AM	N				23	92.5	7.91					137.6	
PL040	PLEASANT RIVER - RPL47 - VRMP	5/19/2012	6:28 AM	N				14.3	88.7		88.5				228.2	
PL040	PLEASANT RIVER - RPL47 - VRMP	6/2/2012	6:05 AM	N				17	83.7						435.2	
PL040	PLEASANT RIVER - RPL47 - VRMP	6/16/2012	6:02 AM	N				17	86.6	8.3					167.8	
PL040	PLEASANT RIVER - RPL47 - VRMP	6/30/2012	6:04 AM	N				19.9	81.2	7.2					261.3	
PL040	PLEASANT RIVER - RPL47 - VRMP	7/14/2012	6:03 AM	N				21.2	69.82	6.2					238.2	

Presumpscot River, Presumpscot River Watch - Non-Approved Sites:

L010	LITTLE RIVER - RLTO8 - PRW	5/19/2012	6:55 AM	N				13	90.9	9.53					51.2	
L010	LITTLE RIVER - RLTO8 - PRW	5/19/2012	6:55 AM	D				13	91.3	9.57					41.3	
L010	LITTLE RIVER - RLTO8 - PRW	6/2/2012	7:00 AM	N				16.1	90.9	8.94					152.9	
L010	LITTLE RIVER - RLTO8 - PRW	6/2/2012	7:00 AM	D				16.1	90.8	8.94					178.2	
L010	LITTLE RIVER - RLTO8 - PRW	6/16/2012	7:30 AM	N				16.1	96.8	9.55					80.9	
L010	LITTLE RIVER - RLTO8 - PRW	6/30/2012	7:12 AM	N				19.3	93.5	8.62	185				148.3	
L010	LITTLE RIVER - RLTO8 - PRW	7/14/2012	7:11 AM	N				20.6	86.1	7.75					50.1	
L010	LITTLE RIVER - RLTO8 - PRW	7/14/2012	7:11 AM	D				20.6	86.1	7.73					50.4	
L010	LITTLE RIVER - RLTO8 - PRW	8/11/2012	7:05 AM	N				19.8	87.6	8					>2419.6	
L010	LITTLE RIVER - RLTO8 - PRW	8/11/2012	7:05 AM	D											2419.2	
P135	PRESUMPCOT RIVER - R157 - PRW	5/19/2012	7:25 AM	N				16.6	93.3		62.7				38.8	
P135	PRESUMPCOT RIVER - R157 - PRW	6/2/2012	7:13 AM	N				20	90.1						20.3	
P135	PRESUMPCOT RIVER - R157 - PRW	6/16/2012	7:02 AM	N				18.1	95.3	9.3					88.4	
P135	PRESUMPCOT RIVER - R157 - PRW	6/30/2012	6:56 AM	N				21.8	75.7	6.5					37.9	
P135	PRESUMPCOT RIVER - R157 - PRW	7/14/2012	7:01 AM	N				25.8	88	7.1					33.6	
P150	PRESUMPCOT RIVER - R166 - PRW	5/19/2012	7:24 AM	N				15.2	84.5		51.8				4.1	
P150	PRESUMPCOT RIVER - R166 - PRW	6/2/2012	7:09 AM	N				19.3	89.6	8.27	50.6				20.1	
P150	PRESUMPCOT RIVER - R166 - PRW	6/16/2012	6:48 AM	N				18	97.6	9.23	44.7				5.2	
P150	PRESUMPCOT RIVER - R166 - PRW	6/30/2012	7:16 AM	N				22	97	8.46	45.1				5.2	
P150	PRESUMPCOT RIVER - R166 - PRW	7/14/2012	7:12 AM	N				25.4	88.5	7.3					13.4	
P150	PRESUMPCOT RIVER - R166 - PRW	8/11/2012	7:00 AM	N				25.4	80.4	6.65	49.6				248.1	
P150	PRESUMPCOT RIVER - R166 - PRW	8/25/2012	6:57 AM	N				24.4	86.5	7.21	48.1				10.9	
P160	PRESUMPCOT RIVER - R195 - PRW	5/19/2012	7:00 AM	N				15.5	88.2	8.8	51.6				6.3	
P160	PRESUMPCOT RIVER - R195 - PRW	6/2/2012	6:48 AM	N				19.7	93.6	8.54	50.3				6.2	
P160	PRESUMPCOT RIVER - R195 - PRW	6/12/2012	6:28 AM	N				17.5	97.5	9.35	44.5				1	

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Stream Depth (ft)	* Sample Depth	Depth Unit	Water Temp (DEG C)	** D.O. Sat. (%)	** D.O. (MG/L)	** Spec. Cond. (US/CM)	Salinity (PPTH)	Turbidity (NTU)	** TSS (MG/L)	E Coli Bacteria (MPN/100ML)	Enterococci (MPN/100ML)
P160	PRESUMPCOT RIVER - R195 - PRW	6/30/2012	6:52 AM	N				21.8	92.7	8.16	45.8				9.6	
P160	PRESUMPCOT RIVER - R195 - PRW	7/14/2012	6:47 AM	N				26.1	92.7	7.46	48.4				6.3	
P160	PRESUMPCOT RIVER - R195 - PRW	8/11/2012	6:40 AM	N				24.9	87.8	7.22	49.3				344.8	
P160	PRESUMPCOT RIVER - R195 - PRW	8/25/2012	6:38 AM	N				24.8	92.2	7.72	48.9				16.1	
P170	PRESUMPCOT RIVER - R202 - PRW	5/19/2012	6:34 AM	N				15.9	91.9	9.14	48.3				3.1	
P170	PRESUMPCOT RIVER - R202 - PRW	6/2/2012	6:25 AM	N				20	98.2	8.94	47.9				4.1	
P170	PRESUMPCOT RIVER - R202 - PRW	6/16/2012	6:06 AM	N				17.5	98.8	9.44	44.3				5.2	
P170	PRESUMPCOT RIVER - R202 - PRW	6/30/2012	6:30 AM	N				22	96	8.4	44.7				10.9	
P170	PRESUMPCOT RIVER - R202 - PRW	7/14/2012	6:20 AM	N				26.2	95.2	7.71	46.1				14.8	
P170	PRESUMPCOT RIVER - R202 - PRW	7/14/2012	6:20 AM	D				26.2	94.1	7.54	46				10.9	
P170	PRESUMPCOT RIVER - R202 - PRW	8/11/2012	6:20 AM	N				25.2	92	7.66	46.2				275.5	
P170	PRESUMPCOT RIVER - R202 - PRW	8/25/2012	6:20 AM	N				24.9	97.4	8.02	44.2				5.2	

Appendix A-2. 2012 observational data and quality assurance/quality control (QA/QC) notes for "approved" and "non-approved" sites.
