

Welcome to New Hampshire's Watershed Report Cards built from the DRAFT 2016, 305(b)/303(d)

Each Watershed Report Card covers a single 12 digit Hydrologic Unit Code (HUC12), on average a 34 square mile area. Each Watershed Report Card has three components;

1. REPORT CARD - A one page card that summarizes the overall use support for Aquatic Life, Primary Contact (i.e. Swimming), and Secondary Contact (i.e. Boating) Designated Uses on every Assessment Unit ID (AUID) within the HUC12.
2. HUC 12 MAP - A map of the watershed with abbreviated labels for each AUID within the HUC12.
3. ASSESSMENT DETAILS - Anywhere from one to forty pages with the detailed assessment information for each and every AUID in the Report Card and Map.

How are the Surface Water Quality Assessment determinations made?

All readily available data with reliable Quality Assurance/Quality Control is used in the biennial surface water quality assessments. For a full understanding of how the Surface Water Quality Standards (Env-Wq 1700) are translated into surface water quality assessments we urge the reader to review the 2016 Consolidated Assessment and Listing Methodology (CALM) at

<http://des.nh.gov/organization/divisions/water/wmb/swqa/documents/calm.pdf>

Where can I find more advanced mapping resources?

GIS files are available by assessment cycle at <ftp://pubftp.nh.gov/DES/wmb/WaterQuality/SWQA/>

I'd like to see the more raw water quality data?

The web mapping tool allows you to download the data used in the assessment of the primary contact and aquatic life designated uses by clicking on the “**Data Access Waterbody Data (Aquatic Life and Swimming Uses)**” link for any assessment unit. (http://www2.des.state.nh.us/WaterShed_SWQA/SWQA_Map.aspx)

How are assessments coded in the report card?

Assessment outcomes are displayed on a color scale as well as an alpha numeric scale that provides additional distinctions for the designated use and parameter level assessments as outlined in the table below.

	Severe	Poor	Likely Bad	No Data	Likely Good	Marginal	Good
	Not Supporting, Severe	Not Supporting, Marginal	Insufficient Information – Potentially Not Supporting	No Data	Insufficient Information – Potentially Full Supporting	Full Support, Marginal	Full Support, Good
CATEGORY	Description						
*Category 2	Meets standards					2-M or 2-OBS	2-G
Category 3	Insufficient Information		3-PNS	3-ND	3-PAS		
Category 4	Does not Meet Standards;						
4A	TMDL^ Completed	4A-P	4A-M or 4A-T				
4B	Other enforceable measure will correct the issue.	4B-P	4B-M or 4B-T				
4C	Non-pollutant (i.e. exotic weeds)	4C-P	4C-M				
Category 5	TMDL^ Needed	5-P	5-M or 5-T				

* “Category 1” only exists at the Assessment Unit Level.

^ TMDL stands for Total Maximum Daily Load studies (<http://des.nh.gov/organization/divisions/water/wmb/tmdl/index.htm>)

WATERSHED 305(b) ASSESSMENT SUMMARY REPORT:

HUC 12 010700060802

HUC 12 NAME NORTH MANCHESTER TRIBUTARIES

(Locator map on next page only applies to this HUC12)

Assessment Cycle 2016 *DRAFT*

Good	Full Support Good
Marginal	Full Support Marginal
Likely Good	Insufficient Information – Potentially Full Support
No Data	No Data
Likely Bad	Insufficient Information – Potentially Not Support
Poor	Not Support Marginal
Severe	Not Support Severe



ASSESSMENT UNIT ID	MAP LABEL	ASSESSMENT UNIT NAME	AQUATIC LIFE	SWIMMING	BOATING	FISH CONSUMP.
NHIMP700060802-01		BRICKYARD BROOK - OLD BRICKYARD DAM	3-ND	3-ND	3-ND	4A-N
NHIMP700060802-02		MERRIMACK RIVER - HOOKSETT HYDRO POND	3-PNS	3-ND	3-ND	4A-N
NHIMP700060802-04		MERRIMACK RIVER - AMOSKEAG DAM	3-PNS	4A-N	4A-N	4A-N
NHIMP700060802-05		UNNAMED BROOK - LEDOUX DAM	3-ND	3-ND	3-ND	4A-N
NHIMP700060802-06		PUBLIC PARK DAM	3-ND	3-ND	3-ND	4A-N
NHIMP700060802-07		COUNTRYSIDE VILLAGE DET POND DAM	3-ND	3-ND	3-ND	4A-N
NHIMP700060802-08		BRICKYARD BROOK	3-ND	3-ND	3-ND	4A-N
NHLAK700060802-01		DORRS POND	5-N	4A-N	3-ND	4A-N
NHLAK700060802-02		LAKINS POND	4A-N	3-ND	3-ND	4A-N
NHLAK700060802-03		PINNACLE POND	4A-N	3-ND	3-ND	4A-N
NHLAK700060802-04		GOLDFISH POND	3-ND	3-ND	3-ND	4A-N
NHLAK700060802-05		UNNAMED POND	3-ND	3-ND	3-ND	4A-N
NHLAK700060802-06		UNNAMED POND	3-ND	3-ND	3-ND	4A-N
NHLAK700060802-07		UNNAMED POND	3-ND	3-ND	3-ND	4A-N
NHLAK700060802-08		UNNAMED POND	3-ND	3-ND	3-ND	4A-N
NHRIV700060802-01		UNNAMED BROOK - TO HEADS POND	3-ND	3-ND	3-ND	4A-N
NHRIV700060802-02		BROWN BROOK	5-P	3-ND	3-ND	4A-N
NHRIV700060802-03		BRICKYARD BROOK - UNNAMED BROOK	3-ND	3-ND	3-ND	4A-N
NHRIV700060802-04		BRICKYARD BROOK	3-ND	3-ND	3-ND	4A-N
NHRIV700060802-05		UNNAMED BROOK - TO MERRIMACK RIVER	3-ND	3-ND	3-ND	4A-N
NHRIV700060802-06		UNNAMED BROOK - TO MERRIMACK RIVER	3-ND	3-ND	3-ND	4A-N
NHRIV700060802-07		PETERS BROOK	5-P	3-ND	3-ND	4A-N
NHRIV700060802-08		DALTON BROOK	5-N	3-ND	3-ND	4A-N
NHRIV700060802-09		MESSER BROOK	5-N	4A-P	3-ND	4A-N
NHRIV700060802-10		MILESTONE BROOK - UNNAMED BROOK	3-ND	3-ND	3-ND	4A-N
NHRIV700060802-11		UNNAMED BROOK - TO MERRIMACK RIVER	3-ND	3-ND	3-ND	4A-N
NHRIV700060802-12		UNNAMED BROOK - TO GOLDFISH POND	3-ND	3-ND	3-ND	4A-N
NHRIV700060802-13		DORRS POND INLET BROOK	5-N	3-ND	3-ND	4A-N

WATERSHED 305(b) ASSESSMENT SUMMARY REPORT:

