

Name: Kennex Lam

Date: 8/22/19

Hood				
Average Light Intensity ($\mu\text{mol}/\text{m}^2/\text{s}$): 87.42 Average Temperature ($^{\circ}\text{C}$): 23.9				
Symbiodinium Microadriaticum <ul style="list-style-type: none">The lights are still not properly and were still on during the light cycle. I turned off the lights at 9 am and will leave them off until tomorrow.	ASP-8A			
	Average # of cells per square = $92/5 = 18.4$ Concentration of cells per mL = $18.4(10^4) = 184,000$			
	F/2			
	Average # of cells per square = $20/5 = 4$ Concentration of cells per mL = $4(10^4) = 40,000$			
Oxyrrhis Marina <ul style="list-style-type: none">Half were staggering while the other half were no moving.	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 = $11/5 = 2.2$ Concentration of cells per mL = $2.2(10^4) = 22,000$			

	Time (s)	Temperature ($^{\circ}\text{C}$)	Scalar PAR ($\mu\text{mol}/\text{m}^2/\text{s}$)	White
		Run 1	Run 1	Run 1
1	0.000	23.9	87.53	65535
2	10.000	23.9	87.67	65535
3	20.000	23.9	86.77	65535
4	30.000	23.9	86.74	65535
5	40.000	23.9	88.10	65535
6	50.000	23.9	87.83	65535
7	60.000	23.9	87.30	65535
8				
9				

Y1

Temperature ($^{\circ}\text{C}$)

Run 1

Y1

Y2

Y3

Y2

Scalar PAR ($\mu\text{mol}/\text{m}^2/\text{s}$)

Run 1

Y1

Y2

Y3

Window

Time: 10:52 am
Average Light Intensity ($\mu\text{mol}/\text{m}^2/\text{s}$): 69.93
Average Temperature ($^{\circ}\text{C}$): 22.3

Symbiodinium Microadriaticum

- $\frac{1}{3}$ were moving.

ASP-8A

Average # of cells per square = $110/5 = 22$

Concentration of cells per mL = $22(10^4) = 220,000$

F/2

Average # of cells per square = $40/5 = 8$
Concentration of cells per mL = $8(10^4) = 80,000$

Oxyrrhis Marina

- Majority were moving.

F/2

Average # of cells per square = $16/5 = 3.2$

Concentration of cells per mL = $3.2(10^4) = 32,000$

Filtered SW

Average # of cells per square = $9/5 = 1.8$

Concentration of cells per mL = $1.8(10^4) = 18,000$

Time (s)

Scalar PAR ($\mu\text{mol}/\text{m}^2/\text{s}$)

White

Temperature ($^{\circ}\text{C}$)

Run 1

Run 1

Run 1

1	0.000	71.26	26399	22.2
2	10.000	71.46	26558	22.3
3	20.000	71.03	26406	22.2
4	30.000	70.50	26274	22.3
5	40.000	69.44	26378	22.2
6	50.000	68.35	26114	22.3
7	60.000	67.49	25835	22.3
8				
9				

Y1

Y2

White

Y1

Y2

White