

APPENDIX I

UPPER CONNECTICUT RIVER WATERSHED

(HUC8: 01080101)

I. WATERSHED DESCRIPTION AND MAPS

The Upper Connecticut River Watershed covers an area of approximately 1,118 square miles in the northwest corner of New Hampshire. The watershed enters Vermont and Canada on the western border. There are 23 New Hampshire towns located at least partially within the watershed, extending from Low & Burbanks to the northern-most town of Pittsburg. At its widest point the watershed is 27.5 miles and 69.4 miles long. As shown in Figure 1, the primary watercourse in the region is the Connecticut River which flows south from Canada along the NH-VT border. The geography is very mountainous with forms such as the Diamond Ridge, Dartmouth Range, Crescent Range, and Pilot Range. Lakes of notable size include Lake Francis, and First and Second Connecticut Lakes all located in the northern third of the watershed.

The watershed consists of 83% forested land cover. A portion of the forest land is conserved and protected as part of state parks and wildlife management areas such as the Nash Stream Forest, Coleman State Park, and most notably the White Mountain National Forest. The southern watershed border follows the Appalachian Trail through Thompson and Meserves, NH. The watershed supports more agriculture (3%) than developed land (1%) which follows major highways.

To facilitate management of the State's water resources, surface waters in New Hampshire have been divided into over 5,200 smaller segments called Assessment Units (AUs) that each have a unique identification number or AUID. Due to resource constraints it is not possible to sample all AUs. Of the AUs sampled in this watershed, 16 have been assessed as impaired for bacteria. The location of each bacteria impaired surface water AU is shown on the Figures as either a dark blue circle or line. A majority of impairments are segments of the Connecticut River. Section II presents all bacteria data collected in these impaired reaches over the past 10 years by NH DES, with exceedances of the state's water quality standards for bacteria noted. Applicable bacteria water quality criteria for each AU as well as an estimate of the percent reduction needed to meet each water quality criterion (and TMDL), based on the highest recorded bacteria measurement that exceeds the criterion, are also provided.