HUC 12 010700060802

HUC 12 NAME NORTH MANCHESTER TRIBUTARIES

(Locator map on next page only applies to this HUC12)

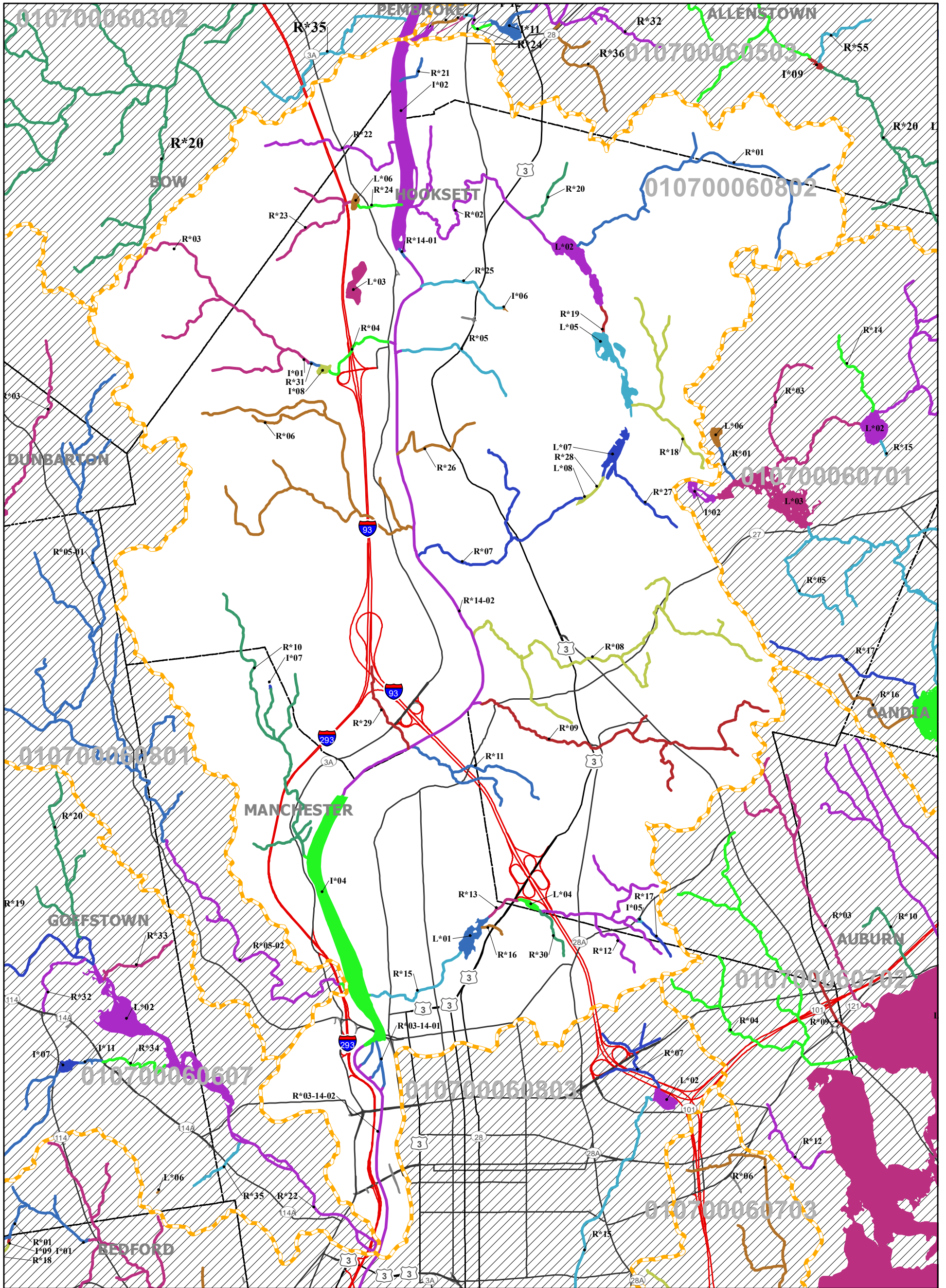
Assessment Cycle 2016 *DRAFT*

Good	Full Support Good
Marginal	Full Support Marginal
Likely Good	Insufficient Information – Potentially Full Support
No Data	No Data
Likely Bad	Insufficient Information – Potentially Not Support
Poor	Not Support Marginal
Severe	Not Support Severe



ASSESSMENT UNIT ID	MAP LABEL	ASSESSMENT UNIT NAME	AQUATIC LIFE	SWIMMING	BOATING	FISH CONSUMP.
NHRIV700060802-14-01		MERRIMACK RIVER - HOOKSETT DAM BYPASS	3-PNS	3-ND	3-ND	4A-M
NHRIV700060802-14-02		MERRIMACK RIVER	5-P	4A-M	4A-M	4A-M
NHRIV700060802-15		RAYS BROOK	5-M	4A-M	3-ND	4A-M
NHRIV700060802-16		DORRS POND-E INLET	5-M	3-ND	3-ND	4A-M
NHRIV700060802-17		UNNAMED BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-18		UNNAMED BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-19		UNNAMED BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-20		UNNAMED BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-21		UNNAMED BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-22		UNNAMED BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-23		UNNAMED BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-24		UNNAMED BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-25		UNNAMED BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-26		UNNAMED BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-27		UNNAMED BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-28		PETERS BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-29		UNNAMED BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-30		UNNAMED BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060802-31		BRICKYARD BROOK	3-ND	3-ND	3-ND	4A-M
NHRIV700060803-14-01		MERRIMACK RIVER - AMOSKEG DAM BYPASS	3-PNS	3-ND	3-ND	4A-M
NHRIV700060803-14-02		MERRIMACK RIVER	5-M	4A-P	2-M	4A-M

AUIDs For HUC12: 010700060802 - North Manchester Tributaries

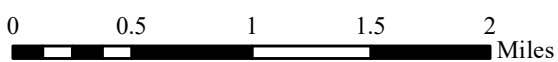


	HUC12 Boundaries	Assessment Unit Coloring	4 =
	Town Boundaries		
	Major Roads	AUs Ending with:	6 =
	Interstate Highway		7 =
	US Highway		8 =
	State Highway		9 =
			0 =



Abbrev. Label	HUC 12
L*03	010700060201
AUID = NH LAK700060201-03	

Assessment Unit IDs are derived from the HUC12 they reside within. The labels have been shortened on this map for presentation purposes. Example: the Label "L*03" in HUC12 = 010700060201 represents AUID = "NHLAK700060201-03" In rare cases where an AUID extends beyond the boundary of a single HUC12, additional portions of the end of the HUC 12 number have also been replaced.



