

2006 LIST OF IMPAIRMENTS REMOVED (i.e. DELISTED) FROM THE 2004, 303(d) LIST OF THREATENED OR IMPAIRED WATERS

Notes:

1. See the Consolidated Assessment and Listing Methodology (CALM) for definitions and details regarding how this list was developed.
2. This list is sorted by Waterbody Type and then Assessment Unit ID.
3. TMDL stands for Total Maximum Daily Load study.
4. Waters presented on this list may also be threatened or impaired by other pollutants or nonpollutants.
5. DES Categories; 2-G = Supports Parameter well above criteria, 2-M = Supports Parameter marginally above criteria, 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 with rectify Impairment, 4C=Impaired/Non-Pollutant, \*-M=Slightly Impaired/Marginal Condition, \*-P=Severely Impaired/Poor Condition, \*-T=T

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHEST600030806-01	Squamscott River, P/Uc, 306.51, Ac	0.470	SQUARE MILES	Aquatic Life	Dissolved oxygen saturation	2-M	N	2017	DELIST. This parameter was in the 2004 ADB in error. In 2004, only the DO-PPM parameter failed the CALM criteria. In 2006, the same situation occurred -- daily average DOSAT was fully supporting but daily minimum DO was not supporting. Sonde records with less than 75% coverage of the day (i.e., 36 readings) were not used for the daily average DO saturation assessments. Assessment is based on data from in-situ datasondes only.
NHEST600030903-01	Bellamy River North, P, C, 160.745, Ac	0.251	SQUARE MILES	Primary Contact Recreation	Enterococcus	3-PAS	N	2017	DELIST. This AU was listed in 2004 because of persistent sewage discharges from the Mill Street pump station in Dover. In the fall of 2004, the City of Dover upgraded the pump station. The DES Shellfish Program has not reported any discharges of sewage from this pump station since the upgrade.
NHEST600030904-02	Great Bay Prohib SZ1, 519.231, Ac	0.811	SQUARE MILES	Shellfishing	Fecal Coliform	3-PNS	N	2017	DELIST. In the 2004 ADB, this area was classified as "Prohibited" and therefore was listed as an impairment. The current classification is "Safety Zone" which is classified as 3-PNS because it is an administrative closure and not based on actual fecal violations. Assessment based on DES Shellfish Program Classification per NSSP protocols
NHEST600030904-03	Great Bay Prohib SZ2, 664.621, Ac	1.038	SQUARE MILES	Shellfishing	Fecal Coliform	3-PNS	N	2017	DELIST. In the 2004 ADB, this area was classified as "Restricted" and therefore was listed as an impairment. The current classification is "Safety Zone" which is classified as 3-PNS because it is an administrative closure and not based on actual fecal violations. Assessment based on DES Shellfish Program Classification per NSSP protocols
NHEST600031001-04	Lower Sagamore Creek, P/SZ, 76.24, Ac	0.110	SQUARE MILES	Primary Contact Recreation	Enterococcus	3-ND	N	2017	DELIST - This parameter was listed as impaired in 2004 because of discharges from a failing septic system at 187 Wentworth Street. The failing septic system has been replaced.

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHEST600031001-09	South Mill Pond, Portsmouth	0.029	SQUARE MILES	Aquatic Life	Dissolved oxygen saturation	2-M	N	2017	DELIST. This parameter was incorrectly listed as impaired in 2004. In fact, the DO impairments in this AU are all associated with DO-PPM values below the MAGEXC criterion. Therefore, dissolved oxygen saturation should be delisted and dissolved oxygen (ppm) has been listed in the 2006 ADB.
NHEST600031003-01	Hampton Falls River, P/Uc, 7.09, Ac	0.010	SQUARE MILES	Shellfishing	Fecal Coliform	4A-P	N	2003	DELIST to 4A - AU covered by Hampton Harbor TMDL
NHEST600031004-05	Browns River, P/Uc, 60.545, Ac	0.095	SQUARE MILES	Shellfishing	Fecal Coliform	4A-P	N	2003	DELIST to 4A - AU covered by Hampton Harbor TMDL
NHEST600031004-06	Hunts Island Creek, P/Uc, 15.99, Ac	0.020	SQUARE MILES	Shellfishing	Fecal Coliform	4A-P	N	2003	DELIST to 4A - AU covered by Hampton Harbor TMDL
NHEST600031004-07	Mill Creek, P/Uc, 31.35, Ac	0.050	SQUARE MILES	Shellfishing	Fecal Coliform	4A-P	N	2003	DELIST to 4A - AU covered by Hampton Harbor TMDL
NHEST600031004-08-03	BLACKWATER RIVER	0.220	SQUARE MILES	Shellfishing	Fecal Coliform	4A-P	N	2017	DELIST to 4A - AU covered by Hampton Harbor TMDL (formerly AUs NHEST600031004-08-01 and NHEST600031004-08-02)
NHEST600031004-09-03	Hampton/Seabrook Harbor, C-Ap, 393.719, Ac	0.615	SQUARE MILES	Shellfishing	Fecal Coliform	4A-P	N	2003	DELIST to 4A - AU covered by Hampton Harbor TMDL (formerly NHEST600031004-04-03 and NHEST600031004-09-01)  319 Project R-02-C-04 Project Terminated with some Tasks completed 1. Met with the DES Coastal Watershed Coordinator on January 14, 2004 to review the Scope of Work and refine the timeline. A timeline was presented and agreed upon (attached). 2. Researched available data and information sources for the Hampton/Seabrook watershed and developed a summary of findings to prioritize pollution sources and areas/ subwatersheds in need of restoration. A CD of the resources was submitted to DES on 10/8/04. Developed draft goals for restoration and submitted to DES on 11/12/04.  3. Interviewed stakeholders to gather additional information regarding important community issues (contacts and results attached), the occurrence of issues mentioned, the identification of potential pollution sources and a list of additional information/ data sources. All interviews are summarized on a CD submitted to DES on 2/28/05.  4. Compiled additional materials, reviewed and summarized findings. All materials and findings are saved onto a CD submitted to DES on 2/28/05. The report outline and draft restoration plan are attached.