 ** "N" = normal environmental sample; "D" = field duplicate; "L" = lab duplicate; "D.O." = dissolved oxygen; "Spec. Cond" = specific conductance; "Turb"= turbidity
 Refer to Appendix A-1 for water quality data

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Flow	Stage	Air Temp (°C)	Sample Location	Current Weather	Air Condition	Past 24HR Weather	Habitat	Tide Stage	Water Appearance	Comments
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Presumpscot River, Presumpscot River Watch - Approved Sites:

BB010	BAKER BROOK - RPLBK17 - VRMP	5/19/2012	6:53 AM	N	BASE FLOW	HIGH		WADING	CLEAR	CALM	CLEAR	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH
BB010	BAKER BROOK - RPLBK17 - VRMP	6/16/2012	7:00 AM	N	STORM FLOW	HIGH		WADING	CLEAR		CLEAR	RUN		CLEAR	WADEABLE/MID-DEPTH BACTERIA LAB DUPLICATE =93.4
BB010	BAKER BROOK - RPLBK17 - VRMP	6/30/2012	6:58 AM	N	BASE FLOW	MED		WADING	CLEAR	CALM	CLEAR, LIGHT RAIN, PARTLY CLOUDY	RUN		CLEAR	WADEABLE/MID-DEPTH
BB010	BAKER BROOK - RPLBK17 - VRMP	7/14/2012	7:01 AM	N	BASE FLOW	MED		WADING	PARTLY CLOUDY	CALM	CLEAR	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH
BB010	BAKER BROOK - RPLBK17 - VRMP	7/28/2012	6:51 AM	N	BASE FLOW	MED		WADING	FOGGY		LIGHT RAIN, PARTLY CLOUDY	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH
BB010	BAKER BROOK - RPLBK17 - VRMP	8/11/2012	7:00 AM	N	BASE FLOW	MED		WADING	CLOUDY		HEAVY RAIN, LIGHT RAIN	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH NO VALUE FOR D.O. IN MG/L.
BB010	BAKER BROOK - RPLBK17 - VRMP	8/25/2012	7:00 AM	N	BASE FLOW	MED		WADING	FOGGY		FOGGY, PARTLY CLOUDY	RUN		DARKLY STAINED	WADEABLE/MID-DEPTH
BL010	BLACK BROOK- RBK05 -VRMP	5/19/2012	7:25 AM	N	BASE FLOW	MED		WADING	CLEAR	CALM	CLEAR	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH
BL010	BLACK BROOK- RBK05 -VRMP	6/16/2012	7:30 AM	N	STORM FLOW	HIGH		WADING	CLEAR		CLEAR	RUN		CLEAR	WADEABLE/MID-DEPTH
BL010	BLACK BROOK- RBK05 -VRMP	6/30/2012	7:25 AM	N	BASE FLOW	HIGH		WADING	CLEAR	CALM	CLEAR, LIGHT RAIN, PARTLY CLOUDY	RUN		CLEAR	WADEABLE/MID-DEPTH
BL010	BLACK BROOK- RBK05 -VRMP	7/14/2012	7:34 AM	N	BASE FLOW	MED		WADING	PARTLY CLOUDY	CALM	CLEAR	RUN		CLEAR	WADEABLE/MID-DEPTH
BL010	BLACK BROOK- RBK05 -VRMP	7/14/2012	7:34 AM	D				WADING							WADEABLE/MID-DEPTH
BL010	BLACK BROOK- RBK05 -VRMP	7/28/2012	7:19 AM	N	BASE FLOW	MED		WADING	FOGGY		LIGHT RAIN, PARTLY CLOUDY	RUN		CLEAR	WADEABLE/MID-DEPTH
BL010	BLACK BROOK- RBK05 -VRMP	8/11/2012	7:23 AM	N	STORM FLOW	HIGH		WADING	CLOUDY		HEAVY RAIN, LIGHT RAIN	RUN		TURBID	CONCENTRATION IS ACTUALLY >2419.6. VALUE FOR USE IN GEOMETRIC MEAN. WADEABLE/MID-DEPTH NO VALUE FOR D.O. IN MG/L., WADEABLE/MID-DEPTH NO VALUE FOR D.O. IN MG/L.
BL010	BLACK BROOK- RBK05 -VRMP	8/25/2012	7:05 AM	N	BASE FLOW	LOW	18.33	WADING	FOGGY		CLEAR, FOGGY	RUN		CLEAR	WADEABLE/MID-DEPTH SAMPLED BY MARY BUSHIKA ALSO ON 8/25/12
BL010	BLACK BROOK- RBK05 -VRMP	8/25/2012	7:21 AM	N	BASE FLOW	MED		WADING	FOGGY		FOGGY, PARTLY CLOUDY	RUN		CLEAR	WADEABLE/MID-DEPTH SAMPLED BY FRED DILLON ALSO ON 8/25/12
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	5/19/2012	6:40 AM	N	BASE FLOW	MED		BANK	CLEAR		CLEAR	RUN		TURBID	NON-WADEABLE/MID-DEPTH DID NOT COMPLETE CHAIN OF CUSTODY FOR DATASHEET. SAMPLE LOCATION FROM BANK AND NOT "CENTER OF FLOW"- SHOULD BE WADING, EXTENSION POLE OR OTHER METHOD.
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	6/2/2012	6:44 AM	N	BASE FLOW	MED		BANK	CLOUDY	CALM	CLEAR, PARTLY CLOUDY	RUN		TURBID	NON-WADEABLE/MID-DEPTH SAMPLE LOCATION FROM BANK AND NOT "CENTER OF FLOW"- SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD.

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Flow	Stage	Air Temp (°C)	Sample Location	Current Weather	Air Condition	Past 24HR Weather	Habitat	Tide Stage	Water Appearance	Comments
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	6/16/2012	7:26 AM	N	BASE FLOW	MED		BANK	CLEAR	CALM	CLEAR	RUN		TURBID	NON-WADEABLE/MID-DEPTH SAMPLE LOCATION FROM BANK AND NOT "CENTER OF FLOW"- SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD.
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	6/30/2012	6:52 AM	N	BASE FLOW	MED		BANK	CLEAR		CLEAR	RUN		TURBID	TEMPERATURE FROM COND. PEN 19.5°C NON-WADEABLE/MID-DEPTH IDEXX BACTERIA ANALYSES- 1 SMALL WELL EMPTY AND 1 LARGE WELL EMPTY FOR DUPLICATE. SAMPLE LOCATION FROM BANK AND NOT "CENTER OF FLOW"- SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD.
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	6/30/2012	6:52 AM	D				BANK							TEMPERATURE FROM COND. PEN 19.5°C NON-WADEABLE/MID-DEPTH IDEXX BACTERIA ANALYSES- 1 SMALL WELL EMPTY AND 1 LARGE WELL EMPTY FOR DUPLICATE. SAMPLE LOCATION FROM BANK AND NOT "CENTER OF FLOW"- SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD.
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	7/14/2012	6:45 AM	N	BASE FLOW	MED	18.89	BANK	CLEAR	CALM	CLEAR	RUN		TURBID	NON-WADEABLE/MID-DEPTH SAMPLE LOCATION FROM BANK AND NOT "CENTER OF FLOW" - SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD.
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	7/28/2012	7:14 AM	N	BASE FLOW	MED	17.22	BRIDGE	MOSTLY CLOUDY	CALM	PARTLY CLOUDY, SHOWERS	RUN		TURBID	NON-WADEABLE/MID-DEPTH
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	8/11/2012	7:00 AM	N	STORM FLOW	HIGH	21.11	BANK	HEAVY RAIN, LIGHT RAIN		CLOUDY, FOGGY, HEAVY RAIN, SHOWERS	RUN		TURBID	CONCENTRATION IS ACTUALLY >2419.6. VALUE FOR USE IN GEOMETRIC MEAN. NON-WADEABLE/MID-DEPTH SAMPLE FROM BANK AND NOT "CENTER OF FLOW" -SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD., NON-WADEABLE/MID-DEPTH SAMPLE FROM BANK AND NOT "CENTER OF FLOW" -SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD.
