



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 1

1 CONGRESS STREET, SUITE 1100  
BOSTON, MASSACHUSETTS 02114-2023

September 30, 2009

Harry T. Stewart, P.E., Director  
New Hampshire Department of Environmental Services  
Water Division  
6 Hazen Drive, Box 95  
Concord, New Hampshire 03302-0095

Re: 2008 Section 303(d) List

Dear Mr. Stewart:

Thank you for submitting New Hampshire's 2008 §303(d) list of water quality limited segments. In accordance with §303(d) of the Clean Water Act (CWA) and 40 CFR §130.7, the U.S. Environmental Protection Agency (EPA) has conducted a complete review of the State's list, including all supporting documentation. Based on this review, EPA has determined that New Hampshire's 2008 §303(d) list meets the requirements of Section 303(d) of the Clean Water Act and EPA's implementing regulations. Therefore, by this order, EPA hereby approves the State's list, submitted electronically on September 10, 2008, and amended on August 14, 2009 to include listing a number of water body segments in the Great Bay estuary for nitrogen, and amended on September 29, 2009 to retain one water body on the list that had initially been removed from the list.

Thank you for your hard work in developing the 2008 §303(d) list. My staff and I look forward to continuing our work with NHDES to implement the requirements under §303(d) of the CWA. If you have any questions or need additional information please contact Steve Silva at 617-918-1561 or Al Basile at 617-918-1599.

Sincerely,

A handwritten signature in black ink that reads "Lynne A. Hamjian".

Lynne Hamjian, Acting Director  
Office of Ecosystem Protection

Enclosure

cc: NH DES: Paul Currier, Gregg Comstock, Ken Edwardson  
EPA: Steve Silva, Ann Williams, Al Basile, Beth Edwards

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# **EPA Review of New Hampshire's 2008 Section 303(d) List**

## **I. INTRODUCTION**

EPA has conducted a complete review of New Hampshire's 2008 Section 303(d) list and supporting documentation. Based on this review, EPA has determined that New Hampshire's list of water quality limited segments (WQLSs) still requiring TMDLs, meets the requirements of Section 303(d) of the Clean Water Act ("CWA" or "the Act") and EPA's implementing regulations. Therefore, by this order, EPA hereby approves New Hampshire's 2008 Section 303(d) list. The statutory and regulatory requirements, and EPA's review of New Hampshire's compliance with each requirement, are described in detail below.

## **II. STATUTORY AND REGULATORY BACKGROUND**

### **Identification of Water Quality Limited Segments for Inclusion on the 303(d) List**

Section 303(d)(1) of the Act directs States to identify those waters within its jurisdiction for which effluent limitations required by Section 301(b)(1)(A) and (B) are not stringent enough to implement any applicable water quality standard, and to establish a priority ranking for such waters, taking into account the severity of the pollution and the uses to be made of such waters. The Section 303(d) listing requirement applies to waters impaired by point and/or nonpoint sources, pursuant to EPA's long-standing interpretation of Section 303(d).

EPA regulations provide that States do not need to list waters where the following controls are adequate to implement applicable standards: (1) technology-based effluent limitations required by the Act, (2) more stringent effluent limitations required by State or local authority, and (3) other pollution control requirements required by State, local, or federal authority. See 40 CFR Section 130.7(b)(1).

### **Consideration of Existing and Readily Available Water Quality-Related Data and Information**

In developing Section 303(d) lists, States are required to assemble and evaluate all existing and readily available water quality-related data and information, including, at a minimum, consideration of existing and readily available data and information about the following categories of waters: (1) waters identified as partially meeting or not meeting designated uses, or as threatened, in the State's most recent Section 305(b) report; (2) waters for which dilution calculations or predictive modeling indicate non-attainment of applicable standards; (3) waters for which water quality problems have been reported by governmental agencies, members of the public, or academic institutions; and (4) waters identified as impaired or threatened in any Section 319 nonpoint assessment submitted to EPA. See 40 CFR §130.7(b)(5). In addition to these minimum categories, States are required to consider any other data and information that is existing and readily available. EPA's 2006 Integrated Report Guidance describes categories of water quality-related data and information that may be

existing and readily available. See EPA's October 12, 2006 memorandum on *Information Concerning 2008 Clean Water Act Sections 303(d), 305(b), and 314 Integrated Reporting and Listing Decisions* which recommended that the 2008 integrated water quality reports follow the *Guidance for 2006 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d), 305(b) and 314 of the Clean Water Act* (2006 Integrated Report Guidance (IRG)) issued July 29, 2005 (available at <http://www.epa.gov/owow/tmdl/2006IRG/>) as supplemented by the October 12, 2006 memo and attachments. While States are required to evaluate all existing and readily available water quality-related data and information, States may decide to rely or not rely on particular data or information in determining whether to list particular waters.

In addition to requiring States to assemble and evaluate all existing and readily available water quality-related data and information, EPA regulations at 40 CFR §130.7(b)(6) require States to include as part of their submissions to EPA, documentation to support decisions to rely or not rely on particular data and information and decisions to list or not list waters. Such documentation needs to include, at a minimum, the following information: (1) a description of the methodology used to develop the list; (2) a description of the data and information used to identify waters; and (3) any other reasonable information requested by the Region.

### **Priority Ranking**

EPA regulations also codify and interpret the requirement in Section 303(d)(1)(A) of the Act that States establish a priority ranking for listed waters. The regulations at 40 CFR §130.7(b)(4) require States to prioritize waters on their Section 303(d) lists for TMDL development, and also to identify those WQLSs targeted for TMDL development in the next two years. In prioritizing and targeting waters, States must, at a minimum, take into account the severity of the pollution and the uses to be made of such waters. See Section 303(d)(1)(A). As long as these factors are taken into account, the Act provides that States establish priorities. States may consider other factors relevant to prioritizing waters for TMDL development, including immediate programmatic needs, vulnerability of particular waters as aquatic habitats, recreational, economic, and aesthetic importance of particular waters, degree of public interest and support, and State or national policies and priorities. See 57 FR 33040, 33045 (July 24, 1992), and EPA's 2006 Integrated Report Guidance.

### **III. ANALYSIS OF NEW HAMPSHIRE'S SUBMISSION**

EPA has reviewed the State's submission. The initial submittal was sent electronically on September 10, 2008 (items 1-4). An amendment to the § 2008 303(d) list and associated documents (items 5-7), were sent electronically on Aug 14, 2009. The State sent a further amendment by email on September 29, 2009. The complete submittal package includes the following components:

1. State of New Hampshire 2008 Section 303(d) List;
2. List of waters/impairments being removed from New Hampshire's 2006 303(d) List;
3. New Hampshire's 2008 Section 305(b) and 303(d) Consolidated Assessment and Listing Methodology (CALM);

4. Response to Public Comments dated September 9, 2008;
5. Amendment to the § 2008 303(d) list, dated August 6, 2009, which adds a number of waterbody segments in the Great Bay estuary to New Hampshire's 2008 303(d) list;
6. Amendment to the § 2008 303(d) list, dated September 29, 2009, which retains Wright Pond on the list as impaired for aluminum.
7. Final report entitled "Numeric Nutrient Criteria for the Great Bay Estuary (June 2009)." The report documents the derivation of numeric targets that will be used to interpret the State's existing narrative nutrient criterion and narrative criteria for biological and aquatic community integrity; and
8. Response to public comments, dated June 10, 2009.

## **Public Participation**

New Hampshire conducted a public participation process in which it provided the public the opportunity to review and comment on the 2008 draft Section 303(d) list. A public comment period was opened upon the release of the draft list on February 22, 2008 and was closed on March 24, 2008. The NHDES posted the draft list on the Department's website and mailed notices to approximately 30 organizations/agencies.

The City of Keene and Conservation Law Foundation (CLF) were the only commenters. The City requested NHDES to remove from the § 303(d) list the segment of the Ashuelot River downstream of the City's wastewater treatment plant discharge. EPA believes NHDES's decision to retain this segment on the § 303(d) list was reasonable because of multiple instream exceedences of the dissolved oxygen criteria since 2001 and the low dilution factor (2:1) associated with the wastewater treatment facility.