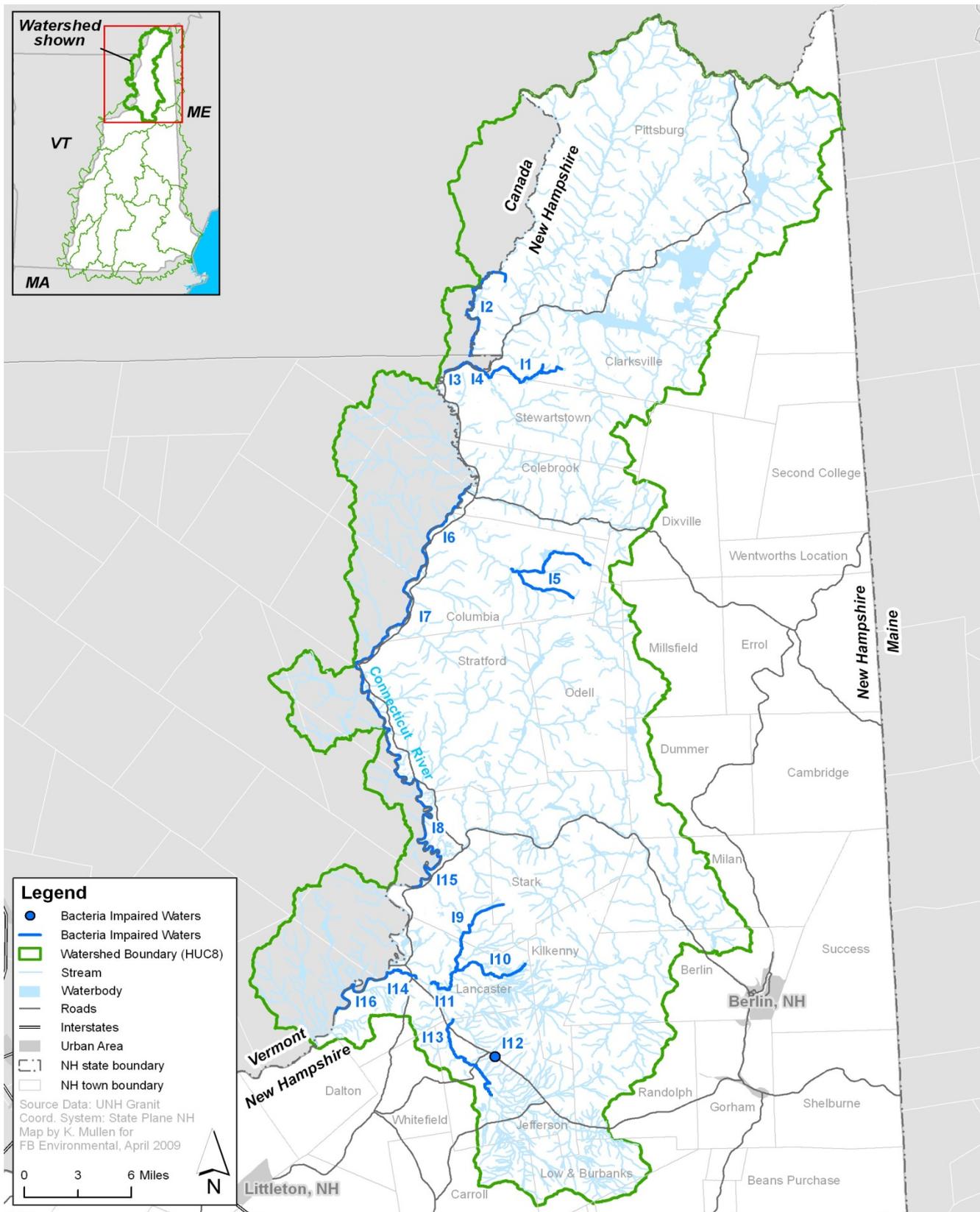


Figure 1. Bacteria-impaired waters in Upper Connecticut River Watershed (segments labeled by table number)