CW010	COLLEY WRIGHT BROOK - RCW10 - VRMP	8/25/2012	6:55 AM	N	BASE FLOW	LOW	18.33	WADING	FOGGY		CLEAR, FOGGY	RUN		TURBID	WADEABLE/MID-DEPTH
DB010	DITCH BROOK - RPL00 - VRMP	5/19/2012	6:38 AM	N	STORM FLOW	HIGH	7	WADING	CLEAR	CALM	CLEAR	RIFFLE		MILKY	WADEABLE/MID-DEPTH NO VALUE FOR D.O. IN MG/L
DB010	DITCH BROOK - RPL00 - VRMP	6/2/2012	6:21 AM	N	BASE FLOW	MED	12.22	BANK	CLOUDY	CALM	CLEAR	RIFFLE		CLEAR	WADEABLE/MID-DEPTH NO VALUE FOR D.O. IN MG/L.
DB010	DITCH BROOK - RPL00 - VRMP	6/16/2012	6:17 AM	N	BASE FLOW	HIGH	11.11	WADING	CLEAR		CLEAR, CLOUDY, PARTLY CLOUDY	RIFFLE		MILKY	WADEABLE/MID-DEPTH
DB010	DITCH BROOK - RPL00 - VRMP	6/30/2012	6:16 AM	N	BASE FLOW	HIGH	20	WADING	CLEAR		CLEAR, CLOUDY, SHOWERS	RIFFLE		MILKY	WADEABLE/MID-DEPTH
DB010	DITCH BROOK - RPL00 - VRMP	7/14/2012	6:20 AM	N	BASE FLOW	LOW		WADING	CLOUDY, FOGGY	CALM	PARTLY CLOUDY	RIFFLE		CLEAR	WADEABLE/MID-DEPTH
DB010	DITCH BROOK - RPL00 - VRMP	7/14/2012	6:20 AM	D				WADING							WADEABLE/MID-DEPTH
IN010	INKHORN BROOK - RIK05 - VRMP	5/19/2012	6:25 AM	N	BASE FLOW	MED		BRIDGE	CLEAR		CLEAR	RUN		TURBID	NON-WADEABLE/MID-DEPTH DID NOT COMPLETE CHAIN OF CUSTODY FOR DATASHEET
IN010	INKHORN BROOK - RIK05 - VRMP	6/2/2012	6:27 AM	N	BASE FLOW	MED		BRIDGE	CLOUDY	CALM	CLEAR, PARTLY CLOUDY	RUN		TURBID	NON-WADEABLE/MID-DEPTH
IN010	INKHORN BROOK - RIK05 - VRMP	6/16/2012	7:07 AM	N	BASE FLOW	MED		CULVERT	CLEAR	CALM	CLEAR	RUN		TURBID	NON-WADEABLE/MID-DEPTH
IN010	INKHORN BROOK - RIK05 - VRMP	6/30/2012	6:35 AM	N	BASE FLOW	MED		BRIDGE	CLEAR		CLEAR	RUN		TURBID	NON-WADEABLE/MID-DEPTH
IN010	INKHORN BROOK - RIK05 - VRMP	7/14/2012	6:59 AM	N	BASE FLOW	MED	18.89	BANK	CLEAR	CALM	CLEAR	RUN		TURBID	NON-WADEABLE/MID-DEPTH SAMPLE LOCATION FROM BANK AND NOT "CENTER OF FLOW" - SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD.
IN010	INKHORN BROOK - RIK05 - VRMP	7/28/2012	7:00 AM	N	BASE FLOW	MED	17.22	BRIDGE	PARTLY CLOUDY	CALM	PARTLY CLOUDY, SHOWERS	RUN		TURBID	NON-WADEABLE/MID-DEPTH
IN010	INKHORN BROOK - RIK05 - VRMP	8/11/2012	6:52 AM	N	STORM FLOW	HIGH	21.11	BANK	HEAVY RAIN, LIGHT RAIN		CLOUDY, FOGGY, HEAVY RAIN, SHOWERS	RUN		TURBID	NON-WADEABLE/MID-DEPTH IDEXX BACTERIA ANALYSES- 1 LARGE WELL MOSTLY EMPTY. SAMPLE FROM BANK AND NOT "CENTER OF FLOW" -SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD.
IN010	INKHORN BROOK - RIK05 - VRMP	8/25/2012	6:40 AM	N	BASE FLOW	LOW	18.33	WADING	FOGGY		CLEAR, FOGGY	RUN		TURBID	WADEABLE/MID-DEPTH
L050	LITTLE RIVER-L050-VRMP	5/19/2012	7:15 AM	N	BASE FLOW	MED	9.444	WADING	CLEAR	CALM	CLEAR	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH
L050	LITTLE RIVER-L050-VRMP	6/2/2012	6:55 AM	N	BASE FLOW	MED		WADING	CLOUDY	CALM	CLEAR, CLOUDY	RIFFLE		MEDIUM STAINED	WADEABLE/MID-DEPTH DID NOT RECORD "TIME OF CALIBRATION". IDEXX BACTERIA ANALYSES- 1 LARGE WELL EMPTY.
L050	LITTLE RIVER-L050-VRMP	6/30/2012	6:56 AM	N	BASE FLOW	MED	18.89	WADING	CLEAR	CALM	CLEAR	RIFFLE		MEDIUM STAINED	WADEABLE/MID-DEPTH
L050	LITTLE RIVER-L050-VRMP	7/14/2012	7:08 AM	N	BASE FLOW	MED	18.33	WADING	CLEAR	CALM	CLEAR	RUN		CLEAR	WADEABLE/MID-DEPTH

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Flow	Stage	Air Temp (°C)	Sample Location	Current Weather	Air Condition	Past 24HR Weather	Habitat	Tide Stage	Water Appearance	Comments
L050	LITTLE RIVER-L050-VRMP	7/28/2012	7:00 AM	N	BASE FLOW	MED	17.22	WADING	PARTLY CLOUDY	CALM	PARTLY CLOUDY, SHOWERS	RIFFLE		MEDIUM STAINED	CONCENTRATION IS ACTUALLY >2419.6. VALUE FOR USE IN GEOMETRIC MEAN. WADEABLE/MID-DEPTH, WADEABLE/MID-DEPTH
L050	LITTLE RIVER-L050-VRMP	8/11/2012	7:00 AM	N	STORM FLOW	HIGH	20	WADING		CALM	HEAVY RAIN, SHOWERS	RUN		TURBID	WADEABLE/MID-DEPTH DID NOT RECORD "TIME OF CALIBRATION".
L050	LITTLE RIVER-L050-VRMP	8/25/2012	7:10 AM	N	BASE FLOW	MED	18.89	WADING	FOGGY	CALM	FOGGY, PARTLY CLOUDY	RUN		MEDIUM STAINED	NON-WADEABLE/MID-DEPTH
M010	MILL BROOK - RML01 - VRMP	5/19/2012	7:25 AM	N	BASE FLOW	MED	12	CULVERT	CLEAR	CALM	CLEAR	RUN		CLEAR	WADEABLE/MID-DEPTH
M010	MILL BROOK - RML01 - VRMP	6/2/2012	7:35 AM	N	BASE FLOW	MED	12.78	WADING	CLOUDY, LIGHT RAIN	BREEZE	CLEAR, CLOUDY	RUN		TURBID	WADEABLE/MID-DEPTH
M010	MILL BROOK - RML01 - VRMP	6/16/2012	7:20 AM	N		HIGH	13.33	CULVERT	CLEAR	CALM	CLEAR	RUN		MEDIUM STAINED	NO VERTICAL DEPTH RECORDED.
M010	MILL BROOK - RML01 - VRMP	6/30/2012	7:05 AM	N	STORM FLOW	HIGH	19.44	BANK	CLEAR	CALM	PARTLY CLOUDY	RUN		TURBID	PRESUMPCOT APPEARS TO BE BACKED UP INTO MILL BROOK. NON-WADEABLE/MID-DEPTH SAMPLE LOCATION FROM BANK AND NOT "CENTER OF FLOW" - SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD.