NHEST600031004-09-04	Hampton/Seabrook Harbor, R, 127.879, Ac	0.199	SQUARE MILES	Shellfishing	Fecal Coliform	4A-P	N	2017	DELIST to 4A - AU covered by Hampton Harbor TMDL (formerly AUs NHEST600031004-04-02 and NHEST600031004-09-02)

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHEST600031004-09-05	SEABROOK HARBOR BEACH	0.006	SQUARE MILES	Shellfishing	Fecal Coliform	4A-P	N	2017	DELIST to 4A - AU covered by Hampton Harbor TMDL because the beach overlaps with NHEST600031004-09-04
NHIMP400010606-03	Androscoggin River, IMP	50.000	ACRES	Primary Contact Recreation	Escherichia coli	4B-M	N	2016	DELIST to 4B - 2/3/04: AO issued on 7/16/1991 by DES (# WSPCD 91-16). City smoke tested system and identified and eliminated approximately 300 illicit connections. Need to resample. NH statutes (RSA 485-A:8,II) prohibit the discharge of untreated sewage to surface waters ("There shall be no discharge of sewage or wastes except those that have received adequate treatment to prevent the lowering of the biological, physical, chemical, or bacteriological characteristics nor shall such disposal of sewage or waste be inimical to aquatic life or to the maintenance of aquatic life in said receiving waters." In addition, NH has an excellent record of working with communities to eliminate illicit connections and, where necessary, issuing enforceable orders.  This is consistent with the other AUs impacted by the 1991 work and accepted by EPA in 2004.
NHIMP700020203-01	KNOWLES POND, IMP, CLS-A, WWF	55.000	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHIMP700030507-01-02	KIMBALL POND-HOPKINTON TOWN BEACH	1.380	ACRES	Primary Contact Recreation	Escherichia coli	3-ND	N	2013	DELIST - Not support to no data/insufficient information. Kimball Pond no longer exists. The impoundment collapsed, water no longer fills the existing site. Town does not know yet whether it will be restored, but it most likely will not be.
NHIMP801060106-01	Blodgett Brook, IMP	3.000	ACRES	Primary Contact Recreation	Escherichia coli	3-ND	N	2016	DELIST - There currently is nor ever has been any data right on this AU. There are WQPS stations on NHRIV801060106-04 (upstream) & NHRIV801060106-05 (downstream) and both are 5-P. Including this AU as impaired violates the spatial applicability of stations in the CALM.
NHIMP801060407-04	Sugar River, IMP, WWF	8.000	ACRES	Primary Contact Recreation	Escherichia coli	3-PNS	N	2016	DELIST - This should not have been listed in 2002. The CALM does not allow for any kind of assessment based upon one sample.
NHLAK400010502-02	CORSER POND, ERROL	5.000	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A
NHLAK400010502-05	SWEAT POND, ERROL	6.000	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK600020102-02	SAWYER POND, LITTLE, LIVERMORE	11.000	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK600020104-01	CARTER POND, UPPER, BEANS PURCHASE	1.100	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK600020602-02	FLAT MOUNTAIN POND (1&2), WATERVILLE VALLEY	38.700	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHLAK600020604-01-03	CHOCORUA LAKE-TOWN BEACH	1.867	ACRES	Primary Contact Recreation	Escherichia coli	2-G	N	2017	DELIST - Not supporting to fully supporting based on new assessment criteria. Inaccurate posting data in 2002. The public beach, not town should have been posted. No historical data are above the SSMC.