Scale: 1:50,920

Assessment Unit ID NHIMP700060802-01

Size 0.5000 ACRES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name BRICKYARD BROOK - OLD BRICKYARD DAM

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Chlorophyll-a	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHIMP700060802-02

Size 250.0000 ACRES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name MERRIMACK RIVER - HOOKSETT HYDRO POND

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 3-PNS

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-PNS		ALUMINUM	N	2005	2005	3-ND		
			AMMONIA (UN-IONIZED)	N	2003	N/A	3-ND		
			CHLORIDE	N	2012	N/A	3-PAS		
			COPPER	N	2005	2005	3-ND		
			Chlorophyll-a	N			3-ND		
			DISSOLVED OXYGEN SATURATION		2012	2010	3-PAS		
			LEAD	N	2005	N/A	3-ND		
			NICKEL	N	2005	N/A	3-ND		
			Nonnative Fish, Shellfish, or Zooplankton	N			3-PNS		
			OXYGEN, DISSOLVED		2012	N/A	3-PAS		
			PH		2012	2012	3-PNS		
			TURBIDITY	N	2012	2012	3-PAS		
			ZINC	N	2005	N/A	3-ND		
Drinking Water After Adequate Treatment	2-G		COPPER	N	2005	N/A	3-ND		
			ESCHERICHIA COLI	N	2010	2010	3-ND		
			NICKEL	N	2005	N/A	3-ND		
			ZINC	N	2005	N/A	3-ND		
Fish Consumption	4A-M		COPPER	N	2005	N/A	3-ND		
			Mercury	N			4A-M		Atmospheric Deposition - Toxics
			NICKEL	N	2005	N/A	3-ND		
			ZINC	N	2005	N/A	3-ND		
Primary Contact Recreation	3-ND		CHLOROPHYLL-A	N	2009	N/A	3-ND		
			ESCHERICHIA COLI		2010	N/A	3-ND		
Secondary Contact Recreation	3-ND		ESCHERICHIA COLI		2010	N/A	3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHIMP700060802-04

Size 478.0000 ACRES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name MERRIMACK RIVER - AMOSKEAG DAM

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town MANCHESTER

Assessment Unit Category*~ 4A-M

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-PNS		AMMONIA (UN-IONIZED)	N	2004	N/A	3-ND		
			CHLORIDE	N	2012	N/A	3-PAS		
			Chlorophyll-a	N			3-ND		
			DISSOLVED OXYGEN SATURATION		2012	N/A	3-PAS		
			Nonnative Fish, Shellfish, or Zooplankton	N			3-PNS		
			OXYGEN, DISSOLVED	N	2015	N/A	3-PAS		
			PH		2012	2010	3-PAS		
Drinking Water After Adequate Treatment	2-G		ESCHERICHIA COLI	N	2016	2016	3-PNS		
			FECAL COLIFORM	N	2003	2003	3-ND		
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	4A-M		CHLOROPHYLL-A	N	2012	N/A	3-PAS		
			Escherichia coli	N	2016	2014	4A-M		Combined Sewer Overflows
Secondary Contact Recreation	4A-M		Escherichia coli	N	2016	2006	4A-M	Source Unknown	
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHIMP700060802-05
 Assessment Unit Name UNNAMED BROOK - LEDOUX DAM
 Primary Town HOOKSETT

Size 1.2240 ACRES

Beach N

Assessment Unit Category*~ 3-ND

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Chlorophyll-a	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHIMP700060802-06
 Assessment Unit Name PUBLIC PARK DAM
 Primary Town HOOKSETT

Size 0.5000 ACRES

Beach N

Assessment Unit Category*~ 3-ND

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Chlorophyll-a	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHIMP700060802-07
 Assessment Unit Name COUNTRYSIDE VILLAGE DET POND DAM
 Primary Town MANCHESTER

Size 1.0000 ACRES

Beach N

Assessment Unit Category*~ 3-ND

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Chlorophyll-a	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHIMP700060802-08
 Assessment Unit Name BRICKYARD BROOK
 Primary Town HOOKSETT

Size 5.4000 ACRES

Beach N

Assessment Unit Category*~ 3-ND

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Chlorophyll-a	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHLAK700060802-01
 Assessment Unit Name DORRS POND
 Primary Town MANCHESTER

Size 23.2410 ACRES

Beach N

Assessment Unit Category*~ 5-M

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)			
Aquatic Life	5-M		ALKALINITY, CARBONATE AS CaCO3	N	2007	2006	3-PNS					
			Chloride	N	2016	2016	5-M	LOW	Municipal (Urbanized High Density Area) Highway/Road/Bridge Runoff (Non-construction Related) Commerical Districts (Shopping/Office Complexes)			
			Chlorophyll-a	N	2016	NLV	4A-M		Source Unknown			
			Dissolved oxygen saturation	N	2016	2016	4A-M		Source Unknown			
			Oxygen, Dissolved	N	2016	2007	4A-M		Municipal (Urbanized High Density Area) Commerical Districts (Shopping/Office Complexes) Municipal (Urbanized High Density Area) Source Unknown			
			PH	N	2016	2008	2-M					
			Phosphorus (Total)	N	2016	NLV	4A-P		Source Unknown			
			TURBIDITY	N	2016	N/A	3-PAS					
			Drinking Water After Adequate Treatment	2-G		SULFATES	N	1998	N/A	3-ND		
							N	1997	N/A	3-ND		
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics				
Primary Contact Recreation	4A-M		Chlorophyll-a	N	2016	2011	4A-M		Commerical Districts (Shopping/Office Complexes)			
			Escherichia coli	N	1997	NA	3-ND					
Secondary Contact Recreation	3-ND		Escherichia coli	N	1997	NA	3-ND					
Wildlife	3-ND											

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHLAK700060802-02

Size 44.5980 ACRES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name LAKINS POND

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 4A-M

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	4A-M		ALKALINITY, CARBONATE AS CaCO3	N	2001	2001	3-ND		
			CHLORIDE	N	2001	N/A	3-ND		
			Chlorophyll-a	N	2000	NLV	3-ND		
			DISSOLVED OXYGEN SATURATION	N	2000	N/A	3-ND		
			OXYGEN, DISSOLVED	N	2001	2001	3-ND		
			pH	N	2001	2001	4A-M		Atmospheric Deposition - Acidity
Drinking Water After Adequate Treatment	2-G		SULFATES	N	2001	N/A	3-ND		
				N	2000	N/A	3-ND		
Fish Consumption	4A-M		Mercury	N			4A-M		Atmospheric Deposition - Toxics
Primary Contact Recreation	3-ND		CHLOROPHYLL-A	N	2000	N/A	3-ND		
			Escherichia coli	N	2000	NA	3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N	2000	NA	3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHLAK700060802-03

Size 21.5000 ACRES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name PINNACLE POND