M010	MILL BROOK - RML01 - VRMP	7/14/2012	7:20 AM	N	BASE FLOW	LOW	17.78	WADING	PARTLY CLOUDY	CALM	CLEAR	RIFFLE		MEDIUM STAINED	WADEABLE/MID-DEPTH
M010	MILL BROOK - RML01 - VRMP	7/28/2012	6:55 AM	N	BASE FLOW	MED	19	BANK	PARTLY CLOUDY	CALM	PARTLY CLOUDY, SHOWERS	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH SAMPLE LOCATION FROM BANK AND NOT "CENTER OF FLOW" - SHOULD BE WADING, EXTENSION POLE OR OTHER METHOD.
M010	MILL BROOK - RML01 - VRMP	8/11/2012	8:40 AM	N	STORM FLOW	MED	21.11	WADING	SHOWERS	CALM	HEAVY RAIN	RUN		TURBID	CONCENTRATION IS ACTUALLY >2419.6. VALUE FOR USE IN GEOMETRIC MEAN. WADEABLE/MID-DEPTH BACTERIA LAB DUPLICATE =1413.6, WADEABLE/MID-DEPTH BACTERIA LAB DUPLICATE =1413.6
M010	MILL BROOK - RML01 - VRMP	8/25/2012	6:50 AM	N	BASE FLOW	MED	19.4	WADING	FOGGY	CALM	CLEAR, FOGGY	RUN		CLEAR	NON-WADEABLE/MID-DEPTH BACTERIA LAB DUPLICATE = 290.9
N010	NASON BROOK - RNS11 - VRMP	5/19/2012	7:09 AM	N	STORM FLOW	MED	6.667	CULVERT	CLEAR		CLEAR	RUN		MEDIUM STAINED	SWAPPED CONDUCTIVITY PENS-GOT BAD READINGS WADEABLE/MID-DEPTH NO VALUE FOR D.O. IN MG/L
N010	NASON BROOK - RNS11 - VRMP	6/2/2012	6:50 AM	N	BASE FLOW	LOW	12.22	WADING	CLOUDY	BREEZE	CLEAR	RUN		MEDIUM STAINED	NON-WADEABLE/MID-DEPTH NO VALUE FOR D.O. IN MG/L.
N010	NASON BROOK - RNS11 - VRMP	6/16/2012	6:32 AM	N	BASE FLOW	MED	11.11	CULVERT	CLEAR		CLEAR, CLOUDY	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH
N010	NASON BROOK - RNS11 - VRMP	6/30/2012	6:39 AM	N	BASE FLOW	LOW	20	WADING	CLEAR	CALM	CLEAR, CLOUDY, SHOWERS	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH
N010	NASON BROOK - RNS11 - VRMP	7/14/2012	6:41 AM	N	BASE FLOW	LOW		CULVERT	CLOUDY, FOGGY	CALM	PARTLY CLOUDY	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH
OB010	OTTER BROOK - ROT06 - VRMP	5/19/2012	5:57 AM	N	BASE FLOW	MED	6.667	CULVERT	CLEAR	CALM	CLEAR	RUN		CLEAR	WADEABLE/MID-DEPTH NO VALUE FOR D.O. IN MG/L; BACTERIA LAB DUPLICATE=27.2
OB010	OTTER BROOK - ROT06 - VRMP	6/2/2012	5:47 AM	N	BASE FLOW	MED	12.22	CULVERT	CLOUDY	CALM	CLEAR	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH NO VALUE FOR D.O. IN MG/L.
OB010	OTTER BROOK - ROT06 - VRMP	6/16/2012	8:04 AM	N	BASE FLOW	MED	11.11	CULVERT	CLEAR		CLEAR, CLOUDY, PARTLY CLOUDY	RUN		CLEAR	WADEABLE/MID-DEPTH
OB010	OTTER BROOK - ROT06 - VRMP	6/30/2012	5:41 AM	N	BASE FLOW	MED	20	CULVERT	CLEAR	CALM	CLEAR, CLOUDY, SHOWERS	RUN		CLEAR	WADEABLE/MID-DEPTH
OB010	OTTER BROOK - ROT06 - VRMP	7/14/2012	5:47 AM	N	BASE FLOW	LOW		CULVERT	CLOUDY, FOGGY	CALM	PARTLY CLOUDY	RUN		CLEAR	WADEABLE/MID-DEPTH
P020	PRESUMPCOT RIVER - R24 - VRMP	5/19/2012	6:45 AM	N	BASE FLOW	MED	12	BRIDGE	CLEAR	CALM	CLEAR	RUN		MEDIUM STAINED	
P020	PRESUMPCOT RIVER - R24 - VRMP	5/19/2012	6:45 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	5/19/2012	6:45 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	5/19/2012	6:45 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	6/2/2012	6:55 AM	N	BASE FLOW	MED	12.78	BRIDGE	CLOUDY, LIGHT RAIN	BREEZE	CLEAR, CLOUDY	RUN		MEDIUM STAINED	
P020	PRESUMPCOT RIVER - R24 - VRMP	6/2/2012	6:55 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	6/2/2012	6:55 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	6/2/2012	6:55 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	6/16/2012	6:45 AM	N		HIGH	13.33	BRIDGE	CLEAR		CLEAR	RUN		MEDIUM STAINED	MAIN STEM FLOW/DISCHARGE VOLUME VERY HIGH (MAY BE DUE TO LAKE RELEASE). RIVER CURRENT VERY STRONG-DIFFICULT TO GET PROFILE. NON-WADEABLE/3 FT BELOW SURFACE

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Flow	Stage	Air Temp (°C)	Sample Location	Current Weather	Air Condition	Past 24HR Weather	Habitat	Tide Stage	Water Appearance	Comments
P020	PRESUMPCOT RIVER - R24 - VRMP	6/16/2012	6:45 AM	N				BRIDGE							MAIN STEM FLOW/DISCHARGE VOLUME VERY HIGH (MAY BE DUE TO LAKE RELEASE). RIVER CURRENT VERY STRONG-DIFFICULT TO GET PROFILE. NON-WADEABLE/3 FT BELOW SURFACE
P020	PRESUMPCOT RIVER - R24 - VRMP	6/16/2012	6:45 AM	N				BRIDGE							MAIN STEM FLOW/DISCHARGE VOLUME VERY HIGH (MAY BE DUE TO LAKE RELEASE). RIVER CURRENT VERY STRONG-DIFFICULT TO GET PROFILE. NON-WADEABLE/3 FT BELOW SURFACE
P020	PRESUMPCOT RIVER - R24 - VRMP	6/30/2012	6:25 AM	N	STORM FLOW	HIGH	19.44	BRIDGE	CLEAR	CALM	PARTLY CLOUDY	RUN		CLEAR	NON-WADEABLE/MID-DEPTH
P020	PRESUMPCOT RIVER - R24 - VRMP	6/30/2012	6:25 AM	N				BRIDGE							NON-WADEABLE/MID-DEPTH
P020	PRESUMPCOT RIVER - R24 - VRMP	6/30/2012	6:25 AM	N				BRIDGE							NON-WADEABLE/MID-DEPTH
P020	PRESUMPCOT RIVER - R24 - VRMP	6/30/2012	6:25 AM	N				BRIDGE							NON-WADEABLE/MID-DEPTH
P020	PRESUMPCOT RIVER - R24 - VRMP	7/14/2012	6:40 AM	N	BASE FLOW	LOW	17.78	BRIDGE	PARTLY CLOUDY	CALM	CLEAR	RUN		MEDIUM STAINED	
P020	PRESUMPCOT RIVER - R24 - VRMP	7/14/2012	6:40 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	7/14/2012	6:40 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	7/14/2012	6:40 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	7/28/2012	6:20 AM	N	BASE FLOW	MED	19	BRIDGE	PARTLY CLOUDY	CALM	PARTLY CLOUDY, SHOWERS	RUN		TURBID	
P020	PRESUMPCOT RIVER - R24 - VRMP	7/28/2012	6:20 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	7/28/2012	6:20 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	7/28/2012	6:20 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	8/11/2012	8:00 AM	N	STORM FLOW	MED	21.11	BRIDGE	SHOWERS	CALM	HEAVY RAIN	RUN		TURBID	