NHLAK600020605-02-01	WHITE LAKE, TAMWORTH, CLS-A	123.000	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK600020802-02	CONNER POND, OSSIPEE	86.500	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK600030403-03	IVANHOE, LAKE, WAKEFIELD	124.000	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK600030602-01	BAXTER LAKE, FARMINGTON	294.900	ACRES	Aquatic Life	pH	2-OBS	N	2017	DELIST - NHDES has in the past and continues to use an apparent color value of 30 cpu to separate naturally acidic lakes from acid lakes caused by man-made inputs. "Absent other sources that could significantly impact pH, low pH exceedances in waters with apparent color measurements greater than 30 cpu were considered to be due to natural sources such as natural tannic and humic acids in the water" (NHDES CALM, 2006).  In the 2004 and previous assessments, only summer, epilimnetic or upper water sample results were used to assess pH and color for lakes (NHDES CALM, 2004). A new process for reviewing data was initiated for the 2006 assessments that allowed for all depths and all seasons to be assessed (the worst-case value for each sample date was used for the pH value; all depths and dates were used to obtain the color value).  For the 2006 assessment for Baxter Lake, 14 color values were assessed, 12 of the 14 values exceeded 30 with an average of 35.
NHLAK600030604-01-01	BOW LAKE, STRAFFORD	1160.700	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK600030607-01	AYERS POND, BARRINGTON	227.600	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK600030802-03-02	PHILLIPS POND-TOWN BEACH/SEELEY PARK	0.267	ACRES	Primary Contact Recreation	Escherichia coli	3-PNS	N	2013	DELIST - Not support to insufficient information based on new assessment criteria and historical data.
NHLAK700010104-01	BLACK POND, LINCOLN	6.000	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK700010201-03	LONESOME LAKE, LINCOLN	27.200	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK700010203-02	RUSSELL POND, WOODSTOCK, W/CWF	39.000	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK700010204-01	EAST POND, LIVERMORE	6.700	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A
NHLAK700010205-02	PEAKED HILL POND, THORNTON, CWF	11.000	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHLAK700010302-02	WACHIPAUKA POND, WARREN, CWF	22.300	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A
NHLAK700010304-02	DERBY POND, ORANGE	10.000	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A
NHLAK700010306-01	STINSON LAKE, RUMNEY, W/CWF	350.000	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK700010306-01-02	CAMP HAPPY T RANCH BEACH	1.380	ACRES	Aquatic Life	pH	4A-M	N	2017	DELIST to 4A
NHLAK700010307-01	LOON LAKE, PLYMOUTH, WWF	111.900	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK700010401-04	GREELEY POND (UPPER), LIVERMORE	2.000	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A
NHLAK700010402-01	BLACK MOUNTAIN POND, SANDWICH, CWF	6.000	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A
NHLAK700010402-04	HALL POND, MIDDLE, SANDWICH, CWF	8.000	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A
NHLAK700010601-01	SPECTACLE POND, GROTON, CWF	45.800	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A
NHLAK700020108-02-03	TOWN BEACH WAUKEWAN LAKE, CLS-A	0.679	ACRES	Primary Contact Recreation	Escherichia coli	2-M	N	2013	DELIST - Not supporting to fully supporting based on new assessment criteria. Beach was listed as not supporting due to inaccurate posting data. The beach was never issued an advisory in the past.
NHLAK700020110-02-08	WINNIPESAUKEE LAKE-CARRY BEACH	1.285	ACRES	Primary Contact Recreation	Escherichia coli	2-M	N	2013	DELIST - Not supporting to fully supporting based on new assessment criteria. Also, inaccurate posting data for 2000 resulted in the beach being listed. No advisory has been issued for Carry Beach in the past.
NHLAK700020110-02-09	WINNIPESAUKEE LAKE-BREWSTER BEACH	0.897	ACRES	Primary Contact Recreation	Escherichia coli	3-PNS	N	2013	DELIST - Not supporting to insufficient information based on new assessment criteria and historical data.
NHLAK700020110-02-36	MIDDLE BROOK CANAL- LAKE WINNIPESAUKEE, MOULTONBOROUGH	3.290	ACRES	Secondary Contact Recreation	Sedimentation /Siltation	2-G	N	2017	DELIST from 4C 319 Project #R-02-M-08 2/16/2006: Project Completed. Portions of the Association's roads were re-crowned and/or paved to reduce sediment runoff, and paved roads are swept each spring. Larger volume culverts installed to reduce flow velocity. No-wake buoys, and cement boat ramp installed. Canal dredged of approximately 2,800 cubic yards of sediment. Electronic version of the final report is available. 3/30/04: Potential 4B for sedimentation/erosion. Spoke with EPA and agreed to put on Imp Cat 5 for now and hopefully put on 4B next cycle. 2/3/04: Section 319 Project to address sedimentation/siltation: This is a man-made channel in a cove of Lake Winnepesaukee. The issue is sedimentation which hinders boating. Major sources of erosion have been eliminated. Dredging of the channel is all that remains which is expected to be complete by 2006. Funding has been secured.

