

GEI Consultants Golden Algae Screen

Prepared: January 29, 2026

Prepared By: GreenWater Laboratories/Andrew Chapman

<u>Sample ID</u>	<u>Site</u>	<u>Collected</u>
CL 10-GA	Canyon Lake	28 January 2025
CL 09-GA	Canyon Lake	28 January 2025
CL 08-GA	Canyon Lake	28 January 2025
CL 07-GA	Canyon Lake	28 January 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 or 200X to estimate *P. parvum* densities.

CL 10-GA

Estimated cell density of *Prymnesium parvum* (Fig. 1) was 13,069 cells/mL.

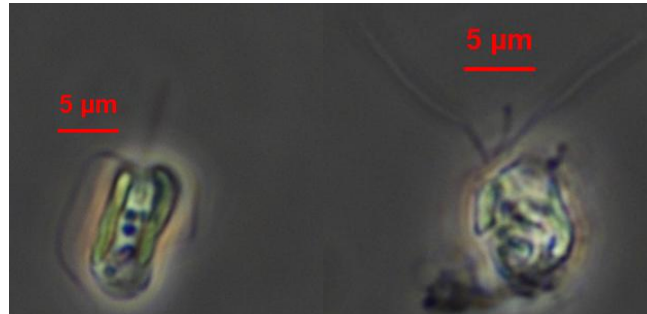


Fig. 1 *Prymnesium parvum* 600X Live (l), Lugol's Preserved (r)

CL 9-GA

Estimated cell density of *Prymnesium parvum* (Fig. 2) was 9,383 cells/mL.

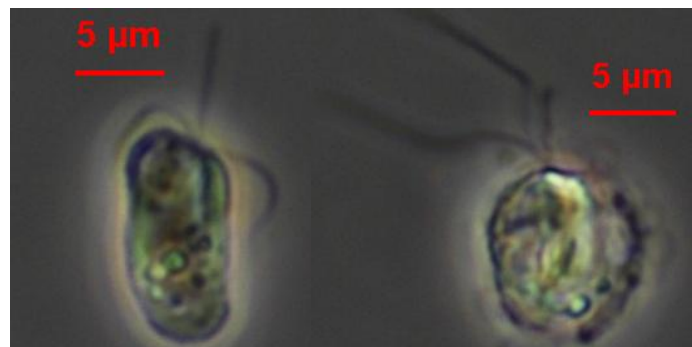


Fig. 2 *Prymnesium parvum* 600X Live (l), Lugol's Preserved (r)

CL 08-GA

No *Prymnesium parvum* was observed.

CL 07-GA

No *Prymnesium parvum* was observed.

Submitted by:



Date: January 29, 2025

Andrew D. Chapman

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

This report shall not be reproduced except in full without written approval of the laboratory.