P020	PRESUMPCOT RIVER - R24 - VRMP	8/11/2012	8:00 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	8/11/2012	8:00 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	8/11/2012	8:00 AM	N				BRIDGE							
P020	PRESUMPCOT RIVER - R24 - VRMP	8/25/2012	6:10 AM	N	BASE FLOW	MED	19.4	BRIDGE	FOGGY	CALM	CLEAR, FOGGY	RUN		MEDIUM STAINED	NON-WADEABLE/3 FT BELOW SURFACE
P020	PRESUMPCOT RIVER - R24 - VRMP	8/25/2012	6:10 AM	N				BRIDGE							NON-WADEABLE/3 FT BELOW SURFACE
P020	PRESUMPCOT RIVER - R24 - VRMP	8/25/2012	6:10 AM	N				BRIDGE							NON-WADEABLE/3 FT BELOW SURFACE
P020	PRESUMPCOT RIVER - R24 - VRMP	8/25/2012	6:10 AM	N				BRIDGE							NON-WADEABLE/3 FT BELOW SURFACE
P030	PRESUMPCOT RIVER - R47 - VRMP	5/19/2012	7:15 AM	N	BASE FLOW	MED	12	BRIDGE	CLEAR	CALM	CLEAR	RUN		MEDIUM STAINED	
P030	PRESUMPCOT RIVER - R47 - VRMP	5/19/2012	7:15 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	5/19/2012	7:15 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	5/19/2012	7:15 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	6/2/2012	7:20 AM	N	BASE FLOW	MED	12.78	BRIDGE	CLOUDY, LIGHT RAIN	BREEZE	CLEAR, CLOUDY	RUN		MEDIUM STAINED	
P030	PRESUMPCOT RIVER - R47 - VRMP	6/2/2012	7:20 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	6/2/2012	7:20 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	6/2/2012	7:20 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	6/16/2012	7:05 AM	N		HIGH	13.33	BRIDGE	CLEAR		CLEAR	RUN		MEDIUM STAINED	MAIN STEM FLOW/DISCHARGE VOLUME VERY HIGH (MAY BE DUE TO LAKE RELEASE). RIVER CURRENT VERY STRONG-DIFFICULT TO GET PROFILE. NON-WADEABLE/3 FT BELOW SURFACE
P030	PRESUMPCOT RIVER - R47 - VRMP	6/16/2012	7:05 AM	N				BRIDGE							MAIN STEM FLOW/DISCHARGE VOLUME VERY HIGH (MAY BE DUE TO LAKE RELEASE). RIVER CURRENT VERY STRONG-DIFFICULT TO GET PROFILE. NON-WADEABLE/3 FT BELOW SURFACE
P030	PRESUMPCOT RIVER - R47 - VRMP	6/16/2012	7:05 AM	N				BRIDGE							MAIN STEM FLOW/DISCHARGE VOLUME VERY HIGH (MAY BE DUE TO LAKE RELEASE). RIVER CURRENT VERY STRONG-DIFFICULT TO GET PROFILE. NON-WADEABLE/3 FT BELOW SURFACE
P030	PRESUMPCOT RIVER - R47 - VRMP	6/16/2012	7:05 AM	N				BRIDGE							MAIN STEM FLOW/DISCHARGE VOLUME VERY HIGH (MAY BE DUE TO LAKE RELEASE). RIVER CURRENT VERY STRONG-DIFFICULT TO GET PROFILE. NON-WADEABLE/3 FT BELOW SURFACE
P030	PRESUMPCOT RIVER - R47 - VRMP	6/30/2012	6:45 AM	N	STORM FLOW	HIGH	19.44	BRIDGE	CLEAR	CALM	PARTLY CLOUDY	RUN		CLEAR	NON-WADEABLE/MID-DEPTH
P030	PRESUMPCOT RIVER - R47 - VRMP	6/30/2012	6:45 AM	N				BRIDGE							NON-WADEABLE/MID-DEPTH
P030	PRESUMPCOT RIVER - R47 - VRMP	6/30/2012	6:45 AM	N				BRIDGE							NON-WADEABLE/MID-DEPTH
P030	PRESUMPCOT RIVER - R47 - VRMP	6/30/2012	6:45 AM	N				BRIDGE							NON-WADEABLE/MID-DEPTH
P030	PRESUMPCOT RIVER - R47 - VRMP	6/30/2012	6:45 AM	N				BRIDGE							NON-WADEABLE/MID-DEPTH
P030	PRESUMPCOT RIVER - R47 - VRMP	7/14/2012	7:00 AM	N	BASE FLOW	LOW	17.78	BRIDGE	PARTLY CLOUDY	CALM	CLEAR	RUN		MEDIUM STAINED	

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Flow	Stage	Air Temp (°C)	Sample Location	Current Weather	Air Condition	Past 24HR Weather	Habitat	Tide Stage	Water Appearance	Comments
P030	PRESUMPCOT RIVER - R47 - VRMP	7/14/2012	7:00 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	7/14/2012	7:00 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	7/14/2012	7:00 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	7/28/2012	6:40 AM	N	BASE FLOW	MED	19	BRIDGE	PARTLY CLOUDY	CALM	PARTLY CLOUDY, SHOWERS	RUN		TURBID	
P030	PRESUMPCOT RIVER - R47 - VRMP	7/28/2012	6:40 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	7/28/2012	6:40 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	7/28/2012	6:40 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	8/11/2012	8:20 AM	N	STORM FLOW	MED	21.11	BRIDGE	SHOWERS	CALM	HEAVY RAIN	RUN		TURBID	
P030	PRESUMPCOT RIVER - R47 - VRMP	8/11/2012	8:20 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	8/11/2012	8:20 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	8/11/2012	8:20 AM	N				BRIDGE							
P030	PRESUMPCOT RIVER - R47 - VRMP	8/25/2012	6:35 AM	N	BASE FLOW	MED	19.4	BRIDGE	FOGGY	CALM	CLEAR, FOGGY	RUN		MEDIUM STAINED	NON-WADEABLE/3 FT BELOW SURFACE
P030	PRESUMPCOT RIVER - R47 - VRMP	8/25/2012	6:35 AM	N				BRIDGE							NON-WADEABLE/3 FT BELOW SURFACE
P030	PRESUMPCOT RIVER - R47 - VRMP	8/25/2012	6:35 AM	N				BRIDGE							NON-WADEABLE/3 FT BELOW SURFACE
P030	PRESUMPCOT RIVER - R47 - VRMP	8/25/2012	6:35 AM	N				BRIDGE							NON-WADEABLE/3 FT BELOW SURFACE
P110	PRESUMPCOT RIVER - R133 - VRMP	5/19/2012	6:50 AM	N	BASE FLOW	MED	9.444	BRIDGE	CLEAR	CALM	CLEAR	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE
P110	PRESUMPCOT RIVER - R133 - VRMP	6/2/2012	6:34 AM	N	BASE FLOW	MED		BRIDGE	CLOUDY	CALM	CLEAR, CLOUDY	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE DID NOT RECORD "TIME OF CALIBRATION"
P110	PRESUMPCOT RIVER - R133 - VRMP	6/30/2012	6:35 AM	N	BASE FLOW	MED	18.89	BRIDGE	CLEAR	CALM	CLEAR	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE
P110	PRESUMPCOT RIVER - R133 - VRMP	7/14/2012	6:47 AM	N	BASE FLOW	MED	18.33	BRIDGE	CLEAR	CALM	CLEAR	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE IDEXX BACTERIA ANALYSES- 1 LARGE WELL EMPTY FOR DUPLICATE.
