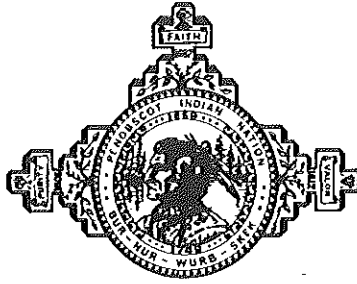


PENOBSCOT NATION

DEPARTMENT OF
NATURAL RESOURCES

JOHN S. BANKS, DIRECTOR



12 WABANAKI WAY
INDIAN ISLAND, ME 04468
TEL: 207/827/7776
FAX: 207/817/7466

November 29, 2017

Susanne Meidel
Water Quality Standards Coordinator
Maine Department of Environmental Protection
SHS 17
Augusta, Maine 04333

RE: Re-Classification Proposal

Dear Ms. Meidel:

The Penobscot Indian Nation (PIN) is responding to Maine DEP's invitation to submit proposals on changes to classification of specific surface waters. On behalf of the tribe I would like to thank you for the opportunity to provide this proposal and participate in this process.

As you are aware, the PIN Water Resources Program (PIN WRP) conducts extensive water quality monitoring activities throughout the PIN territories, including the Penobscot River watershed. The proposal that we are making is largely based on water quality data that we have collected in these river segments that demonstrate that the segment is currently attaining the recommended higher class. 38 MRS §464 subsection 4.F (4) states "When the actual quality of any classified water exceeds the minimum standards of the next highest classification, that higher water quality must be maintained and protected. The board shall recommend to the Legislature that that water be reclassified in the next higher classification."

1. PIN requests that the West Branch Penobscot River segment from the outlet of Ferguson and Quakish Lakes to its confluence with the East Branch of the Penobscot River, including all impoundments be upgraded from Class C to Class B. Ambient water quality data collected by PIN WRP demonstrates that this segment of river is currently attaining class B criteria for dissolved oxygen and *E. coli* and has been attaining this next higher class for at least the past 5 years. (The small deep hole of Dolby Pond has occasionally not met class B dissolved oxygen criteria at depths below the point of thermal stratification; however 38 MRS §464 subsection 13 exempts measuring compliance with dissolved oxygen below the point of thermal stratification in riverine impoundments.) The improved water quality is the result of the closure of paper mills in Millinocket and East Millinocket. There is no expected negative impact to remaining

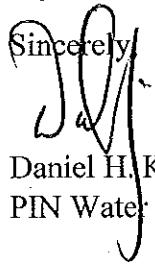
PIN Reclass Proposal

- municipal and storm water dischargers within this segment, as the higher class is already being attained.
2. PIN requests that the main stem Penobscot River from the confluence of the East Branch and the West Branch to the confluence of the Mattawamkeag River, including all impoundments be upgraded from Class C to Class B. Water quality monitoring by PIN WRP demonstrates that class B criteria are currently attained in this segment, and have been for at least the past 5 years. The closure of the two upstream paper mills in the West Branch has resulted in improvements to water quality. Additionally, this requested upgrade is needed to help support the restoration of Atlantic salmon and other diadromous fish species that use the upper Penobscot, the East Branch (which is class AA), and tributaries. There is no expected negative effect to current municipal or storm water dischargers as the segment is currently attaining class B standards.
 3. PIN requests that the lower main stem Penobscot River segment from the Milford Dam to the former Veazie Dam site be expanded as "specially designated free-flowing habitat". Currently, the segment downstream from the Veazie Dam has the following special language "*Further, the Legislature finds that the free-flowing habitat of this river segment provides irreplaceable social and economic benefits and that this use must be maintained.*" With the removal of the Great Works Dam in 2012 and the Veazie Dam in 2013 and the resultant returns of several diadromous fish species it is important to expand the free-flowing designation to this segment to support the restoration of these species.

By separate attachment, I am providing water quality data for the past 5 years collected by PIN WRP at sites located within the lower West Branch and upper main stem Penobscot River segments to which we are requesting class upgrades, a map of the sampling sites, and map delineating the segments to which our proposal applies. In 2017 we conducted benthic macroinvertebrate sampling upstream of Dolby Pond and in the Rocabema Dam impoundment. We will provide taxonomic data from this sampling effort to you when it is available (anticipated February 2018).

Thank you for considering these reclassification proposals. Please do not hesitate to contact me (207-817-7361 or dan.kusnierz@penobscotnation.org) if you have any questions or would like any additional information.

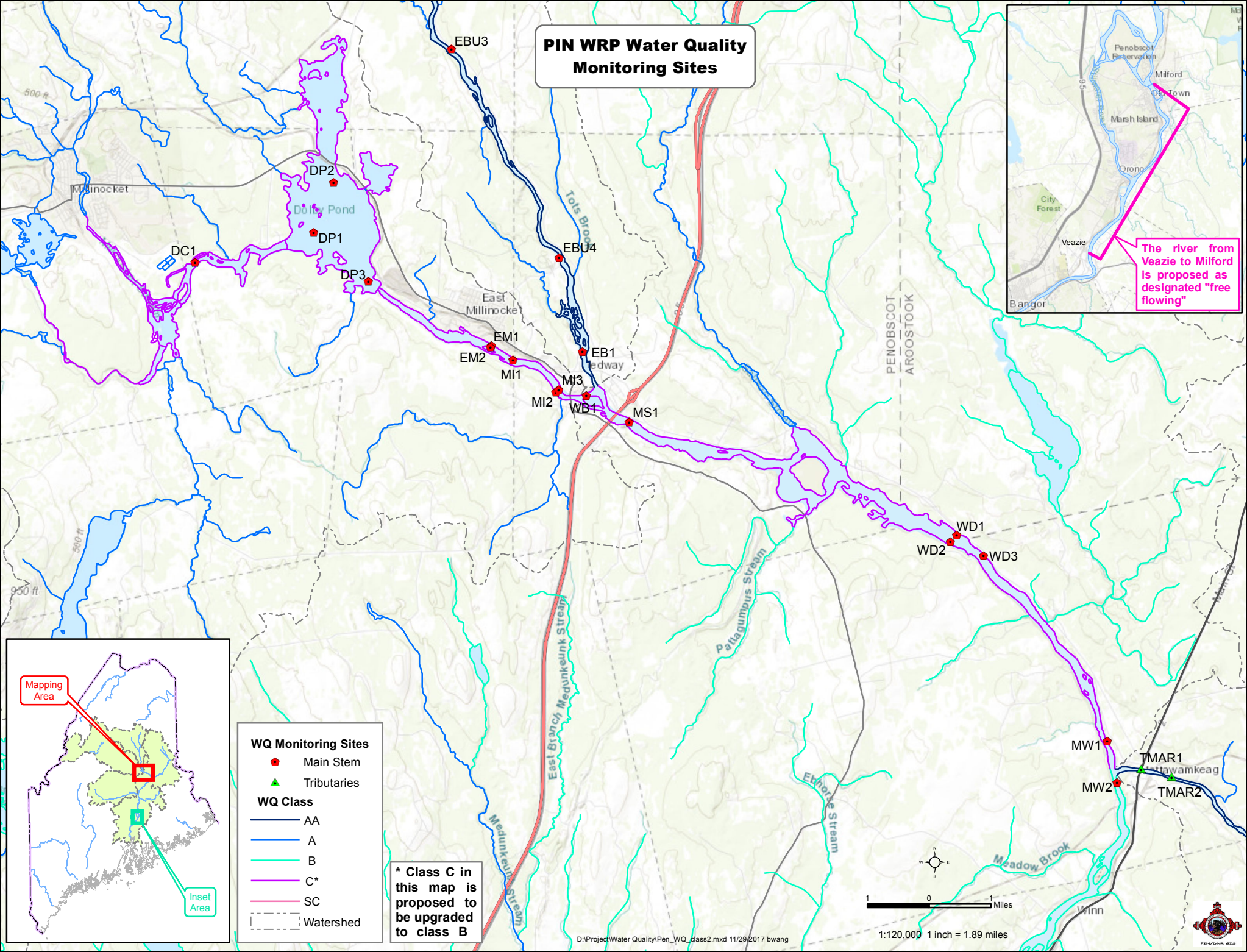
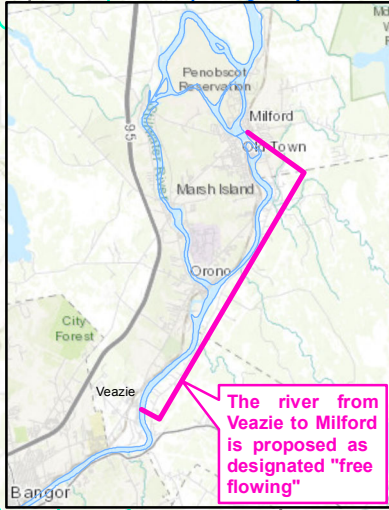
Sincerely,



Daniel H. Kusnierz
PIN Water Resources Program Manager

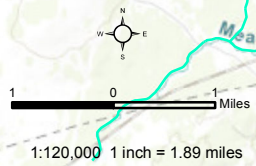
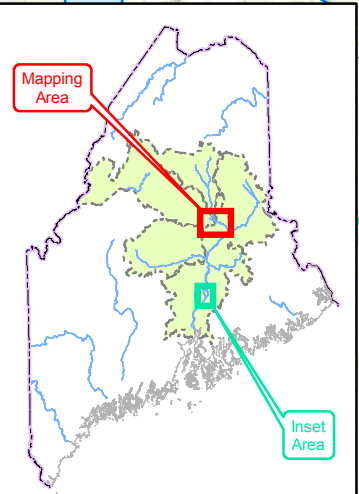
Attachments

PIN WRP Water Quality Monitoring Sites

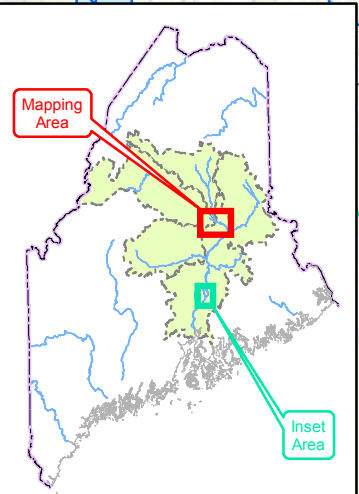
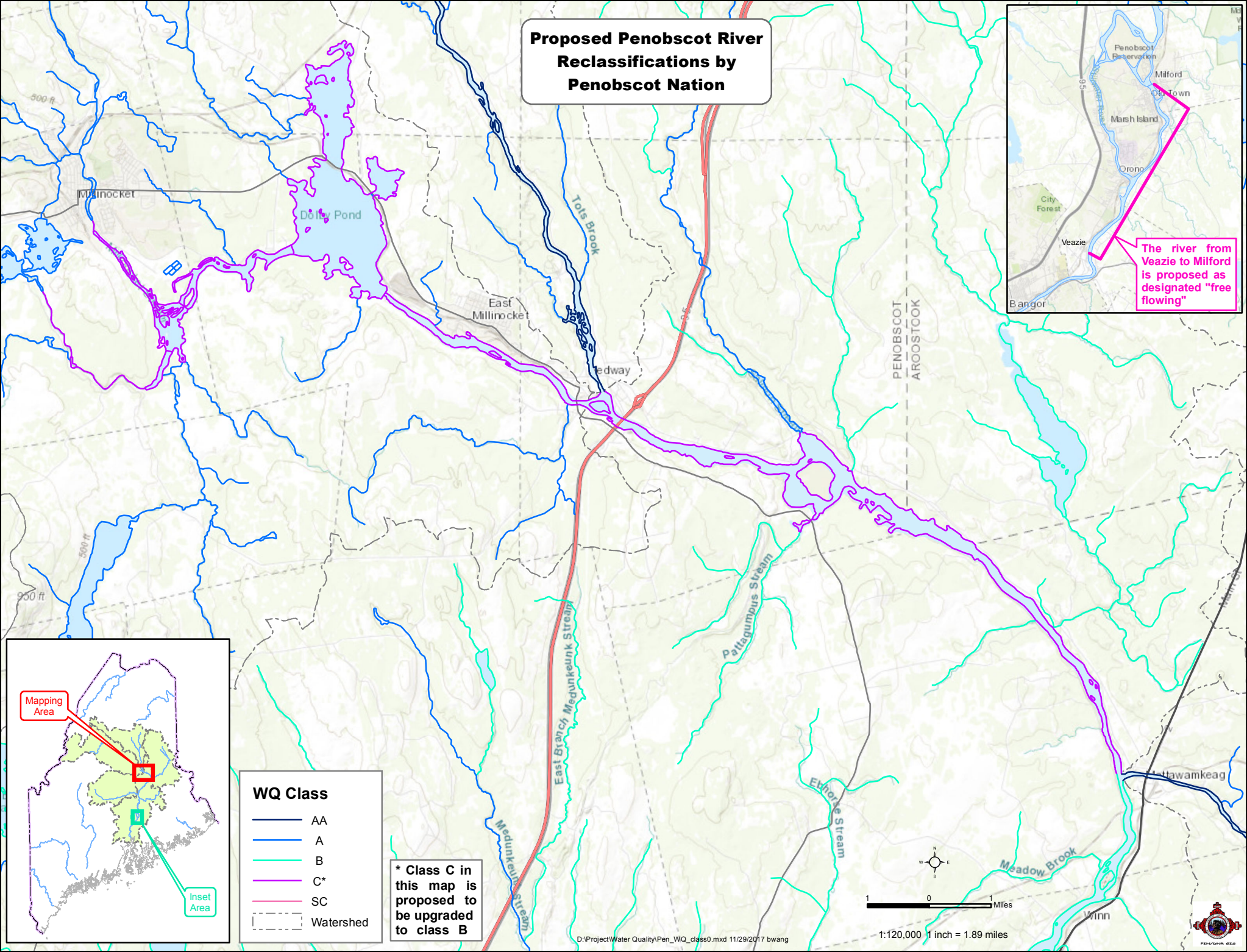
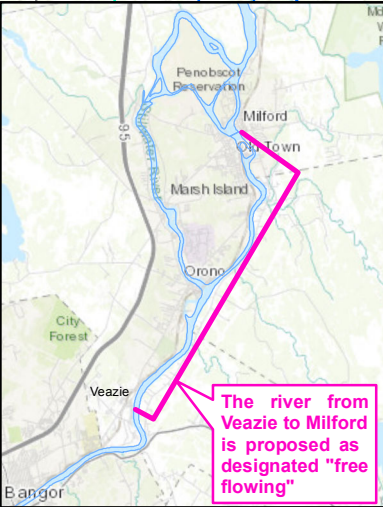


- WQ Monitoring Sites**
- Main Stem
 - ▲ Tributaries
- WQ Class**
- AA
 - A
 - B
 - C*
 - SC
 - - - Watershed

* Class C in this map is proposed to be upgraded to class B



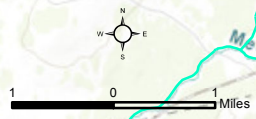
Proposed Penobscot River Reclassifications by Penobscot Nation



WQ Class

—	AA
—	A
—	B
—	C*
—	SC
- - -	Watershed

* Class C in this map is proposed to be upgraded to class B



Summary Results of Field and Laboratory Data

Lower West Branch-Upper Main Stem Penobscot River

Between 06/06/2013 And 10/18/2017

	Temperature (C)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (% saturation)	BOD (mg/L)	Conductivity (us/cm)	E. coli -Idexx (MPN)	Coliform -Idexx (MPN)	Turbidity (NTU)	TSS (mg/L)	Secchi depth (m)	Chlorophyll a (ug/L)	pH	Total P (ug/L)	SRP (ug/L)
DC1	West Branch Penobscot River - Downriver of Millinocket Municipal WWTP Discharge Deadman's Curve													
n=	24	24	24	20	22	22	22	21		4 *N/A	3	5	3	
Avg	21.15	8.46	95.02	0.38	25.37	32.32	1529.27	0.58		7.59	1.77	7.01	6.00	
Min	15.30	7.88	91.83	0.11	23.00	4.00	313.00	0.32		2.20	1.10	6.97	6.00	
Max	23.50	9.55	98.67	1.19	27.10	93.00	2420.00	0.99		21.50	2.20	7.07	6.00	
DP1	West Branch Penobscot River - Dolby Pond Impoundment - Near Inlet													
n=	15	15	15	15	16	16	16	15		13 *N/A		4		
Avg	21.27	8.19	92.19	0.60	25.61	13.19	816.38	0.57		2.00		6.94		
Min	16.20	7.67	88.91	0.43	24.00	1.00	194.00	0.38		1.80		6.90		
Max	24.60	9.10	95.96	0.97	28.50	46.00	1553.00	0.75		2.45		6.97		
DP2	West Branch Penobscot River - Dolby Pond Impoundment - Deep Hole													
n=	31	31	31	20	22	22	22	21		26 *N/A	3	4	3	
Avg	21.65	8.34	94.65	5.35	25.50	3.18	248.14	0.70		4.65	3.10	6.98	6.67	
Min	14.60	7.65	85.51	0.01	23.70	1.00	69.00	0.45		3.65	2.40	6.92	6.00	
Max	26.00	9.42	104.52	96.71	27.50	17.00	548.00	1.21		5.58	4.10	7.01	8.00	

	Temperature (C)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (% saturation)	BOD (mg/L)	Conductivity (uS/cm)	E. coli -Index (MPN)	Coliform -Index (MPN)	Turbidity (NTU)	TSS (mg/L)	Secchi depth (m)	Chlorophyll a (ug/L)	pH	Total P (ug/L)	SRP (ug/L)
DP3	West Branch Penobscot River - Dolby Pond Impoundment - Near Dam													
n=	29	29	29	20	21	21	21	21		27	*N/A	6	4	6
Avg	21.51	8.38	94.67	0.61	25.70	9.10	633.29	0.64		4.83	2.75	6.96	7.28	
Min	15.40	7.67	88.86	0.41	23.60	2.00	194.00	0.43		3.64	2.20	6.93	5.50	
Max	27.00	9.49	103.16	1.24	28.20	35.00	1203.00	0.87		5.99	3.80	7.00	9.60	
EM1	West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Left													
n=	16	16	16	15	16	16	16	16		*N/A		5		
Avg	21.04	8.22	92.02	0.58	29.10	14.19	940.69	0.64				6.87		
Min	16.20	7.55	88.51	0.35	23.80	3.00	461.00	0.43				6.77		
Max	23.30	9.53	98.60	0.96	68.40	28.00	2420.00	0.95				6.93		
EM2	West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Right													
n=	15	15	15	14	15	15	15	15		*N/A		5		
Avg	20.91	8.38	93.52	0.54	25.69	11.33	786.40	0.60				6.91		
Min	16.10	7.59	88.96	0.25	23.60	3.00	365.00	0.38				6.84		
Max	23.30	9.90	102.02	1.11	27.30	27.00	2420.00	0.92				7.01		
MI1	West Branch Penobscot River - Rockabema (Medway) Impoundment - Upper													
n=	15	15	15	14	15	15	15	15		2	*N/A	5		
Avg	20.95	8.25	92.23	0.73	26.57	13.07	931.13	0.65		2.75		6.89		
Min	16.20	7.56	88.46	0.28	24.20	5.00	411.00	0.41		2.70		6.83		
Max	23.40	9.44	97.88	2.51	29.10	26.00	1733.00	0.95		2.80		6.95		

	Temperature (C)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (% saturation)	BOD (mg/L)	Conductivity (uS/cm)	E. coli -Index (MPN)	Coliform -Index (MPN)	Turbidity (NTU)	TSS (mg/L)	Secchi depth (m)	Chlorophyll a (ug/L)	pH	Total P (ug/L)	SRP (ug/L)
MI2	West Branch Penobscot River - Rockabema (Medway) Impoundment - River Right													
n=	15	15	15	14	15	15	15	15		13	*N/A		5	
Avg	20.87	8.33	92.90	0.62	25.86	9.87	734.27	0.58		3.25		6.86		
Min	16.00	7.65	87.44	0.30	23.90	3.00	249.00	0.44		2.40		6.69		
Max	23.50	9.70	100.46	1.84	27.70	23.00	1203.00	1.04		4.65		6.96		
MI3	West Branch Penobscot River - Rockabema (Medway) Impoundment - River Left													
n=	16	16	16	15	16	16	16	16		12	*N/A		5	
Avg	21.02	8.19	91.60	0.62	26.43	10.75	735.25	0.63		4.69		6.87		
Min	16.00	7.59	86.76	0.29	23.90	3.00	326.00	0.41		3.48		6.79		
Max	23.50	9.45	98.18	1.44	28.20	25.00	1733.00	1.04		5.71		6.92		
MS1	Penobscot River - Just Downriver of I-95 Bridge and East and West Branch Confluence													
n=	20	20	19	20	20	21	21	18		1	*N/A		3	
Avg	21.46	8.26	93.50	0.51	27.48	28.57	1075.14	0.79		4.83		6.87		
Min	18.80	7.54	90.11	0.23	22.00	4.00	303.00	0.45		4.83		6.79		
Max	24.50	9.03	102.82	1.07	33.80	214.00	2420.00	2.19		4.83		6.99		
MW1	Penobscot River - Just Upriver of Mattawamkeag River Confluence													
n=	21	21	20	19	21	21	21	20			*N/A		5	
Avg	20.70	8.48	94.27	0.63	30.81	35.67	1339.38	1.01				6.91		
Min	17.70	8.01	88.45	0.22	27.10	8.00	435.00	0.45				6.84		
Max	23.40	9.80	102.88	1.11	44.50	129.00	2420.00	2.67				6.97		

	Temperature (C)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (% saturation)	BOD (mg/L)	Conductivity (uS/cm)	E. coli -Index (MPN)	Coliform -Index (MPN)	Turbidity (NTU)	TSS (mg/L)	Secchi depth (m)	Chlorophyll a (ug/L)	pH	Total P (ug/L)	SRP (ug/L)
WB1	West Branch Penobscot River - Downriver of Rockabema (Medway) Dam - River Left													
n=	19	19	18	18	18	19	19	16		*N/A		3		
Avg	21.57	8.17	92.72	0.50	25.84	12.79	942.63	0.64				6.79		
Min	18.40	7.39	86.15	0.20	23.00	4.00	416.00	0.41				6.68		
Max	24.40	9.15	101.88	0.88	28.20	28.00	2420.00	0.96				6.87		
WBU1	West Branch Penobscot River - Upriver of Route 11 Bridge													
n=	25	25	25	22	23	23	23	22		*N/A	4	6	4	
Avg	20.91	8.40	93.89	0.40	24.96	8.57	764.87	0.50			2.13	7.00	6.10	
Min	15.00	7.85	90.30	0.17	22.50	1.00	196.00	0.35			1.80	6.90	5.40	
Max	23.70	9.61	99.85	1.10	28.70	31.00	2420.00	0.92			2.40	7.13	7.00	
WD1	Penobscot River - Weldon (Mattaseunk) Impoundment - River Left													
n=	18	18	17	18	19	19	19	17		18	*N/A		3	
Avg	22.14	8.25	94.73	0.61	28.18	7.89	460.95	0.76		4.32		7.30		
Min	18.10	7.78	87.23	0.32	25.00	1.00	186.00	0.45		3.38		6.96		
Max	25.80	9.14	101.04	0.93	35.60	32.00	1986.00	1.06		5.43		7.92		
WD2	Penobscot River - Weldon (Mattaseunk) Impoundment - River Right													
n=	16	16	15	15	16	16	16	14		16	*N/A		3	
Avg	22.88	8.14	94.84	0.57	27.92	5.25	498.63	0.74		4.19		6.94		
Min	19.30	7.81	91.10	0.34	25.00	1.00	228.00	0.51		2.40		6.88		
Max	26.20	8.64	99.82	0.98	29.80	24.00	921.00	0.97		5.42		7.02		

	Temperature (C)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (% saturation)	BOD (mg/L)	Conductivity (uS/cm)	E. coli -Idexx (MPN)	Coliform -Idexx (MPN)	Turbidity (NTU)	TSS (mg/L)	Secchi depth (m)	Chlorophyll a (ug/L)	pH	Total P (ug/L)	SRP (ug/L)
WD3	Penobscot River - Downriver of Weldon (Mattaseunk) Dam													
<i>n=</i>	19	19	18	19	19	19	19	17		<i>*N/A</i>		3		
Avg	22.07	8.23	94.36	0.52	28.17	11.47	952.89	0.81				6.87		
Min	19.10	7.62	89.83	0.21	25.00	2.00	403.00	0.50				6.82		
Max	25.00	9.20	105.83	0.88	30.70	45.00	2420.00	1.59				6.94		

Detailed Results of Field and Laboratory Data

Lower West Branch-Upper Main Stem Penobscot River

Between 06/06/2013 And 10/18/2017

DC1

West Branch Penobscot River - Downriver of Millinocket Municipal WWTP Discharge
Deadman's Curve

pH (None)

6/15/2017 9:11:49 AM	7.07
7/13/2017 9:30:33 AM	6.97
8/23/2017 10:55:44 AM	7.00
8/30/2017 9:50:27 AM	6.97
9/13/2017 10:00:24 AM	7.02

Temperature - water (deg C)

6/12/2013 7:37:11 AM	15.30
7/10/2013 9:19:02 AM	22.50
8/1/2013 7:43:00 AM	22.20
8/7/2013 12:30:30 PM	22.70
8/21/2013 11:03:27 AM	23.20
7/9/2014 7:31:38 AM	21.10
7/24/2014 8:18:10 AM	23.50
8/6/2014 7:35:25 AM	23.10
8/20/2014 12:58:59 PM	22.80
8/28/2014 9:57:34 AM	22.90
9/17/2014 10:14:00 AM	16.90
6/18/2015 7:26:45 AM	17.90
7/8/2015 7:44:22 AM	21.60
7/22/2015 7:30:33 AM	21.20
8/13/2015 8:00:50 AM	21.50
9/9/2015 9:16:30 AM	23.00
7/20/2016 9:21:22 AM	21.30
8/10/2016 9:12:31 AM	22.30
9/7/2016 9:15:50 AM	22.20
6/15/2017 9:11:49 AM	17.90
7/13/2017 9:30:33 AM	21.20
8/23/2017 10:55:44 AM	22.50
8/30/2017 9:50:27 AM	20.40
9/13/2017 10:00:24 AM	18.50

Dissolved Oxygen	(mg/l)
6/12/2013 7:37:11 AM	9.20
7/10/2013 9:19:02 AM	8.14
8/1/2013 7:43:00 AM	8.10
8/7/2013 12:30:30 PM	8.51
8/21/2013 11:03:27 AM	8.36
7/9/2014 7:31:38 AM	8.29
7/24/2014 8:18:10 AM	7.95
8/6/2014 7:35:25 AM	7.88
8/20/2014 12:58:59 PM	8.43
8/28/2014 9:57:34 AM	8.22
9/17/2014 10:14:00 AM	9.55
6/18/2015 7:26:45 AM	9.10
7/8/2015 7:44:22 AM	8.22
7/22/2015 7:30:33 AM	8.34
8/13/2015 8:00:50 AM	8.22
9/9/2015 9:16:30 AM	8.01
7/20/2016 9:21:22 AM	8.62
8/10/2016 9:12:31 AM	8.42
9/7/2016 9:15:50 AM	8.34
6/15/2017 9:11:49 AM	9.36
7/13/2017 9:30:33 AM	8.31
8/23/2017 10:55:44 AM	8.19
8/30/2017 9:50:27 AM	8.44
9/13/2017 10:00:24 AM	8.85

Dissolved Oxygen - Percent Saturation	(%)
6/12/2013 7:37:11 AM	91.83
7/10/2013 9:19:02 AM	93.99
8/1/2013 7:43:00 AM	92.99
8/7/2013 12:30:30 PM	98.64
8/21/2013 11:03:27 AM	97.83
7/9/2014 7:31:38 AM	93.17
7/24/2014 8:18:10 AM	93.56
8/6/2014 7:35:25 AM	92.03
8/20/2014 12:58:59 PM	97.90
8/28/2014 9:57:34 AM	95.64
9/17/2014 10:14:00 AM	98.61
6/18/2015 7:26:45 AM	95.93
7/8/2015 7:44:22 AM	93.29
7/22/2015 7:30:33 AM	93.92
8/13/2015 8:00:50 AM	93.11
9/9/2015 9:16:30 AM	93.38
7/20/2016 9:21:22 AM	97.26
8/10/2016 9:12:31 AM	96.85
9/7/2016 9:15:50 AM	95.75
6/15/2017 9:11:49 AM	98.67
7/13/2017 9:30:33 AM	93.58
8/23/2017 10:55:44 AM	94.57
8/30/2017 9:50:27 AM	93.56
9/13/2017 10:00:24 AM	94.44

