

Water Quality Assessment
Summit Lake, Philmont

October 6, 2012
8:30 a.m.

Air temperature: 19° C

Water temperature: 16°C

Weather: Sunny, some clouds, crisp, moderate breeze

Water appearance: Fairly Clear

Algae or Weed growth: Water milfoil, some algae, water chestnuts have died back since it is the end of growing season (note: seeds sink to the bottom where they can remain viable for 12+ years)

Dissolved Oxygen: 6 ppm

D/O Saturation: 60%

PH: 7 ppm

Nitrates: zero ppm

Phosphates: 2 ppm

Chloride: 4 ppm

Turbidity: 20 JTU's

Coliform: Positive

Previous Weather: Rainfall previous evening, and past couple of days