P110	PRESUMPCOT RIVER - R133 - VRMP	7/14/2012	6:47 AM	D				BRIDGE							NON-WADEABLE/3 FT BELOW SURFACE IDEXX BACTERIA ANALYSES- 1 LARGE WELL EMPTY FOR DUPLICATE.
P110	PRESUMPCOT RIVER - R133 - VRMP	7/28/2012	6:40 AM	N	BASE FLOW	MED	17.22	BRIDGE	PARTLY CLOUDY	CALM	PARTLY CLOUDY, SHOWERS	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE
P110	PRESUMPCOT RIVER - R133 - VRMP	8/11/2012	6:33 AM	N	STORM FLOW	HIGH	20	BRIDGE		CALM	HEAVY RAIN, SHOWERS	RUN		CLEAR	CONCENTRATION IS ACTUALLY >2419.6. VALUE FOR USE IN GEOMETRIC MEAN. NON-WADEABLE/3 FT BELOW SURFACE DID NOT RECORD "TIME OF CALIBRATION"., NON-WADEABLE/3 FT BELOW SURFACE DID NOT RECORD "TIME OF CALIBRATION".
P110	PRESUMPCOT RIVER - R133 - VRMP	8/25/2012	6:51 AM	N	BASE FLOW	MED	18.89	BRIDGE	FOGGY	CALM	CLEAR, FOGGY, PARTLY CLOUDY	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE BACTERIA LAB DUPLICATE = 21.8
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB05 - VRMP	5/19/2012	6:55 AM	N	BASE FLOW	MED	12.78	WADING	CLEAR		CLEAR	RUN		OPAQUE	WADEABLE/1.5 FT BELOW SURFACE BACTERIA LAB DUPLICATE= 150. IDEXX BACTERIA ANALYSES- 1 LARGE WELL EMPTY.
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB05 - VRMP	6/2/2012	7:00 AM	N	BASE FLOW	MED	13.33	WADING	CLOUDY, MOSTLY CLOUDY	BREEZE	CLEAR, MOSTLY CLOUDY, PARTLY CLOUDY	RIFFLE		OPAQUE	WADEABLE/MID-DEPTH
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB05 - VRMP	6/16/2012	6:15 AM	N		HIGH	13.33	BANK	CLEAR	CALM	CLEAR	RUN		TURBID	MAINSTREAM FLOW/DISCHARGE VOLUME VERY HIGH AND SPILLING ONTO FLOOD PLAIN AT TRIB CONFLUENCES NO VERTICAL DEPTH RECORDED. SAMPLE LOCATION FROM BANK AND NOT "CENTER OF FLOW"-SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD.
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB05 - VRMP	6/16/2012	6:15 AM	D				BANK							MAINSTREAM FLOW/DISCHARGE VOLUME VERY HIGH AND SPILLING ONTO FLOOD PLAIN AT TRIB CONFLUENCES NO VERTICAL DEPTH RECORDED. SAMPLE LOCATION FROM BANK AND NOT "CENTER OF FLOW"-SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD.
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB05 - VRMP	6/30/2012	7:12 AM	N	BASE FLOW	MED		WADING	CLEAR	CALM	CLEAR, CLOUDY, LIGHT RAIN	RUN		OPAQUE	WADEABLE/MID-DEPTH
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB05 - VRMP	7/14/2012	7:12 AM	N	BASE FLOW	LOW	22.78	WADING	CLEAR	BREEZE	CLEAR, PARTLY CLOUDY	RUN		OPAQUE	WADEABLE/MID-DEPTH
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB05 - VRMP	7/14/2012	7:12 AM	D				WADING							WADEABLE/MID-DEPTH

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Flow	Stage	Air Temp (°C)	Sample Location	Current Weather	Air Condition	Past 24HR Weather	Habitat	Tide Stage	Water Appearance	Comments
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB05 - VRMP	8/11/2012	6:40 AM	N	STORM FLOW	HIGH	20	WADING	CLOUDY		FOGGY, HEAVY RAIN, LIGHT RAIN	RUN		TURBID	CONCENTRATION IS ACTUALLY >2419.6. VALUE FOR USE IN GEOMETRIC MEAN. WADEABLE/MID-DEPTH, WADEABLE/MID-DEPTH
PI010	EAST BRANCH PISCATAQUA RIVER - RPSEB05 - VRMP	8/25/2012	7:37 AM	N	BASE FLOW	LOW	17.78	WADING	FOGGY	CALM	CLOUDY, PARTLY CLOUDY	RUN		CLEAR	WADEABLE/MID-DEPTH
PI020	PISCATAQUA RIVER - RPS12 - VRMP	5/19/2012	7:15 AM	N	BASE FLOW	MED	12.78	WADING	CLEAR	CALM	CLEAR	RUN		OPAQUE	WADEABLE/1.5 FT BELOW SURFACE
PI020	PISCATAQUA RIVER - RPS12 - VRMP	6/2/2012	7:17 AM	N	BASE FLOW	MED	13.33	WADING	CLOUDY, MOSTLY CLOUDY	BREEZE	CLEAR, MOSTLY CLOUDY, PARTLY CLOUDY	RIFFLE		OPAQUE	WADEABLE/MID-DEPTH IDEXX BACTERIA ANALYSES- 1 LARGE EMPTY WELL.
PI020	PISCATAQUA RIVER - RPS12 - VRMP	6/16/2012	6:30 AM	N	BASE FLOW	MED		BANK	CLEAR	CALM	CLEAR	RUN		TURBID	NON-WADEABLE/MID-DEPTH SAMPLE LOCATION FROM BANK AND NOT "CENTER OF FLOW"- SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD.
PI020	PISCATAQUA RIVER - RPS12 - VRMP	6/30/2012	7:22 AM	N	BASE FLOW	MED		WADING	CLEAR	CALM	CLEAR, CLOUDY, LIGHT RAIN	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH BACTERIA LAB DUPLICATE = 218.7
PI020	PISCATAQUA RIVER - RPS12 - VRMP	7/14/2012	7:31 AM	N	BASE FLOW	LOW	22.78	WADING	CLEAR	BREEZE	CLEAR, PARTLY CLOUDY	RUN		CLEAR	WADEABLE/MID-DEPTH BACTERIA LAB DUPLICATE = 193.5. IDEXX BACTERIA ANALYSES- 1 LARGE WELL EMPTY.
PI020	PISCATAQUA RIVER - RPS12 - VRMP	7/14/2012	7:31 AM	D				WADING							WADEABLE/MID-DEPTH BACTERIA LAB DUPLICATE = 193.5. IDEXX BACTERIA ANALYSES- 1 LARGE WELL EMPTY.