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 4A-M

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	4A-M		ALKALINITY, CARBONATE AS CaCO3	N	2001	2001	3-ND		
			CHLORIDE	N	2001	N/A	3-ND		
			Chlorophyll-a	N	2000	NLV	3-ND		
			DISSOLVED OXYGEN SATURATION	N	2000	2000	3-ND		
			OXYGEN, DISSOLVED	N	2001	2000	3-ND		
			pH	N	2001	2001	4A-M		Atmospheric Deposition - Acidity
Drinking Water After Adequate Treatment	2-G		SULFATES	N	2001	N/A	3-ND		
				N	2000	N/A	3-ND		
Fish Consumption	4A-M		Mercury	N			4A-M		Atmospheric Deposition - Toxics
Primary Contact Recreation	3-ND		CHLOROPHYLL-A	N	2000	N/A	3-ND		
			Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHLAK700060802-04

Size 5.6360 ACRES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name GOLDFISH POND

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		ALKALINITY, CARBONATE AS CaCO3	N	2001	N/A	3-ND		
			CHLORIDE	N	2001	N/A	3-ND		
			Chlorophyll-a	N			3-ND		
			DISSOLVED OXYGEN SATURATION	N	2001	2001	3-ND		
			OXYGEN, DISSOLVED	N	2001	2001	3-ND		
			PH	N	2001	N/A	3-ND		
Drinking Water After Adequate Treatment	2-G		SULFATES	N	2001	N/A	3-ND		
				N	2001	N/A	3-ND		
Fish Consumption	4A-M		Mercury	N			4A-M		Atmospheric Deposition - Toxics
Primary Contact Recreation	3-ND		Escherichia coli	N	2001	NA	3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N	2001	NA	3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHLAK700060802-05

Size 40.3410 ACRES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name UNNAMED POND

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Chlorophyll-a	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHLAK700060802-06

Size 5.2250 ACRES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name UNNAMED POND

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Chlorophyll-a	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHLAK700060802-07

Size 23.3800 ACRES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name UNNAMED POND

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Chlorophyll-a	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHLAK700060802-08

Size 3.4980 ACRES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name UNNAMED POND

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Chlorophyll-a	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-01
 Assessment Unit Name UNNAMED BROOK - TO HEADS POND
 Primary Town HOOKSETT

Size 3.9230 MILES
 Beach N
 Assessment Unit Category*~ 3-ND

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-02
 Assessment Unit Name BROWN BROOK
 Primary Town HOOKSETT

Size 3.2270 MILES
 Beach N
 Assessment Unit Category*~ 5-P

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	5-P		ALUMINUM	N	2006	N/A	3-ND		
			Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			CHLORIDE	N	2008	N/A	3-ND		
			DISSOLVED OXYGEN SATURATION	N	2008	N/A	3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			OXYGEN, DISSOLVED	N	2008	N/A	3-ND		
			PHOSPHORUS (TOTAL)		2008	NLV	3-ND		
			TURBIDITY	N	2008	N/A	3-ND		
			pH	N	2008	2008	5-P	LOW	Source Unknown
Drinking Water After Adequate Treatment	2-G		ESCHERICHIA COLI	N	2008	2008	3-ND		
Fish Consumption	4A-M		Mercury	N			4A-M		Atmospheric Deposition - Toxics
Primary Contact Recreation	3-ND		ESCHERICHIA COLI	N	2008	N/A	3-ND		
Secondary Contact Recreation	3-ND		ESCHERICHIA COLI	N	2008	N/A	3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-03
 Assessment Unit Name BRICKYARD BROOK - UNNAMED BROOK
 Primary Town BOW

Size 3.9910 MILES
 Beach N
 Assessment Unit Category*~ 3-ND

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-04
 Assessment Unit Name BRICKYARD BROOK
 Primary Town HOOKSETT

Size 0.7340 MILES

Beach N

Assessment Unit Category*~ 3-ND

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-05

Size 1.1760 MILES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name UNNAMED BROOK - TO MERRIMACK RIVER

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-06

Size 6.2230 MILES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name UNNAMED BROOK - TO MERRIMACK RIVER

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-07
 Assessment Unit Name PETERS BROOK
 Primary Town HOOKSETT

Size 2.8250 MILES
 Beach N
 Assessment Unit Category*~ 5-P

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	5-P		Aluminum	N	2006	2006	5-M	LOW	Source Unknown
			Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			CHLORIDE	N	2016	N/A	3-PAS		
			COPPER	N	2000	N/A	3-ND		
			DISSOLVED OXYGEN SATURATION	N	2016	2016	3-PAS		
			Fishes Bioassessments (Streams)	N			3-ND		
			LEAD	N	2000	2000	3-ND		
			OXYGEN, DISSOLVED	N	2016	2016	3-PAS		
			PHOSPHORUS (TOTAL)		2008	NLV	3-ND		
			TURBIDITY	N	2008	2000	3-ND		
			ZINC	N	2000	N/A	3-ND		
			pH	N	2016	2016	5-M	LOW	Source Unknown
Drinking Water After Adequate Treatment	2-G		COPPER	N	2000	N/A	3-ND		
			ESCHERICHIA COLI	N	2008	2008	3-ND		
			ZINC	N	2000	N/A	3-ND		
Fish Consumption	4A-M		COPPER	N	2000	N/A	3-ND		
			Mercury	N			4A-M		Atmospheric Deposition - Toxics
			ZINC	N	2000	N/A	3-ND		
Primary Contact Recreation	3-ND		ESCHERICHIA COLI	N	2008	2008	3-ND		
Secondary Contact Recreation	3-ND		ESCHERICHIA COLI	N	2008	N/A	3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-08
 Assessment Unit Name DALTON BROOK
 Primary Town HOOKSETT

Size 5.7830 MILES
 Beach N

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Assessment Unit Category*~ 5-M

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	5-M		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			CHLORIDE	N	2008	N/A	3-ND		
			DISSOLVED OXYGEN SATURATION	N	2008	N/A	3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			OXYGEN, DISSOLVED	N	2008	N/A	3-ND		
			PHOSPHORUS (TOTAL)		2008	NLV	3-ND		
			TURBIDITY	N	2008	N/A	3-ND		
			pH	N	2008	2008	5-M	LOW	Source Unknown
Drinking Water After Adequate Treatment	2-G		ESCHERICHIA COLI	N	2008	2008	3-ND		
Fish Consumption	4A-M		Mercury	N			4A-M		Atmospheric Deposition - Toxics
Primary Contact Recreation	3-ND		ESCHERICHIA COLI	N	2008	2008	3-ND		
Secondary Contact Recreation	3-ND		ESCHERICHIA COLI	N	2008	N/A	3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-09

Size 4.2440 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name MESSER BROOK

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 5-M

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	5-M		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			CHLORIDE	N	2008	N/A	3-ND		
			DISSOLVED OXYGEN SATURATION	N	2008	N/A	3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			OXYGEN, DISSOLVED	N	2008	N/A	3-ND		
			PHOSPHORUS (TOTAL)		2008	NLV	3-ND		
			TURBIDITY	N	2008	2007	3-ND		
			pH	N	2008	2008	5-M	LOW	Source Unknown
Drinking Water After Adequate Treatment	2-G		ESCHERICHIA COLI	N	2008	2008	3-ND		
Fish Consumption	4A-M		Mercury	N			4A-M		Atmospheric Deposition - Toxics
Primary Contact Recreation	4A-P		Escherichia coli	N	2008	2008	4A-P		Source Unknown
Secondary Contact Recreation	3-ND		ESCHERICHIA COLI	N	2008	N/A	3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-10
 Assessment Unit Name MILESTONE BROOK - UNNAMED BROOK
 Primary Town MANCHESTER