CLF raised several concerns about NHDES's failure to list a number of waterbody segments in the Great Bay estuary for impairments due to nitrogen. EPA agreed that the information provided by CLF warranted further evaluation, and EPA encouraged the State to rapidly move forward with the development of numeric nutrient targets for the Great Bay estuary.

On June 10, 2009, the NHDES completed the development of numeric thresholds for nitrogen concentrations, chlorophyll-a and light attenuation for the Great Bay estuary which will be used to translate, or interpret, the State's existing narrative criteria for nutrients and biological and aquatic community integrity, to protect the designated uses of primary contact recreation and aquatic life use support. EPA was heavily engaged throughout the development of the numeric targets, providing both technical assistance and submittal of two rounds of comments, one of which was during the public comment period.

The State plans to formally adopt the numeric targets as water quality criteria and to submit the water quality standards revisions to EPA for approval. In the meantime, as discussed further below, EPA believes that the targets represent a reasonable interpretation of the State's narrative criteria and form an appropriate basis for determining whether additional waters in the Great Bay estuary should be listed on the §303(d) list based on nonattainment with the narrative criteria.

The State conducted a public comment period from December 30, 2008 through March 20, 2009 to solicit comments on: 1) The appropriateness of the numeric targets as an interpretation of the State's narrative nutrient standard, and 2) The proposed listing of additional water body segments in the Great Bay estuary as a result of the newly derived numeric nutrient targets. Over one hundred comments were submitted by twelve entities; all of the comments related to the proposed numeric targets. There were no comments on the additional waters that the State would add to the § 303(d) list on the basis of the proposed numeric targets.

EPA concludes that New Hampshire's public participation process was consistent with its Continuing Planning Process (CPP), and that New Hampshire provided sufficient public notice and opportunities for public involvement and response.

### **Identification of Waters and Consideration of Existing and Readily Available Water Quality-Related Data and Information**

EPA has reviewed the State's submission, and has concluded that the State developed its Section 303(d) list in compliance with Section 303(d) of the Act and 40 CFR § 130.7. EPA's review is based on its analysis of whether the State reasonably considered existing and readily available water quality-related data and information and reasonably identified waters required to be listed.

New Hampshire used the NHDES assessment database to develop its 2008 § 303(d) list. The same database was used to assist in the preparation of the biennial § 305(b) report. Both the § 303(d) and § 305(b) reports were submitted to EPA as an integrated report for 2008. The NHDES provides on-going notice on its website to request data from outside sources. Information received from outside sources was assessed in accordance with the State's assessment methodology. In the development of the 2008 § 303(d) list, New Hampshire began with its existing EPA approved 2006 § 303(d) list and relied on new water quality assessments (i.e., post-2006) to update the list accordingly. New Hampshire believes that information pertaining to impairment status must be well substantiated, preferably with actual monitoring data, for it to be used in § 303(d) listing.

As noted above, the State added additional waters to the § 303(d) list in response to CLF's comments on the draft list and further evaluation of nitrogen-related impairments in the Great bay estuary. As a result of that additional evaluation, which included the development of numeric targets to interpret existing narrative criteria, NHDES added a number of waters to the list. EPA has reviewed the State's analysis on which the numeric targets are based, and agrees that the targets reflect a reasonable interpretation of the State's existing narrative criteria. This determination is based on the fact that the State's analysis to derive nutrient targets was very transparent, included significant scientific and stakeholder input, and resulted in targets that were generated from very robust data sets using multiple lines of evidence.

EPA also believes that NHDES made reasonable decisions to include the additional waters in light of the numeric targets. The State reassessed all waters in the Great Bay estuary, appropriately applied

the newly derived nutrient targets, and added those assessment units that exceeded the new targets to the 2008 § 303(d) list.

The State provided a rationale for not relying on particular and readily available water quality-related data and information as a basis for listing waters. Beginning with the 1998 list and continuing through the 2008 listing process, New Hampshire chose not to list waters where the only information regarding water quality was unsubstantiated anecdotal information (e.g., citizen complaint). New Hampshire analyzed relevant data and information for each water body in the State in deciding whether there was sufficient, reliable data to support listing. The regulations require states to “assemble and evaluate” all relevant water quality related data and information, and New Hampshire did so for each of its waterbodies. The regulations permit states to decide not to use any particular data and information as a basis for listing, provided they have a reasonable rationale in doing so. New Hampshire’s decision not to use unsubstantiated anecdotal information is reasonable in light of the uncertainty about the reliability of such information. Moreover, it is reasonable for New Hampshire to decide to focus its listing and TMDL development resources on waters where water quality impairments are well-documented, rather than on waters with only unreliable water quality information. As additional waters are assessed, EPA expects New Hampshire would add waters to its list where such assessments show water quality standards are not being met.

In certain cases, New Hampshire included waters on the 2008 303(d) list based solely on evaluative information when it had confidence that an impairment exists. In developing the 2008 303(d) list, New Hampshire used data older than five years of age if waters had previously been listed as threatened or impaired, even though data older than five years is considered “evaluative” information under EPA’s Section 305(b) guidance. For waters not previously listed, New Hampshire considered only data that were five years old or less for rivers, streams impoundments, estuaries, and ocean waters, and 10 years old or less for lakes and ponds.

The State concluded that the use of data older than five years for waters previously listed (provided that it met all other data requirements stipulated in the assessment methodology) is reasonable in order to prevent removal of waters from a threatened or impaired category. In addition, NHDES has found that the water quality of many lakes and ponds does not change dramatically with time due to their large volume and longer retention times (on the order of years); therefore, use of 10-year-old data is believed to provide a reasonably accurate assessment of water quality conditions for these waterbodies. EPA believes this conclusion is reasonable, and it is consistent with EPA regulations for States to decide to list waters based on data older than five years. The regulations require States to consider all available data, and to use it unless they provide a reasonable rationale for not doing so.

Waters were not added to the 2008 § 303(d) list where limited information might indicate a possible impairment but it was determined to be insufficient (usually not well documented) for the purpose of listing on the § 303(d) list. For each assessment unit not listed, where information indicated that an impairment due to a pollutant may exist, but available information was determined to be insufficient to support a § 303(d) listing, the waterbodies were not included on the § 303(d) list. Instead, they

were included in a separate category on the Integrated Report for waters in need of further assessment.

In summary, the NHDES considered the most recent §305(b) assessments, as required by EPA's regulations, and used information obtained primarily through monitoring as the basis for adding water quality impairments to the 2008 §303(d) list. EPA concludes that the State properly assembled and evaluated all existing and readily available data and information, including data and information relating to the categories of waters specified in 40 CFR § 130.7(b)(5).

### **Priority Ranking**

As described in its methodology, New Hampshire established a priority ranking for listed waters by considering: 1) the presence of public health issues, 2) natural/outstanding resource waters, 3) threat to federally threatened or endangered species, 4) public interest, 5) available resources, 6) administrative or legal factors (i.e., NPDES program support or court order), and 7) the likelihood of implementation after the TMDL has been completed.

Individual priority rankings for listed waters are presented as the date shown on the 303(d) list which indicates when the TMDL is expected to be completed. EPA finds that the waterbody prioritization and targeting method used by New Hampshire is reasonable and sufficient for purposes of Section 303(d). The State properly took into account the severity of pollution and the uses to be made of listed waters, as well as other relevant factors described above.

### **Waters which are not listed on New Hampshire's 2008 § 303(d) List**

EPA requested that the State provide a rationale for its decision not to include previously listed waters. As discussed below, the State has demonstrated, to EPA's satisfaction, good cause for not listing these waters, as provided in 40 CFR § 130.7(b)(6)(iv):

1. The NHDES moved 5,123 AU's that were impaired for mercury to Category 4a. EPA concurs with this action as a Statewide mercury TMDL has been approved by EPA. All freshwaters in the State of New Hampshire were previously listed for mercury because of a Statewide fish consumption advisory. To keep the size of this document manageable, individual mercury delistings for fish consumption are not shown.
2. Since the approval of the 2006 303(d) List, the NHDES established 61 new freshwater AU's. The NHDES has placed these new AU's into Category 4a for mercury. EPA agrees that since the coverage of the approved mercury TMDL includes all freshwaters of the State, it is appropriate to place these new AU's into Category 4a and not into Category 5.

