

Lake Rescue Association #26  
Summary of Data Results – 2008  
1/24/09

**Purpose and Scope of Project:** Identify potential sources of sedimentation into Lake Rescue by sampling 6 input streams into the lake for total phosphorus, TSS, and turbidity. The samples are generally taken during significant rain events and within 2 hours of the start of significant rainfall.

Site Locations

- LRA03 Black River free flowing from Echo Lake
- LRA04 Patch Brook - rock/boulder stream discharge just before Black River with varied flow
- LRA05 Tiny Pond Stream - Rock/boulder stream discharge just before Black River with varied flow
- LRA06 Unnamed Stream from hill side west of VT100, sample just before entry into cove S. of Carpenter's point, rock and gravel, at times very low flow
- LRA07 Unnamed stream from hill side east of Lake Rescue running parallel to E. Lake Rd and crossing under Ellsion Lake Rd., sample point just before entry into lake, rock and gravel, varied flow
- LRA08 Unnamed stream crossing under E. Lake Rd and running parallel to Gutner property line, rock sand and gravel, varied flow at times very low flow

**2008 Sampling Events**

Sampling was performed on 4/23/08, 7/24/08 and 10/26/08. WSI performed the October sampling after a 1.8 inch rain event.

**Analysis Observation**

Streams on the west side of the lake (LRA04, LRA05, LRA06) as well as the Black River upstream (LRA03) showed moderate test value increases during the rain events.

Streams on the east side of the lake (LRA07, LRA08) showed significant increased test values during rain events.