Size 4.7830 MILES

Beach N

Assessment Unit Category*~ 3-ND

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-11

Size 2.1230 MILES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name UNNAMED BROOK - TO MERRIMACK RIVER

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-12

Size 3.2780 MILES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name UNNAMED BROOK - TO GOLDFISH POND

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-13
 Assessment Unit Name DORRS POND INLET BROOK
 Primary Town MANCHESTER

Size 0.3050 MILES
 Beach N

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Assessment Unit Category*~ 5-M

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	5-M		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Chloride	N	2016	2016	5-M	LOW	Commerical Districts (Shopping/Office Complexes) Municipal (Urbanized High Density Area) Highway/Road/Bridge Runoff (Non-construction Related)
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			PH	N	2016	N/A	2-G		
			PHOSPHORUS (TOTAL)	N	2016	NLV	3-PAS		
			TURBIDITY	N	2016	2016	3-PNS		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-14-01
 Assessment Unit Name MERRIMACK RIVER - HOOKSETT DAM BYPASS
 Primary Town HOOKSETT

Size 0.1010 MILES
 Beach N

Assessment Unit Category*~ 3-PNS

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-PNS		Dissolved oxygen saturation	N			3-ND		
			Nonnative Fish, Shellfish, or Zooplankton	N			3-PNS		
			Other flow regime alterations	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-14-02

Size 5.7440 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name MERRIMACK RIVER

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 5-P

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	5-P		1,1,2,2-TETRACHLOROETHANE	N	2007	N/A	3-ND		
			1,2-DICHLOROETHANE	N	2007	N/A	3-ND		
			2,4,6-TRICHLOROPHENOL	N	2007	N/A	3-ND		
			2,4-DICHLOROPHENOL	N	2007	N/A	3-ND		
			2,4-DIMETHYLPHENOL	N	2007	N/A	3-ND		
			2-CHLOROPHENOL	N	2007	N/A	3-ND		
			4-CHLORO-3-METHYLPHENOL (3-METHYL-4-CHLOROPHENOL)	N	2007	N/A	3-ND		
			ACENAPHTHENE	N	2007	N/A	3-ND		
			ACROLEIN	N	2007	N/A	3-ND		
			ACRYLONITRILE	N	2007	N/A	3-ND		
			ALKALINITY, CARBONATE AS CaCO3	N	2012	2012	3-PNS		
			AMMONIA (UN-IONIZED)	N	2007	N/A	3-ND		
			ANTIMONY	N	2007	N/A	3-ND		
			ARSENIC	N	2007	N/A	3-ND		
			Aluminum	N	2012	2011	5-M	LOW	Source Unknown
			BENZENE	N	2007	N/A	3-ND		
			BENZIDINE	N	2007	N/A	3-ND		
			BERYLLIUM	N	2007	N/A	3-ND		
			BOD, Biochemical oxygen demand	N			3-ND		
			CADMIUM	N	1995	1990	3-ND		
			CARBON TETRACHLORIDE	N	2007	N/A	3-ND		
			CHLORIDE	N	2012	N/A	3-PAS		
			CHLOROFORM	N	2007	N/A	3-ND		
			COPPER	N	2007	2005	3-ND		
			Dissolved oxygen saturation	N	2012	2002	5-P	LOW	Source Unknown
			ETHYLBENZENE	N	2007	N/A	3-ND		
			HEXACHLOROBUTADIENE	N	2007	N/A	3-ND		
HEXACHLOROCYCLOPENTADIENE	N	2007	N/A	3-ND					

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-14-02
 Assessment Unit Name MERRIMACK RIVER
 Primary Town HOOKSETT

Size 5.7440 MILES

Beach N

Assessment Unit Category*~ 5-P

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	5-P		HEXACHLOROETHANE	N	2007	N/A	3-ND		
			IRON	N	1995	N/A	3-ND		
			ISOPHORONE	N	2007	N/A	3-ND		
			LEAD	N	2007	2005	3-ND		
			MERCURY	N	2007	N/A	3-ND		
			NAPHTHALENE	N	2007	N/A	3-ND		
			NICKEL	N	2007	N/A	3-ND		
			NITROBENZENE	N	2007	N/A	3-ND		
			Nonnative Fish, Shellfish, or Zooplankton	N			3-PNS		
			OXYGEN, DISSOLVED	N	2012	2002	3-PAS		
			PENTACHLOROPHENOL (PCP)	N	2007	N/A	3-ND		
			PHENOL	N	2007	N/A	3-ND		
			PHOSPHORUS (TOTAL)	N	2012	NLV	3-PAS		
			SELENIUM	N	1995	N/A	3-ND		
			TETRACHLOROETHYLENE	N	2007	N/A	3-ND		
			THALLIUM	N	2007	N/A	3-ND		
			TOLUENE	N	2007	N/A	3-ND		
			TRICHLOROETHYLENE	N	2007	N/A	3-ND		
			TURBIDITY	N	2012	2012	3-PNS		
			ZINC	N	2007	2005	3-ND		
pH	N	2012	2012	5-M	LOW	Source Unknown			
Drinking Water After Adequate Treatment	2-G		1,1,1-TRICHLOROETHANE	N	2007	N/A	3-ND		
			1,1,2,2-TETRACHLOROETHANE	N	2007	N/A	3-ND		
			1,1-DICHLOROETHANE	N	2007	N/A	3-ND		
			1,2,4-TRICHLOROBENZENE	N	2007	N/A	3-ND		
			1,2-DICHLOROETHANE	N	2007	N/A	3-ND		
			1,2-DICHLOROPROPANE	N	2007	N/A	3-ND		

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-14-02

Size 5.7440 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name MERRIMACK RIVER

