



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 1
5 Post Office Square, Suite 100
Boston, MA 02109-3912

September 30, 2020

Mr. Tom O'Donovan, Director
Water Division
NH Department of Environmental Services
29 Hazen Drive; P.O. Box 95
Concord, NH 03302-0095

Dear Mr. O'Donovan,

Thank you for the final submission by the NH Department of Environmental Services (NHDES) of the Final Total Maximum Daily Load (TMDL) for Phosphorus for Locke Lake, Barnstead, NH. This TMDL submission addresses one impaired waterbody (with seven beach segments) in one HUC 10 watershed for impairment of the Aquatic Life Designated Use due to total phosphorus (TP), chlorophyll *a*, and pH; and impairment of the Primary Contact Recreation Designated Use due to cyanobacteria hepatotoxic microcystins.

The U.S. Environmental Protection Agency (EPA) hereby approves New Hampshire's Final Total Maximum Daily Load (TMDL) for Phosphorus for Locke Lake, Barnstead, NH submitted on September 28, 2020. This phosphorus TMDL is supported by the 24 Lake Phosphorus TMDLs which were approved by EPA on May 12, 2011. The 24 Lake Phosphorus TMDLs provide the modeling approach and template for additional lake phosphorus TMDLs in New Hampshire. EPA has determined that this TMDL meets the requirements of § 303(d) of the Clean Water Act (CWA) and of EPA's implementing regulations (40 CFR part 130). Attached is a copy of our approval documentation.

We commend your staff's efforts and involvement with our office to develop and finalize this TMDL. We believe the information, maps, data and references provided in this document and appendices combined with the 2011 Lake Phosphorus TMDL Documents will educate, motivate and assist stakeholders in tackling phosphorus impairments at the local level. My staff and I look forward to continued cooperation with the NHDES in exercising our shared responsibility of implementing the requirements under Section 303(d) of the CWA. Should you have any questions, please do not hesitate to call Toby Stover at (617) 918-1604.

Sincerely,

Ken Moraff, Director
Water Division

cc (electronic)

Ted Diers, NH DES
Gregg Comstock, NH DES
Peg Foss, NH DES
Dan Arsenault, EPA
Steve Winnett, EPA