<b>AUID</b>	<b>AUID NAME</b>
NHIMP600030701-02	THURSTON POND DAM, DEERFIELD
NHIMP600031004-07	MARY'S POND DAM, SEABROOK
NHIMP700010802-01	SALMON BROOK II DAM

NHLAK600020604-03-02	MOORES POND SKI AND BEACH
NHLAK600020604-03-03	MOORES POND - ASSOCIATION BEACH
NHLAK600030607-05	SCRUTON POND, BARRINGTON
NHLAK700010205-01-01	MIRROR LAKE - MIRROR LAKE BEACH
NHLAK700010601-01-02	SPECTACLE POND - GROTON TOWN BEACH
NHLAK700010603-02-14	NEWFOUND LAKE - HEBRON TOWN BEACH
NHLAK700020110-02-37	LAKE WINNIPESAUKEE WAWBEEK CONDO ASSOC BEACH
NHLAK700030108-03	CAMPBELL POND, ANTRIM, CLS-A
NHLAK700030302-02-02	BLAISDELL LAKE - CAMP WABASSO BEACH
NHLAK700030505-04-01	ROLF POND - SANDY BEACH CAMPGROUND BEACH
NHLAK700060301-05	WHITTIER POND
NHLAK700060302-15	HORSESHOE POND, CANTERBURY
NHLAK700060601-01-02	DEERING RESERVOIR - DEERING LAKE BEACH
NHLAK700060601-01-03	DEERING RESERVOIR - HOPKINTON INDEPENDENT SCHOOL BEACH
NHLAK700060906-03	DREAM LAKE, AMHERST
NHLAK700061001-11	PENNICHUCK POND, HOLLIS
NHLAK700061102-14	WILSON POND, SALEM
NHLAK700061203-05-02	RAINBOW LAKE - KAREN-GENA BEACH
NHLAK700061403-13	CEDAR SWAMP POND, KINGSTON
NHLAK801060105-04-04	MASCOMA LAKE - DARTMOUTH COLLEGE BEACH
NHRIV600020105-09	ICE POND BROOK
NHRIV600020802-07	WEETAMOE BROOK
NHRIV600030603-11	HURD BROOK
NHRIV600030608-16	JACKSON BROOK
NHRIV600030902-15	CHASE BROOK
NHRIV600030903-13	GARRISON BROOK
NHRIV600030904-13	SHAW BROOK
NHRIV600030904-14	BRACKETT BROOK
NHRIV600030904-15	UNNAMED BROOK UNDER BAYSIDE ROAD
NHRIV600030904-16	WILLEY CREEK
NHRIV600030904-17	UNNAMED BROOK
NHRIV600030904-18	UNNAMED BROOK
NHRIV600030904-19	WILLEY CREEK
NHRIV600030904-20	UNNAMED BROOK
NHRIV600030904-21	UNNAMED BROOK
NHRIV600031001-11	UNNAMED STREAM BEHIND CHURCH
NHRIV600031004-17	MARY'S BROOK
NHRIV700010802-10	SALMON BROOK, CWF
NHRIV700020101-22	NORTH INLET TO RUST POND
NHRIV700020103-13	UNNAMED BROOKS TO DINSMORE POND
NHRIV700020108-06	UNNAMED BROOK - HAWKINS POND OUTLET
NHRIV700020201-21	DURKEE BROOK
NHRIV700020202-11	UNNAMED BROOKS TO SAWYER LAKE
NHRIV700030501-16	BEAVER GLEN BROOK
NHRIV700030504-14	UNNAMED BROOK TO FRENCH POND (ALONG FRENCH RD)
NHRIV700060401-12	UNNAMED BROOK TO CRYSTAL LAKE
NHRIV700060703-10	UNNAMED BROOK FROM CRYSTAL LAKE TO COHAS BROOK

NHRIV700061203-25	HOWARD BROOK
NHRIV700061203-26	LAUNCH BROOK
NHRIV801010902-04	INDIAN BROOK
NHRIV801060401-25	ANDERSON POND BROOK
NHRIV801060401-26	STROING BROOK
NHRIV801060405-30	UNNAMED TRIB - TO PERKINS POND
NHRIV801060405-31	UNNAMED TRIB - TO PERKINS POND
NHRIV801060405-32	UNNAMED TRIB - TO PERKINS POND
NHRIV801070203-13	SPRUCE RIVER
NHRIV802010101-19	UNNAMED BROOK - TO SAND POND
NHRIV802010101-20	UNNAMED BROOK - TO SAND POND

3. The NHDES moved 284 AU's that were impaired for pH to Category 4a. EPA concurs with this action, as pH TMDL's have been developed and approved for each of the 284 AU's.

AUID	AU NAME	PRIMARY TOWN	FFY of APPROVAL	TMDL ID
NHLAK600020302-01-02	ECHO LAKE - STATE PARK BEACH	CONWAY	2008	33879
NHLAK600020303-03-02	IONA LAKE - CAMP ALBANY BEACH	ALBANY	2008	33879
NHLAK600020303-07-02	PEQUAKET POND - REC DEPARTMENT BEACH	CONWAY	2008	33879
NHLAK600020701-02-02	LOWER BEECH POND - WILLIAM LAWRENCE CAMP BEACH	TUFTONBORO	2008	33879
NHLAK600020702-01-02	DAN HOLE POND - CAMP MERROVISTA BEACH	TUFTONBORO	2008	33879
NHLAK600020702-01-03	DAN HOLE POND - CAMP SENTINEL BAPTIST BEACH	TUFTONBORO	2008	33879
NHLAK600020801-06-02	SILVER LAKE - MONUMENT BEACH	MADISON	2008	33879
NHLAK600020801-06-03	SILVER LAKE - FOOT OF THE LAKE BEACH	MADISON	2008	33879
NHLAK600020801-06-04	SILVER LAKE - NICHOLS BEACH	MADISON	2008	33879
NHLAK600020801-06-05	SILVER LAKE - KENNETT PARK BEACH	MADISON	2008	33879
NHLAK600020802-04-02	OSSIPEE LAKE - CAMP CALUMET BEACH	OSSIPEE	2008	33879
NHLAK600020802-04-03	OSSIPEE LAKE - DEER COVE PB BEACH	OSSIPEE	2008	33879
NHLAK600020802-04-04	OSSIPEE LAKE - CAMP CODY FOR BOYS BEACH	FREEDOM	2008	33879
NHLAK600020803-08-02	SHAW POND - CAMP WAKUTA BEACH	FREEDOM	2008	33879
NHLAK600020804-01-04	LEAVITT BAY - CAMP MARIST BEACH	EFFINGHAM	2008	33879
NHLAK600020804-01-05	BROAD BAY - CAMP HUCKINS BEACH	FREEDOM	2008	33879
NHLAK600020804-01-06	BROAD BAY - CAMP ROBIN HOOD BEACH	FREEDOM	2008	33879
NHLAK600030601-05-02	SUNRISE LAKE - TOWN BEACH	MIDDLETON	2008	33879
NHLAK600030704-02-02	PAWTUCKAWAY LAKE - PAWTUCKAWAY STATE PARK BEACH	NOTTINGHAM	2008	33879
NHLAK600030704-02-03	PAWTUCKAWAY LAKE - TOWN BEACH	NOTTINGHAM	2008	33879
NHLAK700010802-03-02	HERMIT LAKE - TOWN BEACH	SANBORNTON	2008	33879
NHLAK700010804-01-02	HIGHLAND LAKE - TOWN BEACH	ANDOVER	2008	33879

