

Saco River Basin Water Quality Monitoring Program - Year 2001
 Testing Results for Sampling Site Code S21
 Public Boat Launch off Front Street in Saco, ME

Saco River Basin Water Quality Monitoring Program
Sampling Site Public Boat Launch off Front Street in Saco, ME (Code S21)

	07/06/01	07/20/01	08/03/01	08/17/01
pH (units)	6.94	6.84	7.27	7.27
Temperature (°C)	24.50	22.60	25.90	25.00
Turbidity (NTU)	2.48	1.70	1.77	1.41
Conductivity				
Dissolved Oxygen (mg/L)	9.10	6.70	8.00	7.40
Dissolved Oxygen (% saturation)	109.60	75.50	96.60	87.00
Total Kjeldahl Nitrogen (mg/L)			0.41	
Total Phosphorus (mg/L)			0.04	
Orthophosphate (ug/L)				
Escherichia coli (colonies/100mL)	67.00	68.90	225.00	114.00
Notes				

BU = Saco River backed up into Thatcher Brook from highwater

HR = heavy rain

HR24 = heavy rain past 24 hours

HR48 = heavy rain past 48 hours

HR72 = heavy rain past 72 hours

MM = meter malfunction

TNTC = too numerous to count

RC = road closed due to high water from Hurricane Irene

HI = water extremely high due to Hurricane Irene

LT = low tide; conductivity still high

HT = high tide; conductivity re-check

MS1 = meter wouldn't stabilize; conductivity reading between 111 and 121

MS2 = meter wouldn't stabilize; conductivity reading between 500 and 774

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08/31/01	09/14/01	09/28/01	10/12/01	10/26/01	04/19/02	05/03/02
	7.62	7.21	7.25	7.23	6.71	7.02
	21.40	19.20	15.30	12.90	11.60	8.20
	1.56	2.85	1.11	0.94	7.78	3.00
	5.20	7.70	10.20	9.50	13.20	12.59
	57.40	83.56	102.30	90.15	121.60	107.00
71.30	33.60	41.70	47.00	52.00	5.57	7.63

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05/17/02	05/31/02	06/14/02	06/28/02	07/12/02	07/26/02	08/09/02
7.01	6.93	7.03	6.87	6.97	7.21	7.02
10.50	17.50	17.90	21.80	23.70	23.70	23.60
2.31	1.59	2.20	1.62	1.32	1.33	1.44
10.33	8.15	8.50	10.58	6.27	11.54	8.21
92.80	85.40	89.80	120.90	74.30	136.80	97.10
82.60	34.42	70.60		22.60	103.00	106.00

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08/23/02	09/06/02	09/20/02	10/04/02	10/18/02	11/01/02	04/18/03
7.11	6.90	7.07	7.03	6.68	7.02	7.78
24.90	22.20	21.70	18.50	13.50	8.30	7.20
0.81	1.20	1.43	0.90	6.57	1.01	1.85
6.75	7.89	8.49	8.44	8.83	10.34	14.52
81.80	90.90	96.80	90.30	84.90	88.10	120.05
29.80	67.20	33.20	19.40	1.00	10.09	17.00

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05/02/03	05/16/03	05/30/03	06/13/03	06/27/03	07/11/03	07/25/03
7.82	7.71	6.61	6.80	6.93	6.69	6.30
11.80	12.00	15.20	18.40	23.20	24.80	24.20
1.54	1.21	1.38	1.07	1.59	1.14	1.00
10.85		9.49	10.66		7.61	7.83
101.60		94.00	113.50		92.00	96.10
	38.00	35.00	80.00	121000.00	300.00	30.00

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08/08/03	08/22/03	09/05/03	09/19/03	10/03/03	10/17/03	10/31/03
7.03	6.34	6.94	7.03	7.22	7.93	8.21
24.00	24.30	21.10	20.10	16.00	12.70	9.80
2.51	1.10	2.00	1.00	1.21	3.70	6.85
	7.48	9.21	8.22	7.93	10.01	10.62
	89.15	103.60	90.40	80.70	94.60	94.10
20.00	180.00	130.00		116.00	140.00	75.00

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04/16/04	04/30/04	05/14/04	05/28/04	06/11/04	06/25/04	07/09/04
6.84	7.22	6.67	6.80	6.56	6.95	7.14
5.00	12.50	15.00	13.00	17.00	21.00	22.00
5.08	2.20	1.67	2.20	2.73	1.72	3.06
13.18	12.38	10.70	9.95	9.34	7.97	7.31
102.80	110.00	106.30	95.80	98.20	90.50	80.60
41.40	12.00	13.00	18.00	43.00	48.00	190.00