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 5-P

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Drinking Water After Adequate Treatment	2-G		2,2'-DICHLORODIETHYL ETHER	N	2007	N/A	3-ND		
			2,2'-DICHLORODIISOPROPYL ETHER	N	2007	N/A	3-ND		
			2,4,5-TRICHLOROPHENOL	N	2007	N/A	3-ND		
			2,4,6-TRICHLOROPHENOL	N	2007	N/A	3-ND		
			2,4-DICHLOROPHENOL	N	2007	N/A	3-ND		
			2,4-DIMETHYLPHENOL	N	2007	N/A	3-ND		
			2,4-DINITROPHENOL	N	2007	N/A	3-ND		
			2,4-DINITROTOLUENE	N	2007	N/A	3-ND		
			2-CHLORONAPHTHALENE	N	2007	N/A	3-ND		
			2-CHLOROPHENOL	N	2007	N/A	3-ND		
			2-METHYLNAPHTHALENE	N	2007	N/A	3-ND		
			3,3'-DICHLOROBENZIDINE	N	2007	N/A	3-ND		
			4-CHLORO-3-METHYLPHENOL (3-METHYL-4-CHLOROPHENOL)	N	2007	N/A	3-ND		
			ACENAPHTHENE	N	2007	N/A	3-ND		
			ACENAPHTHYLENE	N	2007	N/A	3-ND		
			ACROLEIN	N	2007	N/A	3-ND		
			ACRYLONITRILE	N	2007	N/A	3-ND		
			ANTHRACENE	N	2007	N/A	3-ND		
			ANTIMONY	N	2007	N/A	3-ND		
			ARSENIC	N	2007	2007	3-ND		
			BENZENE	N	2007	N/A	3-ND		
			BENZIDINE	N	2007	N/A	3-ND		
			BENZO(A)PYRENE (PAHS)	N	2007	N/A	3-ND		
			BENZOIC ACID	N	2007	N/A	3-ND		
BENZO[A]ANTHRACENE	N	2007	N/A	3-ND					
BENZO[B]FLUORANTHENE	N	2007	N/A	3-ND					
BENZO[G,H,I]PERYLENE	N	2007	N/A	3-ND					

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-14-02

Size 5.7440 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name MERRIMACK RIVER

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 5-P

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Drinking Water After Adequate Treatment	2-G		BENZO[K]FLUORANTHENE	N	2007	N/A	3-ND		
			BERYLLIUM	N	2007	N/A	3-ND		
			BROMOFORM	N	2007	N/A	3-ND		
			BUTYL BENZYL PHTHALATE	N	2007	N/A	3-ND		
			CARBON TETRACHLORIDE	N	2007	N/A	3-ND		
			CHLOROBENZENE (MONO)	N	2007	N/A	3-ND		
			CHLORODIBROMOMETHANE	N	2007	N/A	3-ND		
			CHLOROFORM	N	2007	N/A	3-ND		
			CHRYSENE (C1-C4)	N	2007	N/A	3-ND		
			CIS-1,2-DICHLOROETHYLENE	N	2007	N/A	3-ND		
			COPPER	N	2007	N/A	3-ND		
			DEHP (DI-SEC-OCTYL PHTHALATE)	N	2007	N/A	3-ND		
			DIBENZ[A,H]ANTHRACENE	N	2007	N/A	3-ND		
			DIBUTYL PHTHALATE	N	2007	N/A	3-ND		
			DICHLOROBROMOMETHANE	N	2007	N/A	3-ND		
			DICHLOROMETHANE	N	2007	N/A	3-ND		
			DIETHYL PHTHALATE	N	2007	N/A	3-ND		
			DIMETHYL PHTHALATE	N	2007	N/A	3-ND		
			DINITRO-O-CRESOL	N	2007	N/A	3-ND		
			ESCHERICHIA COLI	N	2012	2012	3-PNS		
			ETHYLBENZENE	N	2007	N/A	3-ND		
			FECAL COLIFORM	N	2004	2004	3-ND		
			FLUORANTHENE	N	2007	N/A	3-ND		
			FLUORENE	N	2007	N/A	3-ND		
			HEXACHLOROBENZENE	N	2007	N/A	3-ND		
			HEXACHLOROBUTADIENE	N	2007	N/A	3-ND		
HEXACHLOROCYCLOPENTADIENE	N	2007	N/A	3-ND					

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-14-02

Size 5.7440 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name MERRIMACK RIVER

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 5-P

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Drinking Water After Adequate Treatment	2-G		HEXACHLOROETHANE	N	2007	N/A	3-ND		
			INDENO[1,2,3-CD]PYRENE	N	2007	N/A	3-ND		
			IRON	N	1995	1995	3-ND		
			ISOPHORONE	N	2007	N/A	3-ND		
			M-DICHLOROBENZENE	N	2007	N/A	3-ND		
			MANGANESE	N	1994	N/A	3-ND		
			MERCURY	N	2007	N/A	3-ND		
			METHYL BROMIDE	N	2007	N/A	3-ND		
			METHYL CHLORIDE	N	2007	N/A	3-ND		
			METHYL ETHYL KETONE	N	2007	N/A	3-ND		
			METHYL ISOBUTYL KETONE	N	2007	N/A	3-ND		
			METHYL TERTIARY-BUTYL ETHER (MTBE)	N	2007	N/A	3-ND		
			N-NITROSODIMETHYLAMINE	N	2007	N/A	3-ND		
			N-NITROSODIPHENYLAMINE	N	2007	N/A	3-ND		
			N-NITROSODIPROPYLAMINE	N	2007	N/A	3-ND		
			NAPHTHALENE	N	2007	N/A	3-ND		
			NICKEL	N	2007	N/A	3-ND		
			NITROBENZENE	N	2007	N/A	3-ND		
			O-CRESOL (2-METHYLPHENOL)	N	2007	N/A	3-ND		
			O-DICHLOROBENZENE	N	2007	N/A	3-ND		
			P-DICHLOROBENZENE	N	2007	N/A	3-ND		
			PENTACHLOROPHENOL (PCP)	N	2007	N/A	3-ND		
			PHENANTHRENE	N	2007	N/A	3-ND		
PHENOL	N	2007	N/A	3-ND					
PYRENE	N	2007	N/A	3-ND					
SELENIUM	N	1995	N/A	3-ND					
STYRENE	N	2007	N/A	3-ND					

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-14-02

Size 5.7440 MILES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name MERRIMACK RIVER

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 5-P

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Drinking Water After Adequate Treatment	2-G		SULFATES	N	2012	N/A	3-PAS		
			TETRACHLOROETHYLENE	N	2007	N/A	3-ND		
			THALLIUM	N	2007	N/A	3-ND		
			TOLUENE	N	2007	N/A	3-ND		
			TRANS-1,2-DICHLOROETHYLENE	N	2007	N/A	3-ND		
			TRICHLOROETHYLENE	N	2007	N/A	3-ND		
			TRICHLOROFLUOROMETHANE (CFC-11)	N	2007	N/A	3-ND		
			VINYL CHLORIDE	N	2007	N/A	3-ND		
			VINYLDENE CHLORIDE	N	2007	N/A	3-ND		
			ZINC	N	2007	N/A	3-ND		
Fish Consumption	4A-M		1,1,2,2-TETRACHLOROETHANE	N	2007	N/A	3-ND		
			1,2,4-TRICHLOROBENZENE	N	2007	N/A	3-ND		
			1,2-DICHLOROETHANE	N	2007	N/A	3-ND		
			1,2-DICHLOROPROPANE	N	2007	N/A	3-ND		
			2,2'-DICHLORODIETHYL ETHER	N	2007	N/A	3-ND		
			2,4,5-TRICHLOROPHENOL	N	2007	N/A	3-ND		
			2,4,6-TRICHLOROPHENOL	N	2007	N/A	3-ND		
			2,4-DICHLOROPHENOL	N	2007	N/A	3-ND		
			2,4-DIMETHYLPHENOL	N	2007	N/A	3-ND		
			2,4-DINITROPHENOL	N	2007	N/A	3-ND		
			2,4-DINITROTOLUENE	N	2007	N/A	3-ND		
			2-CHLORONAPHTHALENE	N	2007	N/A	3-ND		
			2-CHLOROPHENOL	N	2007	N/A	3-ND		
			3,3'-DICHLOROBENZIDINE	N	2007	N/A	3-ND		
			4-CHLORO-3-METHYLPHENOL (3-METHYL-4-CHLOROPHENOL)	N	2007	N/A	3-ND		
			ACENAPHTHENE	N	2007	N/A	3-ND		