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHLAK700020201-04	WICWAS LAKE, MEREDITH, WWF	327.700	ACRES	Aquatic Life	pH	2-OBS	N	2017	<p>DELIST - NHDES has in the past and continues to use an apparent color value of 30 cpu to separate naturally acidic lakes from acid lakes caused by man-made inputs. "Absent other sources that could significantly impact pH, low pH exceedances in waters with apparent color measurements greater than 30 cpu were considered to be due to natural sources such as natural tannic and humic acids in the water" (NHDES CALM, 2006).</p> <p>In the 2004 and previous assessments, only summer, epilimnetic or upper water sample results were used to assess pH and color for lakes (NHDES CALM, 2004). A new process for reviewing data was initiated for the 2006 assessments that allowed for all depths and all seasons to be assessed (the worst-case value for each sample date was used for the pH value; all depths and dates were used to obtain the color value).</p> <p>For the 2006 assessment for Wicwas Lake, three color values were available, all were well over the 30 criteria with an average value of 73.</p>
NHLAK700020201-06-02	OPECHEE LAKE-BOND BEACH	0.436	ACRES	Primary Contact Recreation	Escherichia coli	3-PNS	N	2013	DELIST - Not supporting to insufficient information based on new assessment criteria and historical data.
NHLAK700030101-05	GILMORE POND, JAFFREY, W/CWF	115.000	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK700030102-01-01	THORNDIKE POND, JAFFREY, WWF	265.000	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK700030102-01-03	CAMP WA-KLO BEACH	1.380	ACRES	Aquatic Life	pH	4A-M	N	2017	DELIST to 4A
NHLAK700030102-01-04	CAMP WANOCKSETT BEACH	1.380	ACRES	Aquatic Life	pH	4A-M	N	2017	DELIST to 4A
NHLAK700030102-02	FROST POND, JAFFREY, WWF	103.300	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK700030103-05-01	HARRISVILLE POND, HARRISVILLE, WWF	120.000	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A
NHLAK700030103-06-02	MACDOWELL RESERVOIR BEACH, PETERBOROUGH	1.380	ACRES	Primary Contact Recreation	Escherichia coli	3-PNS	N	2017	DELIST - Not support to insufficient information. Old assessment criteria listed the beach as not supporting but is thought to be inaccurate. No advisory was issued for the beach in 2003. Under the new criteria the beach would be listed as insufficient information.
NHLAK700030103-07	NUBANUSIT LAKE, HANCOCK, W/CWF	715.000	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A
NHLAK700030103-08	SKATUTAKEE, LAKE, , WWF	260.900	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHLAK700030107-02-01	NORWAY POND, HANCOCK, WWF	49.500	ACRES	Aquatic Life	pH	2-OBS	N	2017	<p>DELIST - NHDES has in the past and continues to use an apparent color value of 30 cpu to separate naturally acidic lakes from acid lakes caused by man-made inputs. "Absent other sources that could significantly impact pH, low pH exceedances in waters with apparent color measurements greater than 30 cpu were considered to be due to natural sources such as natural tannic and humic acids in the water" (NHDES CALM, 2006).</p> <p>In the 2004 and previous assessments, only summer, epilimnetic or upper water sample results were used to assess pH and color for lakes (NHDES CALM, 2004). A new process for reviewing data was initiated for the 2006 assessments that allowed for all depths and all seasons to be assessed (the worst-case value for each sample date was used for the pH value; all depths and dates were used to obtain the color value).</p> <p>For the 2006 assessment for Norway Pond, 28 color values were assessed; 13 values were &lt; 30 and 15 were &gt; 30, with an average of 42.</p>
NHLAK700030108-02-01	GREGG LAKE, ANTRIM, WWF	195.100	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK700030108-02-03	CAMP CHENOA BEACH	1.380	ACRES	Aquatic Life	pH	4A-M	N	2017	DELIST to 4A
NHLAK700030204-03	ISLAND POND, WASHINGTON, WWF	202.200	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A
NHLAK700030301-01	SOLITUDE, LAKE, NEWBURY	5.000	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A
NHLAK700030303-03-01	Kezar Lake, Sutton	169.800	ACRES	Aquatic Life	pH	2-OBS	N	2017	<p>DELIST - NHDES has in the past and continues to use an apparent color value of 30 cpu to separate naturally acidic lakes from acid lakes caused by man-made inputs. "Absent other sources that could significantly impact pH, low pH exceedances in waters with apparent color measurements greater than 30 cpu were considered to be due to natural sources such as natural tannic and humic acids in the water" (NHDES CALM, 2006).</p> <p>In the 2004 and previous assessments, only summer, epilimnetic or upper water sample results were used to assess pH and color for lakes (NHDES CALM, 2004). A new process for reviewing data was initiated for the 2006 assessments that allowed for all depths and all seasons to be assessed (the worst-case value for each sample date was used for the pH value; all depths and dates were used to obtain the color value).</p> <p>For the 2006 assessment for Kezar Lake, 288 color values were assessed and the average color value was 43.</p>
NHLAK700030403-03	COLD POND, ANDOVER	14.800	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHLAK700060302-09	Penacook Lake, CONCORD, PWS, CLS-A, WWF	358.600	ACRES	Drinking Water After Adequate Treatment	Excess Algal Growth	2-G	N	2017	DELIST - According to RSA 485-A:8, I and II, Class A and B surface waters shall be "? acceptable for water supply uses after adequate treatment". The statute does not state that such waters shall be acceptable for water supply uses after conventional treatment, as implied in the 2004 CALM. Copper sulfate is a relatively common form of treatment used by many water suppliers to control taste and odor problems and, therefore, meets the definition of "adequate treatment" necessary to make waters acceptable for water supply uses. Consequently, use of copper sulfate to control taste and odor problems in water supplies is not considered a violation of water quality standards. As such, use of copper sulfate to control taste and odor problems has been removed as an indicator of impairment for the drinking water use in the 2006 CALM.