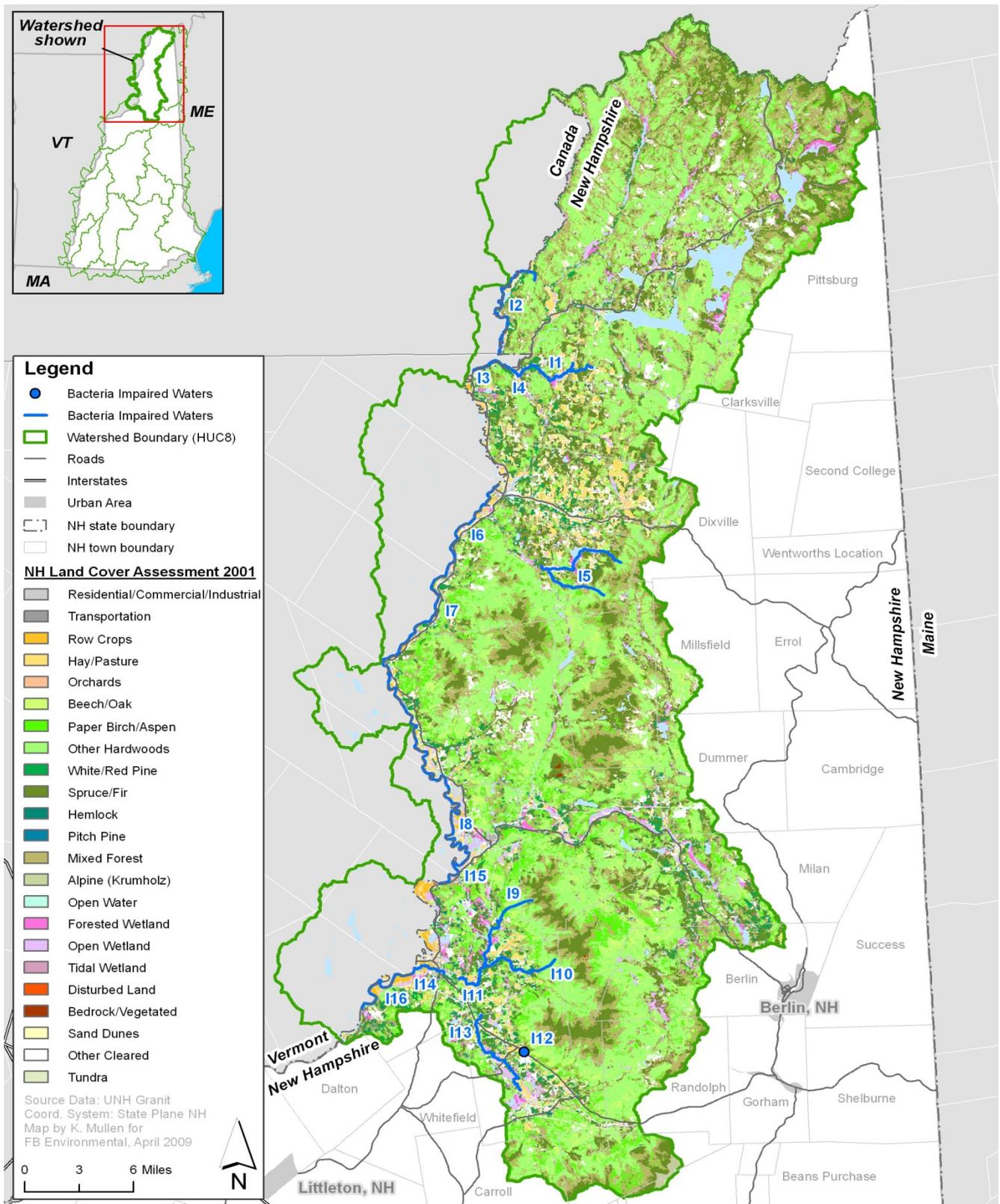


Figure 2. Land cover in Upper Connecticut River Watershed with noted bacteria impaired water (segments labeled by table number)

II. WATER QUALITY DATA TABLES

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I 1: BISHOP BROOK – POND BROOK

AUID: NHRIV801010301-02

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 3%

Single sample: *in compliance*

Data: 2003 (inclusive) from NH DES, 2008 TMDL cycle

Single sample *E. coli* results (CTS/100ML)

Station ID	Station Name	Date	Result	Wet/dry
01-BSH	RTE 3 BRIDGE	6/11/03	* 90	no data
01-BSH	RTE 3 BRIDGE	7/10/03	* 190	no data
01-BSH	RTE 3 BRIDGE	7/30/03	* 130	no data

**Geometric mean
E. coli results
(CTS/100ML)**

Date	Result
7/30/03	131

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I 2: HALLS STREAM

AUID: NHRIV801010303-02

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 61%

Single sample: 75%

Data: 2000-2001 (inclusive) from NH DES, 2006 TMDL cycle

Single sample <i>E. coli</i> results (CTS/100ML)						Geometric mean <i>E. coli</i> results (CTS/100ML)	
Station ID	Station Name	Date	Result	Wet/dry	Date	Result	
01-HAS	BEECHER FALLS RD, VT	6/15/00	* 70	no data	8/7/00	110	
01-HAS	BEECHER FALLS RD, VT	7/13/00	* 160	dry	7/19/01	321	
01-HAS	BEECHER FALLS RD, VT	8/7/00	* 120	dry			
01-HAS	BEECHER FALLS RD, VT	6/18/01	* 74	wet			
02-HAS	2.2 MILES NORTH ON HALLS STREAM RD	6/18/01	* 1650	wet			
01-HAS	BEECHER FALLS RD, VT	7/2/01	* 1150	no data			
02-HAS	2.2 MILES NORTH ON HALLS STREAM RD	7/2/01	* 720	no data			
01-HAS	BEECHER FALLS RD, VT	7/19/01	* 60	dry			
02-HAS	2.2 MILES NORTH ON HALLS STREAM RD	7/19/01	* 180	dry			

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I 3: CONNECTICUT RIVER – CANAAN HYDRO

AUID: NHIMP801010305-01

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 4%

Single sample: 72%

Data: 2004 - 2005 (inclusive) from NH DES, 2008 TMDL cycle

Single sample <i>E. coli</i> results (CTS/100ML)						Geometric mean <i>E. coli</i> results (CTS/100ML)	
Station ID	Station Name	Date	Result	Wet/dry		Date	Result
72-CNT	RR BRIDGE UPSTREAM OF CANAAN DAM	6/8/04	* 10	no data		7/21/04	22.9
72-CNT	RR BRIDGE UPSTREAM OF CANAAN DAM	7/15/04	* 30	no data		9/9/04	130
72-CNT	RR BRIDGE UPSTREAM OF CANAAN DAM	7/21/04	* 40	no data		8/31/05	94.4
72-CNT	RR BRIDGE UPSTREAM OF CANAAN DAM	8/13/04	* 1690	no data		9/13/05	64.2
72-CNT	RR BRIDGE UPSTREAM OF CANAAN DAM	9/9/04	* 140	no data			
72-CNT	RR BRIDGE UPSTREAM OF CANAAN DAM	7/6/05	* 70	no data			
72-CNT	RR BRIDGE UPSTREAM OF CANAAN DAM	8/3/05	* 40	no data			
72-CNT	RR BRIDGE UPSTREAM OF CANAAN DAM	8/31/05	* 300	no data			
72-CNT	RR BRIDGE UPSTREAM OF CANAAN DAM	9/13/05	* 22	no data			

