

Vermont Department of Environmental Conservation  
Watershed Management Division, Lakes and Ponds Section  
**Environmental Scientist III position, Ref.# 29471, position #660308**  
**Pay Grade 22, Hourly Rate = \$18.52**  
***Posted January 5, 2012 --- Closes January 20, 2012***

This position will focus on lake water quality and aquatic invasive species outreach and monitoring. The incumbent will work with volunteer monitors, towns and associations to further the protection and management of Vermont's lakes.

Specifically, this position will coordinate Section volunteer monitoring programs. Currently the Section implements the following programs:

**The Lay Monitoring Program-**

The Lay Monitoring Program is a statewide, volunteer lake monitoring program. The program trains and equips volunteers to collect weekly lake samples during June, July and August. The monitors provide a boat for the lake sampling. All samples are picked up regularly for analysis done by the Lakes and Ponds Section. Currently, there are several monitoring initiatives under the Lay Monitoring Program that range from nutrient enrichment monitoring, temperature and dissolved oxygen sampling, to precipitation monitoring, as well as coordination with the lake assessment monitoring program. Managing all data and reporting results back to volunteers is essential for the success of this program.

[http://www.vtwaterquality.org/lakes/htm/lp\\_volunteer.htm](http://www.vtwaterquality.org/lakes/htm/lp_volunteer.htm)

**The Vermont Invasive Patrollers-**

The Vermont Invasive Patrollers (VIPs) monitor a local waterbody for new introductions of aquatic invasive species while also learning about native aquatic plants and animals and their habitats. Early detection of aquatic invasive species is vital to protecting Vermont's waterbodies from harmful non-native plants and animals. Many Lay Monitors are currently trained as VIPs, but just as many VIPs work independently and do not participate in both monitoring programs. Recruiting, motivating, and communicating with VIPs is essential for the success of this program.

[http://www.vtwaterquality.org/lakes/htm/ans/lp\\_VIP.htm](http://www.vtwaterquality.org/lakes/htm/ans/lp_VIP.htm)

This position also will

**•Improve the outreach communications (developing materials for the web, etc.) for general lake protection**

- Analyze water quality data and invasive species trends on "volunteer monitored" lakes
- Coordinate with the Aquatic Invasive Species Program
- Assist in Section Monitoring
- Contribute to the Watershed Management Division's newsletter, "Out of the Blue"
- Assist with Project WET (Water Education for Teachers)
- Interact with regional groups on lake protection (e.g. The New England Chapter of the North American Lake Management Society, the Federation of Vermont Lakes and Ponds)

For more information, contact Ann Bove at 802-338-4822, or Amy Picotte at 802-338-4816

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