<b>AUID</b>	<b>AU NAME</b>	<b>PRIMARY TOWN</b>	<b>FFY of APPROVAL</b>	<b>TMDL ID</b>
NHLAK700010804-02-02	WEBSTER LAKE - GRIFFIN TOWN BEACH	FRANKLIN	2008	33879
NHLAK700010804-02-03	WEBSTER LAKE - LEGACE TOWN BEACH	FRANKLIN	2008	33879
NHLAK700020101-05-02	LAKE WENTWORTH - ALBEE BEACH	WOLFEBORO	2008	33879
NHLAK700020101-05-03	LAKE WENTWORTH - WENTWORTH STATE PARK BEACH	WOLFEBORO	2008	33879
NHLAK700020101-05-04	LAKE WENTWORTH - PUBLIC BEACH	WOLFEBORO	2008	33879
NHLAK700020101-05-05	LAKE WENTWORTH - CAMP BERNADETTE BEACH	WOLFEBORO	2008	33879
NHLAK700020101-05-06	LAKE WENTWORTH - CAMP PLEASANT VALLEY BEACH	WOLFEBORO	2008	33879
NHLAK700020101-05-07	LAKE WENTWORTH - PIERCE CAMP BIRCHMONT BEACH	WOLFEBORO	2008	33879
NHLAK700020101-07-02	RUST POND - WOLFEBORO CAMP SCHOOL BEACH	WOLFEBORO	2008	33879
NHLAK700020108-02-03	LAKE WAUKEWAN - TOWN BEACH	MEREDITH	2008	33879
NHLAK700020110-02-04	LAKE WINNIPESAUKEE - MELVIN VILLAGE LAKE TOWN BEACH	TUFTONBORO	2008	33879
NHLAK700020110-02-05	LAKE WINNIPESAUKEE - MOULTONBOROUGH TOWN BEACH	MOULTONBOROUGH	2008	33879
NHLAK700020110-02-07	LAKE WINNIPESAUKEE - PUBLIC BEACH	TUFTONBORO	2008	33879
NHLAK700020110-02-08	LAKE WINNIPESAUKEE - CARRY BEACH	WOLFEBORO	2008	33879
NHLAK700020110-02-09	LAKE WINNIPESAUKEE - BREWSTER BEACH	WOLFEBORO	2008	33879
NHLAK700020110-02-10	LAKE WINNIPESAUKEE - ALTON BAY TOWN BEACH	ALTON	2008	33879
NHLAK700020110-02-11	LAKE WINNIPESAUKEE - PUBLIC DOCK TOWN BEACH	ALTON	2008	33879
NHLAK700020110-02-12	LAKE WINNIPESAUKEE - ELACOYA STATE PARK BEACH	GILFORD	2008	33879
NHLAK700020110-02-13	LAKE WINNIPESAUKEE - GILFORD TOWN BEACH	GILFORD	2008	33879
NHLAK700020110-02-14	LAKE WINNIPESAUKEE - ENDICOTT PARK WEIRS BEACH	LACONIA	2008	33879
NHLAK700020110-02-15	LAKE WINNIPESAUKEE - LEAVITT PARK BEACH	MEREDITH	2008	33879
NHLAK700020110-02-16	LAKE WINNIPESAUKEE - TOWN BEACH (CENTER HARBOR)	CENTER HARBOR	2008	33879
NHLAK700020110-02-17	LAKE WINNIPESAUKEE - STATES LANDING TOWN BEACH	MOULTONBOROUGH	2008	33879
NHLAK700020110-02-20	LAKE WINNIPESAUKEE - CAMP ALTON BEACH	ALTON	2008	33879
NHLAK700020110-02-21	LAKE WINNIPESAUKEE - BROOKWOOD/DEER RUN BEACH	ALTON	2008	33879
NHLAK700020110-02-22	LAKE WINNIPESAUKEE - CAMP KABEYUN BEACH	ALTON	2008	33879
NHLAK700020110-02-23	LAKE WINNIPESAUKEE - CAMP LAWRENCE BEACH	MEREDITH	2008	33879
NHLAK700020110-02-24	LAKE WINNIPESAUKEE - CAMP	MEREDITH	2008	33879

AUID	AU NAME	PRIMARY TOWN	FFY of APPROVAL	TMDL ID
	MENOTOMY BEACH			
NHLAK700020110-02-25	LAKE WINNIPESAUKEE - CAMP NOKOMIS BEACH	MEREDITH	2008	33879
NHLAK700020110-02-26	LAKE WINNIPESAUKEE - GENEVA POINT CENTER BEACH	MOULTONBOROUGH	2008	33879
NHLAK700020110-02-27	LAKE WINNIPESAUKEE - WINAUKEE ISLAND CAMP BEACH	MOULTONBOROUGH	2008	33879
NHLAK700020110-02-28	LAKE WINNIPESAUKEE - CAMP ROBINDEL FOR GIRLS BEACH	MOULTONBOROUGH	2008	33879
NHLAK700020110-02-29	LAKE WINNIPESAUKEE - CAMP TECUMSEH BEACH	MOULTONBOROUGH	2008	33879
NHLAK700020110-02-30	LAKE WINNIPESAUKEE - CAMP WINAUKEE BEACH	MOULTONBOROUGH	2008	33879
NHLAK700020110-02-31	LAKE WINNIPESAUKEE - CAMP BELKNAP BEACH	TUFTONBORO	2008	33879
NHLAK700020110-02-32	LAKE WINNIPESAUKEE - CAMP NORTH WOODS BEACH	TUFTONBORO	2008	33879
NHLAK700020110-02-33	LAKE WINNIPESAUKEE - CAMP SANDY ISLAND BEACH	TUFTONBORO	2008	33879
NHLAK700020110-02-34	LAKE WINNIPESAUKEE - CAMP DEWITT BEACH	ALTON	2008	33879
NHLAK700020110-02-35	LAKE WINNIPESAUKEE - WANAKEE METHODIST CHURCH BEACH	MEREDITH	2008	33879
NHLAK700020201-05-02	LAKE WINNISQUAM - TOWN BEACH	SANBORNTON	2008	33879
NHLAK700020201-05-03	LAKE WINNISQUAM - BARTLETTS BEACH	LACONIA	2008	33879
NHLAK700020201-05-04	LAKE WINNISQUAM - BELMONT TOWN BEACH	BELMONT	2008	33879
NHLAK700020201-05-05	LAKE WINNISQUAM - AHERN STATE PARK	LACONIA	2008	33879
NHLAK700030105-01-02	ZEPHYR LAKE - TOWN BEACH	GREENFIELD	2008	33879
NHLAK700030105-02-03	OTTER LAKE - GREENFIELD SP PICNIC BEACH	GREENFIELD	2008	33879
NHLAK700030105-02-04	OTTER LAKE - GREENFIELD SP MIDDLE BEACH	GREENFIELD	2008	33879
NHLAK700030105-02-05	OTTER LAKE - GREENFIELD SP CAMPING BEACH	GREENFIELD	2008	33879
NHLAK700030105-02-06	OTTER LAKE - CAMP UNION BEACH	GREENFIELD	2008	33879
NHLAK700030105-02-07	OTTER LAKE - GREENFIELD SP BEACH	GREENFIELD	2008	33879
NHLAK700030105-03-02	SUNSET LAKE - TOWN BEACH	GREENFIELD	2008	33879
NHLAK700030105-03-03	SUNSET LAKE - NASHUA FRESH AIR CAMP BEACH	GREENFIELD	2008	33879
NHLAK700030402-02-02	PLEASANT LAKE - ELKINS BEACH	NEW LONDON	2008	33879
NHLAK700030505-01-02	CLEMENT POND - CAMP MERRIMAC BEACH	HOPKINTON	2008	33879
NHLAK700040401-01-02	MELENDY POND - TOWN BEACH	BROOKLINE	2008	33879
NHLAK700040401-02-02	LAKE POTANIPO - TOWN BEACH	BROOKLINE	2008	33879
NHLAK700040401-02-03	POTANIPO POND - CAMP TEVYA BEACH	BROOKLINE	2008	33879
NHLAK700060101-02-02	SONDOGARDY POND - GLINES PARK BEACH	NORTHFIELD	2008	33879