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I4: CONNECTICUT RIVER

AUID: NHRIV801010305-01

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 4%

Single sample: 72%

Data: 2004-2005 (inclusive) from NH DES, 2008 TMDL cycle

Single sample <i>E. coli</i> results (CTS/100ML)						Geometric mean <i>E. coli</i> results (CTS/100ML)	
Station ID	Station Name	Date	Result	Wet/dry	Date	Result	
73-CNT	BRIDGE STREET BRIDGE-STEWARTSTOWN	6/8/04	* 5	dry	7/21/04	14.4	
73-CNT	BRIDGE STREET BRIDGE-STEWARTSTOWN	7/15/04	* 30	no data	9/9/04	131	
73-CNT	BRIDGE STREET BRIDGE-STEWARTSTOWN	7/21/04	* 20	no data			
73-CNT	BRIDGE STREET BRIDGE-STEWARTSTOWN	8/13/04	* 1470	no data			
73-CNT	BRIDGE STREET BRIDGE-STEWARTSTOWN	9/9/04	* 330	no data			
73-CNT	BRIDGE STREET BRIDGE-STEWARTSTOWN	9/13/05	* 25	no data			

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I 5: SIMMS STREAM – EAST BRANCH SIMMS STREAM

AUID: NHRIV801010403-01

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 9%

Single sample: 66%

Data: 2005 (inclusive) from NH DES, 2008 TMDL cycle

Single sample *E. coli* results (CTS/100ML)

Station ID	Station Name	Date		Result	Wet/dry
NH_HEX_5.04	SIMMS STREAM	7/6/05	*	110	no data
NH_HEX_5.04	SIMMS STREAM	8/3/05	*	20	no data
NH_HEX_5.04	SIMMS STREAM	8/31/05	*	1200	no data

**Geometric mean
E. coli results
(CTS/100ML)**

Date	Result
8/31/05	138

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I 6: CONNECTICUT RIVER

AUID: NHRIV801010404-02

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 51%

Single sample: 76%

Data: 2004-2005 (inclusive) from NH DES, 2008 TMDL cycle

Single sample *E. coli* results (CTS/100ML)

Station ID	Station Name	Date	Result	Wet/dry
69-CNT	BRIDGE ST BRIDGE - COLEBROOK	6/8/04	* 5	no data
69-CNT	BRIDGE ST BRIDGE - COLEBROOK	7/15/04	* 140	no data
69-CNT	BRIDGE ST BRIDGE - COLEBROOK	7/21/04	* 40	no data
69-CNT	BRIDGE ST BRIDGE - COLEBROOK	8/13/04	* 1690	no data
69-CNT	BRIDGE ST BRIDGE - COLEBROOK	9/9/04	* 470	no data
68-CNT	COLUMBIA COVERED BRIDGE	9/13/05	* 40	no data
69-CNT	BRIDGE ST BRIDGE - COLEBROOK	9/13/05	* 5	no data

Geometric mean *E. coli* results (CTS/100ML)

Date	Result
7/21/04	30.4
9/9/04	258

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I7: CONNECTICUT RIVER

AUID: NHRIV801010405-03

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 37%

Single sample: 57%

Data: 2004-2005 (inclusive) from NH DES, 2008 TMDL cycle

Single sample <i>E. coli</i> results (CTS/100ML)						Geometric mean <i>E. coli</i> results (CTS/100ML)	
Station ID	Station Name	Date		Result	Wet/dry	Date	Result
67-CNT	ROUTE 105 BRIDGE	6/8/04	*	5	no data	7/21/04	19.1
67-CNT	ROUTE 105 BRIDGE	7/15/04	*	70	no data	9/9/04	120
67-CNT	ROUTE 105 BRIDGE	7/21/04	*	20	no data	8/31/05	200
67-CNT	ROUTE 105 BRIDGE	8/13/04	*	410	no data	9/13/05	57.5
67-CNT	ROUTE 105 BRIDGE	9/9/04	*	360	no data		
67-CNT	ROUTE 105 BRIDGE	7/6/05	*	420	no data		
67-CNT	ROUTE 105 BRIDGE	8/3/05	*	20	no data		
67-CNT	ROUTE 105 BRIDGE	8/31/05	*	950	no data		
67-CNT	ROUTE 105 BRIDGE	9/13/05	*	10	no data		

