



CERTIFICATE OF ANALYSIS

Client Name : ██████████			
Project ID : Phytoplankton		Date : 10/31/2022	
Job ID : 1063377	Sample Matrix : Liquid	Date Collected : 10/25/2022	
Sample Name : ██████████	Test Name : Phytoplankton	Date Received : 10/25/2022	
SysSampleCode : 1063377-01	Method : SM 10200F-2011	Date Analyzed : 10/26/2022	
Sample Location :		Analyst : DMaldonado	
Instrument ID : Scope 1	Objective Lens: 10	Type of Count : Strip	
Initial Volume (ml) : 2.5	Optical Lens : 10	Number Counted : 4	
Final Volume (ml) : 10	Whipple Grid Width (mm) : 1	Whipple Measured (mm) : 1	
Dilution Factor : 4	Whipple Grid Area (mm ²) : 1	Multiplication Factor : 5	

Remark : This sample was diluted using a four fold dilution. Counts for Nitzschia, Synedra, Gloeocystis, Scenedesmus, Tribonema, Merismopedia, and Raphidiopsis were lower this week. Counts for Zygnema were higher this week.

Identified Organisms	Strip				Total Organisms Counted	Density Cells/ml
	1	2	3	4		
Cyclotella	23	33	16	13	85	1700
Navicula		1			1	20
Nitzschia	6	15	9	8	38	760
Synedra	1	6	6	4	17	340
Ankistrodesmus	7	1		3	11	220
Gloeocystis	11	12	12	10	45	900
Scenedesmus	7	18	4	2	31	620
Spirogyra			4	2	6	120
Tribonema	5				5	100
Zygnema		8			8	160
Cylindrospermopsis	1				1	20
Eucapsis		4		4	8	160
Gomphosphaeria		2			2	40
Merismopedia	4	4	4	8	20	400
Raphidiopsis		1			1	20
Misc./Unidentified	2	5	5	8	20	400
Total Organisms Counted					299	
Total Organisms per ml per Site					5980	