<b>AUID</b>	<b>AU NAME</b>	<b>PRIMARY TOWN</b>	<b>FFY of APPROVAL</b>	<b>TMDL ID</b>
NHLAK700060201-01-02	LOON LAKE - LOON LAKE BEACH	GILMANTON	2008	33879
NHLAK700060202-03-02	CLOUGH POND - TOWN BEACH	LOUDON	2008	33879
NHLAK700060401-02-02	CRYSTAL LAKE-TOWN BEACH	GILMANTON	2008	33879
NHLAK700060401-06-02	MANNING LAKE - CAMP BELL BEACH	GILMANTON	2008	33879
NHLAK700060402-03-02	HALFMOON LAKE - CAMP MI-TE-NA BEACH	ALTON	2008	33879
NHLAK700060403-01-02	BIG WILEY POND - CAMP FOSS BEACH	STRAFFORD	2008	33879
NHLAK700060403-01-03	BIG WILEY POND - PARKER MTN BEACH	STRAFFORD	2008	33879
NHLAK700060501-03-02	WILD GOOSE POND - WILD GOOSE POND BEACH	PITTSFIELD	2008	33879
NHLAK700060501-03-03	WILD GOOSE POND - WILD GOOSE CAMP BEACH	PITTSFIELD	2008	33879
NHLAK700060503-01-02	BEAR HILL POND - BEAR HILL POND BEACH	ALLENSTOWN	2008	33879
NHLAK700060601-03-02	PLEASANT LAKE - PUBLIC ACCESS BEACH	HENNIKER	2008	33879
NHLAK700061203-06-02	ROBINSON POND - TOWN BEACH	HUDSON	2008	33879
NHLAK700061203-06-03	UNKNOWN POND - CAMP WINAHUPE BEACH	HUDSON	2008	33879
NHLAK700061204-02-02	LITTLE ISLAND POND - CAMP RUNELS BEACH	PELHAM	2008	33879
NHLAK801010707-01-02	CHRISTINE LAKE - TB BEACH	STARK	2008	33879
NHLAK801040201-03-02	LAKE TARLETON - KINGSWOOD CAMP BEACH	PIERMONT	2008	33879
NHLAK801040203-01-02	POST POND - CHASE TOWN BEACH	LYME	2008	33879
NHLAK801060401-08-02	KOLEMOOK LAKE - TOWN BEACH	SPRINGFIELD	2008	33879
NHLAK801060402-04-02	LITTLE SUNAPEE LAKE - BUCKLIN TOWN BEACH	NEW LONDON	2008	33879
NHLAK801060402-04-03	LITTLE LAKE SUNAPEE - COLBY LODGE BEACH	NEW LONDON	2008	33879
NHLAK801060402-05-02	SUNAPEE LAKE - GEORGES MILL TOWN BEACH	SUNAPEE	2008	33879
NHLAK801060402-05-03	SUNAPEE LAKE - DEWEY (TOWN) BEACH	SUNAPEE	2008	33879
NHLAK801060402-05-04	SUNAPEE LAKE - BLODGETT'S LANDING BEACH	NEWBURY	2008	33879
NHLAK801060402-05-05	SUNAPEE LAKE - SUNAPEE STATE PARK BEACH	NEWBURY	2008	33879
NHLAK801060402-05-06	SUNAPEE LAKE - DEPOT BEACH	NEWBURY	2008	33879
NHLAK801060402-12-02	OTTER POND - MORGAN BEACH	NEW LONDON	2008	33879
NHLAK801060403-04-02	RAND POND - PUBLIC WAY BEACH	GOSHEN	2008	33879
NHLAK801070503-01-02	SPOFFORD LAKE - ACCESS RD TOWN BEACH	CHESTERFIELD	2008	33879
NHLAK801070503-01-03	SPOFFORD LAKE - N SHORE RD TOWN BEACH	CHESTERFIELD	2008	33879
NHLAK801070503-01-04	SPOFFORD LAKE - WARES GROVE TOWN BEACH	CHESTERFIELD	2008	33879
NHLAK801070503-01-05	SPOFFORD LAKE - CAMP SPOFFORD	CHESTERFIELD	2008	33879

AUID	AU NAME	PRIMARY TOWN	FFY of APPROVAL	TMDL ID
	BEACH			
NHLAK801070503-01-06	SPOFFORD LAKE - ROADS END FARM BEACH	CHESTERFIELD	2008	33879
NHLAK802010202-07-02	RUSSEL RESERVOIR - CHESHAM BEACH	HARRISVILLE	2008	33879
NHLAK802010302-01-02	SWANZEY LAKE - RICHARDSON PARK TOWN BEACH	SWANZEY	2008	33879
NHLAK802010302-01-03	SWANZEY LAKE - CAMP SQUANTO BEACH	SWANZEY	2008	33879
NHIMP700060302-02	HAYWARD BROOK/MORRILL POND	CANTERBURY	2007	33878
NHIMP700060502-01	DURGIN POND OUTLET	NORTHWOOD	2007	33878
NHIMP700061403-04	POWWOW POND	KINGSTON	2007	33878
NHLAK600020202-01	FALLS POND	ALBANY	2007	33878
NHLAK600020302-01-01	ECHO LAKE	CONWAY	2007	33878
NHLAK600020303-03	IONA LAKE	ALBANY	2007	33878
NHLAK600020303-05	BIG PEA PORRIDGE POND	MADISON	2007	33878
NHLAK600020303-06	MIDDLE PEA PORRIDGE POND	MADISON	2007	33878
NHLAK600020303-07-01	PEQUAWKET POND	CONWAY	2007	33878
NHLAK600020303-09	WHITTON POND	ALBANY	2007	33878
NHLAK600020604-03	MOORES POND	TAMWORTH	2007	33878
NHLAK600020701-02	LOWER BEECH POND	TUFTONBORO	2007	33878
NHLAK600020701-04	UPPER BEECH POND	WOLFEBORO	2007	33878
NHLAK600020702-01	DAN HOLE POND	TUFTONBORO	2007	33878
NHLAK600020703-03	PINE RIVER POND	WAKEFIELD	2007	33878
NHLAK600020703-04	WHITE POND	OSSIPEE	2007	33878
NHLAK600020801-01	BLUE POND	MADISON	2007	33878
NHLAK600020801-05	MACK POND	MADISON	2007	33878
NHLAK600020801-06-01	SILVER LAKE	MADISON	2007	33878
NHLAK600020802-04-01	OSSIPEE LAKE	OSSIPEE	2007	33878
NHLAK600020803-01-01	LOWER DANFORTH POND	FREEDOM	2007	33878
NHLAK600020803-01-02	MIDDLE DANFORTH POND	FREEDOM	2007	33878
NHLAK600020803-03	UPPER DANFORTH POND	FREEDOM	2007	33878
NHLAK600020803-08	SHAW POND	FREEDOM	2007	33878
NHLAK600020804-01-01	BERRY BAY	FREEDOM	2007	33878
NHLAK600020804-01-02	LEAVITT BAY	OSSIPEE	2007	33878
NHLAK600020804-01-03	BROAD BAY	FREEDOM	2007	33878
NHLAK600020902-01	PROVINCE LAKE	EFFINGHAM	2007	33878
NHLAK600021001-01	BALCH POND	WAKEFIELD	2007	33878
NHLAK600030403-02	HORN POND	WAKEFIELD	2007	33878
NHLAK600030601-05-01	SUNRISE LAKE	MIDDLETON	2007	33878
NHLAK600030602-03	ROCHESTER RESERVOIR	ROCHESTER	2007	33878
NHLAK600030605-01	NIPPO POND	BARRINGTON	2007	33878
NHLAK600030704-02-01	PAWTUCKAWAY LAKE	NOTTINGHAM	2007	33878
NHLAK600030802-01	HUNT POND	SANDOWN	2007	33878