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I 8: CONNECTICUT RIVER

AUID: NHRIV801010603-05

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 15%

Single sample: *in compliance*

Data: 2004-2005 (inclusive) from NH DES, 2008 TMDL cycle

Single sample *E. coli* results (CTS/100ML)

Station ID	Station Name	Date	Result	Wet/dry
64-CNT	MAIDSTONE BRIDGE	6/8/04	* 5	dry
64-CNT	MAIDSTONE BRIDGE	7/15/04	* 130	wet
64-CNT	MAIDSTONE BRIDGE	7/21/04	* 50	dry
64-CNT	MAIDSTONE BRIDGE	8/17/04	* 250	no data
64-CNT	MAIDSTONE BRIDGE	9/9/04	* 300	no data
64-CNT	MAIDSTONE BRIDGE	9/13/05	* 20	no data

**Geometric mean
E. coli results
(CTS/100ML)**

Date	Result
7/21/04	31.9
9/9/04	149

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I 9: BURNSIDE BROOK

AUID: NHRIV801010805-04

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 23%

Single sample: 43%

Data: 2007 (inclusive) from NH DES, 2008 TMDL cycle

Single sample *E. coli* results (CTS/100ML)

Station ID	Station Name	Date	Result	Wet/dry
03-OTT	BRIDGE ON GRANGE RD	6/12/07 *	84	no data
03-OTT	BRIDGE ON GRANGE RD	7/17/07 *	65.4	no data
03-OTT	BRIDGE ON GRANGE RD	8/7/07 *	791.5	no data

Geometric mean *E. coli* results (CTS/100ML)

Date	Result
8/7/07	163

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I 10: OTTER BROOK – CALEB BROOK – BONE BROOK

AUID: NHRIV801010805-05

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 50%

Single sample: 8%

Data: 2000 (inclusive) from NH DES, 2006 TMDL cycle

Single sample *E. coli* results (CTS/100ML)

Station ID	Station Name	Date	Result	Wet/dry
02-OTT	GARLAND RD BRIDGE	7/10/00 *	210	no data
02-OTT	GARLAND RD BRIDGE	8/2/00 *	170	no data
02-OTT	GARLAND RD BRIDGE	8/21/00 *	440	no data

**Geometric mean
E. coli results
(CTS/100ML)**

Date	Result
8/21/00	250

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I11: OTTER BROOK

AUID: NHRIV801010805-06

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 79%

Single sample: 80%

Data: 2000-2007 (inclusive) from NH DES

Geometric mean data: 2006 TMDL cycle

Single sample data: 2008 TMDL cycle

Single sample *E. coli* results (CTS/100ML)

Station ID	Station Name	Date	Result	Wet/dry
01-OTT	NORTH RD BRIDGE	6/11/03	* 120	no data
01-OTT	NORTH RD BRIDGE	7/10/03	* 940	no data
01-OTT	NORTH RD BRIDGE	7/30/03	* 50	no data
01-OTT	NORTH RD BRIDGE	8/21/06	* 2000	no data
01-OTT	NORTH RD BRIDGE	6/12/07	* 144	no data
01-OTT	NORTH RD BRIDGE	7/17/07	* 132.6	no data
01-OTT	NORTH RD BRIDGE	8/7/07	* 913.9	no data

**Geometric mean
E. coli results
(CTS/100ML)**

Date	Result
8/21/00	604

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I 12: WAUMBEK INN BROOK – TOWN BEACH

AUID: NHRIV801010806-03-02

Characteristics: freshwater, class B designation, designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 47 CTS/100mL

Single sample: 88 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: *in compliance*

