

**Impacts of Proposed Elimination of Lake and River Water Quality Management & Monitoring at
New Hampshire Department of Environmental Services (NHDES)**

General Fund Staffing Analysis

When NHDES was created in 1987, six general-funded positions conducted lake and river water quality management and monitoring. Since then, the legislature created 5 new programs to meet the need for increased water quality monitoring and management, yet general funding staffing has only increased by three full time positions. The N.H. House budget for 2012-2013 would reduce the number of general funded positions in the watershed management bureau from eight to two.

Impact of Proposed Budget Reductions

If the budget adopted by the N.H. House budget were to become law, effective July 1, 2011 the following **5 water quality management and monitoring programs would cease in addition to other DES program reductions.**

Volunteer Lake & River Assessment Programs (VLAP RSA 487:31-33 & VRAP RSA 487:38-42)

- In recent years VLAP and VRAP have supported 215 groups with a total of 1,500 lake, river and stream stations being monitored and over 24,000 individual sample results generated annually. Over 700 volunteers participate in these programs representing over 4,300 hours of volunteer time annually. In 2010 the value of the volunteer time was \$86,000. Since 1985, volunteers have contributed over \$900,000 in in-kind services.
- Support for and coordination of volunteer monitors, who rely on DES to supply equipment, training, and reporting, would cease. Over 40% of the surface water quality assessments of lakes and rivers included in the EPA required 2010 303(b) surface water quality report were provided by VRAP and VLAP volunteers. These data contributed to the assessment of 2,024 miles of river and over 300 lakes.
- The elimination of the VLAP and VRAP programs would result in over \$75,000 of lost fees for the state water lab

Lakes & Rivers Management Programs (LMPP RSA 483-A & RMPP RSA 483)

- Protects human health and safety and economic benefit by being the only formal state mechanism for municipalities to collaborate on source water protection and hazard mitigation strategies. Supports local and state collaborations to provide sustainable, clean public drinking water supplies and a reduction in loss of life and property from inundation and erosion, and protects the economic values of the swimming, fishing, and boating uses of N.H.'s surface waters.
- State administrative and technical support for 20 designated rivers would be lost, including the 135 miles of new designated rivers, with unanimous municipal support by 19 communities, under consideration by the Legislature in 2011.
- State administrative and technical support for Local River Advisory Committees (LACs) and the 118 communities they represent would end. LAC volunteer time is estimated at \$200,000 per year.
- Lake Management Plans from the 32 existing Comprehensive Lake Inventories would not be accomplished.

Freshwater Beach Inspection Program (RSA 485-A:26 Safety Regulations)

- Inspections by DES at 158 public beaches would cease. In 2010, DES conducted 652 inspections and issued 58 beach closure advisories based on the presence of e-coli or other bacteria, and 12 cyanobacteria advisories.

Position Numbers & Titles (Eliminated in HB 1-A as amended)

Position	Title	Provides Support to General Public & Municipalities and:
40497	Executive Secretary	All Watershed Management Bureau programs
40143	Lakes Management & Protection Program Manager	Lakes Management Advisory Committee (LMAC) Lake Associations
18864	Rivers Management & Protection Program Manager	Rivers Management Advisory Committee (RMAC) Local River Advisory Committees (LACs)
42149	Principal Planner	LMPP and RMPP/LACs -LMAC and RMAC
41638	Volunteer River Assessment Program Coordinator	30 water quality monitoring groups and 200 volunteers
12073	Biologist	All Watershed Management Bureau monitoring programs

Rockingham County - DES Coordinated Lake and River Water Quality Management & Monitoring

Program	Number of Municipalities with activities coordinated by DES	Waterbodies
Lakes & Rivers Management Programs	23	Exeter, Lamprey, Little, North, Pawtuckaway, North Branch, Piscassic, & Squamscott Rivers. Powwow Pond, Pawtuckaway Lake, Mendums Pond, Harvey Lake, Northwood Lake, Massabesic Lake, Island Pond, Washington Pond, Arlington Mill Reservoir, Canobie Lake, Beaver Lake, Cobbetts Pond, & Long Pond
Volunteer Lakes & Rivers Monitoring Programs	27	Harvey Lake, Jenness Pond, Northwood Lake, Pleasant Lake, Pawtuckaway Lake, Onway Lake, Governors Lake, Powwow Pond, Great Pond, Country Pond, Phillips Pond, Showell Pond, Angle Pond, Big Island Pond, Beaver Lake, Captains Pond, Canobie Lake, Cobbetts Pond, Rock Pond, Harantis Lake, Cains Brook, Exeter River, Hodgson Brook, Lamprey River, Powwow River

The elimination of these programs would eliminate programmatic outreach and assistance provided to towns, citizens, businesses, private sector interests and other state agencies pertaining to the management and monitoring of our lakes and rivers. The implementation of all these programs directly or indirectly protects public health.