<b>AUID</b>	<b>AU NAME</b>	<b>PRIMARY TOWN</b>	<b>FFY of APPROVAL</b>	<b>TMDL ID</b>
NHLAK700010104-02	LOON POND	LINCOLN	2007	33878
NHLAK700010205-01	MIRROR LAKE	WOODSTOCK	2007	33878
NHLAK700010304-04	MCCUTCHEON POND	DORCHESTER	2007	33878
NHLAK700010304-05	POUT POND	DORCHESTER	2007	33878
NHLAK700010401-03	CONE POND	THORNTON	2007	33878
NHLAK700010402-03	LOWER HALL POND	SANDWICH	2007	33878
NHLAK700010402-05	UPPER HALL POND	SANDWICH	2007	33878
NHLAK700010402-08	LITTLE PERCH POND	CAMPTON	2007	33878
NHLAK700010501-01	BARVILLE POND	SANDWICH	2007	33878
NHLAK700010501-02	INTERVALE POND	SANDWICH	2007	33878
NHLAK700010501-03	KUSUMPE POND	SANDWICH	2007	33878
NHLAK700010502-04	SKY POND	NEW HAMPTON	2007	33878
NHLAK700010701-03	ORANGE POND	ORANGE	2007	33878
NHLAK700010701-05	WAUKEENA LAKE	DANBURY	2007	33878
NHLAK700010702-02	SCHOOL POND	DANBURY	2007	33878
NHLAK700010802-03-01	HERMIT LAKE	SANBORNTON	2007	33878
NHLAK700010802-04	RANDLETT POND	MEREDITH	2007	33878
NHLAK700010802-05	MOUNTAIN POND	SANBORNTON	2007	33878
NHLAK700010804-01-01	HIGHLAND LAKE	ANDOVER	2007	33878
NHLAK700010804-02-01	WEBSTER LAKE	FRANKLIN	2007	33878
NHLAK700020101-05-01	LAKE WENTWORTH	WOLFEBORO	2007	33878
NHLAK700020101-07-01	RUST POND	WOLFEBORO	2007	33878
NHLAK700020108-02-01	LAKE WAUKEWAN	MEREDITH	2007	33878
NHLAK700020108-02-02	LAKE WINONA	NEW HAMPTON	2007	33878
NHLAK700020108-04	HAWKINS POND	CENTER HARBOR	2007	33878
NHLAK700020110-02-01	PAUGUS BAY	LACONIA	2007	33878
NHLAK700020110-02-19	LAKE WINNIPESAUKEE	ALTON	2007	33878
NHLAK700020110-05	SALTMARSH POND	GILFORD	2007	33878
NHLAK700020201-05-01	LAKE WINNISQUAM	LACONIA	2007	33878
NHLAK700020202-03	POUT POND	BELMONT	2007	33878
NHLAK700020202-04	SARGENT LAKE	BELMONT	2007	33878
NHLAK700030101-08	GRASSY POND	RINDGE	2007	33878
NHLAK700030101-12	POOL POND	RINDGE	2007	33878
NHLAK700030101-13	BULLET POND	RINDGE	2007	33878
NHLAK700030103-02	TOLMAN POND	NELSON	2007	33878
NHLAK700030103-03	JUGGERNAUT POND	HANCOCK	2007	33878
NHLAK700030103-09	SPOONWOOD LAKE	NELSON	2007	33878
NHLAK700030103-10	DINSMORE POND	HARRISVILLE	2007	33878
NHLAK700030105-01-01	ZEPHYR LAKE	GREENFIELD	2007	33878
NHLAK700030105-02-01	OTTER LAKE	GREENFIELD	2007	33878
NHLAK700030105-03-01	SUNSET LAKE	GREENFIELD	2007	33878
NHLAK700030107-01	WILLARD POND	ANTRIM	2007	33878
NHLAK700030202-06	BAGLEY POND	WINDSOR	2007	33878

<b>AUID</b>	<b>AU NAME</b>	<b>PRIMARY TOWN</b>	<b>FFY of APPROVAL</b>	<b>TMDL ID</b>
NHLAK700030203-02	SMITH POND	WASHINGTON	2007	33878
NHLAK700030203-03	TROUT POND	STODDARD	2007	33878
NHLAK700030204-04	LOON POND	HILLSBOROUGH	2007	33878
NHLAK700030302-02	BLAISDELL LAKE	SUTTON	2007	33878
NHLAK700030302-04-01	LAKE MASSASECUM	BRADFORD	2007	33878
NHLAK700030304-05	TOM POND	WARNER	2007	33878
NHLAK700030304-07	TUCKER POND	SALISBURY	2007	33878
NHLAK700030304-08	LAKE WINNEPOCKET	WEBSTER	2007	33878
NHLAK700030401-02	BUTTERFIELD POND	WILMOT	2007	33878
NHLAK700030402-01	CHASE POND	WILMOT	2007	33878
NHLAK700030402-02-01	PLEASANT LAKE	NEW LONDON	2007	33878
NHLAK700030403-05	HORSESHOE POND	ANDOVER	2007	33878
NHLAK700030502-03	BEAR POND	WARNER	2007	33878
NHLAK700030505-01	CLEMENT POND	HOPKINTON	2007	33878
NHLAK700040401-01-01	MELENDY POND	BROOKLINE	2007	33878
NHLAK700040401-02-01	POTANIPO POND	BROOKLINE	2007	33878
NHLAK700060101-01	SHAW POND	FRANKLIN	2007	33878
NHLAK700060101-02-01	SONDOGARDY POND	NORTHFIELD	2007	33878
NHLAK700060201-01-01	LOON POND	GILMANTON	2007	33878
NHLAK700060201-03	NEW POND	CANTERBURY	2007	33878
NHLAK700060202-03-01	CLOUGH POND	LOUDON	2007	33878
NHLAK700060202-04	CROOKED POND	LOUDON	2007	33878
NHLAK700060401-02-01	CRYSTAL LAKE	GILMANTON	2007	33878
NHLAK700060401-06	MANNING LAKE	GILMANTON	2007	33878
NHLAK700060401-12	SUNSET LAKE	ALTON	2007	33878
NHLAK700060402-03	HALFMOON LAKE	ALTON	2007	33878
NHLAK700060402-05	HUNTRESS POND	BARNSTEAD	2007	33878
NHLAK700060403-01	BIG WILEY POND	STRAFFORD	2007	33878
NHLAK700060403-02	LITTLE WILEY POND	STRAFFORD	2007	33878
NHLAK700060501-03	WILD GOOSE POND	PITTSFIELD	2007	33878
NHLAK700060501-08	BERRY POND	PITTSFIELD	2007	33878
NHLAK700060502-03	CHESTNUT POND	EPSOM	2007	33878
NHLAK700060503-01	BEAR HILL POND	ALLENSTOWN	2007	33878
NHLAK700060601-01	DEERING RESERVOIR	DEERING	2007	33878
NHLAK700060601-02	DUDLEY POND	DEERING	2007	33878
NHLAK700060601-03-01	PLEASANT POND	HENNIKER	2007	33878
NHLAK700060602-02	MOUNT WILLIAM POND	WEARE	2007	33878
NHLAK700060604-01	PLEASANT POND	FRANCESTOWN	2007	33878
NHLAK700060607-03	LONG POND	DUNBARTON	2007	33878
NHLAK700060702-03	MASSABESIC LAKE	AUBURN	2007	33878
NHLAK700060802-02	LAKINS POND	HOOKSETT	2007	33878
NHLAK700060802-03	PINNACLE POND	HOOKSETT	2007	33878
NHLAK700060803-02	STEVENS POND	MANCHESTER	2007	33878