Biochemical Oxygen Demand - 5 Day	(mg/l)
6/12/2013 7:37:11 AM	1.19
7/10/2013 9:19:02 AM	0.48
8/1/2013 7:43:00 AM	0.28
8/21/2013 11:03:27 AM	0.21
7/9/2014 7:31:38 AM	0.22
7/24/2014 8:18:10 AM	0.32
8/6/2014 7:35:25 AM	0.11
8/28/2014 9:57:34 AM	0.15
6/18/2015 7:26:45 AM	0.43
7/8/2015 7:44:22 AM	0.34
7/22/2015 7:30:33 AM	0.24
8/13/2015 8:00:50 AM	0.30
9/9/2015 9:16:30 AM	0.25
7/20/2016 9:21:22 AM	0.53
8/10/2016 9:12:31 AM	0.37
9/7/2016 9:15:50 AM	0.33
6/15/2017 9:11:49 AM	0.94
7/13/2017 9:30:33 AM	0.47
8/23/2017 10:55:44 AM	0.29
9/13/2017 10:00:24 AM	0.22

Conductivity	(uS/cm)
6/12/2013 7:37:11 AM	25.90
7/10/2013 9:19:02 AM	25.60
8/1/2013 7:43:00 AM	26.40
8/21/2013 11:03:27 AM	26.90
7/9/2014 7:31:38 AM	24.20
7/24/2014 8:18:10 AM	24.50
8/6/2014 7:35:25 AM	24.90
8/28/2014 9:57:34 AM	25.40
9/17/2014 10:14:00 AM	25.30
6/18/2015 7:26:45 AM	26.90
7/8/2015 7:44:22 AM	25.50
7/22/2015 7:30:33 AM	25.40
8/13/2015 8:00:50 AM	25.80
9/9/2015 9:16:30 AM	26.20
7/20/2016 9:21:22 AM	24.40
8/10/2016 9:12:31 AM	27.10
9/7/2016 9:15:50 AM	27.00
6/15/2017 9:11:49 AM	25.40
7/13/2017 9:30:33 AM	23.00
8/23/2017 10:55:44 AM	24.00
8/30/2017 9:50:27 AM	24.60
9/13/2017 10:00:24 AM	23.70

E. coli	(MPN)
6/12/2013 7:37:11 AM	75.00
7/10/2013 9:19:02 AM	22.00
8/1/2013 7:43:00 AM	63.00
8/21/2013 11:03:27 AM	25.00
7/9/2014 7:31:38 AM	27.00
7/24/2014 8:18:10 AM	40.00
8/6/2014 7:35:25 AM	93.00
8/28/2014 9:57:34 AM	21.00
9/17/2014 10:14:00 AM	11.00
6/18/2015 7:26:45 AM	39.00
7/8/2015 7:44:22 AM	51.00
7/22/2015 7:30:33 AM	36.00
8/13/2015 8:00:50 AM	29.00
9/9/2015 9:16:30 AM	17.00
7/20/2016 9:21:22 AM	44.00
8/10/2016 9:12:31 AM	12.00
9/7/2016 9:15:50 AM	18.00
6/15/2017 9:11:49 AM	10.00
7/13/2017 9:30:33 AM	24.00
8/23/2017 10:55:44 AM	33.00
8/30/2017 9:50:27 AM	17.00
9/13/2017 10:00:24 AM	4.00

Coliform	(MPN)
6/12/2013 7:37:11 AM	1300.00
7/10/2013 9:19:02 AM	1986.00
8/1/2013 7:43:00 AM	2420.00
8/21/2013 11:03:27 AM	2420.00
7/9/2014 7:31:38 AM	1733.00
7/24/2014 8:18:10 AM	1986.00
8/6/2014 7:35:25 AM	1414.00
8/28/2014 9:57:34 AM	2420.00
9/17/2014 10:14:00 AM	1986.00
6/18/2015 7:26:45 AM	770.00
7/8/2015 7:44:22 AM	2420.00
7/22/2015 7:30:33 AM	1300.00
8/13/2015 8:00:50 AM	1733.00
9/9/2015 9:16:30 AM	770.00
7/20/2016 9:21:22 AM	1300.00
8/10/2016 9:12:31 AM	1414.00
9/7/2016 9:15:50 AM	1120.00
6/15/2017 9:11:49 AM	866.00
7/13/2017 9:30:33 AM	1553.00
8/23/2017 10:55:44 AM	1120.00
8/30/2017 9:50:27 AM	1300.00
9/13/2017 10:00:24 AM	313.00

Turbidity	(NTU)
6/12/2013 7:37:11 AM	0.83
7/10/2013 9:19:02 AM	0.99
8/1/2013 7:43:00 AM	0.59
8/21/2013 11:03:27 AM	0.48
7/24/2014 8:18:10 AM	0.57
8/6/2014 7:35:25 AM	0.55
8/28/2014 9:57:34 AM	0.53
9/17/2014 10:14:00 AM	0.78
6/18/2015 7:26:45 AM	0.71
7/8/2015 7:44:22 AM	0.57
7/22/2015 7:30:33 AM	0.65
8/13/2015 8:00:50 AM	0.57
9/9/2015 9:16:30 AM	0.42
7/20/2016 9:21:22 AM	0.44
8/10/2016 9:12:31 AM	0.42
9/7/2016 9:15:50 AM	0.41
6/15/2017 9:11:49 AM	0.83
7/13/2017 9:30:33 AM	0.50
8/23/2017 10:55:44 AM	0.46
8/30/2017 9:50:27 AM	0.32
9/13/2017 10:00:24 AM	0.57
Secchi Depth	(m)
8/1/2013 7:43:00 AM	4.17
6/18/2015 7:26:45 AM	2.50
7/8/2015 7:44:22 AM	2.20
7/20/2016 9:21:22 AM	21.50

DC1West Branch Penobscot River - Downriver of Millinocket Municipal WWTP Discharge
Deadman's Curve

Site Depth	(m)
6/12/2013 7:37:11 AM	2.40
7/10/2013 9:19:02 AM	2.30
8/1/2013 7:43:00 AM	2.50
8/7/2013 12:30:30 PM	1.90
8/21/2013 11:03:27 AM	2.30
7/9/2014 7:31:38 AM	2.20
7/24/2014 8:18:10 AM	2.30
8/6/2014 7:35:25 AM	2.30
8/20/2014 12:58:59 PM	1.90
8/28/2014 9:57:34 AM	2.00
9/17/2014 10:14:00 AM	1.90
6/18/2015 7:26:45 AM	2.50
7/8/2015 7:44:22 AM	2.20
7/22/2015 7:30:33 AM	2.00
8/13/2015 8:00:50 AM	2.30
9/9/2015 9:16:30 AM	2.40
7/20/2016 9:21:22 AM	2.00
8/10/2016 9:12:31 AM	1.90
9/7/2016 9:15:50 AM	2.20
6/15/2017 9:11:49 AM	1.80
7/13/2017 9:30:33 AM	1.70
8/23/2017 10:55:44 AM	2.30
8/30/2017 9:50:27 AM	2.00
9/13/2017 10:00:24 AM	2.50

Chlorophyll a	(ug/l)
8/6/2014 7:35:25 AM	2.20
8/28/2014 9:57:34 AM	1.10
7/8/2015 7:44:22 AM	2.00

Total Phosphorus	(ug/l)
8/6/2014 7:35:25 AM	6.00
8/28/2014 9:57:34 AM	6.00
7/8/2015 7:44:22 AM	6.00

DP1

West Branch Penobscot River - Dolby Pond Impoundment - Near Inlet

pH	(None)
6/15/2017 8:54:36 AM	6.97
8/23/2017 10:29:58 AM	6.90
8/30/2017 9:30:33 AM	6.93
9/13/2017 9:40:34 AM	6.95

Temperature - water	(deg C)
6/12/2013 8:47:59 AM	16.20
8/1/2013 7:56:36 AM	22.50
8/21/2013 11:24:36 AM	23.40
7/9/2014 7:53:44 AM	21.60
7/24/2014 9:35:45 AM	24.60
6/18/2015 7:45:37 AM	18.90
7/22/2015 8:47:55 AM	21.40
8/13/2015 8:21:34 AM	21.50
9/9/2015 9:31:25 AM	23.60
8/10/2016 8:54:04 AM	22.90
9/7/2016 8:58:54 AM	22.30
6/15/2017 8:54:36 AM	18.90
8/23/2017 10:29:58 AM	22.10
8/30/2017 9:30:33 AM	20.60
9/13/2017 9:40:34 AM	18.50

Dissolved Oxygen	(mg/l)
6/12/2013 8:47:59 AM	9.10
8/1/2013 7:56:36 AM	7.70
8/21/2013 11:24:36 AM	7.94
7/9/2014 7:53:44 AM	8.23
7/24/2014 9:35:45 AM	7.83
6/18/2015 7:45:37 AM	8.77
7/22/2015 8:47:55 AM	8.15
8/13/2015 8:21:34 AM	7.94
9/9/2015 9:31:25 AM	7.72
8/10/2016 8:54:04 AM	7.67
9/7/2016 8:58:54 AM	7.92
6/15/2017 8:54:36 AM	8.92
8/23/2017 10:29:58 AM	8.01
8/30/2017 9:30:33 AM	8.40
9/13/2017 9:40:34 AM	8.58

Dissolved Oxygen - Percent Saturation	(%)
6/12/2013 8:47:59 AM	92.59
8/1/2013 7:56:36 AM	88.91
8/21/2013 11:24:36 AM	93.26
7/9/2014 7:53:44 AM	93.40
7/24/2014 9:35:45 AM	94.06
6/18/2015 7:45:37 AM	94.35
7/22/2015 8:47:55 AM	92.13
8/13/2015 8:21:34 AM	89.93
9/9/2015 9:31:25 AM	91.02
8/10/2016 8:54:04 AM	89.24
9/7/2016 8:58:54 AM	91.10
6/15/2017 8:54:36 AM	95.96
8/23/2017 10:29:58 AM	91.79
8/30/2017 9:30:33 AM	93.49
9/13/2017 9:40:34 AM	91.56
Biochemical Oxygen Demand - 5 Day	(mg/l)
6/12/2013 8:47:59 AM	0.97
8/1/2013 7:56:36 AM	0.55
8/21/2013 11:24:36 AM	0.54
7/9/2014 7:53:44 AM	0.69
7/24/2014 9:35:45 AM	0.66
8/6/2014 7:59:16 AM	0.45
6/18/2015 7:45:37 AM	0.79
7/22/2015 8:47:55 AM	0.58
8/13/2015 8:21:34 AM	0.56
9/9/2015 9:31:25 AM	0.55
8/10/2016 8:54:04 AM	0.60
9/7/2016 8:58:54 AM	0.43
6/15/2017 8:54:36 AM	0.73
8/23/2017 10:29:58 AM	0.49
9/13/2017 9:40:34 AM	0.44

Conductivity	(uS/cm)
6/12/2013 8:47:59 AM	25.90
8/1/2013 7:56:36 AM	26.30
8/21/2013 11:24:36 AM	26.40
7/9/2014 7:53:44 AM	24.70
7/24/2014 9:35:45 AM	24.90
8/6/2014 7:59:16 AM	24.60
6/18/2015 7:45:37 AM	28.50
7/22/2015 8:47:55 AM	25.80
8/13/2015 8:21:34 AM	26.20
9/9/2015 9:31:25 AM	26.10
8/10/2016 8:54:04 AM	26.70
9/7/2016 8:58:54 AM	26.90
6/15/2017 8:54:36 AM	24.10
8/23/2017 10:29:58 AM	24.20
8/30/2017 9:30:33 AM	24.50
9/13/2017 9:40:34 AM	24.00
E. coli	(MPN)
6/12/2013 8:47:59 AM	9.00
8/1/2013 7:56:36 AM	36.00
8/21/2013 11:24:36 AM	16.00
7/9/2014 7:53:44 AM	46.00
7/24/2014 9:35:45 AM	3.00
8/6/2014 7:59:16 AM	6.00
6/18/2015 7:45:37 AM	11.00
7/22/2015 8:47:55 AM	22.00
8/13/2015 8:21:34 AM	14.00
9/9/2015 9:31:25 AM	6.00
8/10/2016 8:54:04 AM	1.00
9/7/2016 8:58:54 AM	7.00
6/15/2017 8:54:36 AM	3.00
8/23/2017 10:29:58 AM	11.00
8/30/2017 9:30:33 AM	8.00
9/13/2017 9:40:34 AM	12.00

Coliform	(MPN)
6/12/2013 8:47:59 AM	579.00
8/1/2013 7:56:36 AM	1120.00
8/21/2013 11:24:36 AM	1553.00
7/9/2014 7:53:44 AM	1553.00
7/24/2014 9:35:45 AM	866.00
8/6/2014 7:59:16 AM	411.00
6/18/2015 7:45:37 AM	727.00
7/22/2015 8:47:55 AM	1203.00
8/13/2015 8:21:34 AM	770.00
9/9/2015 9:31:25 AM	1046.00
8/10/2016 8:54:04 AM	249.00
9/7/2016 8:58:54 AM	727.00
6/15/2017 8:54:36 AM	194.00
8/23/2017 10:29:58 AM	1046.00
8/30/2017 9:30:33 AM	501.00
9/13/2017 9:40:34 AM	517.00
Turbidity	(NTU)
6/12/2013 8:47:59 AM	0.75
8/1/2013 7:56:36 AM	0.67
8/21/2013 11:24:36 AM	0.45
7/24/2014 9:35:45 AM	0.73
8/6/2014 7:59:16 AM	0.69
6/18/2015 7:45:37 AM	0.64
7/22/2015 8:47:55 AM	0.64
8/13/2015 8:21:34 AM	0.49
9/9/2015 9:31:25 AM	0.46
8/10/2016 8:54:04 AM	0.59
9/7/2016 8:58:54 AM	0.48
6/15/2017 8:54:36 AM	0.73
8/23/2017 10:29:58 AM	0.43
8/30/2017 9:30:33 AM	0.38
9/13/2017 9:40:34 AM	0.45

DP1

West Branch Penobscot River - Dolby Pond Impoundment - Near Inlet

Secchi Depth	(m)
6/12/2013 8:47:59 AM	1.80
8/1/2013 7:56:36 AM	1.95
8/21/2013 11:24:36 AM	2.13
7/9/2014 7:53:44 AM	1.95
7/24/2014 9:35:45 AM	1.81
6/18/2015 7:45:37 AM	2.01
7/22/2015 8:47:55 AM	2.45
8/13/2015 8:21:34 AM	1.97
9/9/2015 9:31:25 AM	1.85
6/15/2017 8:54:36 AM	2.15
8/23/2017 10:29:58 AM	1.95
8/30/2017 9:30:33 AM	1.99
9/13/2017 9:40:34 AM	2.01

Site Depth	(m)
6/12/2013 8:47:59 AM	1.80
8/1/2013 7:56:36 AM	1.95
8/21/2013 11:24:36 AM	2.13
7/9/2014 7:53:44 AM	1.95
7/24/2014 9:35:45 AM	1.81
8/6/2014 7:59:16 AM	1.85
6/18/2015 7:45:37 AM	2.01
7/22/2015 8:47:55 AM	2.45
8/13/2015 8:21:34 AM	1.97
9/9/2015 9:31:25 AM	1.85
8/10/2016 8:54:04 AM	1.90
9/7/2016 8:58:54 AM	1.95
6/15/2017 8:54:36 AM	2.15
8/23/2017 10:29:58 AM	1.95
8/30/2017 9:30:33 AM	1.99
9/13/2017 9:40:34 AM	2.01

DP2

West Branch Penobscot River - Dolby Pond Impoundment - Deep Hole

pH	(None)
6/15/2017 8:02:23 AM	7.00
8/23/2017 9:16:29 AM	7.01
8/30/2017 8:38:16 AM	7.00
9/13/2017 8:39:02 AM	6.92

Temperature - water	(deg C)
6/12/2013 8:23:36 AM	15.90
6/19/2013 10:20:45 AM	18.10
7/10/2013 9:43:24 AM	24.00
7/15/2013 9:28:54 AM	26.00
7/17/2013 11:11:02 AM	25.50
8/1/2013 8:32:23 AM	23.20
8/7/2013 10:48:07 AM	23.00
8/14/2013 10:51:07 AM	21.90
8/21/2013 11:56:06 AM	24.00
9/18/2013 10:37:39 AM	17.50
10/10/2013 9:20:44 AM	14.60
7/9/2014 8:11:59 AM	22.20
7/24/2014 8:38:58 AM	24.40
8/6/2014 9:00:34 AM	24.00
8/20/2014 11:23:38 AM	23.30
8/28/2014 8:19:21 AM	23.50
9/2/2014 10:45:25 AM	22.10
9/17/2014 9:00:03 AM	17.20
6/18/2015 8:04:08 AM	19.20
7/8/2015 9:12:00 AM	23.00
7/22/2015 7:55:57 AM	22.00
8/13/2015 8:41:41 AM	22.40
9/9/2015 9:44:26 AM	23.20
7/20/2016 8:45:07 AM	22.40
8/10/2016 8:21:25 AM	22.80
9/7/2016 8:02:10 AM	22.60
6/15/2017 8:02:23 AM	19.10
7/13/2017 8:11:32 AM	22.20
8/23/2017 9:16:29 AM	22.40
8/30/2017 8:38:16 AM	21.00
9/13/2017 8:39:02 AM	18.60

Dissolved Oxygen	(mg/l)
6/12/2013 8:23:36 AM	9.20
6/19/2013 10:20:45 AM	9.19
7/10/2013 9:43:24 AM	8.30
7/15/2013 9:28:54 AM	8.48
7/17/2013 11:11:02 AM	7.99
8/1/2013 8:32:23 AM	8.10
8/7/2013 10:48:07 AM	7.77
8/14/2013 10:51:07 AM	7.94
8/21/2013 11:56:06 AM	8.50
9/18/2013 10:37:39 AM	8.53
10/10/2013 9:20:44 AM	9.42
7/9/2014 8:11:59 AM	8.20
7/24/2014 8:38:58 AM	7.93
8/6/2014 9:00:34 AM	8.34
8/20/2014 11:23:38 AM	8.11
8/28/2014 8:19:21 AM	8.11
9/2/2014 10:45:25 AM	8.19
9/17/2014 9:00:03 AM	8.23
6/18/2015 8:04:08 AM	9.01
7/8/2015 9:12:00 AM	8.58
7/22/2015 7:55:57 AM	7.88
8/13/2015 8:41:41 AM	8.09
9/9/2015 9:44:26 AM	8.07
7/20/2016 8:45:07 AM	7.95
8/10/2016 8:21:25 AM	7.65
9/7/2016 8:02:10 AM	8.40
6/15/2017 8:02:23 AM	8.96
7/13/2017 8:11:32 AM	8.22
8/23/2017 9:16:29 AM	8.19
8/30/2017 8:38:16 AM	8.48
9/13/2017 8:39:02 AM	8.67

Dissolved Oxygen - Percent Saturation	(%)
6/12/2013 8:23:36 AM	93.01
6/19/2013 10:20:45 AM	97.27
7/10/2013 9:43:24 AM	98.60
7/15/2013 9:28:54 AM	104.52
7/17/2013 11:11:02 AM	97.58
8/1/2013 8:32:23 AM	94.78
8/7/2013 10:48:07 AM	90.58
8/14/2013 10:51:07 AM	90.63
8/21/2013 11:56:06 AM	100.97
9/18/2013 10:37:39 AM	89.18
10/10/2013 9:20:44 AM	92.61
7/9/2014 8:11:59 AM	94.14
7/24/2014 8:38:58 AM	94.91
8/6/2014 9:00:34 AM	99.07
8/20/2014 11:23:38 AM	95.08
8/28/2014 8:19:21 AM	95.44
9/2/2014 10:45:25 AM	93.85
9/17/2014 9:00:03 AM	85.51
6/18/2015 8:04:08 AM	97.52
7/8/2015 9:12:00 AM	100.02
7/22/2015 7:55:57 AM	90.12
8/13/2015 8:41:41 AM	93.24
9/9/2015 9:44:26 AM	94.43
7/20/2016 8:45:07 AM	91.62
8/10/2016 8:21:25 AM	88.84
9/7/2016 8:02:10 AM	97.18
6/15/2017 8:02:23 AM	96.79
7/13/2017 8:11:32 AM	94.37
8/23/2017 9:16:29 AM	94.39
8/30/2017 8:38:16 AM	95.12
9/13/2017 8:39:02 AM	92.71

Biochemical Oxygen Demand - 5 Day	(mg/l)
6/12/2013 8:23:36 AM	96.71
7/10/2013 9:43:24 AM	0.67
8/1/2013 8:32:23 AM	0.54
7/9/2014 8:11:59 AM	0.69
7/24/2014 8:38:58 AM	0.70
8/6/2014 9:00:34 AM	0.30
8/28/2014 8:19:21 AM	0.56
9/17/2014 9:00:03 AM	0.01
6/18/2015 8:04:08 AM	0.81
7/8/2015 9:12:00 AM	0.55
7/22/2015 7:55:57 AM	0.42
8/13/2015 8:41:41 AM	0.47
9/9/2015 9:44:26 AM	0.51
7/20/2016 8:45:07 AM	0.78
8/10/2016 8:21:25 AM	0.51
9/7/2016 8:02:10 AM	0.51
6/15/2017 8:02:23 AM	0.73
7/13/2017 8:11:32 AM	0.67
8/23/2017 9:16:29 AM	0.61
9/13/2017 8:39:02 AM	0.34

Conductivity	(uS/cm)
6/12/2013 8:23:36 AM	26.40
7/10/2013 9:43:24 AM	25.40
8/1/2013 8:32:23 AM	25.70
8/21/2013 11:56:06 AM	26.00
7/9/2014 8:11:59 AM	24.30
7/24/2014 8:38:58 AM	24.70
8/6/2014 9:00:34 AM	24.40
8/28/2014 8:19:21 AM	25.30
9/17/2014 9:00:03 AM	25.70
6/18/2015 8:04:08 AM	27.20
7/8/2015 9:12:00 AM	25.00
7/22/2015 7:55:57 AM	25.50
8/13/2015 8:41:41 AM	25.20
9/9/2015 9:44:26 AM	26.00
7/20/2016 8:45:07 AM	27.30
8/10/2016 8:21:25 AM	27.10
9/7/2016 8:02:10 AM	27.50
6/15/2017 8:02:23 AM	23.80
7/13/2017 8:11:32 AM	23.70
8/23/2017 9:16:29 AM	26.30
8/30/2017 8:38:16 AM	24.60
9/13/2017 8:39:02 AM	23.90

E. coli	(MPN)
6/12/2013 8:23:36 AM	1.00
7/10/2013 9:43:24 AM	7.00
8/1/2013 8:32:23 AM	3.00
8/21/2013 11:56:06 AM	1.00
7/9/2014 8:11:59 AM	4.00
7/24/2014 8:38:58 AM	17.00
8/6/2014 9:00:34 AM	1.00
8/28/2014 8:19:21 AM	4.00
9/17/2014 9:00:03 AM	1.00
6/18/2015 8:04:08 AM	1.00
7/8/2015 9:12:00 AM	1.00
7/22/2015 7:55:57 AM	1.00
8/13/2015 8:41:41 AM	5.00
9/9/2015 9:44:26 AM	1.00
7/20/2016 8:45:07 AM	1.00
8/10/2016 8:21:25 AM	2.00
9/7/2016 8:02:10 AM	2.00
6/15/2017 8:02:23 AM	1.00
7/13/2017 8:11:32 AM	8.00
8/23/2017 9:16:29 AM	1.00
8/30/2017 8:38:16 AM	4.00
9/13/2017 8:39:02 AM	3.00

Coliform	(MPN)
6/12/2013 8:23:36 AM	461.00
7/10/2013 9:43:24 AM	365.00
8/1/2013 8:32:23 AM	461.00
8/21/2013 11:56:06 AM	178.00
7/9/2014 8:11:59 AM	291.00
7/24/2014 8:38:58 AM	548.00
8/6/2014 9:00:34 AM	178.00
8/28/2014 8:19:21 AM	548.00
9/17/2014 9:00:03 AM	219.00
6/18/2015 8:04:08 AM	69.00
7/8/2015 9:12:00 AM	205.00
7/22/2015 7:55:57 AM	122.00
8/13/2015 8:41:41 AM	166.00
9/9/2015 9:44:26 AM	250.00
7/20/2016 8:45:07 AM	228.00
8/10/2016 8:21:25 AM	155.00
9/7/2016 8:02:10 AM	172.00
6/15/2017 8:02:23 AM	162.00
7/13/2017 8:11:32 AM	261.00
8/23/2017 9:16:29 AM	113.00
8/30/2017 8:38:16 AM	102.00
9/13/2017 8:39:02 AM	205.00

Turbidity	(NTU)
6/12/2013 8:23:36 AM	0.65
7/10/2013 9:43:24 AM	0.85
8/1/2013 8:32:23 AM	0.58
8/21/2013 11:56:06 AM	0.75
7/24/2014 8:38:58 AM	0.77
8/6/2014 9:00:34 AM	0.58
8/28/2014 8:19:21 AM	0.75
9/17/2014 9:00:03 AM	1.21
6/18/2015 8:04:08 AM	0.72
7/8/2015 9:12:00 AM	0.68
7/22/2015 7:55:57 AM	0.64
8/13/2015 8:41:41 AM	0.49
9/9/2015 9:44:26 AM	0.96
7/20/2016 8:45:07 AM	0.60
8/10/2016 8:21:25 AM	0.53
9/7/2016 8:02:10 AM	0.49
6/15/2017 8:02:23 AM	1.18
7/13/2017 8:11:32 AM	0.59
8/23/2017 9:16:29 AM	0.52
8/30/2017 8:38:16 AM	0.45
9/13/2017 8:39:02 AM	0.63

Secchi Depth	(m)
6/12/2013 8:23:36 AM	4.47
6/19/2013 10:20:45 AM	4.80
7/10/2013 9:43:24 AM	3.91
8/1/2013 8:32:23 AM	4.44
8/7/2013 10:48:07 AM	4.09
8/14/2013 10:51:07 AM	4.35
8/21/2013 11:56:06 AM	4.80
9/18/2013 10:37:39 AM	4.64
9/27/2013 11:44:55 AM	4.58
10/10/2013 9:20:44 AM	4.62
7/9/2014 8:11:59 AM	4.38
7/24/2014 8:38:58 AM	4.65
8/6/2014 9:00:34 AM	4.99
8/20/2014 11:23:38 AM	5.07
8/28/2014 8:19:21 AM	5.58
9/17/2014 9:00:03 AM	4.50
6/18/2015 8:04:08 AM	3.94
7/8/2015 9:12:00 AM	4.29
8/13/2015 8:41:41 AM	5.28
9/9/2015 9:44:26 AM	4.91
8/10/2016 8:21:25 AM	5.02
9/7/2016 8:02:10 AM	5.44
6/15/2017 8:02:23 AM	3.65
7/13/2017 8:11:32 AM	4.03
8/30/2017 8:38:16 AM	5.17
9/13/2017 8:39:02 AM	5.31