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-14-02

Size 5.7440 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name MERRIMACK RIVER

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 5-P

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Fish Consumption	4A-M		ACROLEIN	N	2007	N/A	3-ND		
			ACRYLONITRILE	N	2007	N/A	3-ND		
			ANTHRACENE	N	2007	N/A	3-ND		
			ANTIMONY	N	2007	N/A	3-ND		
			ARSENIC	N	2007	2007	3-ND		
			BENZENE	N	2007	N/A	3-ND		
			BENZIDINE	N	2007	N/A	3-ND		
			BENZO(A)PYRENE (PAHS)	N	2007	N/A	3-ND		
			BENZO[A]ANTHRACENE	N	2007	N/A	3-ND		
			BENZO[B]FLUORANTHENE	N	2007	N/A	3-ND		
			BENZO[K]FLUORANTHENE	N	2007	N/A	3-ND		
			BROMOFORM	N	2007	N/A	3-ND		
			BUTYL BENZYL PHTHALATE	N	2007	N/A	3-ND		
			CARBON TETRACHLORIDE	N	2007	N/A	3-ND		
			CHLOROBENZENE (MONO)	N	2007	N/A	3-ND		
			CHLORODIBROMOMETHANE	N	2007	N/A	3-ND		
			CHLOROFORM	N	2007	N/A	3-ND		
			CHRYSENE (C1-C4)	N	2007	N/A	3-ND		
			COPPER	N	2007	N/A	3-ND		
			DEHP (DI-SEC-OCTYL PHTHALATE)	N	2007	N/A	3-ND		
			DIBENZ[A,H]ANTHRACENE	N	2007	N/A	3-ND		
			DIBUTYL PHTHALATE	N	2007	N/A	3-ND		
			DICHLOROBROMOMETHANE	N	2007	N/A	3-ND		
			DICHLOROMETHANE	N	2007	N/A	3-ND		
			DIETHYL PHTHALATE	N	2007	N/A	3-ND		
			DIMETHYL PHTHALATE	N	2007	N/A	3-ND		
			DINITRO-O-CRESOL	N	2007	N/A	3-ND		
			ETHYLBENZENE	N	2007	N/A	3-ND		

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-14-02

Size 5.7440 MILES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name MERRIMACK RIVER

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 5-P

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Fish Consumption	4A-M		FLUORENE	N	2007	N/A	3-ND		
			HEXACHLOROBENZENE	N	2007	N/A	3-ND		
			HEXACHLOROBUTADIENE	N	2007	N/A	3-ND		
			HEXACHLOROCYCLOPENTADIENE	N	2007	N/A	3-ND		
			HEXACHLOROETHANE	N	2007	N/A	3-ND		
			INDENO[1,2,3-CD]PYRENE	N	2007	N/A	3-ND		
			ISOPHORONE	N	2007	N/A	3-ND		
			M-DICHLOROBENZENE	N	2007	N/A	3-ND		
			MANGANESE	N	1994	N/A	3-ND		
			METHYL BROMIDE	N	2007	N/A	3-ND		
			Mercury	N	2007	N/A	4A-M		Atmospheric Deposition - Toxics
			N-NITROSODIMETHYLAMINE	N	2007	N/A	3-ND		
			N-NITROSODIPHENYLAMINE	N	2007	N/A	3-ND		
			N-NITROSODIPROPYLAMINE	N	2007	N/A	3-ND		
			NICKEL	N	2005	N/A	3-ND		
			NITROBENZENE	N	2007	N/A	3-ND		
			O-DICHLOROBENZENE	N	2007	N/A	3-ND		
			P-DICHLOROBENZENE	N	2007	N/A	3-ND		
			PENTACHLOROPHENOL (PCP)	N	2007	N/A	3-ND		
			PHENOL	N	2007	N/A	3-ND		
			PYRENE	N	2007	N/A	3-ND		
			SELENIUM	N	1995	N/A	3-ND		
			TETRACHLOROETHYLENE	N	2007	N/A	3-ND		
			THALLIUM	N	2007	N/A	3-ND		
			TOLUENE	N	2007	N/A	3-ND		
			TRANS-1,2-DICHLOROETHYLENE	N	2007	N/A	3-ND		
			TRICHLOROETHYLENE	N	2007	N/A	3-ND		

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-14-02

Size 5.7440 MILES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name MERRIMACK RIVER

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 5-P

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Fish Consumption	4A-M		TRICHLOROFLUOROMETHANE (CFC-11)	N	2007	N/A	3-ND		
			VINYL CHLORIDE	N	2007	N/A	3-ND		
			VINYLDENE CHLORIDE	N	2007	N/A	3-ND		
			ZINC	N	2007	N/A	3-ND		
Primary Contact Recreation	4A-M		CHLOROPHYLL-A	N	2012	2010	3-PAS		
			Escherichia coli	N	2012	2006	4A-M		Illicit Connections/Hook-ups to Storm Sewers
Secondary Contact Recreation	4A-M		Escherichia coli	N	2012	N/A	4A-M		Illicit Connections/Hook-ups to Storm Sewers
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-15
 Assessment Unit Name RAYS BROOK
 Primary Town MANCHESTER

Size 1.1020 MILES
 Beach N
 Assessment Unit Category*~ 5-M

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
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Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	5-M		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Chloride	N	2016	2016	5-M	LOW	Highway/Road/Bridge Runoff (Non-construction Related) Impervious Surface/Parking Lot Runoff Municipal (Urbanized High Density Area)
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			PH	N	2016	N/A	2-G		
			PHOSPHORUS (TOTAL)	N	2016	NLV	3-PAS		
			TURBIDITY	N	2016	N/A	3-PAS		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	4A-M		Escherichia coli	N		CSO	4A-M	Source Unknown	
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-16
 Assessment Unit Name DORRS POND-E INLET
 Primary Town MANCHESTER

Size 0.2100 MILES
 Beach N
 Assessment Unit Category*~ 5-M

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	5-M		Chloride	N	2016	2016	5-M	LOW	Source Unknown
			Dissolved oxygen saturation	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			PH		2016	N/A	2-G		
			PHOSPHORUS (TOTAL)	N	2016	NLV	3-PAS		
			TURBIDITY	N	2016	2004	3-PAS		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M		Atmospheric Deposition - Toxics
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-17