Single sample: 70%

Data: 2003-2007 (inclusive) from NH DES, 2008 TMDL cycle

Single sample <i>E. coli</i> results (CTS/100ML)							Geometric mean <i>E. coli</i> results (CTS/100ML)	
Station ID	Station Name	Date	Result	Wet/dry	Date	Result		
BCHWIBJEFCR	WAUBEK INN BROOK TB-CENTER	7/9/03	* 6	no data	8/19/03	4.36		
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	7/9/03	* 1	no data	8/3/04	3.30		
BCHWIBJEFRT	WAUBEK INN BROOK TB-RIGHT	7/9/03	* 6	no data	8/9/05	2.40		
BCHWIBJEFCR	WAUBEK INN BROOK TB-CENTER	8/19/03	* 8	no data	8/2/06	21.7		
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	8/19/03	* 6	no data	8/21/07	2.40		
BCHWIBJEFRT	WAUBEK INN BROOK TB-RIGHT	8/19/03	* 4	no data				
BCHWIBJEFCR	WAUBEK INN BROOK TB-CENTER	7/6/04	* 2	no data				
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	7/6/04	* 2	no data				
BCHWIBJEFRT	WAUBEK INN BROOK TB-RIGHT	7/6/04	* 1	no data				
BCHWIBJEFCR	WAUBEK INN BROOK TB-CENTER	8/3/04	* 9	no data				
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	8/3/04	* 18	no data				
BCHWIBJEFRT	WAUBEK INN BROOK TB-RIGHT	8/3/04	* 2	no data				
BCHWIBJEFCR	WAUBEK INN BROOK TB-CENTER	7/20/05	* 2	no data				
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	7/20/05	* 6	no data				
BCHWIBJEFRT	WAUBEK INN BROOK TB-RIGHT	7/20/05	* 1	no data				
BCHWIBJEFCR	WAUBEK INN BROOK TB-CENTER	8/9/05	* 4	no data				
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	8/9/05	* 2	no data				
BCHWIBJEFRT	WAUBEK INN BROOK TB-RIGHT	8/9/05	* 2	no data				
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	6/26/06	* 294	no data				
BCHWIBJEFCR	WAUBEK INN BROOK TB-CENTER	6/26/06	* 20	no data				
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	6/28/06	* 6	no data				
BCHWIBJEFCR	WAUBEK INN BROOK TB-CENTER	6/28/06	* 2	no data				
BCHWIBJEFRT	WAUBEK INN BROOK TB-RIGHT	6/28/06	* 6	no data				
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	7/18/06	* 120	no data				
BCHWIBJEFRT	WAUBEK INN BROOK TB-RIGHT	7/18/06	* 110	no data				
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	7/21/06	* 10	no data				
BCHWIBJEFRT	WAUBEK INN BROOK TB-RIGHT	7/21/06	* 8	no data				
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	8/2/06	* 28	no data				
BCHWIBJEFCR	WAUBEK INN BROOK TB-CENTER	8/2/06	* 22	no data				
BCHWIBJEFRT	WAUBEK INN BROOK TB-RIGHT	8/2/06	* 39	no data				
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	7/5/07	* 6	no data				

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I 12: WAUMBEEK INN BROOK – TOWN BEACH (CONTINUED)

AUID: NHRIV801010806-03-02

Characteristics: freshwater, class B designation, designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 47 CTS/100mL

Single sample: 88 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: *in compliance*

Single sample: 70%

Data: 2003-2007 (inclusive) from NH DES, 2008 TMDL cycle

Single sample *E. coli* results (CTS/100ML)

Station ID	Station Name	Date	Result	Wet/dry
BCHWIBJFCR	WAUBEK INN BROOK TB-CENTER	7/5/07	* 2	no data
BCHWIBJFRT	WAUBEK INN BROOK TB-RIGHT	7/5/07	* 14	no data
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	8/1/07	* 1	no data
BCHWIBJFCR	WAUBEK INN BROOK TB-CENTER	8/1/07	* 1	no data
BCHWIBJFRT	WAUBEK INN BROOK TB-RIGHT	8/1/07	* 2	no data
BCHWIBJEFLF	WAUBEK INN BROOK TB-LEFT	8/21/07	* 1	no data
BCHWIBJFCR	WAUBEK INN BROOK TB-CENTER	8/21/07	* 2	no data
BCHWIBJFRT	WAUBEK INN BROOK TB-RIGHT	8/21/07	* 4	no data