Site Depth	(m)
6/12/2013 8:23:36 AM	11.00
6/19/2013 10:20:45 AM	12.00
7/10/2013 9:43:24 AM	10.99
7/15/2013 9:28:54 AM	10.50
7/17/2013 11:11:02 AM	10.74
8/1/2013 8:32:23 AM	10.30
8/7/2013 10:48:07 AM	8.95
8/14/2013 10:51:07 AM	10.44
8/21/2013 11:56:06 AM	10.25
9/6/2013 12:32:32 PM	10.37
9/18/2013 10:37:39 AM	10.38
9/27/2013 11:44:55 AM	10.37
10/10/2013 9:20:44 AM	11.60
7/9/2014 8:11:59 AM	10.20
7/24/2014 8:38:58 AM	10.20
8/6/2014 9:00:34 AM	10.21
8/20/2014 11:23:38 AM	10.23
8/28/2014 8:19:21 AM	10.21
9/17/2014 9:00:03 AM	10.30
6/18/2015 8:04:08 AM	10.20
7/8/2015 9:12:00 AM	10.40
7/22/2015 7:55:57 AM	9.20
8/13/2015 8:41:41 AM	10.30
9/9/2015 9:44:26 AM	10.20
7/20/2016 8:45:07 AM	9.30
8/10/2016 8:21:25 AM	10.39
9/7/2016 8:02:10 AM	10.25
6/15/2017 8:02:23 AM	9.80
7/13/2017 8:11:32 AM	11.90
8/23/2017 9:16:29 AM	10.20
8/30/2017 8:38:16 AM	10.40
9/13/2017 8:39:02 AM	10.60
Chlorophyll a	(ug/l)
8/6/2014 9:00:34 AM	2.40
8/28/2014 8:19:21 AM	2.80
7/8/2015 9:12:00 AM	4.10
Total Phosphorus	(ug/l)
8/6/2014 9:00:34 AM	6.00
8/28/2014 8:19:21 AM	6.00
7/8/2015 9:12:00 AM	8.00

pH	(None)
6/15/2017 8:34:16 AM	6.95
8/23/2017 10:01:30 AM	6.93
8/30/2017 9:08:53 AM	6.94
9/13/2017 9:10:08 AM	7.00
Temperature - water	(deg C)
6/12/2013 7:59:31 AM	16.10
6/19/2013 11:16:34 AM	18.00
7/10/2013 10:25:05 AM	23.10
7/16/2013 11:15:00 AM	27.00
7/24/2013 1:08:05 PM	23.90
8/1/2013 8:10:29 AM	23.20
8/7/2013 11:37:07 AM	23.00
8/15/2013 12:01:05 PM	21.20
8/21/2013 12:46:47 PM	24.40
9/19/2013 11:09:55 AM	18.10
10/9/2013 10:54:16 AM	15.40
7/24/2014 9:09:12 AM	24.30
8/6/2014 8:22:28 AM	23.80
8/20/2014 12:30:33 PM	22.60
8/28/2014 9:17:07 AM	23.40
9/2/2014 9:18:35 AM	22.30
9/17/2014 9:35:37 AM	17.00
6/18/2015 8:30:44 AM	19.70
7/8/2015 8:23:56 AM	22.10
7/22/2015 8:25:40 AM	21.60
8/13/2015 9:15:03 AM	22.40
9/9/2015 10:07:53 AM	23.70
8/10/2016 7:47:57 AM	23.00
9/7/2016 8:38:55 AM	22.20
6/15/2017 8:34:16 AM	19.00
7/13/2017 8:53:07 AM	21.60
8/23/2017 10:01:30 AM	22.20
8/30/2017 9:08:53 AM	20.70
9/13/2017 9:10:08 AM	18.70

Dissolved Oxygen	(mg/l)
6/12/2013 7:59:31 AM	9.30
6/19/2013 11:16:34 AM	9.25
7/10/2013 10:25:05 AM	8.06
7/16/2013 11:15:00 AM	8.22
7/24/2013 1:08:05 PM	7.67
8/1/2013 8:10:29 AM	8.00
8/7/2013 11:37:07 AM	8.08
8/15/2013 12:01:05 PM	7.98
8/21/2013 12:46:47 PM	8.32
9/19/2013 11:09:55 AM	8.77
10/9/2013 10:54:16 AM	9.49
7/24/2014 9:09:12 AM	7.74
8/6/2014 8:22:28 AM	8.18
8/20/2014 12:30:33 PM	8.25
8/28/2014 9:17:07 AM	8.11
9/2/2014 9:18:35 AM	8.17
9/17/2014 9:35:37 AM	8.80
6/18/2015 8:30:44 AM	9.04
7/8/2015 8:23:56 AM	8.49
7/22/2015 8:25:40 AM	7.83
8/13/2015 9:15:03 AM	8.14
9/9/2015 10:07:53 AM	8.00
8/10/2016 7:47:57 AM	7.81
9/7/2016 8:38:55 AM	8.25
6/15/2017 8:34:16 AM	8.98
7/13/2017 8:53:07 AM	8.38
8/23/2017 10:01:30 AM	8.21
8/30/2017 9:08:53 AM	8.49
9/13/2017 9:10:08 AM	8.88

Dissolved Oxygen - Percent Saturation	(%)
6/12/2013 7:59:31 AM	94.42
6/19/2013 11:16:34 AM	97.71
7/10/2013 10:25:05 AM	94.14
7/16/2013 11:15:00 AM	103.16
7/24/2013 1:08:05 PM	90.94
8/1/2013 8:10:29 AM	93.61
8/7/2013 11:37:07 AM	94.19
8/15/2013 12:01:05 PM	89.86
8/21/2013 12:46:47 PM	99.57
9/19/2013 11:09:55 AM	92.83
10/9/2013 10:54:16 AM	94.92
7/24/2014 9:09:12 AM	92.46
8/6/2014 8:22:28 AM	96.81
8/20/2014 12:30:33 PM	95.44
8/28/2014 9:17:07 AM	95.26
9/2/2014 9:18:35 AM	93.98
9/17/2014 9:35:37 AM	91.05
6/18/2015 8:30:44 AM	98.83
7/8/2015 8:23:56 AM	97.29
7/22/2015 8:25:40 AM	88.86
8/13/2015 9:15:03 AM	93.81
9/9/2015 10:07:53 AM	94.50
8/10/2016 7:47:57 AM	91.04
9/7/2016 8:38:55 AM	94.72
6/15/2017 8:34:16 AM	96.81
7/13/2017 8:53:07 AM	95.10
8/23/2017 10:01:30 AM	94.26
8/30/2017 9:08:53 AM	94.67
9/13/2017 9:10:08 AM	95.15

Biochemical Oxygen Demand - 5 Day	(mg/l)
6/12/2013 7:59:31 AM	1.24
7/10/2013 10:25:05 AM	0.61
7/24/2013 1:08:05 PM	0.62
8/1/2013 8:10:29 AM	0.61
8/21/2013 12:46:47 PM	0.67
7/24/2014 9:09:12 AM	0.63
8/6/2014 8:22:28 AM	0.44
8/28/2014 9:17:07 AM	0.61
9/17/2014 9:35:37 AM	0.50
6/18/2015 8:30:44 AM	0.98
7/8/2015 8:23:56 AM	0.60
7/22/2015 8:25:40 AM	0.62
8/13/2015 9:15:03 AM	0.60
9/9/2015 10:07:53 AM	0.57
8/10/2016 7:47:57 AM	0.50
9/7/2016 8:38:55 AM	0.46
6/15/2017 8:34:16 AM	0.58
7/13/2017 8:53:07 AM	0.48
8/23/2017 10:01:30 AM	0.53
9/13/2017 9:10:08 AM	0.41

Conductivity	(uS/cm)
6/12/2013 7:59:31 AM	25.80
7/10/2013 10:25:05 AM	26.30
7/24/2013 1:08:05 PM	25.90
8/1/2013 8:10:29 AM	25.70
8/21/2013 12:46:47 PM	26.30
7/24/2014 9:09:12 AM	24.40
8/6/2014 8:22:28 AM	24.70
8/28/2014 9:17:07 AM	25.10
9/17/2014 9:35:37 AM	25.20
6/18/2015 8:30:44 AM	28.20
7/8/2015 8:23:56 AM	26.10
7/22/2015 8:25:40 AM	25.70
8/13/2015 9:15:03 AM	25.40
9/9/2015 10:07:53 AM	26.10
8/10/2016 7:47:57 AM	27.40
9/7/2016 8:38:55 AM	27.30
6/15/2017 8:34:16 AM	23.60
7/13/2017 8:53:07 AM	23.90
8/23/2017 10:01:30 AM	28.20
8/30/2017 9:08:53 AM	24.50
9/13/2017 9:10:08 AM	24.00

E. coli	(MPN)
6/12/2013 7:59:31 AM	11.00
7/10/2013 10:25:05 AM	11.00
7/24/2013 1:08:05 PM	32.00
8/1/2013 8:10:29 AM	12.00
8/21/2013 12:46:47 PM	6.00
7/24/2014 9:09:12 AM	35.00
8/6/2014 8:22:28 AM	6.00
8/28/2014 9:17:07 AM	10.00
9/17/2014 9:35:37 AM	3.00
6/18/2015 8:30:44 AM	3.00
7/8/2015 8:23:56 AM	4.00
7/22/2015 8:25:40 AM	7.00
8/13/2015 9:15:03 AM	5.00
9/9/2015 10:07:53 AM	5.00
8/10/2016 7:47:57 AM	2.00
9/7/2016 8:38:55 AM	5.00
6/15/2017 8:34:16 AM	5.00
7/13/2017 8:53:07 AM	7.00
8/23/2017 10:01:30 AM	12.00
8/30/2017 9:08:53 AM	6.00
9/13/2017 9:10:08 AM	4.00

Coliform	(MPN)
6/12/2013 7:59:31 AM	548.00
7/10/2013 10:25:05 AM	1203.00
7/24/2013 1:08:05 PM	921.00
8/1/2013 8:10:29 AM	866.00
8/21/2013 12:46:47 PM	816.00
7/24/2014 9:09:12 AM	1120.00
8/6/2014 8:22:28 AM	435.00
8/28/2014 9:17:07 AM	727.00
9/17/2014 9:35:37 AM	649.00
6/18/2015 8:30:44 AM	194.00
7/8/2015 8:23:56 AM	291.00
7/22/2015 8:25:40 AM	770.00
8/13/2015 9:15:03 AM	548.00
9/9/2015 10:07:53 AM	579.00
8/10/2016 7:47:57 AM	345.00
9/7/2016 8:38:55 AM	613.00
6/15/2017 8:34:16 AM	308.00
7/13/2017 8:53:07 AM	866.00
8/23/2017 10:01:30 AM	517.00
8/30/2017 9:08:53 AM	548.00
9/13/2017 9:10:08 AM	435.00

Turbidity	(NTU)
6/12/2013 7:59:31 AM	0.69
7/10/2013 10:25:05 AM	0.75
7/24/2013 1:08:05 PM	0.75
8/1/2013 8:10:29 AM	0.66
8/21/2013 12:46:47 PM	0.61
7/24/2014 9:09:12 AM	0.71
8/6/2014 8:22:28 AM	0.66
8/28/2014 9:17:07 AM	0.66
9/17/2014 9:35:37 AM	0.87
6/18/2015 8:30:44 AM	0.75
7/8/2015 8:23:56 AM	0.64
7/22/2015 8:25:40 AM	0.67
8/13/2015 9:15:03 AM	0.50
9/9/2015 10:07:53 AM	0.50
8/10/2016 7:47:57 AM	0.49
9/7/2016 8:38:55 AM	0.77
6/15/2017 8:34:16 AM	0.84
7/13/2017 8:53:07 AM	0.61
8/23/2017 10:01:30 AM	0.47
8/30/2017 9:08:53 AM	0.43
9/13/2017 9:10:08 AM	0.48

Secchi Depth	(m)
6/12/2013 7:59:31 AM	4.05
6/19/2013 11:16:34 AM	4.63
7/10/2013 10:25:05 AM	4.00
7/24/2013 1:08:05 PM	4.16
8/1/2013 8:10:29 AM	4.17
8/7/2013 11:37:07 AM	4.42
8/15/2013 12:01:05 PM	4.28
8/21/2013 12:46:47 PM	5.14
9/6/2013 1:07:16 PM	4.64
9/19/2013 11:09:55 AM	5.40
9/27/2013 12:49:54 PM	5.10
7/24/2014 9:09:12 AM	4.92
8/6/2014 8:22:28 AM	4.90
8/20/2014 12:30:33 PM	5.59
8/28/2014 9:17:07 AM	5.71
9/17/2014 9:35:37 AM	5.23
6/18/2015 8:30:44 AM	4.31
7/8/2015 8:23:56 AM	4.38
7/22/2015 8:25:40 AM	5.20
8/13/2015 9:15:03 AM	5.70
9/9/2015 10:07:53 AM	4.77
8/10/2016 7:47:57 AM	4.89
9/7/2016 8:38:55 AM	5.93
6/15/2017 8:34:16 AM	3.64
7/13/2017 8:53:07 AM	4.10
8/30/2017 9:08:53 AM	5.23
9/13/2017 9:10:08 AM	5.99

Site Depth	(m)
6/12/2013 7:59:31 AM	7.40
6/19/2013 11:16:34 AM	7.10
7/10/2013 10:25:05 AM	6.59
7/16/2013 11:15:00 AM	6.67
7/24/2013 1:08:05 PM	6.70
8/1/2013 8:10:29 AM	6.80
8/7/2013 11:37:07 AM	5.08
8/15/2013 12:01:05 PM	6.72
8/16/2013 11:45:36 AM	6.83
8/21/2013 12:46:47 PM	6.55
9/6/2013 1:07:16 PM	6.73
9/19/2013 11:09:55 AM	6.45
9/27/2013 12:49:54 PM	6.53
7/24/2014 9:09:12 AM	8.35
8/6/2014 8:22:28 AM	7.80
8/20/2014 12:30:33 PM	7.82
8/28/2014 9:17:07 AM	7.82
9/17/2014 9:35:37 AM	7.83
6/18/2015 8:30:44 AM	6.70
7/8/2015 8:23:56 AM	7.88
7/22/2015 8:25:40 AM	7.55
8/13/2015 9:15:03 AM	8.30
9/9/2015 10:07:53 AM	8.70
8/10/2016 7:47:57 AM	7.30
9/7/2016 8:38:55 AM	8.49
6/15/2017 8:34:16 AM	7.53
7/13/2017 8:53:07 AM	8.40
8/23/2017 10:01:30 AM	9.30
8/30/2017 9:08:53 AM	8.60
9/13/2017 9:10:08 AM	8.70
Chlorophyll a	(ug/l)
7/10/2013 10:25:05 AM	2.60
7/24/2013 1:08:05 PM	2.40
8/21/2013 12:46:47 PM	2.20
8/6/2014 8:22:28 AM	3.20
8/28/2014 9:17:07 AM	2.30
7/8/2015 8:23:56 AM	3.80

DP3

West Branch Penobscot River - Dolby Pond Impoundment - Near Dam

Total Phosphorus	(ug/l)
7/10/2013 10:25:05 AM	8.60
7/24/2013 1:08:05 PM	5.50
8/21/2013 12:46:47 PM	9.60
8/6/2014 8:22:28 AM	6.00
8/28/2014 9:17:07 AM	6.00
7/8/2015 8:23:56 AM	8.00

EM1

West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Left

pH	(None)
6/15/2017 10:13:04 AM	6.93
7/26/2017 9:48:13 AM	6.77
8/23/2017 12:17:00 PM	6.87
8/30/2017 10:46:42 AM	6.86
9/13/2017 10:54:37 AM	6.92

Temperature - water	(deg C)
6/12/2013 10:18:03 AM	16.20
7/10/2013 7:29:20 AM	22.70
8/1/2013 9:59:46 AM	23.30
9/17/2014 11:24:06 AM	17.00
6/18/2015 10:09:31 AM	19.20
7/22/2015 10:25:26 AM	21.80
8/13/2015 10:34:33 AM	22.30
9/9/2015 11:36:51 AM	23.30
7/20/2016 11:20:31 AM	22.20
8/10/2016 10:07:34 AM	22.80
9/7/2016 10:13:32 AM	22.10
6/15/2017 10:13:04 AM	19.10
7/26/2017 9:48:13 AM	23.00
8/23/2017 12:17:00 PM	22.20
8/30/2017 10:46:42 AM	20.70
9/13/2017 10:54:37 AM	18.70

Dissolved Oxygen	(mg/l)
6/12/2013 10:18:03 AM	9.30
7/10/2013 7:29:20 AM	7.66
8/1/2013 9:59:46 AM	7.60
9/17/2014 11:24:06 AM	9.53
6/18/2015 10:09:31 AM	8.84
7/22/2015 10:25:26 AM	7.78
8/13/2015 10:34:33 AM	7.89
9/9/2015 11:36:51 AM	7.55
7/20/2016 11:20:31 AM	8.04
8/10/2016 10:07:34 AM	7.65
9/7/2016 10:13:32 AM	7.95
6/15/2017 10:13:04 AM	8.91
7/26/2017 9:48:13 AM	7.89
8/23/2017 12:17:00 PM	7.96
8/30/2017 10:46:42 AM	8.28
9/13/2017 10:54:37 AM	8.72

Dissolved Oxygen - Percent Saturation	(%)
6/12/2013 10:18:03 AM	94.62
7/10/2013 7:29:20 AM	88.79
8/1/2013 9:59:46 AM	89.10
9/17/2014 11:24:06 AM	98.60
6/18/2015 10:09:31 AM	95.68
7/22/2015 10:25:26 AM	88.64
8/13/2015 10:34:33 AM	90.76
9/9/2015 11:36:51 AM	88.51
7/20/2016 11:20:31 AM	92.31
8/10/2016 10:07:34 AM	88.84
9/7/2016 10:13:32 AM	91.10
6/15/2017 10:13:04 AM	96.25
7/26/2017 9:48:13 AM	91.98
8/23/2017 12:17:00 PM	91.39
8/30/2017 10:46:42 AM	92.33
9/13/2017 10:54:37 AM	93.43

Biochemical Oxygen Demand - 5 Day	(mg/l)
6/12/2013 10:18:03 AM	0.96
7/10/2013 7:29:20 AM	0.62
8/1/2013 9:59:46 AM	0.64
9/17/2014 11:24:06 AM	0.52
6/18/2015 10:09:31 AM	0.83
7/22/2015 10:25:26 AM	0.35
8/13/2015 10:34:33 AM	0.51
9/9/2015 11:36:51 AM	0.45
7/20/2016 11:20:31 AM	0.66
8/10/2016 10:07:34 AM	0.51
9/7/2016 10:13:32 AM	0.45
6/15/2017 10:13:04 AM	0.76
7/26/2017 9:48:13 AM	0.55
8/23/2017 12:17:00 PM	0.44
9/13/2017 10:54:37 AM	0.39

Conductivity	(uS/cm)
6/12/2013 10:18:03 AM	29.10
7/10/2013 7:29:20 AM	28.00
8/1/2013 9:59:46 AM	29.30
9/17/2014 11:24:06 AM	25.70
6/18/2015 10:09:31 AM	27.70
7/22/2015 10:25:26 AM	26.40
8/13/2015 10:34:33 AM	25.90
9/9/2015 11:36:51 AM	26.70
7/20/2016 11:20:31 AM	25.20
8/10/2016 10:07:34 AM	27.30
9/7/2016 10:13:32 AM	27.20
6/15/2017 10:13:04 AM	23.80
7/26/2017 9:48:13 AM	68.40
8/23/2017 12:17:00 PM	25.60
8/30/2017 10:46:42 AM	24.90
9/13/2017 10:54:37 AM	24.40

E. coli	(MPN)
6/12/2013 10:18:03 AM	23.00
7/10/2013 7:29:20 AM	22.00
8/1/2013 9:59:46 AM	22.00
9/17/2014 11:24:06 AM	5.00
6/18/2015 10:09:31 AM	10.00
7/22/2015 10:25:26 AM	24.00
8/13/2015 10:34:33 AM	7.00
9/9/2015 11:36:51 AM	6.00
7/20/2016 11:20:31 AM	17.00
8/10/2016 10:07:34 AM	17.00
9/7/2016 10:13:32 AM	10.00
6/15/2017 10:13:04 AM	3.00
7/26/2017 9:48:13 AM	28.00
8/23/2017 12:17:00 PM	18.00
8/30/2017 10:46:42 AM	12.00
9/13/2017 10:54:37 AM	3.00

Coliform	(MPN)
6/12/2013 10:18:03 AM	2420.00
7/10/2013 7:29:20 AM	1414.00
8/1/2013 9:59:46 AM	1120.00
9/17/2014 11:24:06 AM	816.00
6/18/2015 10:09:31 AM	488.00
7/22/2015 10:25:26 AM	1046.00
8/13/2015 10:34:33 AM	687.00
9/9/2015 11:36:51 AM	921.00
7/20/2016 11:20:31 AM	1046.00
8/10/2016 10:07:34 AM	548.00
9/7/2016 10:13:32 AM	579.00
6/15/2017 10:13:04 AM	461.00
7/26/2017 9:48:13 AM	1414.00
8/23/2017 12:17:00 PM	727.00
8/30/2017 10:46:42 AM	816.00
9/13/2017 10:54:37 AM	548.00

Turbidity	(NTU)
6/12/2013 10:18:03 AM	0.95
7/10/2013 7:29:20 AM	0.85
8/1/2013 9:59:46 AM	0.70
9/17/2014 11:24:06 AM	0.73
6/18/2015 10:09:31 AM	0.69
7/22/2015 10:25:26 AM	0.74
8/13/2015 10:34:33 AM	0.61
9/9/2015 11:36:51 AM	0.50
7/20/2016 11:20:31 AM	0.55
8/10/2016 10:07:34 AM	0.57
9/7/2016 10:13:32 AM	0.47
6/15/2017 10:13:04 AM	0.93
7/26/2017 9:48:13 AM	0.51
8/23/2017 12:17:00 PM	0.53
8/30/2017 10:46:42 AM	0.43
9/13/2017 10:54:37 AM	0.54
Site Depth	(m)
6/12/2013 10:18:03 AM	1.90
7/10/2013 7:29:20 AM	1.50
8/1/2013 9:59:46 AM	2.00
9/17/2014 11:24:06 AM	1.20
6/18/2015 10:09:31 AM	1.80
7/22/2015 10:25:26 AM	1.90
8/13/2015 10:34:33 AM	1.30
9/9/2015 11:36:51 AM	1.40
7/20/2016 11:20:31 AM	1.40
8/10/2016 10:07:34 AM	1.40
9/7/2016 10:13:32 AM	1.30
6/15/2017 10:13:04 AM	1.60
7/26/2017 9:48:13 AM	1.40
8/23/2017 12:17:00 PM	1.80
8/30/2017 10:46:42 AM	1.70
9/13/2017 10:54:37 AM	1.50

pH	(None)
6/15/2017 10:22:32 AM	7.01
7/26/2017 9:57:15 AM	6.88
8/23/2017 12:32:14 PM	6.84
8/30/2017 10:54:53 AM	6.86
9/13/2017 11:05:44 AM	6.96

Temperature - water	(deg C)
6/12/2013 10:23:44 AM	16.10
8/1/2013 10:05:47 AM	23.20
9/17/2014 11:35:24 AM	17.00
6/18/2015 10:16:44 AM	19.10
7/22/2015 10:32:27 AM	21.90
8/13/2015 10:41:34 AM	22.30
9/9/2015 11:43:26 AM	23.30
7/20/2016 11:12:07 AM	22.20
8/10/2016 10:16:35 AM	22.80
9/7/2016 10:22:24 AM	22.10
6/15/2017 10:22:32 AM	19.20
7/26/2017 9:57:15 AM	22.90
8/23/2017 12:32:14 PM	22.20
8/30/2017 10:54:53 AM	20.70
9/13/2017 11:05:44 AM	18.70

Dissolved Oxygen	(mg/l)
6/12/2013 10:23:44 AM	9.90
8/1/2013 10:05:47 AM	7.70
9/17/2014 11:35:24 AM	9.86
6/18/2015 10:16:44 AM	8.99
7/22/2015 10:32:27 AM	7.82
8/13/2015 10:41:34 AM	7.92
9/9/2015 11:43:26 AM	7.59
7/20/2016 11:12:07 AM	7.99
8/10/2016 10:16:35 AM	7.66
9/7/2016 10:22:24 AM	8.08
6/15/2017 10:22:32 AM	9.26
7/26/2017 9:57:15 AM	7.93
8/23/2017 12:32:14 PM	7.95
8/30/2017 10:54:53 AM	8.32
9/13/2017 11:05:44 AM	8.76

Dissolved Oxygen - Percent Saturation	(%)
6/12/2013 10:23:44 AM	100.51
8/1/2013 10:05:47 AM	90.10
9/17/2014 11:35:24 AM	102.02
6/18/2015 10:16:44 AM	97.11
7/22/2015 10:32:27 AM	89.26
8/13/2015 10:41:34 AM	91.10
9/9/2015 11:43:26 AM	88.98
7/20/2016 11:12:07 AM	91.73
8/10/2016 10:16:35 AM	88.96
9/7/2016 10:22:24 AM	92.59
6/15/2017 10:22:32 AM	100.23
7/26/2017 9:57:15 AM	92.27
8/23/2017 12:32:14 PM	91.27
8/30/2017 10:54:53 AM	92.78
9/13/2017 11:05:44 AM	93.86

Biochemical Oxygen Demand - 5 Day	(mg/l)
6/12/2013 10:23:44 AM	1.11
8/1/2013 10:05:47 AM	0.57
9/17/2014 11:35:24 AM	0.25
6/18/2015 10:16:44 AM	0.73
7/22/2015 10:32:27 AM	0.53
8/13/2015 10:41:34 AM	0.48
9/9/2015 11:43:26 AM	0.35
7/20/2016 11:12:07 AM	0.62
8/10/2016 10:16:35 AM	0.26
9/7/2016 10:22:24 AM	0.39
6/15/2017 10:22:32 AM	0.80
7/26/2017 9:57:15 AM	0.59
8/23/2017 12:32:14 PM	0.60
9/13/2017 11:05:44 AM	0.33

Conductivity	(uS/cm)
6/12/2013 10:23:44 AM	25.60
8/1/2013 10:05:47 AM	26.20
9/17/2014 11:35:24 AM	26.40
6/18/2015 10:16:44 AM	26.50
7/22/2015 10:32:27 AM	25.40
8/13/2015 10:41:34 AM	26.00
9/9/2015 11:43:26 AM	26.30
7/20/2016 11:12:07 AM	26.20
8/10/2016 10:16:35 AM	27.10
9/7/2016 10:22:24 AM	27.30
6/15/2017 10:22:32 AM	23.60
7/26/2017 9:57:15 AM	24.60
8/23/2017 12:32:14 PM	25.40
8/30/2017 10:54:53 AM	24.70
9/13/2017 11:05:44 AM	24.10
E. coli	(MPN)
6/12/2013 10:23:44 AM	13.00
8/1/2013 10:05:47 AM	17.00
9/17/2014 11:35:24 AM	5.00
6/18/2015 10:16:44 AM	6.00
7/22/2015 10:32:27 AM	22.00
8/13/2015 10:41:34 AM	12.00
9/9/2015 11:43:26 AM	3.00
7/20/2016 11:12:07 AM	27.00
8/10/2016 10:16:35 AM	5.00
9/7/2016 10:22:24 AM	5.00
6/15/2017 10:22:32 AM	5.00
7/26/2017 9:57:15 AM	23.00
8/23/2017 12:32:14 PM	11.00
8/30/2017 10:54:53 AM	11.00
9/13/2017 11:05:44 AM	5.00

Coliform	(MPN)
6/12/2013 10:23:44 AM	2420.00
8/1/2013 10:05:47 AM	866.00
9/17/2014 11:35:24 AM	579.00
6/18/2015 10:16:44 AM	365.00
7/22/2015 10:32:27 AM	770.00
8/13/2015 10:41:34 AM	488.00
9/9/2015 11:43:26 AM	579.00
7/20/2016 11:12:07 AM	1203.00
8/10/2016 10:16:35 AM	980.00
9/7/2016 10:22:24 AM	548.00
6/15/2017 10:22:32 AM	579.00
7/26/2017 9:57:15 AM	770.00
8/23/2017 12:32:14 PM	613.00
8/30/2017 10:54:53 AM	649.00
9/13/2017 11:05:44 AM	387.00
Turbidity	(NTU)
6/12/2013 10:23:44 AM	0.86
8/1/2013 10:05:47 AM	0.72
9/17/2014 11:35:24 AM	0.62
6/18/2015 10:16:44 AM	0.55
7/22/2015 10:32:27 AM	0.66
8/13/2015 10:41:34 AM	0.59
9/9/2015 11:43:26 AM	0.50
7/20/2016 11:12:07 AM	0.53
8/10/2016 10:16:35 AM	0.57
9/7/2016 10:22:24 AM	0.65
6/15/2017 10:22:32 AM	0.92
7/26/2017 9:57:15 AM	0.54
8/23/2017 12:32:14 PM	0.44
8/30/2017 10:54:53 AM	0.38
9/13/2017 11:05:44 AM	0.53