NHLAK700060402-10-01	SUNCOOK POND, LOWER, BARNSTEAD, W/CWF	239.300	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK700060402-10-03	CAMP FATIMA BEACH	1.380	ACRES	Aquatic Life	pH	2-OBS	N	2017	DELIST - NHDES has in the past and continues to use an apparent color value of 30 cpu to separate naturally acidic lakes from acid lakes caused by man-made inputs. "Absent other sources that could significantly impact pH, low pH exceedances in waters with apparent color measurements greater than 30 cpu were considered to be due to natural sources such as natural tannic and humic acids in the water" (NHDES CALM, 2006).  In the 2004 and previous assessments, only summer, epilimnetic or upper water sample results were used to assess pH and color for lakes (NHDES CALM, 2004). A new process for reviewing data was initiated for the 2006 assessments that allowed for all depths and all seasons to be assessed (the worst-case value for each sample date was used for the pH value; all depths and dates were used to obtain the color value).  For the 2006 assessment for Upper Suncook Lake, Camp Fatima beach, 16 color values were assessed, all but 5 values exceed the 30 color criterion with an average color value of 52.
NHLAK700060502-06	JENNESS POND, NORTHWOOD, WWF	232.500	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A
NHLAK700060502-07	LONG POND, NORTHWOOD, WWF	100.200	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK700060502-08-01	Northwood Lake, Northwood	653.000	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK700060502-08-03	CAMP WAH-TUT-CA BEACH	1.380	ACRES	Aquatic Life	pH	4A-M	N	2017	DELIST to 4A
NHLAK700060502-09-01	PLEASANT LAKE, DEERFIELD, WWF	493.500	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST TO 4A

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHLAK700060901-03	Pratt Pond, New Ipswich	35.670	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A
NHLAK700061001-04-01	HarrisPond/Pennichuck Brook, PWS	83.000	ACRES	Drinking Water After Adequate Treatment	Excess Algal Growth	2-G	N	2012	DELIST - According to RSA 485-A:8, I and II, Class A and B surface waters shall be "? acceptable for water supply uses after adequate treatment". The statute does not state that such waters shall be acceptable for water supply uses after conventional treatment, as implied in the 2004 CALM. Copper sulfate is a relatively common form of treatment used by many water suppliers to control taste and odor problems and, therefore, meets the definition of "adequate treatment" necessary to make waters acceptable for water supply uses. Consequently, use of copper sulfate to control taste and odor problems in water supplies is not considered a violation of water quality standards. As such, use of copper sulfate to control taste and odor problems has been removed as an indicator of impairment for the drinking water use in the 2006 CALM.
NHLAK700061001-04-02	Bowers Pond, PWS	106.400	ACRES	Drinking Water After Adequate Treatment	Excess Algal Growth	2-G	N	2012	DELIST - According to RSA 485-A:8, I and II, Class A and B surface waters shall be "? acceptable for water supply uses after adequate treatment". The statute does not state that such waters shall be acceptable for water supply uses after conventional treatment, as implied in the 2004 CALM. Copper sulfate is a relatively common form of treatment used by many water suppliers to control taste and odor problems and, therefore, meets the definition of "adequate treatment" necessary to make waters acceptable for water supply uses. Consequently, use of copper sulfate to control taste and odor problems in water supplies is not considered a violation of water quality standards. As such, use of copper sulfate to control taste and odor problems has been removed as an indicator of impairment for the drinking water use in the 2006 CALM.
NHLAK700061002-01-01	DARRAH POND, LITCHFIELD	17.300	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A
NHLAK700061101-01-03	ISLAND POND-SANBORN SHORE ACRES	1.280	ACRES	Primary Contact Recreation	Escherichia coli	3-PNS	N	2017	DELIST - 2006 Previously listed as not support based on beach posting. Changed to insufficient information based on new assessment criteria and only one exceedance of the SSMC in 2003.
NHLAK700061101-03-03	SUNSET LAKE-SUNSET PARK	0.800	ACRES	Primary Contact Recreation	Escherichia coli	3-PNS	N	2017	DELIST - Not supporting to insufficient information based on new assessment criteria. One SSMC exceedance in 1997.

