

GEI Consultants Golden Algae Screen

Prepared: November 10, 2025

Prepared By: GreenWater Laboratories/Andrew Chapman

<u>Sample ID</u>	<u>Site</u>	<u>Collected</u>
CL-10-48hr	Canyon Lake	5 November 2025
Holiday Harbor-48hr	Canyon Lake	5 November 2025
CL-10-96hr	Canyon Lake	7 November 2025
Holiday Harbor-96hr	Canyon Lake	7 November 2025

Method

One mL aliquots of live samples were transferred to Utermöhl Counting Chambers. Samples were scanned for the presence of Golden Algae (*Prymnidium 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-10-48hr

No viable *Prymnidium parvum* (Fig. 1) was observed.

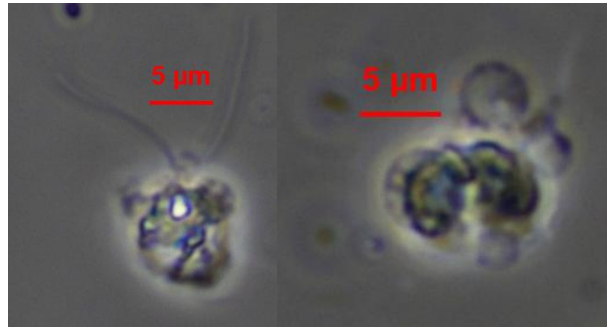


Fig. 1 *Prymnidium parvum* 600X Live (l), Lugol's Preserved (r)

Holiday Harbor-48hr

No viable *Prymnidium parvum* (Fig. 2) was observed.

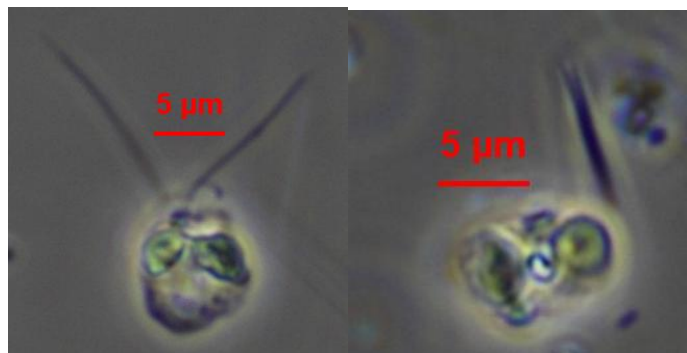


Fig. 2 *Prymnidium parvum* 600X Live (l), Lugol's Preserved (r)

CL-10-96hr

No viable *Prymnesium parvum* (Fig. 3) was observed.

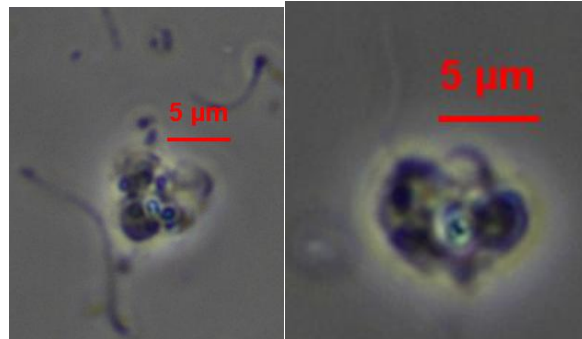


Fig. 3 *Prymnesium parvum* 600X Live (l), Lugol's Preserved (r)

Holiday Harbor-96hr

No viable *Prymnesium parvum* (Fig. 4) was observed.

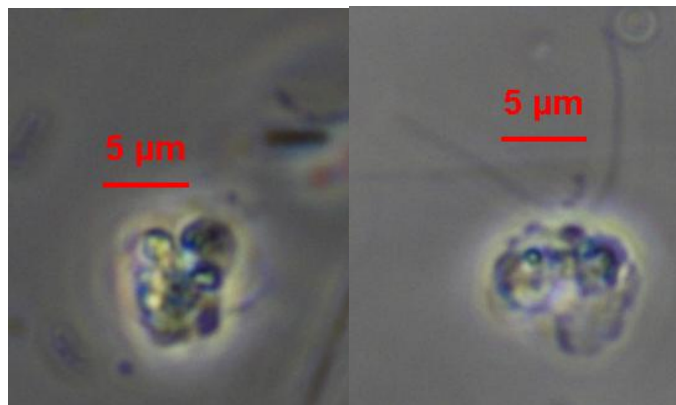


Fig. 4 *Prymnesium parvum* 600X Live (l), Lugol's Preserved (r)

Submitted by:

Andrew D. Chapman

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