EM2

West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Right

Site Depth	(m)
6/12/2013 10:23:44 AM	1.60
8/1/2013 10:05:47 AM	1.50
9/17/2014 11:35:24 AM	1.50
6/18/2015 10:16:44 AM	1.10
7/22/2015 10:32:27 AM	1.20
8/13/2015 10:41:34 AM	1.30
9/9/2015 11:43:26 AM	1.40
7/20/2016 11:12:07 AM	7.40
8/10/2016 10:16:35 AM	1.20
9/7/2016 10:22:24 AM	1.50
6/15/2017 10:22:32 AM	1.50
7/26/2017 9:57:15 AM	1.60
8/23/2017 12:32:14 PM	1.40
8/30/2017 10:54:53 AM	1.40
9/13/2017 11:05:44 AM	1.30

MI1

West Branch Penobscot River - Rockabema (Medway) Impoundment - Upper

pH	(None)
6/15/2017 9:56:32 AM	6.95
7/26/2017 9:40:28 AM	6.83
8/23/2017 12:45:14 PM	6.88
8/30/2017 11:06:31 AM	6.87
9/13/2017 11:17:08 AM	6.93

Temperature - water	(deg C)
6/12/2013 10:05:47 AM	16.20
8/1/2013 9:51:23 AM	23.40
9/17/2014 11:11:17 AM	17.10
6/18/2015 9:57:52 AM	19.20
7/22/2015 10:11:48 AM	21.90
8/13/2015 10:26:17 AM	22.20
9/9/2015 11:29:00 AM	23.30
7/20/2016 11:00:40 AM	22.20
8/10/2016 10:29:33 AM	22.80
9/7/2016 10:31:32 AM	22.10
6/15/2017 9:56:32 AM	19.10
7/26/2017 9:40:28 AM	22.90
8/23/2017 12:45:14 PM	22.30
8/30/2017 11:06:31 AM	20.70
9/13/2017 11:17:08 AM	18.90

Dissolved Oxygen	(mg/l)
6/12/2013 10:05:47 AM	9.30
8/1/2013 9:51:23 AM	7.60
9/17/2014 11:11:17 AM	9.44
6/18/2015 9:57:52 AM	8.84
7/22/2015 10:11:48 AM	7.75
8/13/2015 10:26:17 AM	7.90
9/9/2015 11:29:00 AM	7.56
7/20/2016 11:00:40 AM	8.02
8/10/2016 10:29:33 AM	7.68
9/7/2016 10:31:32 AM	7.99
6/15/2017 9:56:32 AM	8.90
7/26/2017 9:40:28 AM	7.86
8/23/2017 12:45:14 PM	7.96
8/30/2017 11:06:31 AM	8.29
9/13/2017 11:17:08 AM	8.72

Dissolved Oxygen - Percent Saturation	(%)
6/12/2013 10:05:47 AM	94.62
8/1/2013 9:51:23 AM	89.27
9/17/2014 11:11:17 AM	97.88
6/18/2015 9:57:52 AM	95.68
7/22/2015 10:11:48 AM	88.46
8/13/2015 10:26:17 AM	90.70
9/9/2015 11:29:00 AM	88.63
7/20/2016 11:00:40 AM	92.08
8/10/2016 10:29:33 AM	89.19
9/7/2016 10:31:32 AM	91.56
6/15/2017 9:56:32 AM	96.14
7/26/2017 9:40:28 AM	91.45
8/23/2017 12:45:14 PM	91.56
8/30/2017 11:06:31 AM	92.44
9/13/2017 11:17:08 AM	93.81

Biochemical Oxygen Demand - 5 Day	(mg/l)
6/12/2013 10:05:47 AM	0.91
8/1/2013 9:51:23 AM	0.65
9/17/2014 11:11:17 AM	2.51
6/18/2015 9:57:52 AM	0.81
7/22/2015 10:11:48 AM	0.58
8/13/2015 10:26:17 AM	0.59
9/9/2015 11:29:00 AM	0.36
7/20/2016 11:00:40 AM	0.69
8/10/2016 10:29:33 AM	0.28
9/7/2016 10:31:32 AM	0.48
6/15/2017 9:56:32 AM	0.79
7/26/2017 9:40:28 AM	0.62
8/23/2017 12:45:14 PM	0.52
9/13/2017 11:17:08 AM	0.40

Conductivity	(uS/cm)
6/12/2013 10:05:47 AM	29.00
8/1/2013 9:51:23 AM	29.10
9/17/2014 11:11:17 AM	26.50
6/18/2015 9:57:52 AM	26.30
7/22/2015 10:11:48 AM	27.00
8/13/2015 10:26:17 AM	26.50
9/9/2015 11:29:00 AM	26.80
7/20/2016 11:00:40 AM	25.60
8/10/2016 10:29:33 AM	27.50
9/7/2016 10:31:32 AM	27.50
6/15/2017 9:56:32 AM	24.80
7/26/2017 9:40:28 AM	27.50
8/23/2017 12:45:14 PM	25.90
8/30/2017 11:06:31 AM	24.20
9/13/2017 11:17:08 AM	24.40

E. coli	(MPN)
6/12/2013 10:05:47 AM	25.00
8/1/2013 9:51:23 AM	20.00
9/17/2014 11:11:17 AM	9.00
6/18/2015 9:57:52 AM	8.00
7/22/2015 10:11:48 AM	16.00
8/13/2015 10:26:17 AM	8.00
9/9/2015 11:29:00 AM	8.00
7/20/2016 11:00:40 AM	25.00
8/10/2016 10:29:33 AM	10.00
9/7/2016 10:31:32 AM	7.00
6/15/2017 9:56:32 AM	5.00
7/26/2017 9:40:28 AM	26.00
8/23/2017 12:45:14 PM	10.00
8/30/2017 11:06:31 AM	12.00
9/13/2017 11:17:08 AM	7.00

Coliform	(MPN)
6/12/2013 10:05:47 AM	1733.00
8/1/2013 9:51:23 AM	1733.00
9/17/2014 11:11:17 AM	687.00
6/18/2015 9:57:52 AM	517.00
7/22/2015 10:11:48 AM	1414.00
8/13/2015 10:26:17 AM	727.00
9/9/2015 11:29:00 AM	980.00
7/20/2016 11:00:40 AM	866.00
8/10/2016 10:29:33 AM	816.00
9/7/2016 10:31:32 AM	613.00
6/15/2017 9:56:32 AM	488.00
7/26/2017 9:40:28 AM	1120.00
8/23/2017 12:45:14 PM	816.00
8/30/2017 11:06:31 AM	1046.00
9/13/2017 11:17:08 AM	411.00

Turbidity	(NTU)
6/12/2013 10:05:47 AM	0.89
8/1/2013 9:51:23 AM	0.95
9/17/2014 11:11:17 AM	0.81
6/18/2015 9:57:52 AM	0.71
7/22/2015 10:11:48 AM	0.55
8/13/2015 10:26:17 AM	0.70
9/9/2015 11:29:00 AM	0.46
7/20/2016 11:00:40 AM	0.69
8/10/2016 10:29:33 AM	0.51
9/7/2016 10:31:32 AM	0.68
6/15/2017 9:56:32 AM	0.82
7/26/2017 9:40:28 AM	0.54
8/23/2017 12:45:14 PM	0.41
8/30/2017 11:06:31 AM	0.47
9/13/2017 11:17:08 AM	0.51
Secchi Depth	(m)
7/22/2015 10:11:48 AM	2.80
7/20/2016 11:00:40 AM	2.70
Site Depth	(m)
6/12/2013 10:05:47 AM	3.50
8/1/2013 9:51:23 AM	3.20
9/17/2014 11:11:17 AM	2.40
6/18/2015 9:57:52 AM	3.40
7/22/2015 10:11:48 AM	2.80
8/13/2015 10:26:17 AM	3.20
9/9/2015 11:29:00 AM	3.00
7/20/2016 11:00:40 AM	2.50
8/10/2016 10:29:33 AM	2.60
9/7/2016 10:31:32 AM	2.75
6/15/2017 9:56:32 AM	2.50
7/26/2017 9:40:28 AM	2.90
8/23/2017 12:45:14 PM	3.40
8/30/2017 11:06:31 AM	2.70
9/13/2017 11:17:08 AM	2.80

pH	(None)
6/15/2017 10:35:51 AM	6.96
7/26/2017 9:26:11 AM	6.69
8/23/2017 1:02:33 PM	6.84
8/30/2017 11:21:10 AM	6.85
9/13/2017 11:33:11 AM	6.94

Temperature - water	(deg C)
6/12/2013 9:51:54 AM	16.00
8/1/2013 9:39:44 AM	23.50
9/17/2014 11:52:15 AM	17.00
6/18/2015 9:43:02 AM	19.10
7/22/2015 9:57:14 AM	21.70
8/13/2015 10:15:20 AM	22.20
9/9/2015 11:15:46 AM	23.20
7/20/2016 10:29:40 AM	22.00
8/10/2016 10:39:52 AM	22.70
9/7/2016 10:41:05 AM	22.00
6/15/2017 10:35:51 AM	19.10
7/26/2017 9:26:11 AM	22.70
8/23/2017 1:02:33 PM	22.30
8/30/2017 11:21:10 AM	20.40
9/13/2017 11:33:11 AM	19.20

Dissolved Oxygen	(mg/l)
6/12/2013 9:51:54 AM	9.70
8/1/2013 9:39:44 AM	7.70
9/17/2014 11:52:15 AM	9.63
6/18/2015 9:43:02 AM	8.92
7/22/2015 9:57:14 AM	7.69
8/13/2015 10:15:20 AM	7.91
9/9/2015 11:15:46 AM	7.76
7/20/2016 10:29:40 AM	7.85
8/10/2016 10:39:52 AM	7.65
9/7/2016 10:41:05 AM	8.03
6/15/2017 10:35:51 AM	9.30
7/26/2017 9:26:11 AM	7.91
8/23/2017 1:02:33 PM	7.91
8/30/2017 11:21:10 AM	8.30
9/13/2017 11:33:11 AM	8.70

Dissolved Oxygen - Percent Saturation	(%)
6/12/2013 9:51:54 AM	98.27
8/1/2013 9:39:44 AM	90.61
9/17/2014 11:52:15 AM	99.64
6/18/2015 9:43:02 AM	96.35
7/22/2015 9:57:14 AM	87.44
8/13/2015 10:15:20 AM	90.81
9/9/2015 11:15:46 AM	90.80
7/20/2016 10:29:40 AM	89.78
8/10/2016 10:39:52 AM	88.67
9/7/2016 10:41:05 AM	91.84
6/15/2017 10:35:51 AM	100.46
7/26/2017 9:26:11 AM	91.69
8/23/2017 1:02:33 PM	90.99
8/30/2017 11:21:10 AM	92.01
9/13/2017 11:33:11 AM	94.17

Biochemical Oxygen Demand - 5 Day	(mg/l)
6/12/2013 9:51:54 AM	1.84
8/1/2013 9:39:44 AM	0.51
9/17/2014 11:52:15 AM	0.30
6/18/2015 9:43:02 AM	0.72
7/22/2015 9:57:14 AM	0.50
8/13/2015 10:15:20 AM	0.48
9/9/2015 11:15:46 AM	0.43
7/20/2016 10:29:40 AM	0.74
8/10/2016 10:39:52 AM	0.50
9/7/2016 10:41:05 AM	0.34
6/15/2017 10:35:51 AM	0.81
7/26/2017 9:26:11 AM	0.56
8/23/2017 1:02:33 PM	0.57
9/13/2017 11:33:11 AM	0.36

Conductivity	(uS/cm)
6/12/2013 9:51:54 AM	27.70
8/1/2013 9:39:44 AM	26.40
9/17/2014 11:52:15 AM	25.50
6/18/2015 9:43:02 AM	26.20
7/22/2015 9:57:14 AM	25.80
8/13/2015 10:15:20 AM	26.40
9/9/2015 11:15:46 AM	26.60
7/20/2016 10:29:40 AM	25.50
8/10/2016 10:39:52 AM	27.50
9/7/2016 10:41:05 AM	26.60
6/15/2017 10:35:51 AM	23.90
7/26/2017 9:26:11 AM	24.50
8/23/2017 1:02:33 PM	25.80
8/30/2017 11:21:10 AM	25.40
9/13/2017 11:33:11 AM	24.10

E. coli	(MPN)
6/12/2013 9:51:54 AM	12.00
8/1/2013 9:39:44 AM	23.00
9/17/2014 11:52:15 AM	6.00
6/18/2015 9:43:02 AM	3.00
7/22/2015 9:57:14 AM	13.00
8/13/2015 10:15:20 AM	13.00
9/9/2015 11:15:46 AM	10.00
7/20/2016 10:29:40 AM	16.00
8/10/2016 10:39:52 AM	5.00
9/7/2016 10:41:05 AM	4.00
6/15/2017 10:35:51 AM	4.00
7/26/2017 9:26:11 AM	14.00
8/23/2017 1:02:33 PM	15.00
8/30/2017 11:21:10 AM	5.00
9/13/2017 11:33:11 AM	5.00

Coliform	(MPN)
6/12/2013 9:51:54 AM	1046.00
8/1/2013 9:39:44 AM	1203.00
9/17/2014 11:52:15 AM	613.00
6/18/2015 9:43:02 AM	411.00
7/22/2015 9:57:14 AM	1203.00
8/13/2015 10:15:20 AM	866.00
9/9/2015 11:15:46 AM	866.00
7/20/2016 10:29:40 AM	687.00
8/10/2016 10:39:52 AM	770.00
9/7/2016 10:41:05 AM	649.00
6/15/2017 10:35:51 AM	435.00
7/26/2017 9:26:11 AM	980.00
8/23/2017 1:02:33 PM	457.00
8/30/2017 11:21:10 AM	579.00
9/13/2017 11:33:11 AM	249.00

Turbidity	(NTU)
6/12/2013 9:51:54 AM	0.78
8/1/2013 9:39:44 AM	0.74
9/17/2014 11:52:15 AM	0.54
6/18/2015 9:43:02 AM	0.62
7/22/2015 9:57:14 AM	0.65
8/13/2015 10:15:20 AM	0.52
9/9/2015 11:15:46 AM	0.44
7/20/2016 10:29:40 AM	0.54
8/10/2016 10:39:52 AM	0.48
9/7/2016 10:41:05 AM	0.48
6/15/2017 10:35:51 AM	1.04
7/26/2017 9:26:11 AM	0.52
8/23/2017 1:02:33 PM	0.48
8/30/2017 11:21:10 AM	0.47
9/13/2017 11:33:11 AM	0.48

MI2

West Branch Penobscot River - Rockabema (Medway) Impoundment - River Right

Secchi Depth	(m)
6/12/2013 9:51:54 AM	2.40
8/1/2013 9:39:44 AM	3.22
9/17/2014 11:52:15 AM	3.65
6/18/2015 9:43:02 AM	2.75
7/22/2015 9:57:14 AM	4.65
8/13/2015 10:15:20 AM	2.92
9/9/2015 11:15:46 AM	3.23
7/20/2016 10:29:40 AM	4.25
6/15/2017 10:35:51 AM	2.95
7/26/2017 9:26:11 AM	3.10
8/23/2017 1:02:33 PM	3.01
8/30/2017 11:21:10 AM	2.88
9/13/2017 11:33:11 AM	3.20

Site Depth	(m)
6/12/2013 9:51:54 AM	2.40
8/1/2013 9:39:44 AM	3.22
9/17/2014 11:52:15 AM	3.65
6/18/2015 9:43:02 AM	2.75
7/22/2015 9:57:14 AM	4.65
8/13/2015 10:15:20 AM	2.92
9/9/2015 11:15:46 AM	3.23
7/20/2016 10:29:40 AM	4.80
8/10/2016 10:39:52 AM	4.45
9/7/2016 10:41:05 AM	3.90
6/15/2017 10:35:51 AM	2.95
7/26/2017 9:26:11 AM	3.10
8/23/2017 1:02:33 PM	3.01
8/30/2017 11:21:10 AM	2.88
9/13/2017 11:33:11 AM	3.20

MI3

West Branch Penobscot River - Rockabema (Medway) Impoundment - River Left

pH	(None)
6/15/2017 10:49:57 AM	6.91
7/26/2017 9:16:12 AM	6.79
8/23/2017 1:21:32 PM	6.88
8/30/2017 11:34:34 AM	6.85
9/13/2017 11:45:51 AM	6.92

Temperature - water	(deg C)
6/12/2013 9:40:04 AM	16.00
7/10/2013 7:47:09 AM	22.40
8/1/2013 9:25:26 AM	23.50
9/17/2014 12:01:51 PM	17.20
6/18/2015 9:21:29 AM	19.20
7/22/2015 9:44:30 AM	21.70
8/13/2015 10:06:53 AM	22.20
9/9/2015 10:59:42 AM	23.10
7/20/2016 10:44:17 AM	22.10
8/10/2016 10:51:16 AM	22.70
9/7/2016 10:51:37 AM	22.20
6/15/2017 10:49:57 AM	19.20
7/26/2017 9:16:12 AM	22.60
8/23/2017 1:21:32 PM	22.30
8/30/2017 11:34:34 AM	20.70
9/13/2017 11:45:51 AM	19.20
Dissolved Oxygen	(mg/l)
6/12/2013 9:40:04 AM	9.40
7/10/2013 7:47:09 AM	7.64
8/1/2013 9:25:26 AM	7.70
9/17/2014 12:01:51 PM	9.45
6/18/2015 9:21:29 AM	8.80
7/22/2015 9:44:30 AM	7.63
8/13/2015 10:06:53 AM	7.81
9/9/2015 10:59:42 AM	7.65
7/20/2016 10:44:17 AM	7.89
8/10/2016 10:51:16 AM	7.59
9/7/2016 10:51:37 AM	7.97
6/15/2017 10:49:57 AM	8.93
7/26/2017 9:16:12 AM	7.79
8/23/2017 1:21:32 PM	7.92
8/30/2017 11:34:34 AM	8.18
9/13/2017 11:45:51 AM	8.64

Dissolved Oxygen - Percent Saturation (%)

6/12/2013 9:40:04 AM	95.23
7/10/2013 7:47:09 AM	88.05
8/1/2013 9:25:26 AM	90.61
9/17/2014 12:01:51 PM	98.18
6/18/2015 9:21:29 AM	95.25
7/22/2015 9:44:30 AM	86.76
8/13/2015 10:06:53 AM	89.67
9/9/2015 10:59:42 AM	89.35
7/20/2016 10:44:17 AM	90.41
8/10/2016 10:51:16 AM	87.98
9/7/2016 10:51:37 AM	91.50
6/15/2017 10:49:57 AM	96.66
7/26/2017 9:16:12 AM	90.12
8/23/2017 1:21:32 PM	91.10
8/30/2017 11:34:34 AM	91.22
9/13/2017 11:45:51 AM	93.52

Biochemical Oxygen Demand - 5 Day (mg/l)

6/12/2013 9:40:04 AM	1.04
7/10/2013 7:47:09 AM	0.35
8/1/2013 9:25:26 AM	0.59
9/17/2014 12:01:51 PM	0.48
6/18/2015 9:21:29 AM	0.71
7/22/2015 9:44:30 AM	0.59
8/13/2015 10:06:53 AM	0.47
9/9/2015 10:59:42 AM	0.63
7/20/2016 10:44:17 AM	0.65
8/10/2016 10:51:16 AM	0.56
9/7/2016 10:51:37 AM	0.47
6/15/2017 10:49:57 AM	0.29
7/26/2017 9:16:12 AM	1.44
8/23/2017 1:21:32 PM	0.56
9/13/2017 11:45:51 AM	0.47

Conductivity	(uS/cm)
6/12/2013 9:40:04 AM	28.00
7/10/2013 7:47:09 AM	28.20
8/1/2013 9:25:26 AM	27.70
9/17/2014 12:01:51 PM	26.50
6/18/2015 9:21:29 AM	26.00
7/22/2015 9:44:30 AM	26.30
8/13/2015 10:06:53 AM	26.60
9/9/2015 10:59:42 AM	28.20
7/20/2016 10:44:17 AM	25.40
8/10/2016 10:51:16 AM	27.90
9/7/2016 10:51:37 AM	27.50
6/15/2017 10:49:57 AM	23.90
7/26/2017 9:16:12 AM	24.10
8/23/2017 1:21:32 PM	26.00
8/30/2017 11:34:34 AM	25.00
9/13/2017 11:45:51 AM	25.50
E. coli	(MPN)
6/12/2013 9:40:04 AM	9.00
7/10/2013 7:47:09 AM	12.00
8/1/2013 9:25:26 AM	17.00
9/17/2014 12:01:51 PM	4.00
6/18/2015 9:21:29 AM	11.00
7/22/2015 9:44:30 AM	17.00
8/13/2015 10:06:53 AM	10.00
9/9/2015 10:59:42 AM	5.00
7/20/2016 10:44:17 AM	12.00
8/10/2016 10:51:16 AM	4.00
9/7/2016 10:51:37 AM	6.00
6/15/2017 10:49:57 AM	3.00
7/26/2017 9:16:12 AM	25.00
8/23/2017 1:21:32 PM	19.00
8/30/2017 11:34:34 AM	8.00
9/13/2017 11:45:51 AM	10.00

Coliform	(MPN)
6/12/2013 9:40:04 AM	1733.00
7/10/2013 7:47:09 AM	1300.00
8/1/2013 9:25:26 AM	816.00
9/17/2014 12:01:51 PM	687.00
6/18/2015 9:21:29 AM	548.00
7/22/2015 9:44:30 AM	613.00
8/13/2015 10:06:53 AM	517.00
9/9/2015 10:59:42 AM	649.00
7/20/2016 10:44:17 AM	770.00
8/10/2016 10:51:16 AM	387.00
9/7/2016 10:51:37 AM	613.00
6/15/2017 10:49:57 AM	387.00
7/26/2017 9:16:12 AM	649.00
8/23/2017 1:21:32 PM	1120.00
8/30/2017 11:34:34 AM	649.00
9/13/2017 11:45:51 AM	326.00
Turbidity	(NTU)
6/12/2013 9:40:04 AM	0.75
7/10/2013 7:47:09 AM	1.04
8/1/2013 9:25:26 AM	0.80
9/17/2014 12:01:51 PM	0.72
6/18/2015 9:21:29 AM	0.72
7/22/2015 9:44:30 AM	0.65
8/13/2015 10:06:53 AM	0.56
9/9/2015 10:59:42 AM	0.54
7/20/2016 10:44:17 AM	0.55
8/10/2016 10:51:16 AM	0.55
9/7/2016 10:51:37 AM	0.45
6/15/2017 10:49:57 AM	0.94
7/26/2017 9:16:12 AM	0.52
8/23/2017 1:21:32 PM	0.45
8/30/2017 11:34:34 AM	0.41
9/13/2017 11:45:51 AM	0.49

MI3

West Branch Penobscot River - Rockabema (Medway) Impoundment - River Left

Secchi Depth

(m)

7/10/2013 7:47:09 AM	3.70
8/1/2013 9:25:26 AM	4.54
9/17/2014 12:01:51 PM	4.65
7/22/2015 9:44:30 AM	4.13
9/9/2015 10:59:42 AM	4.63
7/20/2016 10:44:17 AM	4.45
8/10/2016 10:51:16 AM	5.05
6/15/2017 10:49:57 AM	3.48
7/26/2017 9:16:12 AM	4.89
8/23/2017 1:21:32 PM	5.55
8/30/2017 11:34:34 AM	5.51
9/13/2017 11:45:51 AM	5.71

Site Depth

(m)

6/12/2013 9:40:04 AM	5.50
7/10/2013 7:47:09 AM	6.60
8/1/2013 9:25:26 AM	6.00
9/17/2014 12:01:51 PM	4.76
6/18/2015 9:21:29 AM	5.60
7/22/2015 9:44:30 AM	4.95
8/13/2015 10:06:53 AM	6.40
9/9/2015 10:59:42 AM	6.30
7/20/2016 10:44:17 AM	4.40
8/10/2016 10:51:16 AM	5.90
9/7/2016 10:51:37 AM	5.10
6/15/2017 10:49:57 AM	5.25
7/26/2017 9:16:12 AM	6.00
8/23/2017 1:21:32 PM	5.55
8/30/2017 11:34:34 AM	5.91
9/13/2017 11:45:51 AM	5.71

MS1

Penobscot River - Just Downriver of I-95 Bridge and East and West Branch Confluence

pH

(None)

7/20/2017 11:43:29 AM	6.99
8/3/2017 8:08:17 AM	6.79
9/14/2017 9:10:43 AM	6.83

Temperature - water	(deg C)
7/10/2013 8:59:20 AM	22.30
7/24/2013 9:22:06 AM	20.10
8/15/2013 8:43:33 AM	18.80
7/10/2014 11:01:22 AM	22.00
7/30/2014 12:13:14 PM	22.30
8/7/2014 9:34:22 AM	23.00
9/11/2014 10:06:41 AM	20.00
7/9/2015 7:48:49 AM	21.90
8/12/2015 11:01:35 AM	21.60
8/20/2015 7:46:47 AM	24.30
9/23/2015 11:15:18 AM	19.60
6/30/2016 9:06:02 AM	21.70
8/3/2016 11:36:24 AM	24.50
8/24/2016 12:51:21 PM	21.40
9/14/2016 11:09:24 AM	20.20
6/22/2017 7:29:45 AM	19.40
7/20/2017 11:43:29 AM	23.90
8/3/2017 8:08:17 AM	23.30
8/31/2017 9:27:26 AM	20.00
9/14/2017 9:10:43 AM	18.80

Dissolved Oxygen	(mg/l)
7/10/2013 8:59:20 AM	7.90
7/24/2013 9:22:06 AM	8.53
8/15/2013 8:43:33 AM	8.70
7/10/2014 11:01:22 AM	8.99
7/30/2014 12:13:14 PM	7.95
8/7/2014 9:34:22 AM	7.79
9/11/2014 10:06:41 AM	8.31
7/9/2015 7:48:49 AM	8.28
8/12/2015 11:01:35 AM	7.94
8/20/2015 7:46:47 AM	7.66
9/23/2015 11:15:18 AM	8.38
6/30/2016 9:06:02 AM	8.36
8/3/2016 11:36:24 AM	7.54
8/24/2016 12:51:21 PM	8.41
9/14/2016 11:09:24 AM	8.66
6/22/2017 7:29:45 AM	9.03
7/20/2017 11:43:29 AM	8.15
8/3/2017 8:08:17 AM	7.79
8/31/2017 9:27:26 AM	8.28
9/14/2017 9:10:43 AM	8.54

Dissolved Oxygen - Percent Saturation	(%)
7/10/2013 8:59:20 AM	90.87
7/24/2013 9:22:06 AM	94.00
8/15/2013 8:43:33 AM	93.41
7/10/2014 11:01:22 AM	102.82
7/30/2014 12:13:14 PM	91.45
9/11/2014 10:06:41 AM	91.39
7/9/2015 7:48:49 AM	94.51
8/12/2015 11:01:35 AM	90.11
8/20/2015 7:46:47 AM	91.50
9/23/2015 11:15:18 AM	91.43
6/30/2016 9:06:02 AM	95.06
8/3/2016 11:36:24 AM	90.41
8/24/2016 12:51:21 PM	95.07
9/14/2016 11:09:24 AM	95.62
6/22/2017 7:29:45 AM	98.13
7/20/2017 11:43:29 AM	96.63
8/3/2017 8:08:17 AM	91.33
8/31/2017 9:27:26 AM	91.06
9/14/2017 9:10:43 AM	91.69