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07/23/04	08/06/04	08/20/04	09/03/04	09/17/04	10/01/04	10/15/04
7.03	7.09	7.15	6.96	6.94	6.89	7.34
26.00	23.50	22.50	21.50	20.00	19.00	15.00
1.49	1.70	1.72	1.52	2.24	1.54	4.38
8.01	8.34	8.92	8.55	9.45	8.57	10.11
93.90	98.40	104.20	97.00	103.80	89.10	100.00
	2.30	3.70	5.70	2.00	1.30	1.70
180.00	50.00	210.00	70.00	37.00	50.00	298.00

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10/29/04	04/15/05	04/29/05	05/13/05	05/27/05	06/10/05	06/24/05
7.20	6.64	6.63	6.73	6.88	6.94	6.80
10.00	5.00	8.00	11.80	10.00	19.00	19.50
1.39	4.28	12.40	2.47	5.25	1.63	1.53
11.94	13.00	12.50	10.38	11.99	9.31	13.19
103.70	103.60	106.70	97.60	108.50	103.70	142.30
1.70						
29.00	0.00	47.00	3.00	124.00	36.00	12.00

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07/08/05	07/22/05	08/05/05	08/19/05	09/02/05	09/16/05	09/30/05
6.89	6.79	6.96	7.01	6.62	7.16	7.23
22.50	25.50	25.00	23.50	23.00	21.50	19.00
2.48	2.46	2.30	1.88	1.49	1.95	1.30
8.82	7.98	8.42	8.35	7.89	9.02	9.43
101.80	97.90	102.70	98.60	92.10	102.30	99.00
2.00	16.00	52.00	28.00	81.00	188.00	TNTC

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10/14/05	04/14/06	04/28/06	05/12/06	05/26/06	06/09/06	06/23/06
6.86	7.23	7.11	6.87	6.77	8.36	6.90
14.00	8.50	11.20	13.50	13.90	16.30	23.30
3.15	1.61	1.46	2.04	2.71	4.24	1.78
11.36	13.47	13.74	11.41	11.77	10.88	8.96
110.85	114.90	125.05	109.40	113.90	110.75	105.00
80.00	2.00	4.00		6.00	60.00	24.00

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07/07/06	07/21/06	08/04/06	08/18/06	09/01/06	09/15/06	09/29/06
7.10	7.56	6.90	7.10	7.00	6.60	6.90
22.20	25.60	25.00	23.10	20.50	18.70	18.50
1.43	1.65	1.69	1.52	1.35	1.20	1.28
8.95	6.86		6.82	6.59	7.59	8.82
102.70	83.90		79.50	73.10	81.30	86.90
72.00	40.00	24.00	4.00	4.00	88.00	102.00

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10/13/06	05/11/07	05/25/07	06/08/07	06/22/07	07/06/07	07/20/07
7.30	8.03	7.46	7.40	6.88	7.02	6.99
13.80	14.00	12.70	16.40	21.50	22.70	22.00
5.95	1.84	1.77	2.41	1.93	1.61	1.76
6.28	8.82	11.50	9.78	6.94	6.67	8.58
60.50	87.80	108.40	99.70	78.45	77.20	98.10
	141.7	4	6.5	3.10	2.50	5.00
450.00	5.20	13.20	128.10	30.10	45.70	260.30

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08/03/07	08/17/07	08/31/07	09/14/07	09/28/07	10/12/07	05/16/08
7.11	7.19	7.21	7.08	7.20	7.00	6.64
25.50	24.80	22.70	20.90	21.00	16.80	14.00
1.41	1.43	1.57	2.11	1.83	2.15	1.81
8.30	7.66	7.27	8.59	8.34	8.46	10.45
101.25	92.30	85.05	99.50	93.50	87.00	97.70
11.20	5.30	70.70	78.00	18.30	15.40	4.4
	37.30	23.80	101.40	2419.60	478.60	104.60

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05/30/08	06/13/08	06/27/08	07/11/08	07/25/08	08/08/08	08/20/08
6.85	6.80	6.83	6.76	6.82	6.54	6.82
16.20	19.50	21.20	24.10	22.80	20.00	20.60
1.68	1.40	2.19	1.63	15.60	7.55	2.13
8.80	7.79	7.45	6.74	7.50	8.91	7.85
89.50	84.70	83.80	80.20	86.90	97.90	87.40
3.7	3.5	4.10		7.00	18.60	7.40
10.80	35.50	32.80		816.40 >2419.6		48.00
			HR			

