

GEI Consultants Golden Algae Screen

Prepared: December 13, 2025

Prepared By: GreenWater Laboratories/Andrew Chapman

<u>Sample ID</u>	<u>Site</u>	<u>Collected</u>
CL 10	Canyon Lake	10 December 2025
CL 08	Canyon Lake	10 December 2025

Method

One mL aliquots of live samples were transferred to Utermöhl Counting Chambers. Samples were scanned for the presence of Golden Algae (*Prymnesium parvum*) using a Nikon Eclipse Ti-2 Inverted Microscope equipped with phase contrast optics and epifluorescence. Additional one mL aliquots were lightly preserved with Lugol's Iodine solution, allowed to settle and 50 random fields were counted at 600X to estimate *P. parvum* densities.

CL 10

Estimated cell density of *Prymnesium parvum* (Fig. 1) was 4,356 cells/mL.

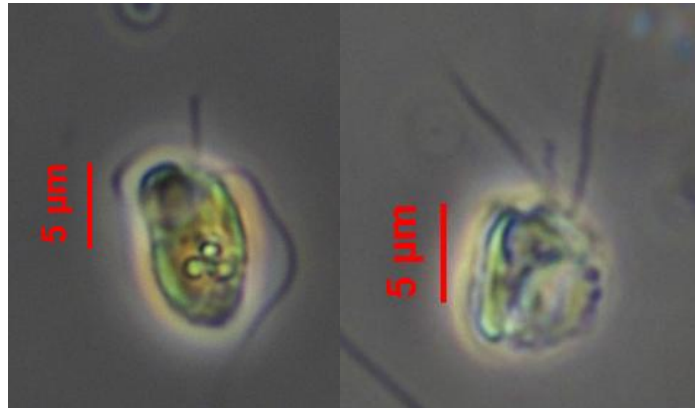


Fig. 1 *Prymnesium parvum* 600X Live (l), Lugol's Preserved (r)

CL 08

No viable *Prymnesium parvum* was observed.

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The results in this report relate only to the samples listed above.

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