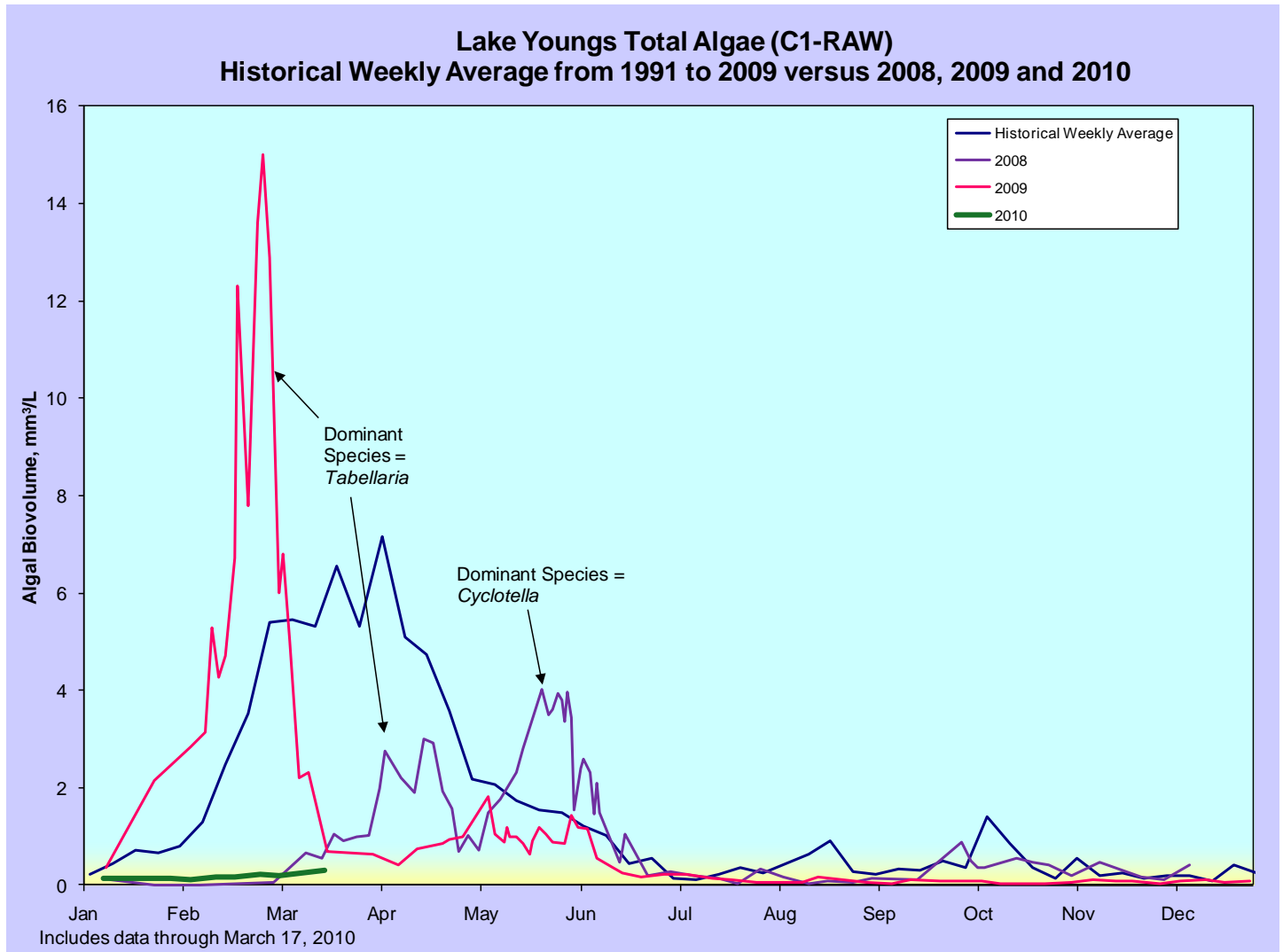


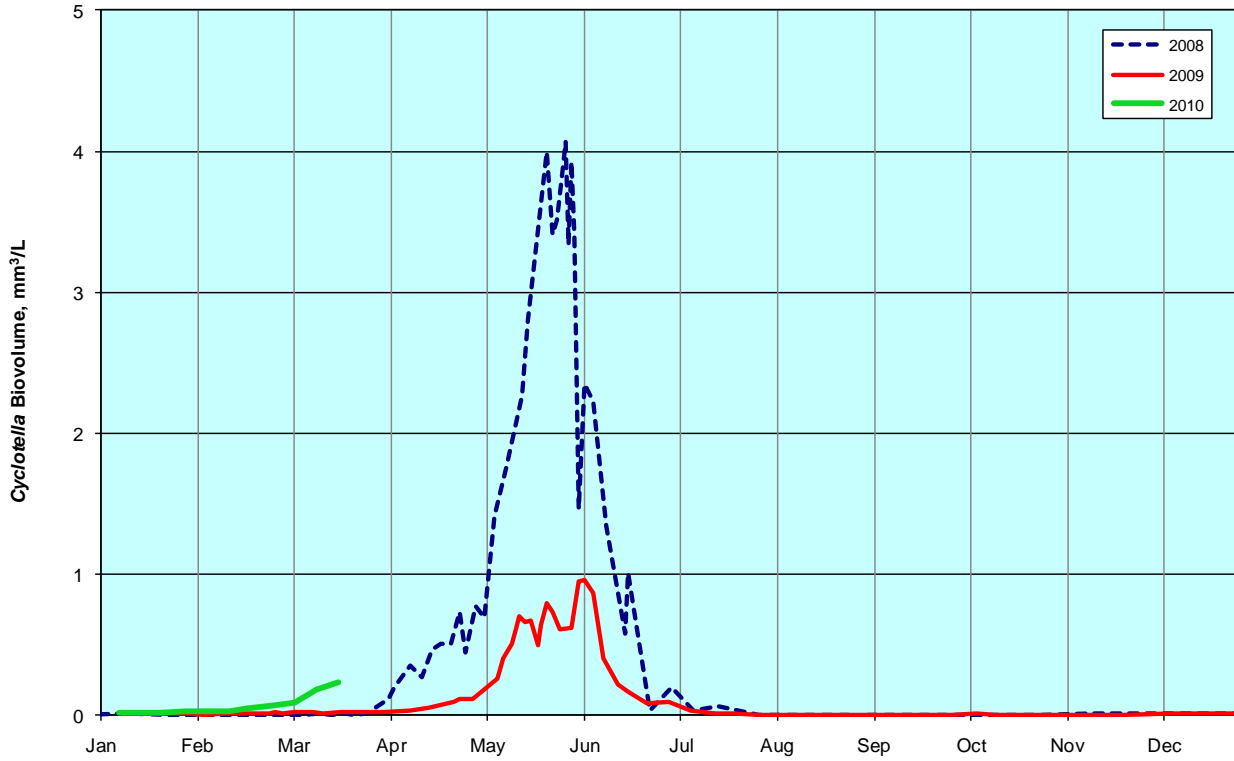
Lake Youngs total algal biovolume increased slightly this week, to a current level of 0.30 mm³/L. The *Cyclotella* biovolume also increased slightly, and remains the dominant species. *Cyclotella* is 75% of the total biovolume, *Tabellaria* is roughly 19% of the biovolume, and the other 5% represents six other species.

The Cedar treatment plant submitted a sample from off a screen this week. The majority of the material on the screen was zooplankton, along with typical Lake Youngs algae. There did not appear to be clumping of microfilaments occurring. Although we do not have counts yet this week, it appears the zooplankton numbers are fairly high.

Overall, current water quality in the lake is very good. No change in water temperature or coliform levels since last week.



Lake Youngs Outlet *Cyclotella* Biovolume 2008 versus 2009 and 2010



Includes data through March 17, 2010

Lake Youngs Algae Biovolume 2010