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHLAK700061102-02	CANOBIE LAKE, WINDHAM, PWS, CLS-A, WWF	373.400	ACRES	Drinking Water After Adequate Treatment	Excess Algal Growth	2-G	N	2012	DELIST - According to RSA 485-A:8, I and II, Class A and B surface waters shall be "? acceptable for water supply uses after adequate treatment". The statute does not state that such waters shall be acceptable for water supply uses after conventional treatment, as implied in the 2004 CALM. Copper sulfate is a relatively common form of treatment used by many water suppliers to control taste and odor problems and, therefore, meets the definition of "adequate treatment" necessary to make waters acceptable for water supply uses. Consequently, use of copper sulfate to control taste and odor problems in water supplies is not considered a violation of water quality standards. As such, use of copper sulfate to control taste and odor problems has been removed as an indicator of impairment for the drinking water use in the 2006 CALM.
NHLAK700061403-01-02	ANGLE POND-ANGLE POND GROVE	0.485	ACRES	Primary Contact Recreation	Escherichia coli	3-PNS	N	2017	DELIST - Use support changed to insufficient information based on a deleted result in 2003. The result was deleted due to interfering growth on the plate, however prior to deletion the result was listed as TNTC. Results initially reported as TNTC can trigger beach advisories. Beaches where advisories were posted were listed as impaired based on previous cycles reporting criteria. Based on the current cycle criteria, this beach is listed as insufficient information.
NHLAK700061403-03-02	TOWN BEACH (COUNTRY POND)	0.388	ACRES	Primary Contact Recreation	Escherichia coli	3-PNS	N	2017	DELIST - Not supporting to insufficient information based on new assessment criteria.
NHLAK801010706-01	BOG POND, LITTLE, ODELL	37.000	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK801030302-01-01	ECHO LAKE, FRANCONIA	28.400	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK801030701-01	CONSTANCE LAKE, PIERMONT	9.000	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A - No recent data but long-term acid pond
NHLAK801040201-01	ARMINGTON LAKE,	142.200	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A
NHLAK801040201-01-02	CAMP WALT WHITMAN BEACH	1.380	ACRES	Aquatic Life	pH	4A-P	N	2017	DELIST to 4A
NHLAK801060105-01	COLE POND, ENFIELD	17.300	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A
NHLAK801060401-07	HALFMILE POND, ENFIELD	6.800	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A
NHLAK801060401-08-02	KOLEMOOK LAKE-TOWN BEACH	0.461	ACRES	Primary Contact Recreation	Escherichia coli	3-PNS	N	2017	DELIST - Not supporting to insufficient information based on new assessment criteria. Only one SSMC exceedance-all other data indicates FS.
NHLAK801060402-03	CHALK POND, NEWBURY	21.000	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK801060402-05-06	SUNAPEE LAKE-DEPOT BEACH	0.121	ACRES	Primary Contact Recreation	Escherichia coli	3-PNS	N	2013	DELIST - Not supporting to insufficient information based on new assessment criteria. 2001 data indicate one exceedance of the SSMC.
NHLAK801060402-06	DUTCHMAN POND, SPRINGFIELD	27.900	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHLAK801060402-08	LEDGE POND, SUNAPEE, CLS-A	110.100	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK801070203-01	Warren Lake, Alstead	200.000	ACRES	Aquatic Life	pH	2-OBS	N	2017	<p>DELIST - NHDES has in the past and continues to use an apparent color value of 30 cpu to separate naturally acidic lakes from acid lakes caused by man-made inputs. "Absent other sources that could significantly impact pH, low pH exceedances in waters with apparent color measurements greater than 30 cpu were considered to be due to natural sources such as natural tannic and humic acids in the water" (NHDES CALM, 2006).</p> <p>In the 2004 and previous assessments, only summer, epilimnetic or upper water sample results were used to assess pH and color for lakes (NHDES CALM, 2004). A new process for reviewing data was initiated for the 2006 assessments that allowed for all depths and all seasons to be assessed (the worst-case value for each sample date was used for the pH value; all depths and dates were used to obtain the color value).</p> <p>For the 2006 assessment for Warren Lake, only two color values were available (33 &amp; 34). These were collected during the summer of 2005 and were used to assess the lake as naturally acidic. Older data (1991-92 trophic survey) suggested that the color of the lake was less than 30 but this data was not used because of its age.</p>
NHLAK802010101-01	ASHUELOT POND, WASHINGTON	299.500	ACRES	Aquatic Life	pH	2-OBS	N	2017	<p>DELIST - NHDES has in the past and continues to use an apparent color value of 30 cpu to separate naturally acidic lakes from acid lakes caused by man-made inputs. "Absent other sources that could significantly impact pH, low pH exceedances in waters with apparent color measurements greater than 30 cpu were considered to be due to natural sources such as natural tannic and humic acids in the water" (NHDES CALM, 2006).</p> <p>In the 2004 and previous assessments, only summer, epilimnetic or upper water sample results were used to assess pH and color for lakes (NHDES CALM, 2004). A new process for reviewing data was initiated for the 2006 assessments that allowed for all depths and all seasons to be assessed (the worst-case value for each sample date was used for the pH value; all depths and dates were used to obtain the color value).</p> <p>For the 2006 assessment for Ashuelot Pond, 21 color values were available and they had an average value of 51.</p>
NHLAK802010101-04	LONG POND, LEMPSTER	120.000	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A
NHLAK802010101-06-01	MILLEN POND, WASHINGTON	156.000	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A
NHLAK802010101-08	SAND POND, MARLOW	159.100	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHLAK802010102-01	COLD SPRING POND, STODDARD	29.100	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK802010201-02	CENTER POND, NELSON	36.000	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK802010201-05	GRANITE LAKE, STODDARD	227.800	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A
NHLAK802010202-05	DUBLIN POND, DUBLIN	238.700	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK802010202-09	SILVER LAKE, HARRISVILLE	332.700	ACRES	Aquatic Life	pH	4A-P	N	2004	DELIST to 4A
NHLAK802010303-04	ROCKWOOD POND, FITZWILLIAM	76.000	ACRES	Aquatic Life	pH	4A-P	N	2006	3/29/2006, 5-P --> 4A-P. TMDL done. DELIST to 4A. Accidentally missed for the Draft 303(d) list.