Biochemical Oxygen Demand - 5 Day	(mg/l)
7/10/2013 8:59:20 AM	0.52
7/24/2013 9:22:06 AM	0.63
8/15/2013 8:43:33 AM	0.55
7/10/2014 11:01:22 AM	0.51
7/30/2014 12:13:14 PM	0.23
8/7/2014 9:34:22 AM	0.44
9/11/2014 10:06:41 AM	0.28
6/25/2015 9:36:14 AM	1.07
7/9/2015 7:48:49 AM	0.61
8/12/2015 11:01:35 AM	0.27
8/20/2015 7:46:47 AM	0.48
9/23/2015 11:15:18 AM	0.44
8/3/2016 11:36:24 AM	0.56
8/24/2016 12:51:21 PM	0.46
9/14/2016 11:09:24 AM	0.44
6/22/2017 7:29:45 AM	0.84
7/20/2017 11:43:29 AM	0.64
8/3/2017 8:08:17 AM	0.48
8/31/2017 9:27:26 AM	0.37
9/14/2017 9:10:43 AM	0.33

Conductivity	(uS/cm)
7/10/2013 8:59:20 AM	27.70
7/24/2013 9:22:06 AM	33.80
7/10/2014 11:01:22 AM	22.00
7/30/2014 12:13:14 PM	26.20
8/7/2014 9:34:22 AM	27.20
9/11/2014 10:06:41 AM	25.90
6/25/2015 9:36:14 AM	26.10
7/9/2015 7:48:49 AM	28.30
8/12/2015 11:01:35 AM	28.70
8/20/2015 7:46:47 AM	28.30
9/23/2015 11:15:18 AM	30.30
6/30/2016 9:06:02 AM	28.30
8/3/2016 11:36:24 AM	28.10
8/24/2016 12:51:21 PM	31.00
9/14/2016 11:09:24 AM	28.20
6/22/2017 7:29:45 AM	25.80
7/20/2017 11:43:29 AM	26.00
8/3/2017 8:08:17 AM	26.10
8/31/2017 9:27:26 AM	26.70
9/14/2017 9:10:43 AM	24.80

E. coli	(MPN)
7/10/2013 8:59:20 AM	11.00
7/24/2013 9:22:06 AM	214.00
8/15/2013 8:43:33 AM	42.00
7/10/2014 11:01:22 AM	47.00
7/30/2014 12:13:14 PM	58.00
8/7/2014 9:34:22 AM	18.00
9/11/2014 10:06:41 AM	12.00
6/25/2015 9:36:14 AM	16.00
7/9/2015 7:48:49 AM	12.00
8/12/2015 11:01:35 AM	11.00
8/20/2015 7:46:47 AM	10.00
9/23/2015 11:15:18 AM	4.00
6/30/2016 9:06:02 AM	21.00
8/3/2016 11:36:24 AM	8.00
8/24/2016 12:51:21 PM	15.00
9/14/2016 11:09:24 AM	9.00
6/22/2017 7:29:45 AM	22.00
7/20/2017 11:43:29 AM	32.00
8/3/2017 8:08:17 AM	19.00
8/31/2017 9:27:26 AM	13.00
9/14/2017 9:10:43 AM	6.00

Coliform	(MPN)
7/10/2013 8:59:20 AM	2420.00
7/24/2013 9:22:06 AM	1733.00
8/15/2013 8:43:33 AM	980.00
7/10/2014 11:01:22 AM	1733.00
7/30/2014 12:13:14 PM	1733.00
8/7/2014 9:34:22 AM	1120.00
9/11/2014 10:06:41 AM	687.00
6/25/2015 9:36:14 AM	1046.00
7/9/2015 7:48:49 AM	1414.00
8/12/2015 11:01:35 AM	1300.00
8/20/2015 7:46:47 AM	687.00
9/23/2015 11:15:18 AM	579.00
6/30/2016 9:06:02 AM	303.00
8/3/2016 11:36:24 AM	1120.00
8/24/2016 12:51:21 PM	1203.00
9/14/2016 11:09:24 AM	687.00
6/22/2017 7:29:45 AM	549.00
7/20/2017 11:43:29 AM	1414.00
8/3/2017 8:08:17 AM	530.00
8/31/2017 9:27:26 AM	727.00
9/14/2017 9:10:43 AM	613.00

Turbidity	(NTU)
7/10/2013 8:59:20 AM	1.39
7/24/2013 9:22:06 AM	2.19
7/30/2014 12:13:14 PM	0.71
8/7/2014 9:34:22 AM	0.68
9/11/2014 10:06:41 AM	0.66
6/25/2015 9:36:14 AM	0.84
7/9/2015 7:48:49 AM	0.72
8/12/2015 11:01:35 AM	0.81
8/20/2015 7:46:47 AM	0.60
9/23/2015 11:15:18 AM	0.66
6/30/2016 9:06:02 AM	0.56
8/3/2016 11:36:24 AM	0.51
8/24/2016 12:51:21 PM	0.75
9/14/2016 11:09:24 AM	0.71
6/22/2017 7:29:45 AM	0.89
7/20/2017 11:43:29 AM	0.65
8/3/2017 8:08:17 AM	0.45
8/31/2017 9:27:26 AM	0.48

MS1

Penobscot River - Just Downriver of I-95 Bridge and East and West Branch Confluence

Secchi Depth	(m)
9/11/2014 10:06:41 AM	4.83
Site Depth	(m)
7/10/2013 8:59:20 AM	4.50
7/24/2013 9:22:06 AM	1.00
8/15/2013 8:43:33 AM	0.30
7/10/2014 11:01:22 AM	4.60
7/30/2014 12:13:14 PM	4.90
8/7/2014 9:34:22 AM	4.60
9/11/2014 10:06:41 AM	4.83
6/25/2015 9:36:14 AM	4.60
7/9/2015 7:48:49 AM	5.00
8/12/2015 11:01:35 AM	4.80
8/20/2015 7:46:47 AM	4.90
9/23/2015 11:15:18 AM	4.70
6/30/2016 9:06:02 AM	4.60
8/3/2016 11:36:24 AM	4.60
8/24/2016 12:51:21 PM	4.70
9/14/2016 11:09:24 AM	4.80
6/22/2017 7:29:45 AM	4.80
7/20/2017 11:43:29 AM	4.70
8/3/2017 8:08:17 AM	4.40
8/31/2017 9:27:26 AM	4.30
9/14/2017 9:10:43 AM	4.80

MW1

Penobscot River - Just Upriver of Mattawamkeag River Confluence

pH	(None)
6/28/2017 10:17:03 AM	6.91
7/20/2017 10:11:37 AM	6.97
8/10/2017 7:37:32 AM	6.88
8/24/2017 7:44:28 AM	6.84
9/14/2017 7:52:16 AM	6.94

Temperature - water	(deg C)
6/20/2013 9:40:29 AM	17.70
7/25/2013 12:39:40 PM	22.00
8/7/2013 7:07:01 AM	20.20
7/1/2014 10:04:51 AM	22.00
7/17/2014 10:00:06 AM	22.40
8/6/2014 10:49:18 AM	22.60
9/4/2014 8:00:00 AM	20.30
6/17/2015 10:16:11 AM	18.40
6/25/2015 10:14:49 AM	17.90
7/9/2015 10:32:43 AM	22.00
7/22/2015 10:27:54 AM	21.70
8/12/2015 11:08:27 AM	21.90
9/15/2015 10:42:06 AM	20.00
6/22/2016 11:04:52 AM	19.70
7/21/2016 8:07:17 AM	21.30
9/1/2016 8:06:36 AM	21.60
6/28/2017 10:17:03 AM	20.80
7/20/2017 10:11:37 AM	23.40
8/10/2017 7:37:32 AM	20.20
8/24/2017 7:44:28 AM	20.60
9/14/2017 7:52:16 AM	17.90

Dissolved Oxygen	(mg/l)
6/20/2013 9:40:29 AM	9.80
7/25/2013 12:39:40 PM	8.07
8/7/2013 7:07:01 AM	8.29
7/1/2014 10:04:51 AM	8.40
7/17/2014 10:00:06 AM	8.29
8/6/2014 10:49:18 AM	8.50
9/4/2014 8:00:00 AM	8.23
6/17/2015 10:16:11 AM	8.87
6/25/2015 10:14:49 AM	9.06
7/9/2015 10:32:43 AM	8.58
7/22/2015 10:27:54 AM	8.32
8/12/2015 11:08:27 AM	8.68
9/15/2015 10:42:06 AM	8.49
6/22/2016 11:04:52 AM	8.85
7/21/2016 8:07:17 AM	8.03
9/1/2016 8:06:36 AM	8.01
6/28/2017 10:17:03 AM	8.60
7/20/2017 10:11:37 AM	8.20
8/10/2017 7:37:32 AM	8.01
8/24/2017 7:44:28 AM	8.08
9/14/2017 7:52:16 AM	8.72

Dissolved Oxygen - Percent Saturation	(%)
6/20/2013 9:40:29 AM	102.88
7/25/2013 12:39:40 PM	92.29
8/7/2013 7:07:01 AM	91.54
7/1/2014 10:04:51 AM	96.07
7/17/2014 10:00:06 AM	95.54
9/4/2014 8:00:00 AM	91.05
6/17/2015 10:16:11 AM	94.46
6/25/2015 10:14:49 AM	95.50
7/9/2015 10:32:43 AM	98.13
7/22/2015 10:27:54 AM	94.60
8/12/2015 11:08:27 AM	99.08
9/15/2015 10:42:06 AM	93.37
6/22/2016 11:04:52 AM	96.75
7/21/2016 8:07:17 AM	90.60
9/1/2016 8:06:36 AM	90.90
6/28/2017 10:17:03 AM	96.09
7/20/2017 10:11:37 AM	96.32
8/10/2017 7:37:32 AM	88.45
8/24/2017 7:44:28 AM	89.93
9/14/2017 7:52:16 AM	91.92
Biochemical Oxygen Demand - 5 Day	(mg/l)
6/20/2013 9:40:29 AM	1.11
7/25/2013 12:39:40 PM	0.78
8/7/2013 7:07:01 AM	0.63
7/17/2014 10:00:06 AM	0.58
8/6/2014 10:49:18 AM	0.38
9/4/2014 8:00:00 AM	0.22
6/17/2015 10:16:11 AM	0.63
6/25/2015 10:14:49 AM	0.80
7/9/2015 10:32:43 AM	0.72
7/22/2015 10:27:54 AM	0.64
8/12/2015 11:08:27 AM	0.79
6/22/2016 11:04:52 AM	0.63
7/21/2016 8:07:17 AM	0.44
9/1/2016 8:06:36 AM	0.35
6/28/2017 10:17:03 AM	1.03
7/20/2017 10:11:37 AM	0.60
8/10/2017 7:37:32 AM	0.58
8/24/2017 7:44:28 AM	0.55
9/14/2017 7:52:16 AM	0.48

Conductivity	(uS/cm)
6/20/2013 9:40:29 AM	27.20
7/25/2013 12:39:40 PM	31.20
8/7/2013 7:07:01 AM	32.70
7/1/2014 10:04:51 AM	30.10
7/17/2014 10:00:06 AM	29.30
8/6/2014 10:49:18 AM	31.70
9/4/2014 8:00:00 AM	29.10
6/17/2015 10:16:11 AM	35.10
6/25/2015 10:14:49 AM	28.60
7/9/2015 10:32:43 AM	29.60
7/22/2015 10:27:54 AM	29.30
8/12/2015 11:08:27 AM	44.50
9/15/2015 10:42:06 AM	31.90
6/22/2016 11:04:52 AM	30.20
7/21/2016 8:07:17 AM	30.90
9/1/2016 8:06:36 AM	30.80
6/28/2017 10:17:03 AM	28.70
7/20/2017 10:11:37 AM	27.10
8/10/2017 7:37:32 AM	28.40
8/24/2017 7:44:28 AM	33.10
9/14/2017 7:52:16 AM	27.60

E. coli	(MPN)
6/20/2013 9:40:29 AM	14.00
7/25/2013 12:39:40 PM	84.00
8/7/2013 7:07:01 AM	17.00
7/1/2014 10:04:51 AM	23.00
7/17/2014 10:00:06 AM	50.00
8/6/2014 10:49:18 AM	59.00
9/4/2014 8:00:00 AM	11.00
6/17/2015 10:16:11 AM	10.00
6/25/2015 10:14:49 AM	20.00
7/9/2015 10:32:43 AM	91.00
7/22/2015 10:27:54 AM	40.00
8/12/2015 11:08:27 AM	129.00
9/15/2015 10:42:06 AM	68.00
6/22/2016 11:04:52 AM	8.00
7/21/2016 8:07:17 AM	13.00
9/1/2016 8:06:36 AM	30.00
6/28/2017 10:17:03 AM	26.00
7/20/2017 10:11:37 AM	16.00
8/10/2017 7:37:32 AM	16.00
8/24/2017 7:44:28 AM	13.00
9/14/2017 7:52:16 AM	11.00

Coliform	(MPN)
6/20/2013 9:40:29 AM	921.00
7/25/2013 12:39:40 PM	2420.00
8/7/2013 7:07:01 AM	1733.00
7/1/2014 10:04:51 AM	1120.00
7/17/2014 10:00:06 AM	1300.00
8/6/2014 10:49:18 AM	1120.00
9/4/2014 8:00:00 AM	1203.00
6/17/2015 10:16:11 AM	1046.00
6/25/2015 10:14:49 AM	687.00
7/9/2015 10:32:43 AM	2420.00
7/22/2015 10:27:54 AM	1733.00
8/12/2015 11:08:27 AM	2420.00
9/15/2015 10:42:06 AM	1300.00
6/22/2016 11:04:52 AM	435.00
7/21/2016 8:07:17 AM	1300.00
9/1/2016 8:06:36 AM	1120.00
6/28/2017 10:17:03 AM	1300.00
7/20/2017 10:11:37 AM	1300.00
8/10/2017 7:37:32 AM	1300.00
8/24/2017 7:44:28 AM	1300.00
9/14/2017 7:52:16 AM	649.00

Turbidity	(NTU)
6/20/2013 9:40:29 AM	1.16
7/25/2013 12:39:40 PM	2.67
8/7/2013 7:07:01 AM	1.61
7/17/2014 10:00:06 AM	1.06
8/6/2014 10:49:18 AM	0.75
9/4/2014 8:00:00 AM	0.66
6/17/2015 10:16:11 AM	1.13
6/25/2015 10:14:49 AM	1.42
7/9/2015 10:32:43 AM	1.19
7/22/2015 10:27:54 AM	0.89
8/12/2015 11:08:27 AM	1.74
9/15/2015 10:42:06 AM	0.93
6/22/2016 11:04:52 AM	0.67
7/21/2016 8:07:17 AM	0.49
9/1/2016 8:06:36 AM	0.61
6/28/2017 10:17:03 AM	1.05
7/20/2017 10:11:37 AM	0.63
8/10/2017 7:37:32 AM	0.53
8/24/2017 7:44:28 AM	0.45
9/14/2017 7:52:16 AM	0.52
Site Depth	(m)
8/7/2013 7:07:01 AM	0.50
7/1/2014 10:04:51 AM	0.25
7/17/2014 10:00:06 AM	0.50
8/6/2014 10:49:18 AM	0.50
6/17/2015 10:16:11 AM	0.50
6/25/2015 10:14:49 AM	1.00
7/22/2015 10:27:54 AM	0.50
8/12/2015 11:08:27 AM	0.50
9/15/2015 10:42:06 AM	0.50
6/22/2016 11:04:52 AM	0.50
6/28/2017 10:17:03 AM	0.50
7/20/2017 10:11:37 AM	0.50
8/10/2017 7:37:32 AM	0.20
8/24/2017 7:44:28 AM	0.20
9/14/2017 7:52:16 AM	0.20

pH	(None)
7/20/2017 11:57:54 AM	6.87
8/3/2017 7:51:47 AM	6.68
9/14/2017 8:58:08 AM	6.81

Temperature - water	(deg C)
7/10/2013 8:49:24 AM	22.40
8/15/2013 9:08:37 AM	20.90
7/10/2014 11:22:59 AM	21.70
7/30/2014 12:27:27 PM	22.90
8/7/2014 9:24:46 AM	23.20
9/11/2014 10:17:46 AM	20.40
6/25/2015 9:55:45 AM	18.40
7/9/2015 7:37:50 AM	21.60
8/12/2015 11:12:40 AM	22.20
8/20/2015 7:34:33 AM	24.10
9/23/2015 11:05:36 AM	20.20
6/30/2016 8:58:34 AM	21.50
8/3/2016 11:57:25 AM	24.40
9/14/2016 11:22:18 AM	20.50
6/22/2017 7:21:21 AM	19.30
7/20/2017 11:57:54 AM	24.00
8/3/2017 7:51:47 AM	23.00
8/31/2017 9:54:46 AM	20.30
9/14/2017 8:58:08 AM	18.80

Dissolved Oxygen	(mg/l)
7/10/2013 8:49:24 AM	7.90
8/15/2013 9:08:37 AM	7.90
7/10/2014 11:22:59 AM	8.96
7/30/2014 12:27:27 PM	7.79
8/7/2014 9:24:46 AM	7.69
9/11/2014 10:17:46 AM	8.09
6/25/2015 9:55:45 AM	9.10
7/9/2015 7:37:50 AM	8.80
8/12/2015 11:12:40 AM	7.64
8/20/2015 7:34:33 AM	7.54
9/23/2015 11:05:36 AM	8.12
6/30/2016 8:58:34 AM	8.44
8/3/2016 11:57:25 AM	7.52
9/14/2016 11:22:18 AM	8.62
6/22/2017 7:21:21 AM	9.15
7/20/2017 11:57:54 AM	8.05
8/3/2017 7:51:47 AM	7.39
8/31/2017 9:54:46 AM	8.10
9/14/2017 8:58:08 AM	8.52

Dissolved Oxygen - Percent Saturation	(%)
7/10/2013 8:49:24 AM	91.05
8/15/2013 9:08:37 AM	88.44
7/10/2014 11:22:59 AM	101.88
7/30/2014 12:27:27 PM	90.64
9/11/2014 10:17:46 AM	89.68
6/25/2015 9:55:45 AM	96.91
7/9/2015 7:37:50 AM	99.87
8/12/2015 11:12:40 AM	87.71
8/20/2015 7:34:33 AM	89.73
9/23/2015 11:05:36 AM	89.66
6/30/2016 8:58:34 AM	95.60
8/3/2016 11:57:25 AM	90.00
9/14/2016 11:22:18 AM	95.75
6/22/2017 7:21:21 AM	99.24
7/20/2017 11:57:54 AM	95.63
8/3/2017 7:51:47 AM	86.15
8/31/2017 9:54:46 AM	89.62
9/14/2017 8:58:08 AM	91.48

Biochemical Oxygen Demand - 5 Day	(mg/l)
7/10/2013 8:49:24 AM	0.62
8/15/2013 9:08:37 AM	0.57
7/10/2014 11:22:59 AM	0.54
7/30/2014 12:27:27 PM	0.35
8/7/2014 9:24:46 AM	0.46
9/11/2014 10:17:46 AM	0.45
6/25/2015 9:55:45 AM	0.88
7/9/2015 7:37:50 AM	0.58
8/12/2015 11:12:40 AM	0.20
8/20/2015 7:34:33 AM	0.47
9/23/2015 11:05:36 AM	0.47
8/3/2016 11:57:25 AM	0.49
9/14/2016 11:22:18 AM	0.44
6/22/2017 7:21:21 AM	0.85
7/20/2017 11:57:54 AM	0.66
8/3/2017 7:51:47 AM	0.32
8/31/2017 9:54:46 AM	0.38
9/14/2017 8:58:08 AM	0.33

Conductivity	(uS/cm)
7/10/2013 8:49:24 AM	26.90
7/10/2014 11:22:59 AM	23.00
7/30/2014 12:27:27 PM	25.40
8/7/2014 9:24:46 AM	25.50
9/11/2014 10:17:46 AM	24.80
6/25/2015 9:55:45 AM	25.20
7/9/2015 7:37:50 AM	26.00
8/12/2015 11:12:40 AM	26.90
8/20/2015 7:34:33 AM	28.20
9/23/2015 11:05:36 AM	26.80
6/30/2016 8:58:34 AM	27.00
8/3/2016 11:57:25 AM	27.60
9/14/2016 11:22:18 AM	27.60
6/22/2017 7:21:21 AM	24.80
7/20/2017 11:57:54 AM	25.00
8/3/2017 7:51:47 AM	24.80
8/31/2017 9:54:46 AM	25.50
9/14/2017 8:58:08 AM	24.20

E. coli	(MPN)
7/10/2013 8:49:24 AM	10.00
8/15/2013 9:08:37 AM	12.00
7/10/2014 11:22:59 AM	28.00
7/30/2014 12:27:27 PM	28.00
8/7/2014 9:24:46 AM	17.00
9/11/2014 10:17:46 AM	6.00
6/25/2015 9:55:45 AM	12.00
7/9/2015 7:37:50 AM	11.00
8/12/2015 11:12:40 AM	9.00
8/20/2015 7:34:33 AM	8.00
9/23/2015 11:05:36 AM	9.00
6/30/2016 8:58:34 AM	14.00
8/3/2016 11:57:25 AM	7.00
9/14/2016 11:22:18 AM	4.00
6/22/2017 7:21:21 AM	20.00
7/20/2017 11:57:54 AM	18.00
8/3/2017 7:51:47 AM	11.00
8/31/2017 9:54:46 AM	10.00
9/14/2017 8:58:08 AM	9.00

Coliform	(MPN)
7/10/2013 8:49:24 AM	980.00
8/15/2013 9:08:37 AM	602.00
7/10/2014 11:22:59 AM	1986.00
7/30/2014 12:27:27 PM	2420.00
8/7/2014 9:24:46 AM	649.00
9/11/2014 10:17:46 AM	770.00
6/25/2015 9:55:45 AM	727.00
7/9/2015 7:37:50 AM	1553.00
8/12/2015 11:12:40 AM	866.00
8/20/2015 7:34:33 AM	649.00
9/23/2015 11:05:36 AM	416.00
6/30/2016 8:58:34 AM	816.00
8/3/2016 11:57:25 AM	1300.00
9/14/2016 11:22:18 AM	649.00
6/22/2017 7:21:21 AM	488.00
7/20/2017 11:57:54 AM	921.00
8/3/2017 7:51:47 AM	921.00
8/31/2017 9:54:46 AM	548.00
9/14/2017 8:58:08 AM	649.00

Turbidity	(NTU)
7/10/2013 8:49:24 AM	0.96
7/30/2014 12:27:27 PM	0.69
8/7/2014 9:24:46 AM	0.84
9/11/2014 10:17:46 AM	0.63
6/25/2015 9:55:45 AM	0.68
7/9/2015 7:37:50 AM	0.74
8/12/2015 11:12:40 AM	0.48
8/20/2015 7:34:33 AM	0.61
9/23/2015 11:05:36 AM	0.54
6/30/2016 8:58:34 AM	0.69
8/3/2016 11:57:25 AM	0.51
9/14/2016 11:22:18 AM	0.60
6/22/2017 7:21:21 AM	0.90
7/20/2017 11:57:54 AM	0.50
8/3/2017 7:51:47 AM	0.45
8/31/2017 9:54:46 AM	0.41
Site Depth	(m)
7/10/2013 8:49:24 AM	1.80
8/15/2013 9:08:37 AM	0.50
7/10/2014 11:22:59 AM	2.50
7/30/2014 12:27:27 PM	1.50
8/7/2014 9:24:46 AM	1.90
9/11/2014 10:17:46 AM	2.40
6/25/2015 9:55:45 AM	2.50
7/9/2015 7:37:50 AM	2.00
8/12/2015 11:12:40 AM	2.20
8/20/2015 7:34:33 AM	1.80
9/23/2015 11:05:36 AM	1.60
6/30/2016 8:58:34 AM	2.30
8/3/2016 11:57:25 AM	2.00
9/14/2016 11:22:18 AM	2.60
6/22/2017 7:21:21 AM	2.20
7/20/2017 11:57:54 AM	2.20
8/3/2017 7:51:47 AM	2.00
8/31/2017 9:54:46 AM	1.30
9/14/2017 8:58:08 AM	1.90

pH	(None)
6/15/2017 7:14:00 AM	7.04
7/13/2017 7:00:59 AM	7.13
7/26/2017 8:01:06 AM	6.94
8/23/2017 8:09:38 AM	6.94
8/30/2017 7:48:38 AM	6.90
9/13/2017 7:55:23 AM	7.03
Temperature - water	(deg C)
6/12/2013 6:45:58 AM	15.00
7/10/2013 8:43:26 AM	22.40
8/1/2013 7:06:47 AM	22.10
8/7/2013 1:11:25 PM	21.90
8/21/2013 9:53:13 AM	22.30
7/9/2014 6:53:19 AM	20.10
7/24/2014 7:37:54 AM	23.70
8/6/2014 6:58:18 AM	22.80
8/20/2014 1:32:27 PM	21.70
8/28/2014 7:26:18 AM	22.70
9/17/2014 8:08:43 AM	17.40
6/18/2015 6:48:02 AM	17.70
7/8/2015 6:52:22 AM	20.80
7/22/2015 6:54:50 AM	21.10
8/13/2015 7:20:22 AM	21.60
9/9/2015 8:21:14 AM	23.10
7/20/2016 7:53:32 AM	21.30
8/10/2016 6:51:38 AM	22.30
9/7/2016 7:15:15 AM	21.80
6/15/2017 7:14:00 AM	17.20
7/13/2017 7:00:59 AM	21.30
7/26/2017 8:01:06 AM	22.10
8/23/2017 8:09:38 AM	21.40
8/30/2017 7:48:38 AM	20.80
9/13/2017 7:55:23 AM	18.10

Dissolved Oxygen	(mg/l)
6/12/2013 6:45:58 AM	9.36
7/10/2013 8:43:26 AM	8.40
8/1/2013 7:06:47 AM	8.10
8/7/2013 1:11:25 PM	8.16
8/21/2013 9:53:13 AM	8.30
7/9/2014 6:53:19 AM	8.57
7/24/2014 7:37:54 AM	8.04
8/6/2014 6:58:18 AM	8.15
8/20/2014 1:32:27 PM	8.13
8/28/2014 7:26:18 AM	8.11
9/17/2014 8:08:43 AM	8.66
6/18/2015 6:48:02 AM	9.20
7/8/2015 6:52:22 AM	8.67
7/22/2015 6:54:50 AM	8.47
8/13/2015 7:20:22 AM	8.07
9/9/2015 8:21:14 AM	7.91
7/20/2016 7:53:32 AM	8.27
8/10/2016 6:51:38 AM	7.85
9/7/2016 7:15:15 AM	8.27
6/15/2017 7:14:00 AM	9.61
7/13/2017 7:00:59 AM	8.39
7/26/2017 8:01:06 AM	8.07
8/23/2017 8:09:38 AM	8.12
8/30/2017 7:48:38 AM	8.32
9/13/2017 7:55:23 AM	8.80

Dissolved Oxygen - Percent Saturation	(%)
6/12/2013 6:45:58 AM	92.82
7/10/2013 8:43:26 AM	96.81
8/1/2013 7:06:47 AM	92.82
8/7/2013 1:11:25 PM	93.14
8/21/2013 9:53:13 AM	95.47
7/9/2014 6:53:19 AM	94.44
7/24/2014 7:37:54 AM	94.97
8/6/2014 6:58:18 AM	94.65
8/20/2014 1:32:27 PM	92.44
8/28/2014 7:26:18 AM	94.00
9/17/2014 8:08:43 AM	90.35
6/18/2015 6:48:02 AM	96.58
7/8/2015 6:52:22 AM	96.87
7/22/2015 6:54:50 AM	95.19
8/13/2015 7:20:22 AM	91.58
9/9/2015 8:21:14 AM	92.39
7/20/2016 7:53:32 AM	93.31
8/10/2016 6:51:38 AM	90.30
9/7/2016 7:15:15 AM	94.22
6/15/2017 7:14:00 AM	99.85
7/13/2017 7:00:59 AM	94.66
7/26/2017 8:01:06 AM	92.47
8/23/2017 8:09:38 AM	91.80
8/30/2017 7:48:38 AM	92.96
9/13/2017 7:55:23 AM	93.15