PI020	PISCATAQUA RIVER - RPS12 - VRMP	8/11/2012	7:00 AM	N	STORM FLOW	HIGH	20	WADING	CLOUDY		FOGGY, HEAVY RAIN, LIGHT RAIN	RUN		TURBID	WADEABLE/MID-DEPTH
PI020	PISCATAQUA RIVER - RPS12 - VRMP	8/25/2012	7:46 AM	N	BASE FLOW	LOW	17.78	WADING	FOGGY	CALM	CLOUDY, PARTLY CLOUDY	RUN		CLEAR	WADEABLE/MID-DEPTH
PL010	PLEASANT RIVER - RPL06 - VRMP	5/19/2012	6:30 AM	N	BASE FLOW	MED	9.444	BRIDGE	CLEAR	CALM	CLEAR	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE
PL010	PLEASANT RIVER - RPL06 - VRMP	6/2/2012	6:30 AM	N	BASE FLOW	MED		BRIDGE	CLOUDY	CALM	CLEAR, CLOUDY	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE DID NOT RECORD "TIME OF CALIBRATION"
PL010	PLEASANT RIVER - RPL06 - VRMP	6/30/2012	6:20 AM	N	BASE FLOW	HIGH	18.89	BRIDGE	CLEAR	CALM	CLEAR	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE
PL010	PLEASANT RIVER - RPL06 - VRMP	7/14/2012	6:30 AM	N	BASE FLOW	MED	18.33	BRIDGE	CLEAR	CALM	CLEAR	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE
PL010	PLEASANT RIVER - RPL06 - VRMP	7/28/2012	6:24 AM	N	BASE FLOW	MED	17.22	BRIDGE	PARTLY CLOUDY	CALM	PARTLY CLOUDY, SHOWERS	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE
PL010	PLEASANT RIVER - RPL06 - VRMP	8/11/2012	6:21 AM	N	STORM FLOW	HIGH	20	BRIDGE		CALM	HEAVY RAIN, SHOWERS	RUN		MEDIUM STAINED	CONCENTRATION IS ACTUALLY >2419.6. VALUE FOR USE IN GEOMETRIC MEAN. NON-WADEABLE/3 FT BELOW SURFACE DID NOT RECORD "TIME OF CALIBRATION"., NON-WADEABLE/3 FT BELOW SURFACE DID NOT RECORD "TIME OF CALIBRATION".
PL010	PLEASANT RIVER - RPL06 - VRMP	8/25/2012	6:30 AM	N	BASE FLOW	MED	18.89	BRIDGE	FOGGY	CALM	CLEAR, FOGGY, PARTLY CLOUDY	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE
PL040	PLEASANT RIVER - RPL47 - VRMP	5/19/2012	6:28 AM	N	STORM FLOW	HIGH	6.667	BANK	CLEAR	CALM	CLEAR	RUN		DARKLY STAINED	WADEABLE/MID-DEPTH NO VALUE FOR D.O. IN MG/L. SAMPLE LOCATION FROM BANK AND NOT "CENTER OF FLOW"-SHOULD BE BY WADING, EXTENSION POLE OR OTHER METHOD.
PL040	PLEASANT RIVER - RPL47 - VRMP	6/2/2012	6:05 AM	N	BASE FLOW	MED	12.22	BANK	CLOUDY	CALM	CLEAR	RUN		DARKLY STAINED	WADEABLE/MID-DEPTH NO VALUE FOR D.O. IN MG/L.
PL040	PLEASANT RIVER - RPL47 - VRMP	6/16/2012	6:02 AM	N	BASE FLOW	HIGH	11.11	WADING	CLEAR		CLEAR, CLOUDY, PARTLY CLOUDY	RUN		DARKLY STAINED	WADEABLE/MID-DEPTH
PL040	PLEASANT RIVER - RPL47 - VRMP	6/30/2012	6:04 AM	N	BASE FLOW	MED	20	CULVERT	CLEAR	CALM	CLEAR, CLOUDY, SHOWERS	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Flow	Stage	Air Temp (°C)	Sample Location	Current Weather	Air Condition	Past 24HR Weather	Habitat	Tide Stage	Water Appearance	Comments
PL040	PLEASANT RIVER - RPL47 - VRMP	7/14/2012	6:03 AM	N	BASE FLOW	MED		BANK	CLOUDY, FOGGY	CALM	PARTLY CLOUDY	RIFFLE		MEDIUM STAINED	WADEABLE/MID-DEPTH D.O. % SATURATION WAS RECORDED ON FIELDSHEET AS 21.3. ASSUME THIS TO BE INCORRECT AND USED CALCULATED.

Presumpscot River, Presumpscot River Watch - Non-Approved Sites:

L010	LITTLE RIVER - RLT08 - PRW	5/19/2012	6:55 AM	N	BASE FLOW	MED		BANK	CLEAR		CLEAR	RUN			NON-WADEABLE/MID-DEPTH DID NOT COMPLETE CHAIN OF CUSTODY FOR DATASHEET
L010	LITTLE RIVER - RLT08 - PRW	5/19/2012	6:55 AM	D				BANK							NON-WADEABLE/MID-DEPTH DID NOT COMPLETE CHAIN OF CUSTODY FOR DATASHEET
L010	LITTLE RIVER - RLT08 - PRW	6/2/2012	7:00 AM	N	BASE FLOW	MED		BANK	CLOUDY	CALM	CLEAR, PARTLY CLOUDY	RUN		TURBID	NON-WADEABLE/MID-DEPTH
L010	LITTLE RIVER - RLT08 - PRW	6/2/2012	7:00 AM	D				BANK							NON-WADEABLE/MID-DEPTH
L010	LITTLE RIVER - RLT08 - PRW	6/16/2012	7:30 AM	N	BASE FLOW	MED		BANK	CLEAR	CALM	CLEAR	RUN		TURBID	FOAM/BUBBLES ON SURFACE NON-WADEABLE/MID-DEPTH
L010	LITTLE RIVER - RLT08 - PRW	6/30/2012	7:12 AM	N	BASE FLOW	MED		BANK	CLEAR		CLEAR	RUN		TURBID	NON-WADEABLE/MID-DEPTH
L010	LITTLE RIVER - RLT08 - PRW	7/14/2012	7:11 AM	N	BASE FLOW	LOW	18.89	BANK	CLEAR	CALM	CLEAR	RUN		TURBID	NON-WADEABLE/MID-DEPTH IDEXX BACTERIA ANALYSES- 1 LARGE WELL EMPTY FOR DUPLICATE.
L010	LITTLE RIVER - RLT08 - PRW	7/14/2012	7:11 AM	D				BANK							NON-WADEABLE/MID-DEPTH IDEXX BACTERIA ANALYSES- 1 LARGE WELL EMPTY FOR DUPLICATE.
L010	LITTLE RIVER - RLT08 - PRW	8/11/2012	7:05 AM	N	STORM FLOW	HIGH	21.11	BANK	HEAVY RAIN, LIGHT RAIN		CLOUDY, FOGGY, HEAVY RAIN, SHOWERS	RUN		TURBID	CONCENTRATION IS ACTUALLY >2419.6. VALUE FOR USE IN GEOMETRIC MEAN. NON-WADEABLE/MID-DEPTH, NON-WADEABLE/MID-DEPTH
L010	LITTLE RIVER - RLT08 - PRW	8/11/2012	7:05 AM	D				BANK							NON-WADEABLE/MID-DEPTH
P135	PRESUMPCOT RIVER - R157 - PRW	5/19/2012	7:25 AM	N	STORM FLOW	HIGH	6.667	WADING	CLEAR	CALM	CLEAR	RUN		MEDIUM STAINED	SWAPPED CONDUCTIVITY PEN-GOT BAD READINGS WADEABLE/MID-DEPTH NO VALUE FOR D.O. IN MG/L. IDEXX BACTERIA- 1 LARGE WELL EMPTY.