NHLAK802010303-05-01	STONE POND, MARLBOROUGH	64.890	ACRES	Aquatic Life	pH	4A-M	N	2004	DELIST to 4A
NHLAK802020101-01	PECKER POND, RINDGE	38.300	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A
NHLAK802020101-01-02	CAMP TOAH NIPI BEACH	1.380	ACRES	Aquatic Life	pH	4A-P	N	2017	DELIST to 4A
NHLAK802020103-06	MONOMONAC, LAKE, STN A, RINDGE	705.100	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK802020103-06-02	CAMP MONOMONAC BEACH	1.380	ACRES	Aquatic Life	pH	4A-M	N	2017	DELIST to 4A
NHLAK802020202-02-01	LAUREL LAKE, FITZWILLIAM	155.000	ACRES	Aquatic Life	pH	4A-P	N	2006	DELIST to 4A
NHLAK802020202-02-03	CAMP FLEUR DE LIS BEACH	1.380	ACRES	Aquatic Life	pH	4A-P	N	2017	DELIST to 4A
NHLAK802020203-01	CASS POND, RICHMOND	48.400	ACRES	Aquatic Life	pH	4A-M	N	2006	DELIST to 4A
NHLAK802020203-01-02	CAMP TAKODAH BEACH	1.380	ACRES	Aquatic Life	pH	4A-M	N	2017	DELIST to 4A
NHRIV400010606-10	Androscoggin River, WTF	2.630	MILES	Primary Contact Recreation	Escherichia coli	4B-M	N	2016	DELIST to 4B - 2/3/04: AO issued on 7/16/1991 by DES (# WSPCD 91-16). City smoke tested system and identified and eliminated approximately 300 illicit connections. Need to resample. NH statutes (RSA 485-A:8,II) prohibit the discharge of untreated sewage to surface waters ("There shall be no discharge of sewage or wastes except those that have received adequate treatment to prevent the lowering of the biological, physical, chemical, or bacteriological characteristics nor shall such disposal of sewage or waste be inimical to aquatic life or to the maintenance of aquatic life in said receiving waters." In addition, NH has an excellent record of working with communities to eliminate illicit connections and, where necessary, issuing enforceable orders.  This is consistent with other AUs impacted by the same AO and work that were moved to 4B in 2004 with EPAs approval.
NHRIV600020304-10-02	SACO RIVER-SMITH EASTON REC. AREA #2	0.020	MILES	Primary Contact Recreation	Escherichia coli	2-G	N	2013	DELIST - Not support to fully support. No exceedances of any criteria were found after a review of the historical data set. This AU was listed inaccurately in the past.

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHRIV600030401-06	Churchill Brook	1.210	MILES	Aquatic Life	Benthic-Macro invertebrate Bioassessments (Streams)	2-M	N	2017	DELIST - For 2006 the benthic invertebrates IBI was revised to more accurately reflect conditions in New Hampshire. Consequently, the IBI based upon data for site 'NH HEX 35.01' (sampled 18-Sep-2002) now falls in the FS rather than NS categories.
NHRIV600030603-01	Cochecho River	5.120	MILES	Secondary Contact Recreation	Escherichia coli	2-G	N	2016	DELIST - This AU/DU combination was accidentally listed as impaired in 2002. Review of the old data indicated that only Primary Contact Recreation should have been listed in 2002. All data from the 2002 cycle and the current cycle indicate that the E. coli in the AU is FS for Secondary Contact Recreation.
NHRIV600030709-09	Lamprey River, PWS	1.180	MILES	Primary Contact Recreation	Escherichia coli	2-G	N	2016	DELIST - Mistaken original listing. The TMDL date set (2016) indicates that this impairment was initially posted in the 2002 assessment. Data from the 2002 assessment was from 07-LMP; 8/27/1998 = 30 cts/100mL, 6/23/1999 = 20 cts/100mL, & 8/3/1999 = 20 cts/100mL. Additional data used in the 2004 assessment was 07-LMP; 6/23/1999 = 20 cts/100mL, 8/3/1999 = 20 cts/100mL, 7/11/2003 = 140 cts/100mL, & 8/1/2003 = 20 cts/100mL. All historic and current E.coli data indicate FS.