Size 0.3810 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name UNNAMED BROOK

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-18

Size 2.4820 MILES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name UNNAMED BROOK

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-19

Size 0.2620 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name UNNAMED BROOK

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-20

Size 0.6510 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name UNNAMED BROOK

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-21

Size 0.3100 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name UNNAMED BROOK

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town ALLENSTOWN

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-22

Size 1.5760 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name UNNAMED BROOK

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town BOW

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-23

Size 1.4160 MILES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name UNNAMED BROOK

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-24

Size 0.3860 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name UNNAMED BROOK

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-25

Size 0.8280 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name UNNAMED BROOK

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-26

Size 1.0760 MILES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name UNNAMED BROOK

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-27

Size 0.7240 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name UNNAMED BROOK

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-28

Size 0.1210 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name PETERS BROOK

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-29

Size 0.8440 MILES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name UNNAMED BROOK

Beach N

Primary Town HOOKSETT

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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*DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 2-OBS = Exceeds WQ criteria but natural therefore not a WQ exceedence, 3-ND = Insufficient Information/No data, 3-PAS= Insufficient Information/Potentially Attaining Standard, 3-PNS= Insufficient Information/Potentially Not Attaining Standard, (4A=Impaired/TMDL Completed, 4B=Impaired/Other Measure will rectify Impairment, 4C=Impaired/Non-Pollutant, 5=Impaired/TMDL needed) M=Marginal Impairment, P=Severe Impairment, T=Threatened (<http://des.nh.gov/organization/divisions/water/wmb/swqa/index.htm>)

Assessment Unit ID NHRIV700060802-30

Size 0.5000 MILES

2016, 305(b)/303(d) - All Reviewed

Assessment Unit Name UNNAMED BROOK

Beach N

Parameters by Assessment Unit

DRAFT

Primary Town MANCHESTER

Assessment Unit Category*~ 3-ND

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060802-31
 Assessment Unit Name BRICKYARD BROOK
 Primary Town HOOKSETT

Size 0.0720 MILES

Beach N

Assessment Unit Category*~ 3-ND

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-ND		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			Dissolved oxygen saturation	N			3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Oxygen, Dissolved	N			3-ND		
			pH	N			3-ND		
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060803-14-01
 Assessment Unit Name MERRIMACK RIVER - AMOSKEG DAM BYPASS
 Primary Town MANCHESTER

Size 0.8010 MILES
 Beach N

2016, 305(b)/303(d) - All Reviewed
 Parameters by Assessment Unit
 DRAFT

Assessment Unit Category*~ 3-PNS

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	3-PNS		Benthic-Macroinvertebrate Bioassessments (Streams)	N			3-ND		
			DISSOLVED OXYGEN SATURATION	N	2002	2002	3-ND		
			Fishes Bioassessments (Streams)	N			3-ND		
			Nonnative Fish, Shellfish, or Zooplankton	N			3-PNS		
			OXYGEN, DISSOLVED	N	2002	2002	3-ND		
			Other flow regime alterations	N			3-ND		
pH	N			3-ND					
Drinking Water After Adequate Treatment	2-G								
Fish Consumption	4A-M		Mercury	N			4A-M	Atmospheric Deposition - Toxics	
Primary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Secondary Contact Recreation	3-ND		Escherichia coli	N			3-ND		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060803-14-02

Size 7.1770 MILES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name MERRIMACK RIVER

Beach N

Primary Town MANCHESTER

Assessment Unit Category*~ 5-M

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Aquatic Life	5-M		ALKALINITY, CARBONATE AS CaCO3	N	2012	2012	3-PNS		
			AMMONIA (UN-IONIZED)	N	2009	N/A	3-ND		
			ARSENIC	N	1995	N/A	3-ND		
			Aluminum	N	2016	2016	5-M	LOW	Source Unknown
			CADMIUM	N	1995	N/A	3-ND		
			CHLORIDE	N	2016	N/A	3-PAS		
			COPPER	N	2016	2016	3-PNS		
			Dissolved oxygen saturation	N	2016	N/A	2-G		
			IRON	N	1995	N/A	3-ND		
			LEAD	N	2005	2005	3-ND		
			NICKEL	N	2005	N/A	3-ND		
			Nonnative Fish, Shellfish, or Zooplankton	N			3-PNS		
			OXYGEN, DISSOLVED	N	2016	1990	2-G		
			PHOSPHORUS (TOTAL)	N	2016	NLV	3-PAS		
			SELENIUM	N	1995	N/A	3-ND		
			TURBIDITY	N	2016	2012	3-PAS		
			ZINC	N	2005	2005	3-ND		
pH	N	2016	2015	5-M	LOW	Source Unknown			
Drinking Water After Adequate Treatment	2-G		ARSENIC	N	1995	N/A	3-ND		
			COPPER	N	2016	N/A	3-PAS		
			ESCHERICHIA COLI	N	2016	2016	3-PNS		
			FECAL COLIFORM	N	2004	2004	3-ND		
			IRON	N	1995	1995	3-ND		
			MANGANESE	N	1994	1994	3-ND		
			NICKEL	N	2005	N/A	3-ND		
			SELENIUM	N	1995	N/A	3-ND		
SULFATES	N	2016	N/A	3-PAS					

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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Assessment Unit ID NHRIV700060803-14-02

Size 7.1770 MILES

2016, 305(b)/303(d) - All Reviewed
Parameters by Assessment Unit
DRAFT

Assessment Unit Name MERRIMACK RIVER

Beach N

Primary Town MANCHESTER

Assessment Unit Category*~ 5-M

Designated Use Description	*Desig. Use Category	Desig. Use Threat	Parameter Name	Parameter Threatened (Y/N)	Last Sample	Last Exceed	Parameter Category*	TMDL Priority	Source Name (Impairments only)
Drinking Water After Adequate Treatment	2-G		ZINC	N	2005	N/A	3-ND		
				N	2016	N/A	3-PAS		
Fish Consumption	4A-M		ARSENIC	N	1995	N/A	3-ND		
			COPPER	N	2016	N/A	3-PAS		
			MANGANESE	N	1994	N/A	3-ND		
			Mercury	N			4A-M		Atmospheric Deposition - Toxics
			NICKEL	N	2005	N/A	3-ND		
			SELENIUM	N	1995	N/A	3-ND		
			ZINC	N	2005	N/A	3-ND		
Primary Contact Recreation	4A-P		CHLOROPHYLL-A	N	2016	N/A	2-G		
			Escherichia coli	N	2016	2016	4A-P		Combined Sewer Overflows
Secondary Contact Recreation	2-M		ESCHERICHIA COLI	N	2016	2015	2-M		
Wildlife	3-ND								

Severe Not Supporting, Severe	Poor Not Supporting, Marginal	Likely Bad Insufficient Information - Potentially Full Supporting	No Data No Data	Likely Good Insufficient Information - Potentially Full Supporting	Marginal Full Support, Marginal	Good Full Support, Good
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