Biochemical Oxygen Demand - 5 Day	(mg/l)
6/12/2013 6:45:58 AM	1.10
7/10/2013 8:43:26 AM	0.26
8/1/2013 7:06:47 AM	0.46
8/21/2013 9:53:13 AM	0.34
7/9/2014 6:53:19 AM	0.17
7/24/2014 7:37:54 AM	0.23
8/6/2014 6:58:18 AM	0.20
8/28/2014 7:26:18 AM	0.33
9/17/2014 8:08:43 AM	0.25
6/18/2015 6:48:02 AM	0.35
7/8/2015 6:52:22 AM	0.41
7/22/2015 6:54:50 AM	0.31
8/13/2015 7:20:22 AM	0.46
9/9/2015 8:21:14 AM	0.53
7/20/2016 7:53:32 AM	0.48
8/10/2016 6:51:38 AM	0.23
9/7/2016 7:15:15 AM	0.25
6/15/2017 7:14:00 AM	0.93
7/13/2017 7:00:59 AM	0.40
7/26/2017 8:01:06 AM	0.45
8/23/2017 8:09:38 AM	0.42
9/13/2017 7:55:23 AM	0.22

Conductivity	(uS/cm)
6/12/2013 6:45:58 AM	26.50
7/10/2013 8:43:26 AM	25.20
8/1/2013 7:06:47 AM	25.40
8/21/2013 9:53:13 AM	25.70
7/9/2014 6:53:19 AM	23.60
7/24/2014 7:37:54 AM	24.10
8/6/2014 6:58:18 AM	24.40
8/28/2014 7:26:18 AM	25.30
9/17/2014 8:08:43 AM	25.40
6/18/2015 6:48:02 AM	25.60
7/8/2015 6:52:22 AM	24.50
7/22/2015 6:54:50 AM	24.50
8/13/2015 7:20:22 AM	25.10
9/9/2015 8:21:14 AM	28.70
7/20/2016 7:53:32 AM	25.10
8/10/2016 6:51:38 AM	26.90
9/7/2016 7:15:15 AM	26.80
6/15/2017 7:14:00 AM	23.30
7/13/2017 7:00:59 AM	22.50
7/26/2017 8:01:06 AM	23.00
8/23/2017 8:09:38 AM	24.50
8/30/2017 7:48:38 AM	24.10
9/13/2017 7:55:23 AM	23.80

E. coli	(MPN)
6/12/2013 6:45:58 AM	4.00
7/10/2013 8:43:26 AM	13.00
8/1/2013 7:06:47 AM	10.00
8/21/2013 9:53:13 AM	8.00
7/9/2014 6:53:19 AM	5.00
7/24/2014 7:37:54 AM	11.00
8/6/2014 6:58:18 AM	26.00
8/28/2014 7:26:18 AM	31.00
9/17/2014 8:08:43 AM	4.00
6/18/2015 6:48:02 AM	3.00
7/8/2015 6:52:22 AM	8.00
7/22/2015 6:54:50 AM	17.00
8/13/2015 7:20:22 AM	7.00
9/9/2015 8:21:14 AM	2.00
7/20/2016 7:53:32 AM	8.00
8/10/2016 6:51:38 AM	9.00
9/7/2016 7:15:15 AM	2.00
6/15/2017 7:14:00 AM	1.00
7/13/2017 7:00:59 AM	4.00
7/26/2017 8:01:06 AM	3.00
8/23/2017 8:09:38 AM	11.00
8/30/2017 7:48:38 AM	5.00
9/13/2017 7:55:23 AM	5.00

Coliform	(MPN)
6/12/2013 6:45:58 AM	236.00
7/10/2013 8:43:26 AM	816.00
8/1/2013 7:06:47 AM	2420.00
8/21/2013 9:53:13 AM	548.00
7/9/2014 6:53:19 AM	517.00
7/24/2014 7:37:54 AM	1986.00
8/6/2014 6:58:18 AM	1203.00
8/28/2014 7:26:18 AM	816.00
9/17/2014 8:08:43 AM	579.00
6/18/2015 6:48:02 AM	219.00
7/8/2015 6:52:22 AM	308.00
7/22/2015 6:54:50 AM	411.00
8/13/2015 7:20:22 AM	291.00
9/9/2015 8:21:14 AM	1553.00
7/20/2016 7:53:32 AM	613.00
8/10/2016 6:51:38 AM	1046.00
9/7/2016 7:15:15 AM	525.00
6/15/2017 7:14:00 AM	196.00
7/13/2017 7:00:59 AM	308.00
7/26/2017 8:01:06 AM	866.00
8/23/2017 8:09:38 AM	727.00
8/30/2017 7:48:38 AM	1203.00
9/13/2017 7:55:23 AM	205.00

Turbidity	(NTU)
6/12/2013 6:45:58 AM	0.60
7/10/2013 8:43:26 AM	0.92
8/1/2013 7:06:47 AM	0.51
8/21/2013 9:53:13 AM	0.46
7/24/2014 7:37:54 AM	0.56
8/6/2014 6:58:18 AM	0.48
8/28/2014 7:26:18 AM	0.40
9/17/2014 8:08:43 AM	0.53
6/18/2015 6:48:02 AM	0.54
7/8/2015 6:52:22 AM	0.64
7/22/2015 6:54:50 AM	0.43
8/13/2015 7:20:22 AM	0.36
9/9/2015 8:21:14 AM	0.38
7/20/2016 7:53:32 AM	0.47
8/10/2016 6:51:38 AM	0.56
9/7/2016 7:15:15 AM	0.42
6/15/2017 7:14:00 AM	0.71
7/13/2017 7:00:59 AM	0.48
7/26/2017 8:01:06 AM	0.35
8/23/2017 8:09:38 AM	0.39
8/30/2017 7:48:38 AM	0.39
9/13/2017 7:55:23 AM	0.45

WBU1

West Branch Penobscot River - Upriver of Route 11 Bridge

Site Depth	(m)
6/12/2013 6:45:58 AM	1.10
8/1/2013 7:06:47 AM	0.50
7/9/2014 6:53:19 AM	0.50
7/24/2014 7:37:54 AM	0.90
8/28/2014 7:26:18 AM	0.30
9/17/2014 8:08:43 AM	0.80
6/18/2015 6:48:02 AM	1.00
7/8/2015 6:52:22 AM	0.90
7/22/2015 6:54:50 AM	0.80
8/13/2015 7:20:22 AM	1.50
9/9/2015 8:21:14 AM	1.00
7/20/2016 7:53:32 AM	0.80
9/7/2016 7:15:15 AM	0.80
6/15/2017 7:14:00 AM	1.10
7/26/2017 8:01:06 AM	1.00
8/23/2017 8:09:38 AM	0.30
8/30/2017 7:48:38 AM	0.50
9/13/2017 7:55:23 AM	0.40

Chlorophyll a	(ug/l)
8/21/2013 9:53:13 AM	2.40
8/6/2014 6:58:18 AM	2.30
8/28/2014 7:26:18 AM	1.80
7/8/2015 6:52:22 AM	2.00

Total Phosphorus	(ug/l)
8/21/2013 9:53:13 AM	5.40
8/6/2014 6:58:18 AM	6.00
8/28/2014 7:26:18 AM	6.00
7/8/2015 6:52:22 AM	7.00

WD1

Penobscot River - Weldon (Mattaseunk) Impoundment - River Left

pH	(None)
7/20/2017 11:11:18 AM	7.02
8/3/2017 9:01:58 AM	7.92
9/14/2017 9:49:55 AM	6.96

Temperature - water	(deg C)
7/10/2013 7:31:25 AM	23.50
7/10/2014 9:52:52 AM	22.50
8/7/2014 7:44:31 AM	23.30
9/11/2014 9:35:00 AM	20.70
6/25/2015 8:59:41 AM	18.10
7/9/2015 8:40:54 AM	22.00
8/12/2015 10:20:05 AM	22.70
8/20/2015 8:23:50 AM	25.30
9/23/2015 12:05:47 PM	20.20
6/30/2016 9:39:37 AM	22.20
8/3/2016 10:31:58 AM	25.80
8/24/2016 11:22:31 AM	22.70
9/14/2016 10:29:43 AM	20.70
6/22/2017 8:11:02 AM	20.20
7/20/2017 11:11:18 AM	24.80
8/3/2017 9:01:58 AM	24.20
8/31/2017 8:43:53 AM	20.40
9/14/2017 9:49:55 AM	19.20

Dissolved Oxygen	(mg/l)
7/10/2013 7:31:25 AM	8.20
7/10/2014 9:52:52 AM	8.43
8/7/2014 7:44:31 AM	7.78
9/11/2014 9:35:00 AM	8.21
6/25/2015 8:59:41 AM	9.14
7/9/2015 8:40:54 AM	8.47
8/12/2015 10:20:05 AM	7.91
8/20/2015 8:23:50 AM	7.85
9/23/2015 12:05:47 PM	7.90
6/30/2016 9:39:37 AM	8.24
8/3/2016 10:31:58 AM	7.90
8/24/2016 11:22:31 AM	8.16
9/14/2016 10:29:43 AM	8.23
6/22/2017 8:11:02 AM	8.75
7/20/2017 11:11:18 AM	8.38
8/3/2017 9:01:58 AM	8.00
8/31/2017 8:43:53 AM	8.25
9/14/2017 9:49:55 AM	8.73

Dissolved Oxygen - Percent Saturation	(%)
7/10/2013 7:31:25 AM	96.50
7/10/2014 9:52:52 AM	97.34
9/11/2014 9:35:00 AM	91.55
6/25/2015 8:59:41 AM	96.74
7/9/2015 8:40:54 AM	96.87
8/12/2015 10:20:05 AM	91.69
8/20/2015 8:23:50 AM	95.52
9/23/2015 12:05:47 PM	87.23
6/30/2016 9:39:37 AM	94.60
8/3/2016 10:31:58 AM	97.01
8/24/2016 11:22:31 AM	94.58
9/14/2016 10:29:43 AM	91.78
6/22/2017 8:11:02 AM	96.62
7/20/2017 11:11:18 AM	101.04
8/3/2017 9:01:58 AM	95.39
8/31/2017 8:43:53 AM	91.46
9/14/2017 9:49:55 AM	94.49

Biochemical Oxygen Demand - 5 Day	(mg/l)
7/10/2013 7:31:25 AM	0.64
7/10/2014 9:52:52 AM	0.69
7/30/2014 10:51:44 AM	0.55
8/7/2014 7:44:31 AM	0.32
9/11/2014 9:35:00 AM	0.52
6/25/2015 8:59:41 AM	0.93
7/9/2015 8:40:54 AM	0.60
8/12/2015 10:20:05 AM	0.58
8/20/2015 8:23:50 AM	0.56
9/23/2015 12:05:47 PM	0.74
8/3/2016 10:31:58 AM	0.62
8/24/2016 11:22:31 AM	0.51
9/14/2016 10:29:43 AM	0.52
6/22/2017 8:11:02 AM	0.80
7/20/2017 11:11:18 AM	0.80
8/3/2017 9:01:58 AM	0.59
8/31/2017 8:43:53 AM	0.49
9/14/2017 9:49:55 AM	0.44

Conductivity	(uS/cm)
7/10/2013 7:31:25 AM	28.40
7/10/2014 9:52:52 AM	25.00
7/30/2014 10:51:44 AM	27.90
8/7/2014 7:44:31 AM	28.00
9/11/2014 9:35:00 AM	27.10
6/25/2015 8:59:41 AM	28.20
7/9/2015 8:40:54 AM	28.60
8/12/2015 10:20:05 AM	28.40
8/20/2015 8:23:50 AM	28.40
9/23/2015 12:05:47 PM	35.60
6/30/2016 9:39:37 AM	28.80
8/3/2016 10:31:58 AM	29.50
8/24/2016 11:22:31 AM	30.00
9/14/2016 10:29:43 AM	29.20
6/22/2017 8:11:02 AM	27.30
7/20/2017 11:11:18 AM	26.40
8/3/2017 9:01:58 AM	25.70
8/31/2017 8:43:53 AM	26.60
9/14/2017 9:49:55 AM	26.30

E. coli	(MPN)
7/10/2013 7:31:25 AM	9.00
7/10/2014 9:52:52 AM	20.00
7/30/2014 10:51:44 AM	8.00
8/7/2014 7:44:31 AM	3.00
9/11/2014 9:35:00 AM	1.00
6/25/2015 8:59:41 AM	14.00
7/9/2015 8:40:54 AM	2.00
8/12/2015 10:20:05 AM	16.00
8/20/2015 8:23:50 AM	15.00
9/23/2015 12:05:47 PM	3.00
6/30/2016 9:39:37 AM	1.00
8/3/2016 10:31:58 AM	1.00
8/24/2016 11:22:31 AM	2.00
9/14/2016 10:29:43 AM	6.00
6/22/2017 8:11:02 AM	32.00
7/20/2017 11:11:18 AM	6.00
8/3/2017 9:01:58 AM	6.00
8/31/2017 8:43:53 AM	2.00
9/14/2017 9:49:55 AM	3.00

Coliform	(MPN)
7/10/2013 7:31:25 AM	435.00
7/10/2014 9:52:52 AM	1986.00
7/30/2014 10:51:44 AM	579.00
8/7/2014 7:44:31 AM	345.00
9/11/2014 9:35:00 AM	378.00
6/25/2015 8:59:41 AM	457.00
7/9/2015 8:40:54 AM	308.00
8/12/2015 10:20:05 AM	461.00
8/20/2015 8:23:50 AM	435.00
9/23/2015 12:05:47 PM	228.00
6/30/2016 9:39:37 AM	249.00
8/3/2016 10:31:58 AM	186.00
8/24/2016 11:22:31 AM	435.00
9/14/2016 10:29:43 AM	517.00
6/22/2017 8:11:02 AM	479.00
7/20/2017 11:11:18 AM	291.00
8/3/2017 9:01:58 AM	276.00
8/31/2017 8:43:53 AM	387.00
9/14/2017 9:49:55 AM	326.00

Turbidity	(NTU)
7/10/2013 7:31:25 AM	0.88
7/30/2014 10:51:44 AM	0.61
8/7/2014 7:44:31 AM	0.83
9/11/2014 9:35:00 AM	0.76
6/25/2015 8:59:41 AM	1.01
7/9/2015 8:40:54 AM	1.06
8/12/2015 10:20:05 AM	0.89
8/20/2015 8:23:50 AM	0.72
9/23/2015 12:05:47 PM	0.72
6/30/2016 9:39:37 AM	0.95
8/3/2016 10:31:58 AM	0.59
8/24/2016 11:22:31 AM	0.52
9/14/2016 10:29:43 AM	0.75
6/22/2017 8:11:02 AM	0.90
7/20/2017 11:11:18 AM	0.73
8/3/2017 9:01:58 AM	0.54
8/31/2017 8:43:53 AM	0.45

Secchi Depth	(m)
7/10/2013 7:31:25 AM	3.63
7/10/2014 9:52:52 AM	3.70
8/7/2014 7:44:31 AM	4.30
9/11/2014 9:35:00 AM	4.45
6/25/2015 8:59:41 AM	3.55
7/9/2015 8:40:54 AM	3.50
8/12/2015 10:20:05 AM	4.12
8/20/2015 8:23:50 AM	4.57
9/23/2015 12:05:47 PM	5.25
6/30/2016 9:39:37 AM	4.08
8/3/2016 10:31:58 AM	4.40
8/24/2016 11:22:31 AM	5.05
9/14/2016 10:29:43 AM	4.83
6/22/2017 8:11:02 AM	3.38
7/20/2017 11:11:18 AM	4.01
8/3/2017 9:01:58 AM	4.31
8/31/2017 8:43:53 AM	5.43
9/14/2017 9:49:55 AM	5.17

Site Depth	(m)
7/10/2013 7:31:25 AM	5.20
7/10/2014 9:52:52 AM	8.30
7/30/2014 10:51:44 AM	5.30
8/7/2014 7:44:31 AM	5.10
9/11/2014 9:35:00 AM	5.10
6/25/2015 8:59:41 AM	9.19
7/9/2015 8:40:54 AM	5.70
8/12/2015 10:20:05 AM	5.70
8/20/2015 8:23:50 AM	7.10
9/23/2015 12:05:47 PM	7.20
6/30/2016 9:39:37 AM	8.40
8/3/2016 10:31:58 AM	7.30
8/24/2016 11:22:31 AM	8.30
9/14/2016 10:29:43 AM	8.79
6/22/2017 8:11:02 AM	7.10
7/20/2017 11:11:18 AM	8.75
8/3/2017 9:01:58 AM	6.00
8/31/2017 8:43:53 AM	8.30
9/14/2017 9:49:55 AM	6.00

pH	(None)
7/20/2017 10:56:11 AM	7.02
8/3/2017 8:42:15 AM	6.88
9/14/2017 9:35:34 AM	6.93
Temperature - water	(deg C)
7/10/2013 7:08:28 AM	23.50
7/10/2014 10:14:07 AM	22.60
7/30/2014 11:12:07 AM	24.00
8/7/2014 7:30:03 AM	23.10
7/9/2015 8:25:44 AM	22.20
8/12/2015 10:34:52 AM	22.70
8/20/2015 8:09:57 AM	25.40
9/23/2015 11:36:38 AM	21.80
6/30/2016 9:27:03 AM	22.30
8/3/2016 10:55:35 AM	26.20
8/24/2016 11:39:58 AM	22.80
9/14/2016 10:44:52 AM	20.80
6/22/2017 7:53:37 AM	20.30
7/20/2017 10:56:11 AM	24.90
8/3/2017 8:42:15 AM	24.20
9/14/2017 9:35:34 AM	19.30
Dissolved Oxygen	(mg/l)
7/10/2013 7:08:28 AM	8.20
7/10/2014 10:14:07 AM	8.45
7/30/2014 11:12:07 AM	7.84
8/7/2014 7:30:03 AM	7.81
7/9/2015 8:25:44 AM	8.30
8/12/2015 10:34:52 AM	7.94
8/20/2015 8:09:57 AM	7.82
9/23/2015 11:36:38 AM	8.05
6/30/2016 9:27:03 AM	8.19
8/3/2016 10:55:35 AM	8.07
8/24/2016 11:39:58 AM	8.13
9/14/2016 10:44:52 AM	8.28
6/22/2017 7:53:37 AM	8.64
7/20/2017 10:56:11 AM	8.11
8/3/2017 8:42:15 AM	7.99
9/14/2017 9:35:34 AM	8.40

Dissolved Oxygen - Percent Saturation	(%)
7/10/2013 7:08:28 AM	96.50
7/10/2014 10:14:07 AM	97.76
7/30/2014 11:12:07 AM	93.13
7/9/2015 8:25:44 AM	95.29
8/12/2015 10:34:52 AM	92.03
8/20/2015 8:09:57 AM	95.33
9/23/2015 11:36:38 AM	91.71
6/30/2016 9:27:03 AM	94.21
8/3/2016 10:55:35 AM	99.82
8/24/2016 11:39:58 AM	94.42
9/14/2016 10:44:52 AM	92.51
6/22/2017 7:53:37 AM	95.59
7/20/2017 10:56:11 AM	97.96
8/3/2017 8:42:15 AM	95.27
9/14/2017 9:35:34 AM	91.10
Biochemical Oxygen Demand - 5 Day	(mg/l)
7/10/2013 7:08:28 AM	0.71
7/10/2014 10:14:07 AM	0.53
7/30/2014 11:12:07 AM	0.34
8/7/2014 7:30:03 AM	0.39
7/9/2015 8:25:44 AM	0.54
8/12/2015 10:34:52 AM	0.40
8/20/2015 8:09:57 AM	0.67
9/23/2015 11:36:38 AM	0.46
8/3/2016 10:55:35 AM	0.98
8/24/2016 11:39:58 AM	0.42
9/14/2016 10:44:52 AM	0.59
6/22/2017 7:53:37 AM	0.72
7/20/2017 10:56:11 AM	0.68
8/3/2017 8:42:15 AM	0.58
9/14/2017 9:35:34 AM	0.49

Conductivity	(uS/cm)
7/10/2013 7:08:28 AM	28.30
7/10/2014 10:14:07 AM	25.00
7/30/2014 11:12:07 AM	27.50
8/7/2014 7:30:03 AM	27.90
7/9/2015 8:25:44 AM	28.80
8/12/2015 10:34:52 AM	28.30
8/20/2015 8:09:57 AM	28.30
9/23/2015 11:36:38 AM	29.30
6/30/2016 9:27:03 AM	28.90
8/3/2016 10:55:35 AM	29.40
8/24/2016 11:39:58 AM	29.80
9/14/2016 10:44:52 AM	28.80
6/22/2017 7:53:37 AM	27.30
7/20/2017 10:56:11 AM	26.40
8/3/2017 8:42:15 AM	26.60
9/14/2017 9:35:34 AM	26.10

E. coli	(MPN)
7/10/2013 7:08:28 AM	2.00
7/10/2014 10:14:07 AM	14.00
7/30/2014 11:12:07 AM	10.00
8/7/2014 7:30:03 AM	2.00
7/9/2015 8:25:44 AM	3.00
8/12/2015 10:34:52 AM	6.00
8/20/2015 8:09:57 AM	2.00
9/23/2015 11:36:38 AM	3.00
6/30/2016 9:27:03 AM	1.00
8/3/2016 10:55:35 AM	1.00
8/24/2016 11:39:58 AM	2.00
9/14/2016 10:44:52 AM	2.00
6/22/2017 7:53:37 AM	24.00
7/20/2017 10:56:11 AM	5.00
8/3/2017 8:42:15 AM	4.00
9/14/2017 9:35:34 AM	3.00

Coliform	(MPN)
7/10/2013 7:08:28 AM	548.00
7/10/2014 10:14:07 AM	921.00
7/30/2014 11:12:07 AM	921.00
8/7/2014 7:30:03 AM	461.00
7/9/2015 8:25:44 AM	345.00
8/12/2015 10:34:52 AM	866.00
8/20/2015 8:09:57 AM	435.00
9/23/2015 11:36:38 AM	328.00
6/30/2016 9:27:03 AM	276.00
8/3/2016 10:55:35 AM	276.00
8/24/2016 11:39:58 AM	461.00
9/14/2016 10:44:52 AM	387.00
6/22/2017 7:53:37 AM	727.00
7/20/2017 10:56:11 AM	387.00
8/3/2017 8:42:15 AM	228.00
9/14/2017 9:35:34 AM	411.00
Turbidity	(NTU)
7/10/2013 7:08:28 AM	0.85
7/30/2014 11:12:07 AM	0.62
8/7/2014 7:30:03 AM	0.62
7/9/2015 8:25:44 AM	0.97
8/12/2015 10:34:52 AM	0.90
8/20/2015 8:09:57 AM	0.80
9/23/2015 11:36:38 AM	0.74
6/30/2016 9:27:03 AM	0.74
8/3/2016 10:55:35 AM	0.64
8/24/2016 11:39:58 AM	0.51
9/14/2016 10:44:52 AM	0.88
6/22/2017 7:53:37 AM	0.94
7/20/2017 10:56:11 AM	0.58
8/3/2017 8:42:15 AM	0.57

WD2

Penobscot River - Weldon (Mattaseunk) Impoundment - River Right

Secchi Depth	(m)
7/10/2013 7:08:28 AM	3.60
7/10/2014 10:14:07 AM	3.66
7/30/2014 11:12:07 AM	4.15
8/7/2014 7:30:03 AM	4.08
7/9/2015 8:25:44 AM	3.90
8/12/2015 10:34:52 AM	4.16
8/20/2015 8:09:57 AM	4.68
9/23/2015 11:36:38 AM	4.45
6/30/2016 9:27:03 AM	4.34
8/3/2016 10:55:35 AM	4.65
8/24/2016 11:39:58 AM	5.10
9/14/2016 10:44:52 AM	4.80
6/22/2017 7:53:37 AM	3.47
7/20/2017 10:56:11 AM	2.40
8/3/2017 8:42:15 AM	4.10
9/14/2017 9:35:34 AM	5.42

Site Depth	(m)
7/10/2013 7:08:28 AM	8.00
7/10/2014 10:14:07 AM	7.00
7/30/2014 11:12:07 AM	8.07
8/7/2014 7:30:03 AM	7.70
7/9/2015 8:25:44 AM	8.10
8/12/2015 10:34:52 AM	6.30
8/20/2015 8:09:57 AM	6.60
9/23/2015 11:36:38 AM	7.10
6/30/2016 9:27:03 AM	7.50
8/3/2016 10:55:35 AM	5.60
8/24/2016 11:39:58 AM	5.97
9/14/2016 10:44:52 AM	6.90
6/22/2017 7:53:37 AM	8.70
7/20/2017 10:56:11 AM	2.40
8/3/2017 8:42:15 AM	9.40
9/14/2017 9:35:34 AM	7.50

WD3

Penobscot River - Downriver of Weldon (Mattaseunk) Dam

pH	(None)
7/20/2017 9:59:39 AM	6.94
8/3/2017 9:57:36 AM	6.82
9/14/2017 10:42:48 AM	6.84

Temperature - water	(deg C)
7/10/2013 8:12:53 AM	23.50
7/24/2013 7:57:01 AM	22.50
8/15/2013 7:59:16 AM	19.80
7/10/2014 12:15:03 PM	22.40
8/7/2014 8:26:58 AM	23.20
9/11/2014 8:31:01 AM	20.70
7/9/2015 9:44:33 AM	22.30
8/12/2015 9:07:15 AM	22.60
8/20/2015 9:12:13 AM	25.00
9/23/2015 10:23:53 AM	20.40
6/30/2016 10:42:35 AM	22.20
8/3/2016 8:43:03 AM	24.60
8/24/2016 10:23:12 AM	22.00
9/14/2016 9:19:20 AM	20.80
6/22/2017 9:16:26 AM	20.40
7/20/2017 9:59:39 AM	23.60
8/3/2017 9:57:36 AM	23.70
8/31/2017 1:42:56 PM	20.50
9/14/2017 10:42:48 AM	19.10

Dissolved Oxygen	(mg/l)
7/10/2013 8:12:53 AM	8.00
7/24/2013 7:57:01 AM	8.73
8/15/2013 7:59:16 AM	8.20
7/10/2014 12:15:03 PM	8.95
8/7/2014 8:26:58 AM	7.75
9/11/2014 8:31:01 AM	8.18
7/9/2015 9:44:33 AM	9.20
8/12/2015 9:07:15 AM	7.89
8/20/2015 9:12:13 AM	7.62
9/23/2015 10:23:53 AM	8.12
6/30/2016 10:42:35 AM	8.05
8/3/2016 8:43:03 AM	7.69
8/24/2016 10:23:12 AM	8.16
9/14/2016 9:19:20 AM	8.34
6/22/2017 9:16:26 AM	8.62
7/20/2017 9:59:39 AM	8.04
8/3/2017 9:57:36 AM	7.80
8/31/2017 1:42:56 PM	8.30
9/14/2017 10:42:48 AM	8.70

Dissolved Oxygen - Percent Saturation	(%)
7/10/2013 8:12:53 AM	94.14
7/24/2013 7:57:01 AM	100.81
8/15/2013 7:59:16 AM	89.83
7/10/2014 12:15:03 PM	103.15
9/11/2014 8:31:01 AM	91.22
7/9/2015 9:44:33 AM	105.83
8/12/2015 9:07:15 AM	91.28
8/20/2015 9:12:13 AM	92.21
9/23/2015 10:23:53 AM	90.02
6/30/2016 10:42:35 AM	92.42
8/3/2016 8:43:03 AM	92.38
8/24/2016 10:23:12 AM	93.32
9/14/2016 9:19:20 AM	93.18
6/22/2017 9:16:26 AM	95.56
7/20/2017 9:59:39 AM	94.79
8/3/2017 9:57:36 AM	92.14
8/31/2017 1:42:56 PM	92.19
9/14/2017 10:42:48 AM	93.98