<b>AUID</b>	<b>AU NAME</b>	<b>PRIMARY TOWN</b>	<b>FFY of APPROVAL</b>	<b>TMDL ID</b>
NHLAK700061002-03	HORSESHOE POND	MERRIMACK	2007	33878
NHLAK700061101-01-01	ISLAND POND	HAMPSTEAD	2007	33878
NHLAK700061203-06-01	ROBINSON POND	HUDSON	2007	33878
NHLAK700061204-02	LITTLE ISLAND POND	PELHAM	2007	33878
NHLAK700061204-03	ROCK POND	WINDHAM	2007	33878
NHLAK700061205-01	GUMPAS POND	PELHAM	2007	33878
NHLAK801010102-03	ROUND POND	PIITTSBURG	2007	33878
NHLAK801010707-01-01	CHRISTINE LAKE	STARK	2007	33878
NHLAK801040201-03	LAKE TARLETON	PIERMONT	2007	33878
NHLAK801040203-01-01	POST POND	LYME	2007	33878
NHLAK801060101-03	CUMMINS POND	DORCHESTER	2007	33878
NHLAK801060101-05	RESERVOIR POND	DORCHESTER	2007	33878
NHLAK801060103-02	LITTLE GOOSE POND	CANAAN	2007	33878
NHLAK801060104-02	GRAFTON POND	GRAFTON	2007	33878
NHLAK801060401-06	EASTMAN POND	GRANTHAM	2007	33878
NHLAK801060401-08-01	KOLELEMOOK LAKE	SPRINGFIELD	2007	33878
NHLAK801060402-04-01	LITTLE SUNAPEE LAKE	NEW LONDON	2007	33878
NHLAK801060402-05-01	SUNAPEE LAKE	SUNAPEE	2007	33878
NHLAK801060402-11	MOUNTAINVIEW LAKE	SUNAPEE	2007	33878
NHLAK801060402-12-01	OTTER POND	SUNAPEE	2007	33878
NHLAK801060403-01	GILMAN POND	UNITY	2007	33878
NHLAK801060403-04-01	RAND POND	GOSHEN	2007	33878
NHLAK801060404-01	ROCKYBOUND POND	CROYDON	2007	33878
NHLAK801070201-01	CRESCENT LAKE	CRESCENT LAKE	2007	33878
NHLAK801070503-01-01	SPOFFORD LAKE	CHESTERFIELD	2007	33878
NHLAK802010102-05	BARRETT POND	WASHINGTON	2007	33878
NHLAK802010104-01	CALDWELL POND	ALSTEAD	2007	33878
NHLAK802010104-03	CRANBERRY POND	ALSTEAD	2007	33878
NHLAK802010202-02	CHILDS BOG	HARRISVILLE	2007	33878
NHLAK802010202-07	RUSSELL RESERVOIR	HARRISVILLE	2007	33878
NHLAK802010202-14	BABBIDGE RESERVOIR	ROXBURY	2007	33878
NHLAK802010302-01-01	SWANZEY LAKE	SWANZEY	2007	33878
NHLAK802010303-02	MEETINGHOUSE POND	MARLBOROUGH	2007	33878
NHLAK802010303-07	SAND POND	TROY	2007	33878
NHLAK802010303-10	WILSON POND	SWANZEY	2007	33878
NHLAK802020103-04	EMERSON POND	RINDGE	2007	33878
NHLAK802020202-01	COLLINS POND	FITZWILLIAM	2007	33878
NHLAK600030604-01-02	BOW LAKE - TOWN BEACH	STRAFFORD	2006	32408
NHLAK600030604-01-03	BOW LAKE - MARY WALDRON BEACH	STRAFFORD	2006	32409
NHLAK600030604-01-04	BOW LAKE - BENNETT BRIDGE BEACH	STRAFFORD	2006	32410
NHLAK700030102-01-02	THORNDIKE POND - TOWN BEACH	JAFFREY	2006	30636
NHLAK700030103-05-02	HARRISVILLE POND - SUNSET TOWN BEACH	HARRISVILLE	2006	30661

AUID	AU NAME	PRIMARY TOWN	FFY of APPROVAL	TMDL ID
NHLAK700030108-02-02	GREGG LAKE – TOWN BEACH	ANTRIM	2006	30637
NHLAK700060502-08-02	NORTHWOOD LAKE – TOWN BEACH	NORTHWOOD	2006	30638
NHLAK700060502-09-02	PLEASANT LAKE – VEASEY PARK BEACH	DEERFIELD	2006	30639
NHLAK700061002-01-02	DARRAH POND – TOWN BEACH	LITCHFIELD	2006	30662
NHLAK801030302-01-02	ECHO LAKE – FRANCONIA STATE PARK BEACH	FRANCONIA	2006	30640
NHLAK802010303-05-02	STONE POND – TOWN BEACH	MARLBOROUGH	2006	30641
NHLAK802020101-01-02	CAMP TOAH NIPI BEACH ON PECKER POND	RINDGE	2006	22528

4. Since the approval of the 2006 § 303(d) List, the NHDES has established eight new beach AU's on ponds that already have approved TMDL's for pH impairments. EPA concurs that it is appropriate to list the eight AU's in Category 4a for pH, as the TMDL's developed for the parent lakes will also address impairments at the beach AU's.

AUID	AU NAME	New AUID as of	Parent Lake TMDL ID
NHLAK600020604-03-02	MOORES POND SKI AND BEACH (NH635571)	07/05/2006	33878
NHLAK600020604-03-03	MOORES POND - ASSOCIATION BEACH (NH173393)-	07/05/2006	33878
NHLAK700020110-02-37	LAKE WINNIPESAUKEE WAWBEEK CONDO ASSOC BEACH (NH283207)	07/05/2006	33878
NHLAK700010601-01-02	SPECTACLE POND - GROTON TOWN BEACH (NH883841)	07/05/2006	11453
NHLAK700030302-02-02	CAMP WABASSO BEACH (NH770125) ON BLAISDELL LAKE	04/20/2007	33878
NHLAK700060601-01-02	DEERING LAKE BEACH (NH476110) ON DEERING RESERVOIR	04/20/2007	33878
NHLAK700060601-01-03	HOPKINTON INDEPENDENT SCHOOL BEACH (NH770215) ON DEERING RESERVOIR	04/20/2007	33878
NHLAK700010205-01-01	MIRROR LAKE BEACH (NH224709) ON MIRROR LAKE	04/20/2007	33878

5. The NHDES moved 21 AU's that were impaired for aluminum to Category 4a. EPA agrees that this action is appropriate because the aluminum impairments will be addressed by the already approved TMDL's for low pH. Low pH can mobilize aluminum from soil and rock, thus resulting in exceedence of water quality standards. According to NHDES, there are no known sources of aluminum in the 21 AU's other than leaching resulting from low pH.<sup>1</sup>

1. NHDES had also initially moved Wright Pond (NHLAK801010103-03), which had previously been listed for impairment due to aluminum, to Category 2 (fully supporting), based on a determination that the aluminum levels were due solely to naturally low pH, which causes aluminum to be mobilized from soil/rock. After discussions with EPA, NHDES added Wright Pond back onto the § 303(d) list, because acid rain, not just naturally low levels of pH,

AUID	AUID Name
NHLAK400010502-02	CORSER POND, ERROL
NHLAK400010502-05	SWEAT POND, ERROL
NHLAK600020102-02	SAWYER POND, LITTLE, LIVERMORE
NHLAK600020602-02	FLAT MOUNTAIN POND (1&2), WATERVILLE VALLEY
NHLAK700010104-01	BLACK POND, LINCOLN
NHLAK700010201-03	LONESOME LAKE, LINCOLN
NHLAK700010203-02	RUSSELL POND, WOODSTOCK, W/CWF
NHLAK700010204-01	EAST POND, LIVERMORE
NHLAK700010205-02	PEAKED HILL POND, THORNTON, CWF
NHLAK700010304-02	DERBY POND, ORANGE
NHLAK700010307-01	LOON LAKE, PLYMOUTH, WWF
NHLAK700010401-04	GREELEY POND (UPPER), LIVERMORE
NHLAK700010402-04	HALL POND, MIDDLE, SANDWICH, CWF
NHLAK700030301-01	SOLITUDE, LAKE, NEWBURY
NHLAK801010706-01	BOG POND, LITTLE, ODELL
NHLAK801030302-01-01	ECHO LAKE, FRANCONIA
NHLAK801030302-01-02	FRANCONIA STATE PARK ECHO LAKE
NHLAK801030701-01	CONSTANCE LAKE, PIERMONT
NHLAK801060401-07	HALFMILE POND, ENFIELD
NHLAK802010101-04	LONG POND, LEMPSTER
NHLAK802010101-06-01	MILLEN POND, WASHINGTON

6. The NHDES moved one AU that was impaired for shellfishing and primary contact recreation to Category 4a. EPA concurs with this decision, as this AU has an EPA approved TMDL that addresses both uses.

