

**2007 Gulf Island Pond Water Quality Study  
Beginning and End of Day Meter Verifications and Calibrations**

*Week 1: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	6/4/2007	14:05	7.6	23.7	y
YSI 85	6/4/2007	14:05	7.3	23.6	y
YSI 55	6/4/2007	14:05	7.5	23.7	y
Lab Thermometer	6/4/2007	14:05		23.5	

*Week 2: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	6/11/2007	9:45	8.3	15.4	y
YSI 85	6/11/2007	9:45	8.2	15.4	y
YSI 55	6/11/2007	9:45	8.4	15.2	y
Lab Thermometer	6/11/2007	9:45		15.5	

*Week 3: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	6/18/2007	16:00	7.2	27.4	y
YSI 85	6/18/2007	16:00	7.4	27.3	y
YSI 55	6/18/2007	16:00	7.3	27.3	y
Lab Thermometer	6/18/2007	16:00		27.5	

*Week 4: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	6/25/2007	15:40	7.4	17.0	y
YSI 51B	6/25/2007	15:40	7.2	17.0	y
YSI 55	6/25/2007	15:40	7.2	16.8	y
Lab Thermometer	6/25/2007	15:40		17.0	

*Week 5: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	7/2/2007	5:30	7.8	20.0	y
YSI 51B	7/2/2007	5:30	7.6	20.0	y
YSI 55	7/2/2007	5:30	ERROR	ERROR	ERROR
Lab Thermometer	7/2/2007				

*Week 6: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	7/9/2007	16:40	9.3	18.2	y
YSI 51B	7/9/2007	16:40	9.1	18.0	y
YSI 55	7/9/2007	16:40	ERROR	18.0	y
Lab Thermometer	7/9/2007	16:40		18.0	

YSI 55 sal. Set to 30ppm instead of 0ppm, reason for error

*Week 7: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	7/16/2007	13:10	7.5	18.9	y
YSI 51B	7/16/2007	13:10	7.6	18.8	y
YSI 55	7/16/2007	13:10	7.5	18.8	y
Lab Thermometer	7/16/2007	13:10		18.8	

*Week 8: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	7/23/2007	15:15	7.5	23.8	y
YSI 51B	7/23/2007	15:15	7.6	23.8	y
YSI 55	7/23/2007	15:15	7.4	23.7	y

*Week 1: After Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	6/6/2007	9:55	7.8	14.7	n
YSI 85	6/6/2007	9:55	7.5	14.7	n
YSI 55	6/6/2007	9:55	7.8	14.6	n
Lab Thermometer	6/6/2007	9:55		14.5	

*Week 2: After Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	6/13/2007	8:30	8.8	18.6	y
YSI 85	6/13/2007	8:30	8.8	18.5	y
YSI 55	6/13/2007	8:30	8.6	18.5	y
Lab Thermometer	6/13/2007	8:30		18.5	

*Week 3: After Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	6/19/2007	17:15	7.6	16.8	n
YSI 85	6/19/2007	17:15	7.6	16.9	n
YSI 55	turned off	turned off	turned off	turned off	n
Lab Thermometer	6/19/2007	17:15		17.0	

*Week 4: After Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	6/26/2007	17:15	9.1	21.3	n
YSI 51B	6/26/2007	17:15	8.9	21.5	n
YSI 55	6/26/2007	17:15	9.0	20.7	n
Lab Thermometer	6/26/2007	17:15		21.5	

*Week 5: After Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	7/2/2007	16:45	7.4	17.7	n
YSI 51B	7/2/2007	16:45	7.3	17.5	n
YSI 55	7/2/2007	ERROR	ERROR	ERROR	ERROR
Lab Thermometer	7/2/2007	16:45		17.5	

Meter malfunction; s

*Week 6: After Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	7/10/2007	17:50	7.4	18.5	n
YSI 51B	7/10/2007	17:50	7.4	18.5	n
YSI 55	7/10/2007	17:50	7.4	18.6	n
Lab Thermometer	7/10/2007	17:50		18.5	

*Week 7: After Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	7/17/2007	17:30	8.5	23.0	n
YSI 51B	7/17/2007	17:30	8.6	23.0	n
YSI 55	7/17/2007	17:30	8.7	23.0	n
Lab Thermometer	7/17/2007	17:30		23.0	

*Week 8: After Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	7/24/2007	18:45	7.3	18.8	n
YSI 51B	7/24/2007	18:45	7.4	19.0	n
YSI 55	7/24/2007	18:45	7.4	19.0	n

<b>Lab Thermometer</b>	7/23/2007	15:15		23.9	
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*Week 9: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	7/30/2007	13:45	7.3	27.2	Y
YSI 51B	7/30/2007	13:45	7.0	27.0	Y
YSI 55	7/30/2007	13:45	7.1	27.0	Y
<b>Lab Thermometer</b>	7/30/2007	13:45		27.0	

*Week 10: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	8/6/2007	15:15	7.0	22.9	y
YSI 51B	8/6/2007	15:15	7.0	22.8	y
YSI 55	8/6/2007	15:15	6.9	22.7	y
<b>Lab Thermometer</b>	8/6/2007	15:15		22.8	

*Week 11: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	8/13/2007	14:30	8.4	22.8	y
YSI 51B	8/13/2007	14:30	8.5	22.8	y
YSI 55	8/13/2007	14:30	8.4	22.7	y
<b>Lab Thermometer</b>	8/13/2007	14:30		22.9	

