

GEI Consultants Golden Algae Screen

Prepared: February 11th, 2026

Prepared By: GreenWater Laboratories/Madison Clark

<u>Sample ID</u>	<u>Site</u>	<u>Collected</u>
CL 10-GA	Canyon Lake	10 February 2026
CL 09-GA	Canyon Lake	10 February 2026
CL 08-GA	Canyon Lake	10 February 2026
CL 07-GA	Canyon Lake	10 February 2026

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 400X or 200X to estimate *P. parvum* densities.

CL 10-GA

Estimated cell density of *Prymnesium parvum* (Fig. 1) was 16,035 cells/mL.

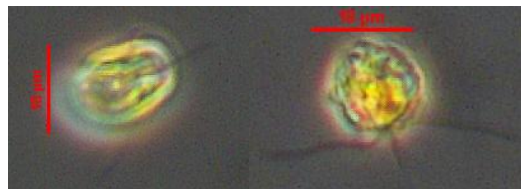


Fig. 1 *Prymnesium parvum* 400X Live (l), Lugol's Preserved (r)

CL 9-GA

Estimated cell density of *Prymnesium parvum* (Fig. 2) was 13,090 cells/mL.

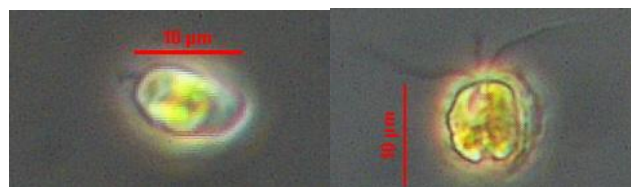


Fig. 2 *Prymnesium parvum* 400X Live (l), Lugol's Preserved (r)

CL 08-GA

No *Prymnesium parvum* observed.

CL 07-GA

No *Prymnesium parvum* observed.

Submitted by:

Andrew D. Chapman

Date:

February 11, 2026

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

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