AUID	AU Name
NHEST600031002-02	Little Harbor, C-Ap, 197.98, Ac

7. The NHDES moved one AU that was impaired for primary contact recreation to Category 2 (fully supporting for this use). EPA agrees that this action is appropriate as the source of the impairment, a failed septic system, has been removed and sampling data has demonstrated attainment of water quality criteria. Follow-up water quality monitoring has included analysis of 40 samples.

AUID	AU Name
NHEST600031001-05	Back Channel, P/SZ, 421.64, Ac

contributes to aluminum leaching into the water body. Unlike the other lakes and ponds with high aluminum levels due to acid rain, Wright Pond is not addressed by any of the pH TMDLs that have been approved.

8. The NHDES moved two AU's that were impaired for primary contact recreation to Category 4a. The EPA concurs with this decision, as both AU's have an approved TMDL.

AUID	AU Name
NHIMP802010303-04-02	SAND DAM VILLAGE POND-TOWN BEACH
NHIMP700030204-05-02	MILL POND-TOWN BEACH

9. The NHDES moved one AU that was impaired for primary contact recreation to Category 2 (fully supporting for this use). The EPA agrees that this action is appropriate because more recent sampling conducted in 2002, 2003, 2004, 2005, 2006 and 2007 have revealed that water quality criteria for primary contact recreation are in full support. The original listing was based upon sampling conducted on a single day in 2001.

AUID	AU Name
NHRIV700010303-09-02	LOWER BAKER RIVER-TOWN BEACH

10. The NHDES moved seven AU's that were impaired for lead (Pb) to Category 3 (Insufficient Information). The NHDES has reported that the original listing was in error, as all collected samples were below the analytical detection limit. EPA concurs with the State's decision to move these waters to Category 3.

AUID	AU Name	Number of Lead Samples	Number of lead samples below the analytical detection limit
NHRIV600020305-02	Saco River	9	9
NHRIV600020106-08	Saco River	2	2
NHRIV600020202-05-01	Swift River	2	2
NHRIV600020202-05-02	ROCKY GORGE-SWIFT RIVER	2	2
NHRIV600020202-05-03	LOWER FALLS-SWIFT RIVER	2	2
NHRIV600020203-01	Swift River	2	2
NHRIV600020302-05-02	Kearsarge Brook	2	2

12. The NHDES moved 36 AU's that were listed as impaired for fish consumption due to PCB's to Category 3 (Insufficient Information). NHDES explained that it believed that the reason for listing in previous cycles was because PCB's have been detected in the tissue of fish taken from the Connecticut River. However, the concentrations were below the threshold that would trigger a fish consumption advisory, according to both NHDES and the NH Environmental Health Program (NHEHP). NHDES interprets its designated use of "fish consumption" to be in attainment if there are no "restricted consumption" or "no consumption" fish advisories in effect. Given that the levels

of PCB's in the tissue of fish from the Connecticut River are below levels that would trigger a consumption advisory, EPA believes that NHDES's decision to move these AU's to Category 3 is reasonable.

AUID	AU Name
NHIMP801010305-01	CONNECTICUT RIVER - CANAAN HYDRO
NHIMP801030201-01	CONNECTICUT RIVER - GILMAN DAM POND
NHIMP801030203-01	CONNECTICUT RIVER - COMERFORD STORAGE DAM
NHIMP801030205-02	CONNECTICUT RIVER - MCINDOES RESERVOIR
NHIMP801030206-01-01	CONNECTICUT RIVER - DODGE FALLS (TAILRACE OF MCINDOES DAM)
NHIMP801030206-01-02	CONNECTICUT RIVER - DODGE FALLS
NHIMP801060703-05	CONNECTICUT RIVER - BELLOWS FALLS
NHIMP801070507-01	CONNECTICUT RIVER - VERNON DAM
NHLAK801030202-01	MOORE RESERVOIR
NHLAK801040402-03	WILDER LAKE
NHRIV801010203-04	CONNECTICUT RIVER
NHRIV801010203-07	CONNECTICUT RIVER
NHRIV801010305-01	CONNECTICUT RIVER
NHRIV801010305-02	CONNECTICUT RIVER
NHRIV801010404-02	CONNECTICUT RIVER
NHRIV801010405-03	CONNECTICUT RIVER
NHRIV801010603-05	CONNECTICUT RIVER
NHRIV801010902-02	CONNECTICUT RIVER
NHRIV801010902-03	CONNECTICUT RIVER
NHRIV801010903-02	CONNECTICUT RIVER
NHRIV801030201-02	CONNECTICUT RIVER
NHRIV801030203-01	CONNECTICUT RIVER
NHRIV801030205-02	CONNECTICUT RIVER
NHRIV801030206-03	CONNECTICUT RIVER
NHRIV801030703-04	CONNECTICUT RIVER
NHRIV801040205-06	CONNECTICUT RIVER
NHRIV801040402-13	CONNECTICUT RIVER
NHRIV801060302-01	CONNECTICUT RIVER
NHRIV801060302-05	CONNECTICUT RIVER
NHRIV801060305-12	CONNECTICUT RIVER
NHRIV801060702-12	CONNECTICUT RIVER
NHRIV801070501-10-01	CONNECTICUT RIVER - BYPASSED RIVER REACH BELOW BELLOWS FALLS DAM
NHRIV801070501-10-02	CONNECTICUT RIVER
NHRIV801070502-06	CONNECTICUT RIVER
NHRIV801070505-10	CONNECTICUT RIVER
NHRIV802010501-05	CONNECTICUT RIVER

13. The NHDES moved two AU's to Category 2 (Fully Supporting) for both primary and secondary contact recreation (sedimentation/siltation). The original impairments and subsequent listings were the result of direct stormwater discharges. Sediment deltas formed in the lake below each of the

outfalls. In response to the identification of these impairments, the City of Manchester implemented a Section 319 restoration project in the watershed which was designed to eliminate excessive sediment transport to the lake. NHDES provided comprehensive information on the steps that the City has taken to remove the deltas, install BMPs, and reduce storm water discharges to the lake. Since removal of the deltas and the sediment sources, recreational uses are no longer impaired. EPA supports delisting on this basis.

Crystal Lake, Manchester (NHLAK700060703-02-01)  
Crystal Lake, Town Beach (NHLAK700060703-02-02)

14. The NHDES moved one AU impaired for primary contact recreation due to E. coli to Category 2 (Fully Supporting for primary contact recreation). This AU was listed because of an illicit discharge. A follow-up investigation identified two sources. Both sources were disconnected in 2007. Follow-up outfall monitoring revealed E. coli concentrations of <30/100 mL in the pipe. In-situ sampling from 2003 to the present revealed no exceedences of the single sample or geometric mean water quality criteria in the 55 samples collected. EPA concurs with the State's decision to remove this AU from the 303(d) List.

Lamprey River/MaCallen dam (NHIMP600030709-03)

### **Waters impaired by nonpoint sources of pollution**

The State properly listed waters with nonpoint sources causing or expected to cause impairment, consistent with Section 303(d) and EPA guidance. Section 303(d) lists are to include all WQLSs still needing TMDLs, regardless of whether the source of the impairment is a point and/or nonpoint source. EPA's long-standing interpretation is that Section 303(d) applies to waters impacted by point and/or nonpoint sources. In 'Pronsolino v. Marcus,' the District Court for Northern District of California held that Section 303(d) of the Clean Water Act authorizes EPA to identify and establish total maximum daily loads for waters impaired by nonpoint sources. Pronsolino v. Marcus, 91 F. Supp. 2d 1337, 1347 (N.D.Ca. 2000). This decision was affirmed by the 9th Circuit court of appeals in Pronsolino v. Natri, 291 F.3d 1123 (9th Cir. 2002). See also EPA's Guidance for 2006 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d), 305(b) and 314 of the Clean Water Act – EPA Office of Water—July 29, 2005.