



"Ecologically managing tomorrow's environment today"

Methods 2008 Year End Report of Eston Wilson Lake

Job: S03047

GPS: N41°29'5.89" W75°43'56.92"

Permit: NE-35-04-08

Biological Survey

Physicochemical Parameters

Disolved Oxygen

Disolved oxygen (DO) is a key indicator of lake health. A minimum DO concentration of 2 milligrams per liter (mg/l) is usually required to support most fish. The oxygen is produced during daylight by algae and respired by plants and animals. DO is often low or nonexistent at lakes with hypolimnetic anoxia and can result in fish kills, especially in small ponds with high oxygen demand.

Prepared For:

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Temperature

Temperature is important to regulate biological activity. Plants and animals in the water provides a medium for greater biological productivity. It also not only affects the rate of the ecosystem, but also the productivity of the ecosystem, the oxygen content of the water, and the pH.

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