P135	PRESUMPCOT RIVER - R157 - PRW	6/2/2012	7:13 AM	N	BASE FLOW	LOW	12.22		CLOUDY	CALM	CLEAR	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH SAMPLING LOCATION NOT RECORDED. NO VALUE FOR D.O. IN MG/L. IDEXX BACTERIA ANALYSES- 1 LARGE EMPTY WELL.
P135	PRESUMPCOT RIVER - R157 - PRW	6/16/2012	7:02 AM	N	BASE FLOW	HIGH	11.11	WADING	CLEAR		CLEAR, CLOUDY	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH
P135	PRESUMPCOT RIVER - R157 - PRW	6/30/2012	6:56 AM	N	BASE FLOW	MED	20	WADING	CLEAR	CALM	CLEAR, CLOUDY, SHOWERS	RUN		CLEAR	WADEABLE/MID-DEPTH
P135	PRESUMPCOT RIVER - R157 - PRW	7/14/2012	7:01 AM	N	BASE FLOW	LOW			CLOUDY, FOGGY	CALM	PARTLY CLOUDY	RUN		MEDIUM STAINED	WADEABLE/MID-DEPTH SAMPLING LOCATION NOT RECORDED-OK NON-APPROVED SITE.
P150	PRESUMPCOT RIVER - R166 - PRW	5/19/2012	7:24 AM	N	BASE FLOW	MED		BANK	CLEAR	BREEZE	CLEAR	RUN		CLEAR	COVERED BRIDGE NON-WADEABLE/3 FT BELOW SURFACE NO D.O. READING IN MG/L
P150	PRESUMPCOT RIVER - R166 - PRW	6/2/2012	7:09 AM	N	BASE FLOW	LOW	12.78	BANK	CLOUDY	BREEZE	CLEAR, CLOUDY	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE
P150	PRESUMPCOT RIVER - R166 - PRW	6/16/2012	6:48 AM	N	BASE FLOW	HIGH	11.67	WADING	CLEAR	BREEZE	CLEAR	RUN		CLEAR	WADEABLE/MID-DEPTH
P150	PRESUMPCOT RIVER - R166 - PRW	6/30/2012	7:16 AM	N	BASE FLOW	MED		BANK	CLEAR	BREEZE	CLEAR, CLOUDY, SHOWERS	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE
P150	PRESUMPCOT RIVER - R166 - PRW	7/14/2012	7:12 AM	N	BASE FLOW	MED		BANK	CLEAR, PARTLY CLOUDY		CLEAR, CLOUDY	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE
P150	PRESUMPCOT RIVER - R166 - PRW	8/11/2012	7:00 AM	N	STORM FLOW	MED		BANK	CLOUDY, SHOWERS	BREEZE	CLOUDY, HEAVY RAIN	RUN		GREEN - PHYTOPLANKTON BLOOM	NON-WADEABLE/3 FT BELOW SURFACE
P150	PRESUMPCOT RIVER - R166 - PRW	8/25/2012	6:57 AM	N		MED		BANK	CLOUDY, FOGGY	CALM	CLEAR, PARTLY CLOUDY	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE
P160	PRESUMPCOT RIVER - R195 - PRW	5/19/2012	7:00 AM	N	BASE FLOW	LOW		BANK	CLEAR	BREEZE	CLEAR	RUN		CLEAR	DUNDEE PARK NON-WADEABLE/3 FT BELOW SURFACE
P160	PRESUMPCOT RIVER - R195 - PRW	6/2/2012	6:48 AM	N	BASE FLOW	LOW	12.78	BANK	CLOUDY	BREEZE	CLEAR, CLOUDY	RUN		CLEAR	NON-WADEABLE/MID-DEPTH

Organization Site Code	VRMP Site ID	Date	Time	** Sample Type Qualifier	Flow	Stage	Air Temp (°C)	Sample Location	Current Weather	Air Condition	Past 24HR Weather	Habitat	Tide Stage	Water Appearance	Comments
P160	PRESUMPCOT RIVER - R195 - PRW	6/12/2012	6:28 AM	N	BASE FLOW	HIGH	11.67	WADING	CLEAR	BREEZE	CLEAR	RUN		CLEAR	WADEABLE/1.5 FT BELOW SURFACE IDEXX ANALYSES- 1 LARGE WELL EMPTY.
P160	PRESUMPCOT RIVER - R195 - PRW	6/30/2012	6:52 AM	N	BASE FLOW	LOW		BANK	CLEAR	BREEZE	CLEAR, CLOUDY, SHOWERS	RUN		CLEAR	NON-WADEABLE/MID-DEPTH
P160	PRESUMPCOT RIVER - R195 - PRW	7/14/2012	6:47 AM	N	BASE FLOW	LOW		BANK	CLEAR, PARTLY CLOUDY		CLEAR, CLOUDY	RUN		CLEAR	WADEABLE/MID-DEPTH
P160	PRESUMPCOT RIVER - R195 - PRW	8/11/2012	6:40 AM	N	STORM FLOW	LOW		BANK	CLOUDY, SHOWERS	BREEZE	CLOUDY, HEAVY RAIN	RUN		CLEAR	NON-WADEABLE/3 FT BELOW SURFACE
P160	PRESUMPCOT RIVER - R195 - PRW	8/25/2012	6:38 AM	N		LOW		BANK	CLOUDY, FOGGY	CALM	CLEAR, PARTLY CLOUDY	RUN		FOAMY	NON-WADEABLE/MID-DEPTH
P170	PRESUMPCOT RIVER - R202 - PRW	5/19/2012	6:34 AM	N	BASE FLOW	LOW		BANK	CLEAR	BREEZE	CLEAR	RIFFLE		CLEAR	N. GORHAM XING WADEABLE/MID-DEPTH
P170	PRESUMPCOT RIVER - R202 - PRW	6/2/2012	6:25 AM	N	BASE FLOW	LOW	12.78	WADING	CLOUDY	BREEZE	CLEAR, CLOUDY	RIFFLE		CLEAR	WADEABLE/MID-DEPTH
P170	PRESUMPCOT RIVER - R202 - PRW	6/16/2012	6:06 AM	N	BASE FLOW	HIGH	11.67	WADING	CLEAR	BREEZE	CLEAR	RIFFLE		CLEAR	WADEABLE/1.5 FT BELOW SURFACE
P170	PRESUMPCOT RIVER - R202 - PRW	6/30/2012	6:30 AM	N	BASE FLOW	LOW		WADING	CLEAR	BREEZE	CLEAR, CLOUDY, SHOWERS	RIFFLE		CLEAR	NON-WADEABLE/MID-DEPTH
P170	PRESUMPCOT RIVER - R202 - PRW	7/14/2012	6:20 AM	N	BASE FLOW	LOW		WADING	CLEAR, PARTLY CLOUDY		CLEAR, CLOUDY	RIFFLE		CLEAR	WADEABLE/MID-DEPTH
P170	PRESUMPCOT RIVER - R202 - PRW	7/14/2012	6:20 AM	D				WADING							WADEABLE/MID-DEPTH
P170	PRESUMPCOT RIVER - R202 - PRW	8/11/2012	6:20 AM	N	STORM FLOW	LOW		BANK	CLOUDY, SHOWERS	BREEZE	CLOUDY, HEAVY RAIN	RIFFLE		CLEAR	NON-WADEABLE/MID-DEPTH
P170	PRESUMPCOT RIVER - R202 - PRW	8/25/2012	6:20 AM	N		LOW		WADING	CLOUDY, FOGGY	CALM	CLEAR, PARTLY CLOUDY	RIFFLE		FOAMY	WADEABLE/MID-DEPTH