

GEI Consultants Golden Algae Screen

Prepared: October 10, 2025

Prepared By: GreenWater Laboratories/Andrew Chapman

<u>Sample ID</u>	<u>Site</u>	<u>Collected</u>
CL-10	Canyon Lake	7 October 2025

Method

A one mL aliquot of live CL-10 sample was transferred to an Utermöhl Counting Chamber. Sample was scanned for the presence of Golden Algae (*Prymnidium parvum*) using a Nikon Eclipse Ti-2 Inverted Microscope equipped with phase contrast optics and epifluorescence. A second one mL aliquot was lightly preserved with Lugol's Iodine solution, allowed to settle and 50 random fields were observed at 600X to estimate *P. parvum* densities.

CL-10

Estimated cell density of *Prymnidium parvum* (Fig. 1) was 4,021 cells/mL.

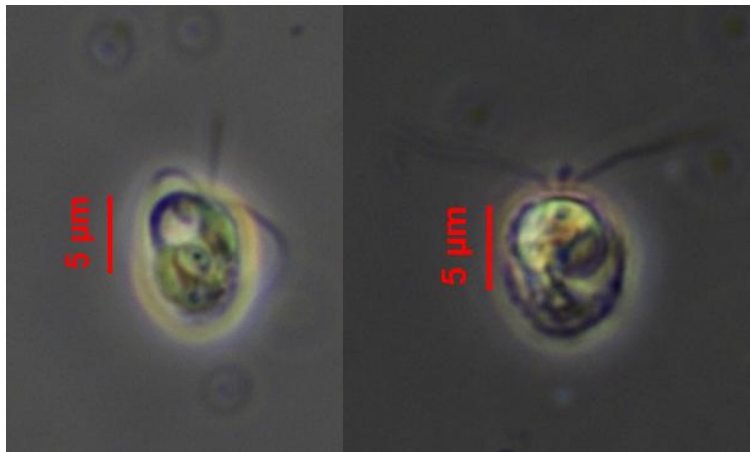


Fig. 1 *Prymnidium parvum* 600X Live (l), Lugol's Preserved (r)

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

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