Biochemical Oxygen Demand - 5 Day	(mg/l)
7/10/2013 8:12:53 AM	0.56
7/24/2013 7:57:01 AM	0.56
8/15/2013 7:59:16 AM	0.56
7/10/2014 12:15:03 PM	0.52
7/30/2014 9:05:27 AM	0.21
8/7/2014 8:26:58 AM	0.42
9/11/2014 8:31:01 AM	0.24
7/9/2015 9:44:33 AM	0.84
8/12/2015 9:07:15 AM	0.56
8/20/2015 9:12:13 AM	0.41
9/23/2015 10:23:53 AM	0.43
8/3/2016 8:43:03 AM	0.58
8/24/2016 10:23:12 AM	0.35
9/14/2016 9:19:20 AM	0.39
6/22/2017 9:16:26 AM	0.84
7/20/2017 9:59:39 AM	0.88
8/3/2017 9:57:36 AM	0.67
8/31/2017 1:42:56 PM	0.49
9/14/2017 10:42:48 AM	0.43

Conductivity	(uS/cm)
7/10/2013 8:12:53 AM	28.60
7/24/2013 7:57:01 AM	30.70
7/10/2014 12:15:03 PM	25.00
7/30/2014 9:05:27 AM	27.90
8/7/2014 8:26:58 AM	28.30
9/11/2014 8:31:01 AM	27.20
7/9/2015 9:44:33 AM	29.10
8/12/2015 9:07:15 AM	28.50
8/20/2015 9:12:13 AM	28.90
9/23/2015 10:23:53 AM	29.80
6/30/2016 10:42:35 AM	29.10
8/3/2016 8:43:03 AM	29.50
8/24/2016 10:23:12 AM	30.20
9/14/2016 9:19:20 AM	29.10
6/22/2017 9:16:26 AM	27.40
7/20/2017 9:59:39 AM	26.70
8/3/2017 9:57:36 AM	26.40
8/31/2017 1:42:56 PM	26.50
9/14/2017 10:42:48 AM	26.30

E. coli	(MPN)
7/10/2013 8:12:53 AM	45.00
7/24/2013 7:57:01 AM	21.00
8/15/2013 7:59:16 AM	11.00
7/10/2014 12:15:03 PM	22.00
7/30/2014 9:05:27 AM	7.00
8/7/2014 8:26:58 AM	8.00
9/11/2014 8:31:01 AM	3.00
7/9/2015 9:44:33 AM	31.00
8/12/2015 9:07:15 AM	7.00
8/20/2015 9:12:13 AM	6.00
6/30/2016 10:42:35 AM	3.00
8/3/2016 8:43:03 AM	2.00
8/24/2016 10:23:12 AM	6.00
9/14/2016 9:19:20 AM	6.00
6/22/2017 9:16:26 AM	23.00
7/20/2017 9:59:39 AM	10.00
8/3/2017 9:57:36 AM	2.00
8/31/2017 1:42:56 PM	2.00
9/14/2017 10:42:48 AM	3.00

Coliform	(MPN)
7/10/2013 8:12:53 AM	1733.00
7/24/2013 7:57:01 AM	2420.00
8/15/2013 7:59:16 AM	980.00
7/10/2014 12:15:03 PM	1120.00
7/30/2014 9:05:27 AM	1203.00
8/7/2014 8:26:58 AM	980.00
9/11/2014 8:31:01 AM	649.00
7/9/2015 9:44:33 AM	1300.00
8/12/2015 9:07:15 AM	1046.00
8/20/2015 9:12:13 AM	770.00
6/30/2016 10:42:35 AM	461.00
8/3/2016 8:43:03 AM	575.00
8/24/2016 10:23:12 AM	770.00
9/14/2016 9:19:20 AM	980.00
6/22/2017 9:16:26 AM	403.00
7/20/2017 9:59:39 AM	457.00
8/3/2017 9:57:36 AM	1120.00
8/31/2017 1:42:56 PM	727.00
9/14/2017 10:42:48 AM	411.00
Turbidity	(NTU)
7/10/2013 8:12:53 AM	0.99
7/24/2013 7:57:01 AM	1.59
7/30/2014 9:05:27 AM	0.62
8/7/2014 8:26:58 AM	0.84
9/11/2014 8:31:01 AM	0.65
7/9/2015 9:44:33 AM	1.17
8/12/2015 9:07:15 AM	0.97
8/20/2015 9:12:13 AM	0.71
9/23/2015 10:23:53 AM	0.68
6/30/2016 10:42:35 AM	0.75
8/3/2016 8:43:03 AM	0.63
8/24/2016 10:23:12 AM	0.70
9/14/2016 9:19:20 AM	0.73
6/22/2017 9:16:26 AM	0.87
7/20/2017 9:59:39 AM	0.73
8/3/2017 9:57:36 AM	0.67
8/31/2017 1:42:56 PM	0.50

Site Depth	(m)
7/10/2013 8:12:53 AM	0.50
7/24/2013 7:57:01 AM	1.00
8/15/2013 7:59:16 AM	0.30
8/7/2014 8:26:58 AM	0.50
7/9/2015 9:44:33 AM	0.50
8/20/2015 9:12:13 AM	0.30
9/23/2015 10:23:53 AM	0.50
6/30/2016 10:42:35 AM	0.50
6/22/2017 9:16:26 AM	0.50
7/20/2017 9:59:39 AM	0.50
8/3/2017 9:57:36 AM	0.30
8/31/2017 1:42:56 PM	0.30
9/14/2017 10:42:48 AM	0.50

Escherichia coli Geometric Mean Values

Lower West Branch-Upper Main Stem Penobscot River

Between 06/06/2013 And 10/18/2017

		<i>n</i>	E. coli OBSERVED GEOMETRIC MEAN (MPN/100ml)	E. coli GEOMETRIC MEAN CRITERIA (colonies/100ml)	E. coli GEOMETRIC MEAN Difference
2013					
DC1	West Branch Penobscot River - Downriver of Millinocket Municipal WWTP Discharge Deadman's Curve	4	40.15	64.00	-23.85
DP1	West Branch Penobscot River - Dolby Pond Impoundment - Near Inlet	3	17.31	64.00	-46.69
DP3	West Branch Penobscot River - Dolby Pond Impoundment - Near Dam	5	12.28	64.00	-51.72
EM1	West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Left	3	22.33	64.00	-41.67
EM2	West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Right	2	14.87	64.00	-49.13
MI1	West Branch Penobscot River - Rockabema (Medway) Impoundment - Upper	2	22.36	64.00	-41.64
MI2	West Branch Penobscot River - Rockabema (Medway) Impoundment - River Right	2	16.61	64.00	-47.39
MI3	West Branch Penobscot River - Rockabema (Medway) Impoundment - River Left	3	12.24	64.00	-51.76

		<i>n</i>	E. coli OBSERVED GEOMETRIC MEAN (MPN/100ml)	E. coli GEOMETRIC MEAN CRITERIA (colonies/100ml)	E. coli GEOMETRIC MEAN Difference
MS1	Penobscot River - Just Downriver of I-95 Bridge and East and West Branch Confluence	3	46.24	64.00	-17.76
MW1	Penobscot River - Just Upriver of Mattawamkeag River Confluence	3	27.14	64.00	-36.86
WB1	West Branch Penobscot River - Downriver of Rockabema (Medway) Dam - River Left	2	10.95	64.00	-53.05
WBU1	West Branch Penobscot River - Upriver of Route 11 Bridge	4	8.03	64.00	-55.97
WD1	Penobscot River - Weldon (Mattaseunk) Impoundment - River Left	1	9.00	64.00	-55.00
WD2	Penobscot River - Weldon (Mattaseunk) Impoundment - River Right	1	2.00	64.00	-62.00
WD3	Penobscot River - Downriver of Weldon (Mattaseunk) Dam	3	21.82	64.00	-42.18

		<i>n</i>	E. coli OBSERVED GEOMETRIC MEAN (MPN/100ml)	E. coli GEOMETRIC MEAN CRITERIA (colonies/100ml)	E. coli GEOMETRIC MEAN Difference
2014					
DC1	West Branch Penobscot River - Downriver of Millinocket Municipal WWTP Discharge Deadman's Curve	5	29.72	64.00	-34.28
DP1	West Branch Penobscot River - Dolby Pond Impoundment - Near Inlet	3	9.39	64.00	-54.61
DP3	West Branch Penobscot River - Dolby Pond Impoundment - Near Dam	4	8.91	64.00	-55.09
EM1	West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Left	1	5.00	64.00	-59.00
EM2	West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Right	1	5.00	64.00	-59.00
MI1	West Branch Penobscot River - Rockabema (Medway) Impoundment - Upper	1	9.00	64.00	-55.00
MI2	West Branch Penobscot River - Rockabema (Medway) Impoundment - River Right	1	6.00	64.00	-58.00
MI3	West Branch Penobscot River - Rockabema (Medway) Impoundment - River Left	1	4.00	64.00	-60.00
MS1	Penobscot River - Just Downriver of I-95 Bridge and East and West Branch Confluence	4	27.70	64.00	-36.30
MW1	Penobscot River - Just Upriver of Mattawamkeag River Confluence	4	29.39	64.00	-34.61
WB1	West Branch Penobscot River - Downriver of Rockabema (Medway) Dam - River Left	4	16.82	64.00	-47.18
WBU1	West Branch Penobscot River - Upriver of Route 11 Bridge	5	11.21	64.00	-52.79

		<i>n</i>	E. coli OBSERVED GEOMETRIC MEAN (MPN/100ml)	E. coli GEOMETRIC MEAN CRITERIA (colonies/100ml)	E. coli GEOMETRIC MEAN Difference
WD1	Penobscot River - Weldon (Mattaseunk) Impoundment - River Left	4	4.68	64.00	-59.32
WD2	Penobscot River - Weldon (Mattaseunk) Impoundment - River Right	3	6.54	64.00	-57.46
WD3	Penobscot River - Downriver of Weldon (Mattaseunk) Dam	4	7.80	64.00	-56.20

		<i>n</i>	E. coli OBSERVED GEOMETRIC MEAN (MPN/100ml)	E. coli GEOMETRIC MEAN CRITERIA (colonies/100ml)	E. coli GEOMETRIC MEAN Difference
2015					
DC1	West Branch Penobscot River - Downriver of Millinocket Municipal WWTP Discharge Deadman's Curve	5	32.33	64.00	-31.67
DP1	West Branch Penobscot River - Dolby Pond Impoundment - Near Inlet	4	11.94	64.00	-52.06
DP3	West Branch Penobscot River - Dolby Pond Impoundment - Near Dam	5	4.62	64.00	-59.38
EM1	West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Left	4	10.02	64.00	-53.98
EM2	West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Right	4	8.30	64.00	-55.70
MI1	West Branch Penobscot River - Rockabema (Medway) Impoundment - Upper	4	9.51	64.00	-54.49
MI2	West Branch Penobscot River - Rockabema (Medway) Impoundment - River Right	4	8.44	64.00	-55.56
MI3	West Branch Penobscot River - Rockabema (Medway) Impoundment - River Left	4	9.83	64.00	-54.17
MS1	Penobscot River - Just Downriver of I-95 Bridge and East and West Branch Confluence	5	9.67	64.00	-54.33
MW1	Penobscot River - Just Upriver of Mattawamkeag River Confluence	6	43.07	64.00	-20.93
WB1	West Branch Penobscot River - Downriver of Rockabema (Medway) Dam - River Left	5	9.69	64.00	-54.31
WBU1	West Branch Penobscot River - Upriver of Route 11 Bridge	5	5.64	64.00	-58.36

		<i>n</i>	E. coli OBSERVED GEOMETRIC MEAN (MPN/100ml)	E. coli GEOMETRIC MEAN CRITERIA (colonies/100ml)	E. coli GEOMETRIC MEAN Difference
WD1	Penobscot River - Weldon (Mattaseunk) Impoundment - River Left	5	7.26	64.00	-56.74
WD2	Penobscot River - Weldon (Mattaseunk) Impoundment - River Right	4	3.22	64.00	-60.78
WD3	Penobscot River - Downriver of Weldon (Mattaseunk) Dam	3	10.92	64.00	-53.08

		<i>n</i>	E. coli OBSERVED GEOMETRIC MEAN (MPN/100ml)	E. coli GEOMETRIC MEAN CRITERIA (colonies/100ml)	E. coli GEOMETRIC MEAN Difference
2016					
DC1	West Branch Penobscot River - Downriver of Millinocket Municipal WWTP Discharge Deadman's Curve	3	21.18	64.00	-42.82
DP1	West Branch Penobscot River - Dolby Pond Impoundment - Near Inlet	2	2.65	64.00	-61.35
DP3	West Branch Penobscot River - Dolby Pond Impoundment - Near Dam	2	3.16	64.00	-60.84
EM1	West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Left	3	14.24	64.00	-49.76
EM2	West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Right	3	8.77	64.00	-55.23
MI1	West Branch Penobscot River - Rockabema (Medway) Impoundment - Upper	3	12.05	64.00	-51.95
MI2	West Branch Penobscot River - Rockabema (Medway) Impoundment - River Right	3	6.84	64.00	-57.16
MI3	West Branch Penobscot River - Rockabema (Medway) Impoundment - River Left	3	6.60	64.00	-57.40
MS1	Penobscot River - Just Downriver of I-95 Bridge and East and West Branch Confluence	4	12.27	64.00	-51.73
MW1	Penobscot River - Just Upriver of Mattawamkeag River Confluence	3	14.61	64.00	-49.39
WB1	West Branch Penobscot River - Downriver of Rockabema (Medway) Dam - River Left	3	7.32	64.00	-56.68
WBU1	West Branch Penobscot River - Upriver of Route 11 Bridge	3	5.24	64.00	-58.76

		<i>n</i>	E. coli OBSERVED GEOMETRIC MEAN (MPN/100ml)	E. coli GEOMETRIC MEAN CRITERIA (colonies/100ml)	E. coli GEOMETRIC MEAN Difference
WD1	Penobscot River - Weldon (Mattaseunk) Impoundment - River Left	4	1.86	64.00	-62.14
WD2	Penobscot River - Weldon (Mattaseunk) Impoundment - River Right	4	1.41	64.00	-62.59
WD3	Penobscot River - Downriver of Weldon (Mattaseunk) Dam	4	3.83	64.00	-60.17

		<i>n</i>	E. coli OBSERVED GEOMETRIC MEAN (MPN/100ml)	E. coli GEOMETRIC MEAN CRITERIA (colonies/100ml)	E. coli GEOMETRIC MEAN Difference
2017					
DC1	West Branch Penobscot River - Downriver of Millinocket Municipal WWTP Discharge Deadman's Curve	5	14.00	64.00	-50.00
DP1	West Branch Penobscot River - Dolby Pond Impoundment - Near Inlet	4	7.50	64.00	-56.50
DP3	West Branch Penobscot River - Dolby Pond Impoundment - Near Dam	5	6.32	64.00	-57.68
EM1	West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Left	5	8.85	64.00	-55.15
EM2	West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Right	5	9.30	64.00	-54.70
MI1	West Branch Penobscot River - Rockabema (Medway) Impoundment - Upper	5	10.18	64.00	-53.82
MI2	West Branch Penobscot River - Rockabema (Medway) Impoundment - River Right	5	7.32	64.00	-56.68
MI3	West Branch Penobscot River - Rockabema (Medway) Impoundment - River Left	5	10.27	64.00	-53.73
MS1	Penobscot River - Just Downriver of I-95 Bridge and East and West Branch Confluence	5	15.98	64.00	-48.02
MW1	Penobscot River - Just Upriver of Mattawamkeag River Confluence	5	15.69	64.00	-48.31
WB1	West Branch Penobscot River - Downriver of Rockabema (Medway) Dam - River Left	5	12.89	64.00	-51.11
WBU1	West Branch Penobscot River - Upriver of Route 11 Bridge	6	3.86	64.00	-60.14

		<i>n</i>	E. coli OBSERVED GEOMETRIC MEAN (MPN/100ml)	E. coli GEOMETRIC MEAN CRITERIA (colonies/100ml)	E. coli GEOMETRIC MEAN Difference
WD1	Penobscot River - Weldon (Mattaseunk) Impoundment - River Left	5	5.86	64.00	-58.14
WD2	Penobscot River - Weldon (Mattaseunk) Impoundment - River Right	4	6.16	64.00	-57.84
WD3	Penobscot River - Downriver of Weldon (Mattaseunk) Dam	5	4.88	64.00	-59.12

Dissolved Oxygen/Temperature Profiles

Lower West Branch-Upper Main Stem Penobscot River

Between 06/06/2013 And 10/18/2017

DC1

West Branch Penobscot River - Downriver of Millinocket Municipal WWTP Discharge
Deadman's Curve

Wednesday, August 21, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.20	8.36	97.83
1	23.20	8.34	97.59
2	23.10	8.32	97.17

Wednesday, August 20, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.80	8.43	97.90
1	22.60	8.46	97.87

Thursday, August 28, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.90	8.22	95.64
1	22.90	8.20	95.41

Wednesday, September 17, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	16.90	9.55	98.61
1	16.90	9.54	98.50

Wednesday, July 08, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.60	8.22	93.29
1	21.60	8.23	93.40

Wednesday, July 22, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.20	8.34	93.92
1	21.20	8.33	93.80

Wednesday, June 12, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	16.20	9.10	92.59
1	16.30	9.00	91.76

Thursday, August 01, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.50	7.70	88.91
1	22.50	7.70	88.91

Wednesday, August 21, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.40	7.94	93.26
1	23.20	7.95	93.03
2	22.60	7.98	92.32

Wednesday, July 09, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.60	8.23	93.40
1	21.50	8.22	93.11

Thursday, July 24, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	24.60	7.83	94.06
1	24.60	7.82	93.94

Thursday, June 18, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	18.90	8.77	94.35
1	18.60	8.71	93.14
2	18.50	8.69	92.74

Wednesday, July 22, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.40	8.15	92.13
1	21.40	8.13	91.91
2	21.40	8.08	91.34

Thursday, August 13, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.50	7.94	89.93
1	21.60	7.88	89.43

Wednesday, September 09, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.60	7.72	91.02
1	23.60	7.71	90.90

Wednesday, August 10, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.90	7.67	89.24
1	22.80	7.62	88.49

Wednesday, September 07, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.30	7.92	91.10
1	22.30	7.92	91.10

Thursday, June 15, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	18.90	8.92	95.96
1	18.70	8.90	95.36

Wednesday, August 23, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.10	8.01	91.79
1	22.10	7.99	91.56

Wednesday, August 30, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	20.60	8.40	93.49
1	20.50	8.39	93.19

Wednesday, September 13, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	18.50	8.58	91.56
1	18.40	8.59	91.48

Wednesday, June 12, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	15.90	9.20	93.01
1	16.00	9.20	93.21
2	16.00	9.20	93.21
3	16.00	9.20	93.21
4	16.00	9.10	92.20
5	16.00	9.10	92.20
6	16.00	9.10	92.20
7	15.80	8.90	89.79
8	12.90	7.30	69.13
9	12.10	6.60	61.38
10	11.60	5.00	45.97
11	11.00	2.60	23.58

Wednesday, June 19, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	18.10	9.19	97.27
1	18.10	9.17	97.06
2	17.80	9.12	95.94
3	17.50	9.17	95.87
4	16.90	8.94	92.31
5	16.60	8.38	85.98
6	16.40	8.14	83.17
7	15.90	7.89	79.77
8	15.10	7.64	75.93
9	13.80	6.32	61.06
10	12.30	4.09	38.21
11	11.60	0.07	0.64

Wednesday, July 10, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	24.00	8.30	98.60
1	24.00	8.29	98.48
2	24.00	8.26	98.12
3	23.80	8.19	96.93
4	23.30	8.10	94.96
5	23.00	7.87	91.74
6	21.30	7.61	85.86
7	17.40	5.14	53.63
8	14.80	4.15	40.98
9	13.20	2.17	20.69
10	12.40	1.30	12.17

Monday, July 15, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	26.00	8.48	104.52
1	25.90	8.47	104.20
2	25.50	8.36	102.10
3	23.90	7.87	93.31
4	23.60	7.76	91.49
5	22.80	7.07	82.11
6	22.10	6.52	74.71
7	18.70	5.02	53.79
8	15.30	3.82	38.13
9	13.40	1.55	14.84
10	12.50	0.42	3.94

Wednesday, July 17, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	25.50	7.99	97.58
1	25.50	7.99	97.58
2	25.50	7.98	97.46
3	25.50	7.96	97.22
4	25.40	7.95	96.92
5	24.20	7.50	89.43
6	22.60	6.37	73.69
7	18.60	7.30	78.06
8	14.90	3.08	30.48
9	13.40	1.16	11.11
10	12.60	0.38	3.57

Thursday, August 01, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.20	8.10	94.78
1	23.10	8.10	94.60
2	23.10	8.00	93.44
3	23.10	8.00	93.44
4	23.10	8.00	93.44
5	22.40	7.10	81.83
6	21.90	6.30	71.91
7	20.80	5.60	62.57
8	16.90	1.30	13.42
9	14.30	0.30	2.93
10	13.30	0.20	1.91

Wednesday, August 07, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.00	7.77	90.58
1	22.40	7.75	89.32
2	22.00	7.54	86.23
3	21.50	6.95	78.72
4	21.20	7.04	79.28
5	21.00	6.74	75.60
6	20.60	6.55	72.90
7	16.90	0.75	7.74
8	13.90	0.22	2.13

Wednesday, August 14, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.90	7.94	90.63
1	21.80	7.93	90.34
2	21.70	7.90	89.83
3	21.60	7.87	89.31
4	21.60	7.85	89.09
5	21.60	7.83	88.86
6	21.40	7.33	82.86
7	20.70	6.59	73.49
8	19.90	5.29	58.06
9	15.50	0.19	1.90
10	13.30	0.12	1.15

Thursday, August 15, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
1	21.40	7.95	89.87

Wednesday, August 21, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	24.00	8.50	100.97
1	23.80	8.51	100.71
2	23.50	8.49	99.91
3	22.90	8.34	97.04
4	22.10	8.00	91.67
5	21.70	7.68	87.33
6	21.10	7.10	79.80
7	20.60	6.34	70.56
8	19.70	4.90	53.57
9	15.70	0.23	2.32
10	13.80	0.16	1.55

Friday, September 06, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
1	20.60	7.67	85.36

Wednesday, September 18, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	17.50	8.53	89.18
1	17.50	8.50	88.87
2	17.50	8.48	88.66
3	17.40	8.47	88.37
4	17.40	8.43	87.95
5	17.40	8.41	87.74
6	17.30	8.36	87.04
7	17.30	8.27	86.10
8	17.20	8.19	85.09
9	17.00	7.81	80.81
10	16.40	3.10	31.67

Thursday, September 19, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
1	18.10	8.46	89.55

Friday, September 27, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
1	15.60	9.16	92.02

Thursday, October 10, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	14.60	9.42	92.61
1	14.70	9.37	92.32
2	14.70	9.34	92.02
3	14.70	9.31	91.73
4	14.70	9.27	91.33
5	14.70	9.25	91.14
6	14.70	9.23	90.94
7	14.70	9.21	90.74
8	14.60	9.26	91.04
9	14.50	9.38	92.02
10	14.50	9.38	92.02

Wednesday, July 09, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.20	8.20	94.14
1	22.20	8.19	94.03
2	22.20	8.17	93.80
3	22.10	8.17	93.62
4	21.90	8.15	93.03
5	21.70	8.01	91.08
6	20.70	7.04	78.51
7	18.80	6.51	69.90
8	14.60	4.42	43.45
9	12.70	3.20	30.17
10	11.60	1.80	16.55

Thursday, July 24, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	24.40	7.93	94.91
1	24.40	7.92	94.79
2	24.40	7.89	94.43
3	24.40	7.88	94.31
4	24.40	7.85	93.95
5	23.60	7.07	83.36
6	22.80	6.36	73.86
7	21.10	5.51	61.93
8	17.10	3.08	31.93
9	13.20	0.73	6.96
10	12.20	0.16	1.49

Wednesday, August 06, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	24.00	8.34	99.07
1	24.00	8.34	99.07
2	24.00	8.32	98.83
3	23.50	7.97	93.79
4	23.00	7.66	89.30
5	22.70	7.31	84.73
6	22.40	6.83	78.72
7	21.90	6.01	68.60
8	18.10	0.86	9.10
9	13.80	0.13	1.26
10	12.50	0.05	0.47

Wednesday, August 20, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.30	8.11	95.08
1	21.40	8.02	90.66
2	21.10	7.95	89.35
3	20.90	7.85	87.88
4	20.80	7.79	87.04
5	20.60	7.42	82.58
6	20.50	7.20	79.97
7	20.40	6.60	73.17
8	19.70	4.32	47.23
9	14.90	0.25	2.47
10	13.20	0.17	1.62

Thursday, August 28, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.50	8.11	95.44
1	23.50	8.10	95.32
2	23.50	8.08	95.09
3	23.50	8.07	94.97
4	23.50	8.03	94.50
5	22.90	7.46	86.80
6	21.70	7.02	79.82
7	20.40	5.82	64.52
8	19.40	4.21	45.75
9	15.40	0.22	2.20
10	13.20	0.14	1.33

Tuesday, September 02, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.10	8.19	93.85
1	22.10	8.81	100.95
2	22.20	8.15	93.57
3	22.10	8.12	93.05
4	22.00	8.03	91.84
5	21.60	7.81	88.63
6	21.50	7.71	87.33
7	21.20	7.52	84.68
8	19.60	3.75	40.92
9	15.30	0.20	2.00
10	13.10	0.13	1.24

Wednesday, September 17, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	17.20	8.23	85.51
1	17.20	8.20	85.20
2	17.20	8.17	84.89
3	17.20	8.14	84.57
4	17.20	8.12	84.37
5	17.20	8.10	84.16
6	17.20	8.09	84.05
7	17.20	8.08	83.95
8	17.20	8.06	83.74
9	17.00	7.95	82.26
10	14.50	0.18	1.77

Thursday, June 18, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	19.20	9.01	97.52
1	19.00	8.94	96.37
2	18.60	8.83	94.42
3	18.50	8.79	93.80
4	18.40	8.70	92.65
5	18.30	8.63	91.72
6	18.20	8.58	91.00
7	17.90	8.45	89.07
8	15.60	6.67	67.00
9	14.40	5.89	57.65
10	13.90	4.30	41.63

Wednesday, July 08, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.00	8.58	100.02
1	23.00	8.57	99.90
2	23.00	8.56	99.79
3	23.00	8.55	99.67
4	22.70	8.49	98.41
5	22.40	8.45	97.39
6	21.50	8.40	95.15
7	19.20	7.05	76.31
8	17.90	5.95	62.72
9	16.30	3.33	33.95
10	15.10	1.46	14.51

Wednesday, July 22, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.00	7.88	90.12
1	22.00	7.86	89.89
2	22.00	7.83	89.55
3	22.00	7.80	89.21
4	22.00	7.77	88.86
5	21.90	7.64	87.21
6	21.40	6.94	78.46
7	21.10	6.57	73.84
8	19.60	3.77	41.13

Thursday, August 13, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.40	8.09	93.24
1	22.40	8.07	93.01
2	22.40	8.04	92.66
3	22.30	7.99	91.91
4	22.00	7.61	87.03
5	22.00	7.56	86.46
6	21.90	7.55	86.18
7	21.80	7.48	85.22
8	20.30	3.83	42.37
9	17.50	0.53	5.54
10	15.80	0.25	2.52

Wednesday, September 09, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.20	8.07	94.43
1	23.20	8.05	94.20
2	23.20	8.04	94.08
3	23.20	8.02	93.85
4	23.20	8.01	93.73
5	23.20	7.94	92.91
6	22.50	7.14	82.45
7	21.80	6.91	78.72
8	20.70	3.04	33.90
9	17.80	0.35	3.68
10	16.10	0.22	2.23

Wednesday, July 20, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.40	7.95	91.62
1	22.40	7.93	91.39
2	22.40	7.93	91.39
3	22.40	7.91	91.16
4	22.40	7.89	90.93
5	22.40	7.85	90.47
6	22.30	7.80	89.72
7	21.90	7.45	85.04
8	18.70	5.56	59.57