NHRIV600030804-11	Little River	2.900	MILES	Primary Contact Recreation	Escherichia coli	3-PNS	N	2017	DELIST - In 2004 this was reported as NS-E.COLI 1999(Geomean 137 cts/100mL). However, all three samples for the geometric mean were from the same date (8/20/1999 at 01-LTE, 02-LTE, and 03-LTE). The previous and current CALM require that for geometric mean calculation, "...at least 2 of the samples are separated by a period of at least 1 day."
NHRIV600030904-06	Pickering Brook	4.270	MILES	Aquatic Life	Arsenic	3-ND	N	2016	DELIST - Data set from 1992 included sites that were not even on this AUID. Listing was based upon an average of the parameter including the sites on other waterbodies.
					Cadmium	3-ND	N	2016	DELIST - Data set from 1992 included sites that were not even on this AUID. Listing was based upon an average of the parameter including the sites on other waterbodies.
					Lead	3-ND	N	2016	DELIST - Data set from 1992 included sites that were not even on this AUID. Listing was based upon an average of the parameter including the sites on other waterbodies.
					Zinc	3-ND	N	2016	DELIST - Data set from 1992 included sites that were not even on this AUID. Listing was based upon an average of the parameter including the sites on other waterbodies.
NHRIV700010803-13	Pemigewasset River, W/CWF	10.150	MILES	Aquatic Life	Dissolved oxygen saturation	2-G	N	2016	3/01/2006, 5-M --> 2-G. DELIST - The data that was used to list this AU was for the tailrace of the Ayers Island Dam. The tailrace is AUID = NHRIV7000101801-23. The impairment has been moved to the correct AU.

Assessment Unit ID	Water Name	Water Size	Size Unit	Use Desc	Impairment Name	2006-DES Category	Threat	TMDL Schedule	Parameter Comments
NHRIV700030105-02	Otter Brook	4.850	MILES	Aquatic Life	pH	2-G	N	2016	DELIST - VLAP data from OTTGREI was used in the 2002 assessments to list this site. The exact location of data collected from that station (i.e. that station ID is being used in different years by different volunteers to represent different location) from year to year can not be determined and therefore deemed unreliable.
NHRIV700060502-05	Flat Meadow Brook	4.020	MILES	Aquatic Life	pH	3-ND	N	2017	DELIST for 2006 - In review of the older data it has been determined that the sampling and naming of tributaries to Northwood Lake along Rt4 is inconsistent to the extent that it is not possible to determine from the metadata provided where a given sample was collected.
NHRIV700060803-14-01	Merrimack River, PWS, W/CWF, Amoskeg Dam Bypass	0.360	MILES	Primary Contact Recreation	Escherichia coli	3-ND	N	2016	DELIST - This is the bypass reach of the Amoskeg dam. There is no reason that anyone would have sampled this reach for E.coli. There are no CSOs that discharge directly to this reach. There are no known illicit discharges to this reach. This was a Mis-List due to CSOs in nearby AUs.
NHRIV700060904-12	UNNAMED BROOK - FROM UNNAMED POND TO SOUHEGAN RIVER	0.370	MILES	Aquatic Life	Chloride	3-ND	N	2017	DELIST - This impairment has been corrected to AUID = NHRIV700060905-12
NHRIV700061001-09	Unnamed Brook to Pennichuck Brook (Boire Fields)	1.180	MILES	Primary Contact Recreation	Escherichia coli	3-PAS	N	2016	DELIST - Listing based upon data from; Biore Field Brook Subwatershed Project, 12/31/2001 NASHUA REGIONAL PLANNING COMMISSION, 115 MAIN ST, PO BOX 847, NASHUA NH 03061-0000 Dataset used for 2002 listing was too weak to list. E. coli at the sample sites were listed as >200 col/100mL therefore not in exceedance of the 406 cts/100mL Class B Standard. Follow-up work by DES-WAS has documented a large goose population throughout the watershed but insufficient information to list the AU. Several sites have been referred to the City of Nashua for follow-up work.
NHRIV802010202-23	Beaver Brook	4.380	MILES	Primary Contact Recreation	Escherichia coli	3-ND	N	2016	DELIST - There currently are, nor never have there ever been, any sampling stations on this AUID. This is a mis-listed AUID initiated in 2002 and carried forward since that time.
NHRIV802010303-18	South Branch Ashuelot River	0.640	MILES	Primary Contact Recreation	Escherichia coli	3-ND	N	2016	DELIST - The original data-set used to list this AUID in 2002 was from sampling station 08A-SBA (NHDES-WQPS). The correct AUID assignment for that station is NHRIV802010303-12.
NHRIV802010403-19	Ashuelot River	0.690	MILES	Primary Contact Recreation	Escherichia coli	2-M	N	2017	DELIST - The sample collected 08/14/2003 from 02-ASH violated the QAPP criteria and was not valid but accidentally used in the 2004 assessment.