

Name: Kennex Lam

Date: 8/29/19

\* Photometer died and batteries have not been changed.

Hood	
Average Light Intensity ( $\mu\text{mol}/\text{m}^2/\text{s}$ ): Average Temperature ( $^{\circ}\text{C}$ ): 26.3	
Symbiodinium Microadriaticum	ASP-8A  Average # of cells per square = $415/5 = 83$  Concentration of cells per mL = $83(10^4) = 830,000$
	F/2  Average # of cells per square = $38/5 = 7.6$  Concentration of cells per mL = $7.6(10^4) = 76,000$
Oxyrrhis Marina	F/2  Average # of cells per square = $54/5 = 10.8$  Concentration of cells per mL = $10.8(10^4) = 108,000$
	Filtered SW  Average # of cells per square = $54/5 = 10.8$  Concentration of cells per mL = $10.8(10^4) = 108,000$

Window
Time: 12:54 pm Average Light Intensity ( $\mu\text{mol}/\text{m}^2/\text{s}$ ): Average Temperature ( $^{\circ}\text{C}$ ): 21.2

Symbiodinium Microadriaticum	ASP-8A Average # of cells per square = $385/5 = 77$ Concentration of cells per mL = $77(10^4) = 770,000$
	F/2 Average # of cells per square = $12/5 = 2.4$ Concentration of cells per mL = $2.4(10^4) = 24,000$
Oxyrrhis Marina	F/2 Average # of cells per square = $19/5 = 3.8$ Concentration of cells per mL = $3.8(10^4) = 38,000$
	Filtered SW Average # of cells per square = $10/5 = 2$ Concentration of cells per mL = $2(10^4) = 20,000$