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

**I 13: ISRAEL
RIVER**

AUID: NHRIV801010806-06

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: *in compliance*

Single sample: 44%

Data: 2006-2007 (inclusive) from NH DES, 2008 TMDL cycle

Single sample <i>E. coli</i> results (CTS/100ML)							Geometric mean <i>E. coli</i> results (CTS/100ML)	
Station ID	Station Name	Date		Result	Wet/dry		Date	Result
10-ISR	ROUTE 2 BRIDGE - JEFFERSON	7/12/06	*	127	no data		9/6/06	81.8
14-ISR	ROUTE 116 BRIDGE	7/12/06	*	99	no data		8/7/07	99.9
16-ISR	ROUTE 115A BRIDGE	7/12/06	*	78	no data			
10-ISR	ROUTE 2 BRIDGE - JEFFERSON	8/9/06	*	82	no data			
14-ISR	ROUTE 116 BRIDGE	8/9/06	*	70	no data			
16-ISR	ROUTE 115A BRIDGE	8/9/06	*	42	no data			
10-ISR	ROUTE 2 BRIDGE - JEFFERSON	9/6/06	*	104	no data			
14-ISR	ROUTE 116 BRIDGE	9/6/06	*	64	no data			
16-ISR	ROUTE 115A BRIDGE	9/6/06	*	104	no data			
14-ISR	ROUTE 116 BRIDGE	6/12/07	*	24	no data			
16-ISR	ROUTE 115A BRIDGE	6/12/07	*	28	no data			
14-ISR	ROUTE 116 BRIDGE	7/17/07	*	39.4	no data			
16-ISR	ROUTE 115A BRIDGE	7/17/07	*	79	no data			
14-ISR	ROUTE 116 BRIDGE	8/7/07	*	721.5	no data			
16-ISR	ROUTE 115A BRIDGE	8/7/07	*	658	no data			

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I 14: ISRAEL RIVER

AUID: NHRIV801010806-09

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 54%

Single sample: 80%

Data: 2006-2007 (inclusive) from NH DES, 2008 TMDL cycle

Single sample <i>E. coli</i> results (CTS/100ML)						Geometric mean <i>E. coli</i> results (CTS/100ML)	
Station ID	Station Name	Date		Result	Wet/dry	Date	Result
02-ISR	RTE 2/RT 3 BRIDGE	7/12/06	*	98	no data	9/6/06	273
02-ISR	RTE 2/RT 3 BRIDGE	8/9/06	*	245	no data	8/7/07	201
02-ISR	RTE 2/RT 3 BRIDGE	8/21/06	*	2000	no data		
02-ISR	RTE 2/RT 3 BRIDGE	9/6/06	*	116	no data		
02-ISR	RTE 2/RT 3 BRIDGE	6/12/07	*	76	no data		
02-ISR	RTE 2/RT 3 BRIDGE	7/17/07	*	105.6	no data		
02-ISR	RTE 2/RT 3 BRIDGE	8/7/07	*	1011	no data		

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I 15: CONNECTICUT RIVER

AUID: NHRIV801010902-02

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 5%

Single sample: *in compliance*

Data: 2000 (inclusive) from NH DES, 2006 TMDL cycle

Single sample *E. coli* results (CTS/100ML)

Station ID	Station Name	Date	Result	Wet/dry
61-CNT	GUILDHALL BRIDGE	7/10/00	* 150	no data
61-CNT	GUILDHALL BRIDGE	8/2/00	* 390	no data
61-CNT	GUILDHALL BRIDGE	8/21/00	* 40	no data

**Geometric mean
E. coli results
(CTS/100ML)**

Date	Result
8/21/00	133

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)

I 16: CONNECTICUT RIVER

AUID: NHRIV801010903-02

Characteristics: freshwater, class B designation, not designated beach, primary contact recreation.

Impairment: *E. coli*

Water Quality Criteria & TMDL for *E. coli*:

Geometric mean: 126 CTS/100mL

Single sample: 406 CTS/100mL

Percent reduction to meet TMDL:

Geometric mean: 2%

Single sample: *in compliance*

Data: 2001 (inclusive) from NH DES, 2006 TMDL cycle

Single sample *E. coli* results (CTS/100ML)

Station ID	Station Name	Date	Result	Wet/dry
56-CNT	MT. ORNE COVERED BRIDGE	6/18/01	* 70	no data
56-CNT	MT. ORNE COVERED BRIDGE	7/2/01	* 300	no data
56-CNT	MT. ORNE COVERED BRIDGE	7/19/01	* 100	no data

Geometric mean *E. coli* results (CTS/100ML)

Date	Result
7/19/01	128

Shaded cells indicate exceedance of water quality criteria

* During "critical period" defined as May 24 to Sept 15 (2008 NH CALM)