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09/12/08	09/19/08	10/03/08	10/17/08	05/22/09	06/05/09	06/19/09
6.66	6.67	6.50	6.50	6.50	6.71	6.78
18.50	18.00	15.60	13.00	16.00	16.60	17.50
3.17	1.77	2.53	1.42	1.60	1.63	3.11
				13.40	13.76	14.14
8.29	8.43	10.50	10.95	9.70	9.48	9.43
88.50	88.90	105.40	103.90	99.10	97.50	99.30
8.00	4.50	4.20	3.60	5	22.1	9.2
43.50	7.50	36.40	21.80	15.50	21.80	325.50

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07/03/09	07/17/09	07/31/09	08/14/09	08/28/09	09/14/09	09/25/09
6.51	6.57	6.63	6.62	6.61	6.77	6.87
18.20	20.00	22.30	21.60	23.50	19.60	18.20
4.36	2.25	2.29	2.78	3.91	2.76	2.32
9.96	11.31	12.24	12.52	13.36	17.44	43.90
10.18	9.91	8.80	9.85	8.06	8.86	9.09
109.20	110.30	102.20	111.70	94.80	97.50	96.50
n/a	2.7	2.30	5.10	4.90	4.20	3.60
107.10	18.30	41.00	49.50	61.30	66.30	22.80

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05/21/10	06/04/10	06/18/10	07/02/10	07/16/10	07/30/10	08/13/10
6.74	6.66	6.75	6.74	6.70	6.72	6.92
15.80	20.90	18.40	22.40	25.40	25.30	24.10
2.41	2.28	2.16	1.90	3.72	1.63	1.37
22.40			38.60	26.10	149.45	99.60
10.15	8.73	9.52	8.61	7.78	8.14	9.42
102.80	98.90	102.10	99.40	95.40	99.90	112.30
1.6 <1.0		1				
45.00	86.50	72.70	65.70	228.80	48.00	30.30

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	08/27/10	09/10/10	09/24/10	05/27/11	06/10/11	06/24/11	07/08/11
	6.05	6.95	6.98	6.77	6.82	6.81	6.79
	22.20	22.70	19.90	15.00	20.40	19.40	23.10
	5.59	1.63	1.54	1.72	1.61	1.70	1.98
	30.50			17.17	21.70	26.50	
	8.56	9.27	9.85	10.43	9.00	8.70	8.03
	98.60	109.00	108.40	104.20	100.80	94.40	93.60
			5.30	0.4			
HR	387.30	23.00	48.70	275.50	26.20	249.50	43.50

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07/22/11	08/05/11	08/19/11	09/02/11	09/16/11	09/30/11	10/14/11
7.02	7.04	6.97	6.76	7.21	6.85	6.83
26.20	24.60	23.60	19.90	19.30	18.70	14.50
1.35	1.30	1.40	52.60	5.33	8.06	6.07
2.82	32.20	33.30	16.80	21.23	29.90	20.91
8.41	8.68	7.82	9.71	10.14	8.55	10.00
104.90	103.80	92.20	105.80	109.40	92.30	99.50
		1.60				0.60
	58.80	68.20	137.60	22.80	920.80	167.00

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09/07/12	09/21/12	10/05/12	05/17/13	05/31/13	06/14/13	06/28/13
6.64	6.69	6.86	7.14	6.69	6.94	6.94
22.30	18.70	15.10	15.30	15.40	17.60	21.60
2.04	2.72	1.88	3.06	2.73	2.78	5.92
28.60	28.50	22.60	19.65	19.72	22.50	26.50
8.11	9.15	9.67	10.24	10.22	9.67	8.92
93.20	97.10	95.80	101.70	102.65	101.60	101.70
		5.30				
			0.5		0.05	0.05
35.90	30.50	21.60	9.50	13.30	28.80	461.10
					HR48	

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07/12/13	07/26/13	08/02/13	08/23/13	09/06/13	09/20/13	5/16/2014
7.02	6.89	6.95	6.92	8.50	6.87	
23.40	23.40	23.50	22.90	21.30	23.50	6.57
5.18	2.67	1.67	1.57	2.58	1.74	15.5
23.00	23.80	23.40	24.10	25.00	23.50	2.42
8.99	8.64	8.54	8.66	9.08	9.73	20.41
103.70	102.10	101.70	101.65	102.45	103.10	10.11
						100.4
						n/a
	0.05	0.76	0.24		0.06	
178.20	86.00	435.20	28.80	52.10	28.20	
						17.5

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9/19/2014 10/1/2014 10/14/2014

6.89		
18.7	17.5	
1.69	1.52	
637	302	74.8
10.31	10.18	
108.6	105.5	
n/a	n/a	n/a

	25.6	
MS2	LT	HT