Wednesday, August 10, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.80	7.65	88.84
1	22.80	7.63	88.61
2	22.80	7.60	88.26
3	22.80	7.56	87.80
4	22.80	7.54	87.56
5	22.80	7.49	86.98
6	22.50	6.89	79.56
7	22.30	6.24	71.78
8	20.50	2.69	29.88
9	16.40	0.26	2.66
10	15.00	0.14	1.39

Wednesday, September 07, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.60	8.40	97.18
1	22.70	8.37	97.02
2	22.70	8.35	96.79
3	22.70	8.33	96.55
4	22.60	8.27	95.68
5	21.70	7.75	88.12
6	21.40	7.29	82.41
7	21.30	7.15	80.67
8	21.00	6.57	73.70
9	19.80	1.83	20.05
10	16.30	0.19	1.94

Thursday, June 15, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	19.10	8.96	96.79
1	19.00	8.97	96.70
2	19.00	8.94	96.37
3	19.00	8.92	96.16
4	18.90	8.75	94.14
5	18.60	8.41	89.93
6	17.70	8.17	85.77
7	16.10	7.56	76.76
8	14.10	6.56	63.79
9	13.00	5.44	51.63

Thursday, July 13, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.20	8.22	94.37
1	22.20	8.21	94.26
2	22.20	8.19	94.03
3	22.20	8.18	93.91
4	22.20	8.15	93.57
5	22.00	7.91	90.47
6	21.80	7.44	84.76
7	20.70	6.11	68.13
8	17.10	3.01	31.21
9	14.50	0.70	6.87
10	13.30	0.25	2.39
11	12.50	0.19	1.78

Wednesday, August 23, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.40	8.19	94.39
1	22.40	8.17	94.16
2	22.40	8.15	93.93
3	22.40	8.11	93.47
4	22.30	8.10	93.17
5	22.20	8.03	92.19
6	22.00	7.99	91.38
7	21.70	7.54	85.74
8	20.60	5.98	66.55
9	19.20	1.42	15.37
10	15.50	0.30	3.01

Wednesday, August 30, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.00	8.48	95.12
1	20.90	8.48	94.93
2	20.90	8.42	94.26
3	20.90	8.37	93.70
4	20.60	7.78	86.59
5	20.50	7.54	83.75
6	20.40	7.44	82.48
7	20.30	7.38	81.65
8	20.20	7.23	79.83
9	19.30	3.49	37.85
10	15.30	0.35	3.49

Wednesday, September 13, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	18.60	8.67	92.71
1	18.60	8.67	92.71
2	18.50	8.62	91.99
3	18.40	8.55	91.06
4	18.40	8.49	90.42
5	18.40	8.46	90.10
6	18.40	8.43	89.78
7	18.30	8.41	89.38
8	18.20	8.19	86.87
9	17.80	7.65	80.48
10	17.40	6.54	68.23

Wednesday, June 12, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	16.10	9.30	94.42
1	16.10	9.30	94.42
2	16.10	9.30	94.42
3	16.10	9.20	93.41
4	16.10	9.20	93.41
5	16.10	9.20	93.41
6	16.10	9.20	93.41
7	16.10	9.20	93.41

Wednesday, June 19, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	18.00	9.25	97.71
1	17.70	9.30	97.63
2	17.20	9.34	97.04
3	17.20	9.32	96.83
4	17.10	9.27	96.11
5	17.00	9.25	95.71
6	17.00	9.21	95.29
7	17.00	9.18	94.98

Wednesday, July 10, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.10	8.06	94.14
1	23.20	8.02	93.85
2	23.20	7.98	93.38
3	23.10	7.94	92.74
4	23.10	7.89	92.15
5	23.10	7.85	91.68
6	23.00	7.78	90.69

Tuesday, July 16, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	27.00	8.22	103.16
1	26.10	8.16	100.75
2	25.70	7.98	97.82
3	25.60	7.86	96.17
4	25.50	7.67	93.67
5	25.30	7.60	92.48
6	25.20	7.56	91.82

Wednesday, July 24, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.90	7.67	90.94
1	23.90	7.64	90.59
2	23.90	7.61	90.23
3	23.60	7.38	87.01
4	23.50	7.25	85.32
5	23.50	7.07	83.20
6	23.40	7.06	82.93

Thursday, August 01, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.20	8.00	93.61
1	23.30	7.90	92.62
2	23.20	7.90	92.44
3	23.20	7.90	92.44
4	23.20	7.90	92.44
5	23.20	7.80	91.27
6	23.20	7.70	90.10

Wednesday, August 07, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.00	8.08	94.19
1	22.80	8.08	93.83
2	22.00	8.00	91.49
3	21.80	7.91	90.12
4	21.80	7.81	88.98
5	21.70	7.39	84.03

Thursday, August 15, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.20	7.98	89.86
1	21.10	7.99	89.80
2	21.10	7.95	89.35
3	21.10	7.93	89.13
4	21.10	7.92	89.01
5	21.10	7.90	88.79
6	21.00	7.83	87.83

Friday, August 16, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
1	21.70	8.25	93.81

Wednesday, August 21, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	24.40	8.32	99.57
1	24.00	8.34	99.07
2	23.20	8.21	96.07
3	22.80	8.04	93.37
4	22.60	7.95	91.97
5	22.40	7.84	90.36
6	22.10	7.75	88.81

Friday, September 06, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
1	20.20	8.28	91.43

Thursday, September 19, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	18.10	8.77	92.83
1	17.70	8.83	92.70
2	17.50	8.85	92.52
3	17.40	8.81	91.92
4	17.30	8.73	90.89
5	17.20	8.65	89.87
6	16.90	8.62	89.00

Friday, September 20, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
1	18.00	8.94	94.43

Friday, September 27, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
1	15.70	9.26	93.22

Wednesday, October 09, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	15.40	9.49	94.92
1	15.10	9.48	94.21
2	15.00	9.45	93.71
3	14.90	9.41	93.12
4	14.80	9.38	92.62
5	14.80	9.35	92.32
6	14.80	9.34	92.22

Thursday, July 24, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	24.30	7.74	92.46
1	24.30	7.73	92.34
2	24.30	7.71	92.10
3	24.30	7.70	91.98
4	24.20	7.71	91.93
5	24.20	7.72	92.05
6	24.20	7.71	91.93
7	24.20	7.69	91.69

Wednesday, August 06, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.80	8.18	96.81
1	23.90	8.15	96.63
2	23.90	8.11	96.16
3	23.90	8.02	95.09
4	23.80	7.86	93.02
5	23.70	7.74	91.43
6	23.60	7.68	90.55
7	23.40	7.56	88.80

Wednesday, August 20, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.60	8.25	95.44
1	21.70	8.27	94.04
2	21.60	8.22	93.29
3	21.40	8.15	92.13
4	21.30	8.09	91.28
5	21.30	8.07	91.05
6	21.30	8.06	90.94
7	21.30	8.00	90.26

Thursday, August 28, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.40	8.11	95.26
1	23.40	8.08	94.91
2	23.40	8.06	94.67
3	23.40	8.04	94.44
4	23.40	7.99	93.85
5	23.40	7.94	93.26
6	23.30	7.83	91.80
7	23.30	7.82	91.68

Tuesday, September 02, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.30	8.17	93.98
1	22.30	8.11	93.29
2	22.30	8.08	92.94
3	22.30	8.06	92.71
4	22.30	8.00	92.02
5	22.20	7.96	91.39
6	22.10	7.91	90.64
7	22.00	7.87	90.01

Wednesday, September 17, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	17.00	8.80	91.05
1	16.90	8.74	90.24
2	16.90	8.65	89.31
3	16.80	8.63	88.92
4	16.80	8.66	89.23
5	16.80	8.64	89.02
6	16.70	8.64	88.84
7	16.70	8.65	88.94

Thursday, June 18, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	19.70	9.04	98.83
1	19.50	9.01	98.11
2	19.30	9.00	97.61
3	19.20	8.99	97.30
4	19.10	8.95	96.68
5	19.00	8.95	96.48
6	18.90	8.90	95.75

Wednesday, July 08, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.10	8.49	97.29
1	22.10	8.49	97.29
2	22.10	8.46	96.94
3	22.10	8.42	96.48
4	22.10	8.38	96.02
5	22.00	8.34	95.38
6	21.80	8.26	94.10
7	21.30	8.10	91.39

Wednesday, July 22, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.60	7.83	88.86
1	21.60	7.79	88.41
2	21.60	7.77	88.18
3	21.60	7.68	87.16
4	21.60	7.66	86.93
5	21.60	7.63	86.59
6	21.60	7.60	86.25
7	21.60	7.59	86.14

Thursday, August 13, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.40	8.14	93.81
1	22.40	8.11	93.47
2	22.40	8.06	92.89
3	22.30	8.01	92.14
4	22.30	7.98	91.79
5	22.20	7.95	91.27
6	22.20	7.90	90.70
7	22.10	7.85	89.95
8	22.10	7.72	88.46

Wednesday, September 09, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.70	8.00	94.50
1	23.70	7.98	94.26
2	23.70	7.96	94.03
3	23.70	7.93	93.67
4	23.70	7.88	93.08
5	23.70	7.88	93.08
6	23.60	7.71	90.90
7	23.60	7.63	89.96
8	23.10	6.93	80.94

Wednesday, August 10, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.00	7.81	91.04
1	23.00	7.78	90.69
2	23.00	7.76	90.46
3	23.00	7.75	90.35
4	23.00	7.74	90.23
5	23.00	7.72	90.00
6	22.90	7.56	87.96
7	22.80	7.07	82.11

Wednesday, September 07, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.20	8.25	94.72
1	22.20	8.21	94.26
2	22.20	8.18	93.91
3	22.20	8.12	93.22
4	22.10	8.03	92.01
5	22.00	8.04	91.95
6	21.90	7.99	91.20
7	21.90	7.76	88.58
8	21.60	6.95	78.87

Thursday, June 15, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	19.00	8.98	96.81
1	19.00	8.97	96.70
2	18.90	8.93	96.07
3	18.90	8.90	95.75
4	18.90	8.88	95.53
5	18.90	8.85	95.21
6	18.90	8.82	94.89
7	18.90	8.80	94.67

Thursday, July 13, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.60	8.38	95.10
1	21.80	8.34	95.02
2	21.90	8.31	94.86
3	21.90	8.29	94.63
4	21.90	8.28	94.51
5	21.90	8.27	94.40
6	22.00	8.24	94.24
7	22.00	8.22	94.01
8	22.00	8.14	93.10

Wednesday, August 23, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.20	8.21	94.26
1	22.20	8.19	94.03
2	22.20	8.18	93.91
3	22.20	8.15	93.57
4	22.20	8.13	93.34
5	22.20	8.12	93.22
6	22.20	8.08	92.77
7	22.10	7.97	91.33
8	21.90	7.62	86.98
9	21.70	7.32	83.23

Wednesday, August 30, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	20.70	8.49	94.67
1	20.70	8.48	94.56
2	20.70	8.40	93.67
3	20.70	8.36	93.22
4	20.70	8.34	93.00
5	20.70	8.32	92.78
6	20.70	8.30	92.56
7	20.70	8.27	92.22
8	20.60	8.17	90.93

DP3

West Branch Penobscot River - Dolby Pond Impoundment - Near Dam

Wednesday, September 13, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	18.70	8.88	95.15
1	18.60	8.88	94.96
2	18.60	8.84	94.53
3	18.50	8.79	93.80
4	18.50	8.77	93.59
5	18.50	8.73	93.16
6	18.50	8.73	93.16
7	18.50	8.68	92.63
8	18.50	8.65	92.31

EM1

West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Left

Wednesday, July 20, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.20	8.04	92.31
1	22.20	8.01	91.96

EM2

West Branch Penobscot River - Downriver of East Millinocket Paper Mill Discharge - River Right

Wednesday, July 20, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.20	7.99	91.73
1	22.20	7.98	91.62

MI1

West Branch Penobscot River - Rockabema (Medway) Impoundment - Upper

Wednesday, July 20, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.20	8.02	92.08
1	22.20	8.01	91.96
2	22.20	7.99	91.73

Thursday, June 15, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	19.10	8.90	96.14
1	19.10	8.89	96.03
2	19.10	8.88	95.92

Wednesday, June 12, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	16.00	9.70	98.27
1	16.00	9.70	98.27
2	16.00	9.70	98.27

Thursday, August 01, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.50	7.70	90.61
1	23.20	7.70	90.10
2	23.20	7.70	90.10

Wednesday, September 17, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	17.00	9.63	99.64
1	17.00	9.61	99.43
2	17.00	9.59	99.23
3	17.00	9.57	99.02

Thursday, June 18, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	19.10	8.92	96.35
1	18.90	8.90	95.75
2	18.70	8.90	95.36

Wednesday, July 22, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.70	7.69	87.44
1	21.70	7.67	87.21
2	21.70	7.65	86.99
3	21.70	7.64	86.87

Thursday, August 13, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.20	7.91	90.81
1	22.10	7.85	89.95
2	22.10	7.82	89.61

Wednesday, September 09, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.20	7.76	90.80
1	23.20	7.74	90.57
2	23.20	7.70	90.10
3	23.20	7.70	90.10

Wednesday, July 20, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.00	7.85	89.78
1	22.00	7.82	89.44
2	22.00	7.80	89.21
3	22.00	7.79	89.09
4	22.00	7.77	88.86

Wednesday, August 10, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.70	7.65	88.67
1	22.70	7.63	88.44
2	22.70	7.60	88.09
3	22.70	7.57	87.74
4	22.60	7.54	87.23

Wednesday, September 07, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.00	8.03	91.84
1	21.90	8.00	91.32
2	21.80	8.00	91.14
3	21.80	7.98	90.91

Thursday, June 15, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	19.10	9.30	100.46
1	19.10	9.29	100.35
2	19.10	9.27	100.13

Wednesday, July 26, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.70	7.91	91.69
1	22.60	7.87	91.05
2	22.60	7.86	90.93
3	22.60	7.86	90.93

Wednesday, August 23, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.30	7.91	90.99
1	22.30	7.90	90.87
2	22.20	7.91	90.81

Wednesday, August 30, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	20.40	8.30	92.01
1	20.50	8.25	91.64
2	20.50	8.23	91.41

Wednesday, September 13, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	19.20	8.70	94.17
1	18.90	8.70	93.60
2	18.80	8.71	93.52
3	18.70	8.72	93.43

Wednesday, June 12, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	16.00	9.40	95.23
1	16.10	9.30	94.42
2	16.10	9.30	94.42
3	16.10	9.30	94.42
4	16.10	9.30	94.42
5	16.10	9.30	94.42

Wednesday, July 10, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.40	7.64	88.05
1	22.50	7.62	87.99
2	22.40	7.59	87.47
3	22.40	7.57	87.24
4	22.40	7.52	86.67
5	22.40	7.50	86.44
6	22.40	7.48	86.21

Thursday, August 01, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.50	7.70	90.61
1	23.20	7.60	88.93
2	23.10	7.50	87.60
3	23.00	7.50	87.43
4	23.00	7.50	87.43
5	23.00	7.40	86.26
6	22.90	7.40	86.10

Wednesday, September 17, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	17.20	9.45	98.18
1	17.10	9.42	97.67
2	17.10	9.35	96.94
3	17.00	9.31	96.33
4	17.00	9.29	96.12

Thursday, June 18, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	19.20	8.80	95.25
1	18.90	8.78	94.46
2	18.80	8.72	93.62
3	18.70	8.68	93.01
4	18.60	8.63	92.28
5	18.60	8.59	91.85

Wednesday, July 22, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.70	7.63	86.76
1	21.70	7.60	86.42
2	21.60	7.58	86.02
3	21.60	7.56	85.80
4	21.60	7.56	85.80

Thursday, August 13, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.20	7.81	89.67
1	22.20	7.77	89.21
2	22.10	7.69	88.12
3	22.00	7.67	87.72
4	22.00	7.65	87.49
5	22.00	7.62	87.15
6	22.00	7.60	86.92

Wednesday, September 09, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.10	7.65	89.35
1	23.20	7.58	88.70
2	23.20	7.55	88.35
3	23.20	7.53	88.11
4	23.30	7.49	87.81
5	23.30	7.46	87.46
6	23.30	7.43	87.11

Wednesday, July 20, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.10	7.89	90.41
1	22.10	7.87	90.18
2	22.10	7.85	89.95
3	22.00	7.83	89.55
4	22.00	7.80	89.21

Wednesday, August 10, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.70	7.59	87.98
1	22.70	7.56	87.63
2	22.60	7.51	86.88
3	22.60	7.47	86.42
4	22.60	7.44	86.07
5	22.60	7.42	85.84

Wednesday, September 07, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.20	7.97	91.50
1	22.10	7.95	91.10
2	22.00	7.88	90.12
3	21.90	7.86	89.72
4	21.90	7.83	89.38
5	21.80	7.81	88.98

Thursday, June 15, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	19.20	8.93	96.66
1	19.20	8.92	96.55
2	19.10	8.89	96.03
3	19.10	8.86	95.70
4	19.10	8.83	95.38
5	19.10	8.82	95.27

Wednesday, July 26, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.60	7.79	90.12
1	22.60	7.75	89.66
2	22.50	7.71	89.03
3	22.50	7.68	88.68
4	22.40	7.67	88.40
5	22.40	7.65	88.17
6	22.40	7.63	87.94

Wednesday, August 23, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.30	7.92	91.10
1	22.30	7.92	91.10
2	22.20	7.91	90.81
3	22.20	7.89	90.58
4	22.20	7.87	90.35
5	22.20	7.86	90.24

Wednesday, August 30, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	20.70	8.18	91.22
1	20.70	8.17	91.11
2	20.60	8.16	90.82
3	20.60	8.09	90.04
4	20.60	8.06	89.70
5	20.60	8.03	89.37

Wednesday, September 13, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	19.20	8.64	93.52
1	19.10	8.61	93.00
2	18.90	8.63	92.84
3	18.80	8.62	92.55
4	18.80	8.60	92.34
5	18.70	8.59	92.04

Thursday, June 25, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
2	18.10	9.25	97.91

Wednesday, August 24, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.40	8.41	95.07
1	21.30	8.41	94.89
2	21.30	8.38	94.55
3	21.30	8.36	94.32
4	21.30	8.35	94.21

Thursday, July 20, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.90	8.15	96.63
1	23.90	8.16	96.75

Thursday, August 31, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	20.00	8.28	91.06
1	20.00	8.26	90.84
2	20.00	8.24	90.62
3	19.90	8.22	90.23
4	19.90	8.22	90.23

Wednesday, July 10, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.50	8.20	96.50
1	23.70	8.10	95.68
2	23.70	8.10	95.68
3	23.80	8.00	94.68
4	23.60	7.80	91.96
5	23.40	7.50	88.09

Thursday, July 10, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.50	8.43	97.34
1	22.40	8.42	97.04
2	22.40	8.40	96.81
3	22.40	8.38	96.58
4	22.30	8.36	96.16
5	22.30	8.35	96.05
6	22.20	8.34	95.75
7	22.20	8.32	95.52
8	22.20	8.29	95.18

Thursday, August 07, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
1	23.30	7.76	90.98
2	23.30	7.75	90.86
3	23.30	7.75	90.86
4	23.30	7.74	90.74
5	23.20	7.72	90.34

Thursday, September 11, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	20.70	8.21	91.55
1	20.70	8.20	91.44
2	20.70	8.19	91.33
3	20.70	8.18	91.22
4	20.70	8.15	90.88
5	20.70	8.03	89.54

Thursday, June 25, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	18.10	9.14	96.74
1	18.10	9.13	96.64
2	18.10	9.10	96.32
3	18.00	9.06	95.70
4	18.00	9.04	95.49
5	18.00	9.02	95.28
6	18.00	9.00	95.07
7	17.90	9.00	94.87
8	17.90	8.96	94.45
9	17.90	8.90	93.82

Thursday, July 09, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.00	8.47	96.87
1	22.30	8.23	94.67
2	22.30	8.20	94.32
3	22.30	8.19	94.21
4	22.30	8.17	93.98
5	22.20	8.17	93.80

Wednesday, August 12, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.70	7.91	91.69
1	22.70	7.89	91.45
2	22.60	7.88	91.16
3	22.60	7.87	91.05
4	22.60	7.86	90.93
5	22.60	7.84	90.70

Thursday, August 20, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	25.30	7.85	95.52
1	25.40	7.81	95.21
2	25.40	7.80	95.09
3	25.40	7.79	94.97
4	25.40	7.78	94.84
5	25.20	7.63	92.67
6	24.70	7.35	88.45
7	24.70	7.16	86.17

Wednesday, September 23, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	20.20	7.90	87.23
1	21.30	7.91	89.25
2	20.80	7.95	88.83
3	20.60	7.92	88.14
4	20.40	7.92	87.80
5	20.30	7.89	87.29
6	20.30	7.86	86.96
7	20.30	7.84	86.74

Thursday, June 30, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.20	8.24	94.60
1	22.20	8.17	93.80
2	22.20	8.12	93.22
3	22.10	8.09	92.70
4	22.10	7.98	91.44
5	22.00	7.89	90.24
6	22.00	7.83	89.55
7	21.80	7.69	87.61
8	21.70	7.63	86.76

Wednesday, August 03, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	25.80	7.90	97.01
1	25.20	7.65	92.92
2	25.00	7.57	91.61
3	24.90	7.51	90.71
4	24.80	7.44	89.70
5	24.70	7.29	87.73
6	24.70	7.15	86.05
7	24.60	6.79	81.56

Wednesday, August 24, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.70	8.16	94.58
1	22.40	8.14	93.81
2	22.20	8.10	92.99
3	21.90	7.93	90.52
4	21.80	7.88	89.78
5	21.70	7.88	89.60
6	21.70	7.91	89.94
7	21.70	7.87	89.49
8	21.70	7.83	89.03

Wednesday, September 14, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	20.70	8.23	91.78
1	20.70	8.20	91.44
2	20.90	8.16	91.35
3	20.90	8.13	91.02
4	20.90	8.11	90.79
5	20.90	8.10	90.68
6	20.90	8.08	90.46
7	20.90	8.06	90.23
8	20.90	8.04	90.01

Thursday, June 22, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	20.20	8.75	96.62
1	20.30	8.69	96.14
2	20.30	8.66	95.81
3	20.20	8.60	94.96
4	20.20	8.58	94.74
5	20.20	8.56	94.52
6	20.20	8.52	94.08
7	20.20	8.41	92.86

Thursday, July 20, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	24.80	8.38	101.04
1	24.30	8.37	99.98
2	23.70	8.19	96.74
3	23.50	8.03	94.50
4	23.40	7.94	93.26
5	23.40	7.90	92.79
6	23.40	7.87	92.44
7	23.30	7.83	91.80
8	23.20	7.78	91.04

Thursday, August 03, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	24.20	8.00	95.39
1	24.20	7.99	95.27
2	24.20	7.96	94.91
3	24.20	7.93	94.55
4	23.70	7.77	91.78
5	23.50	7.53	88.61
6	23.40	7.28	85.51

Thursday, August 31, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	20.40	8.25	91.46
1	20.40	8.23	91.23
2	20.40	8.22	91.12
3	20.40	8.18	90.68
4	20.40	8.17	90.57
5	20.30	8.16	90.28
6	20.30	8.15	90.17
7	20.30	8.13	89.95
8	20.20	8.12	89.66

Thursday, September 14, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	19.20	8.73	94.49
1	19.10	8.70	93.98
2	19.00	8.69	93.68
3	19.00	8.67	93.46
4	18.90	8.60	92.52
5	18.80	8.54	91.69
6	18.60	8.43	90.14

Wednesday, July 10, 2013

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	23.50	8.20	96.50
1	23.60	8.20	96.68
2	23.70	8.10	95.68
3	23.60	8.10	95.50
4	23.60	8.00	94.32
5	23.50	7.90	92.97
6	23.40	7.80	91.62
7	23.30	7.80	91.45
8	23.30	7.60	89.10

Thursday, July 10, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.60	8.45	97.76
1	22.30	8.44	97.08
2	22.20	8.42	96.67
3	22.20	8.39	96.32
4	22.20	8.37	96.09
6	22.10	8.35	95.68

Wednesday, July 30, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	24.00	7.84	93.13
1	23.50	7.78	91.56
2	23.20	7.75	90.69
3	23.10	7.69	89.82
4	23.10	7.67	89.58
5	23.00	7.62	88.83
6	23.00	7.54	87.90
7	23.00	7.52	87.66
8	22.90	7.53	87.61

Thursday, August 07, 2014

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
1	23.20	7.77	90.92
2	23.30	7.72	90.51
3	23.30	7.70	90.27
4	23.30	7.68	90.04
5	23.30	7.67	89.92
6	23.30	7.67	89.92
7	23.30	7.63	89.45

Thursday, July 09, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.20	8.30	95.29
1	22.20	8.29	95.18
2	22.20	8.26	94.83
3	22.20	8.23	94.49
4	22.20	8.20	94.14
5	22.20	8.19	94.03
6	22.20	8.16	93.68
7	22.20	8.15	93.57
8	22.20	8.12	93.22

Wednesday, August 12, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.70	7.94	92.03
1	22.70	7.90	91.57
2	22.70	7.87	91.22
3	22.70	7.85	90.99
4	22.70	7.83	90.76
5	22.60	7.84	90.70
6	22.60	7.83	90.59

Thursday, August 20, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	25.40	7.82	95.33
1	25.40	7.81	95.21
2	25.40	7.80	95.09
3	25.50	7.77	94.90
4	25.40	7.72	94.11
5	24.90	7.45	89.99
6	24.80	7.36	88.74

Wednesday, September 23, 2015

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	21.80	8.05	91.71
1	21.20	8.02	90.31
2	20.90	8.01	89.67
3	20.70	8.00	89.21
4	20.60	7.95	88.48
5	20.50	7.91	87.86
6	20.40	7.89	87.47
7	20.40	7.86	87.13

Thursday, June 30, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.30	8.19	94.21
1	22.30	8.17	93.98
2	22.20	8.15	93.57
3	22.10	8.07	92.47
4	21.90	7.85	89.61
5	21.90	7.81	89.15
6	21.80	7.78	88.64
7	21.80	7.73	88.07

Wednesday, August 03, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	26.20	8.07	99.82
1	25.40	8.03	97.89
2	25.10	7.98	96.75
3	24.90	7.78	93.98
4	24.60	7.11	85.41

Wednesday, August 24, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	22.80	8.13	94.42
1	22.40	8.08	93.12
2	21.80	7.94	90.46
3	21.70	7.92	90.06
4	21.70	7.91	89.94
5	21.70	7.88	89.60

Wednesday, September 14, 2016

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	20.80	8.28	92.51
1	20.80	8.25	92.18
2	20.90	8.22	92.02
3	20.90	8.19	91.69
4	20.90	8.17	91.46
5	20.90	8.14	91.13
6	20.90	8.13	91.02

Thursday, June 22, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	20.30	8.64	95.59
1	20.30	8.62	95.37
2	20.30	8.59	95.04
3	20.30	8.57	94.82
4	20.30	8.54	94.48
5	20.30	8.53	94.37
6	20.30	8.51	94.15
7	20.30	8.50	94.04
8	20.30	8.49	93.93

Thursday, July 20, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	24.90	8.11	97.96
1	24.40	8.11	97.06
2	23.80	8.03	95.03

Thursday, August 03, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	24.20	7.99	95.27
1	24.20	7.96	94.91
2	24.10	7.87	93.66
3	23.90	7.78	92.25
4	23.70	7.70	90.96
5	23.50	7.64	89.91
6	23.40	7.58	89.03
7	23.40	7.50	88.09
8	23.30	7.42	86.99
9	23.20	0.17	1.99

Thursday, September 14, 2017

Depth (m)	Temp (degC)	DO (mg/L)	DO (%)
0	19.30	8.40	91.10
1	19.20	8.73	94.49
2	19.00	8.68	93.57
3	18.90	8.63	92.84
4	18.90	8.60	92.52
5	18.80	8.57	92.01
6	18.80	8.52	91.48
7	18.70	8.45	90.54