

Water Quality Assessment
Summit Lake, Philmont

April 22, 2012
2:30 p.m.

Air temperature: 8° C

Water temperature: 15°C

Weather: Cloudy, just starting to rain

Wind: SSE wind 13 mph

Water appearance: Good range of Turbidity; slight odor

Algae or Weed growth: Water milfoil

Dissolved Oxygen: 6 ppm

D/O Saturation: 63%

PH: 4 ppm (acidic)

Nitrates: 3 ppm

Phosphates: 2 ppm

Chloride: n/a

Turbidity: 20 JTU's

Coliform: Positive

Previous Weather: Clear, Dry, no precipitation, low humidity