*Week 12: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	8/20/2007	15:05	9.5	18.5	y
YSI 51B	8/20/2007	15:05	9.3	18.7	y
YSI 55	8/20/2007	15:05	9.2	18.6	y
<b>Lab Thermometer</b>	8/20/2007	15:05		18.5	

*Week 13: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	8/27/2007	14:15	8.3	23.9	y
YSI 51B	8/27/2007	14:15	8.3	23.7	y
YSI 55	8/27/2007	14:15	8.1	23.7	y
<b>Lab Thermometer</b>	8/27/2007	14:15		23.9	

*Week 14: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	9/3/2007	16:20	7.3	19.1	y
YSI 51B	9/3/2007	16:20	7.1	19.2	y
YSI 55	9/3/2007	16:20	7.1	19.2	y
<b>Lab Thermometer</b>	9/3/2007	16:20		19.1	

*Week 15: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	9/10/2007	15:10	7.8	20.2	y
YSI 51B	9/10/2007	15:10	ERROR	20.1	alt.malfunction
YSI 55	9/10/2007	15:10	7.6	20.1	y
<b>Lab Thermometer</b>	9/10/2007	15:10		20.1	

*Week 16: Before Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	9/17/2007	16:00	7.1	18.1	y
YSI 51B	9/17/2007	16:00	7.0	18.2	y
YSI 55	9/17/2007	16:00	7.0	18.1	y
<b>Lab Thermometer</b>	9/17/2007	16:00		18.1	

<b>Lab Thermometer</b>	7/24/2007	18:45		19.0	
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*Week 9: After Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	7/31/2007	18:00	7.6	26.1	n
YSI 51B	7/31/2007	18:00	7.6	26.1	n-alt. adjusted
YSI 55	7/31/2007	18:00	7.8	26.0	n
<b>Lab Thermometer</b>	7/31/2007	18:00		26.0	

*Week 10: After Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	8/7/2007	17:15	6.8	22.0	n
YSI 51B	8/7/2007	17:15	6.6	22.0	n
YSI 55	8/7/2007	17:15	6.6	21.8	n
<b>Lab Thermometer</b>	8/7/2007	17:15		22.0	

*Week 11: After Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	8/14/2007	18:00	8.6	21.7	n
YSI 51B	8/14/2007	18:00	ERROR	22.1	altitude malfunction
YSI 55	8/14/2007	18:00	8.6	21.6	n
<b>Lab Thermometer</b>	8/14/2007	18:00		21.8	

*Week 12: After Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	8/21/2007	17:10	8.3	20.3	n
YSI 51B	8/21/2007	17:10	8.3	20.3	n
YSI 55	8/21/2007	17:10	8.6	20.1	n
<b>Lab Thermometer</b>	8/21/2007	17:10		20.2	

*Week 13: After Sampling Event*

Model	Date	Time	DO (mg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	8/28/2007	15:25	7.2	20.4	n
YSI 51B	8/28/2007	15:25	7.2	20.5	n
YSI 55	8/28/2007	15:25	7.2	20.4	n
<b>Lab Thermometer</b>	8/28/2007	15:25		20.5	

*Week 14: After Sampling Event*

Model	Date	Time	DOmg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	9/4/2007	17:00	8.5	19.6	n
YSI 51B	9/4/2007	17:00	8.6	19.8	y
YSI 55	9/4/2007	17:00	8.8	19.6	n
<b>Lab Thermometer</b>	9/4/2007	17:00		19.8	

*Week 15: After Sampling Event*

Model	Date	Time	DOmg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	9/11/2007	16:45	9.0	18.4	n
YSI 51B	9/11/2007	16:45	ERROR	18.5	altitude malfunction
YSI 55	9/11/2007	16:45	8.9	18.4	n
<b>Lab Thermometer</b>	9/11/2007	16:45		18.5	

*Week 16: After Sampling Event*

Model	Date	Time	DOmg/L)	Temp.(°C)	Meter Calibrated
YSI 550A	9/18/2007	17:30	9.7	16.9	n
YSI 51B	9/18/2007	17:30	ERROR	16.8	alt.malfunction
YSI 55	9/18/2007	17:30	9.7	16.7	n
<b>Lab Thermometer</b>	9/18/2007	17:30		16.8	

*Week 17: Before Sampling Event*

<b>Model</b>	<b>Date</b>	<b>Time</b>	<b>DO (mg/L)</b>	<b>Temp.(°C)</b>	<b>Meter Calibrated</b>
YSI 550A	9/24/2007	15:20	7.0	18.4	y
YSI 51B	9/24/2007	15:20	ERROR	18.5	alt.malfunction
YSI 55	9/24/2007	15:20	7.2	18.5	y-2x
Lab Thermometer	9/24/2007	15:20		18.5	

*Week 18: After Sampling Event*

<b>Model</b>	<b>Date</b>	<b>Time</b>	<b>DOmg/L)</b>	<b>Temp.(°C)</b>	<b>Meter Calibrated</b>
YSI 550A	9/25/2007	17:25	8.7	19.6	n
YSI 51B	9/25/2007	17:25	ERROR	ERROR	alt.malfunction
YSI 55	9/25/2007	17:25	8.5	19.5	n
Lab Thermometer	9/25/2007	17:25		19.5	

ent for repair



