

# A

## APPENDIX A

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**Kentuck Lake 2015-2016 Water Quality Data**



Date	Total Phosphorus (µg/L)		SRP (µg/L)		Total Iron (mg/L)		Ammonia Nitrogen (µg/L)		Nitrate + Nitrite Nitrogen (µg/L)		Chlorophyll- <i>a</i> (µg/L)
	Near-Surface (3 ft)	Near-Bottom (37 ft)	Near-Surface (3 ft)	Near-Bottom (37 ft)	Near-Surface (3 ft)	Near-Bottom (37 ft)	Near-Surface (3 ft)	Near-Bottom (37 ft)	Near-Surface (3 ft)	Near-Bottom (37 ft)	Near-Surface (3 ft)
4/29/2015	22.5	46.9	1.8	ND	ND	0.172	ND	7.5	ND	ND	5.11
5/5/2015	25.5	73.3	ND	2.7	ND	0.302	ND	24.1	ND	ND	3.90
5/20/2015	23.0	26.9	2.1	2.5	ND	ND	ND	7.5	ND	ND	4.35
6/2/2015	22.4	64.0	ND	4.7	ND	1.050	ND	141.0	ND	ND	3.04
6/16/2015	28.2	313.0	ND	85.2	ND	5.330	ND	924.0	ND	20.8	12.80
6/29/2015	35.3	660.0	ND	176.0	0.110	8.340	ND	1790.0	ND	ND	38.00
7/16/2015	54.2	412.0	ND	230.0	0.218	3.930	ND	971.0	ND	ND	17.90
7/30/2015	77.3	408.0	ND	217.0	0.281	4.300	16.0	1080.0	ND	ND	91.80
8/12/2015	51.7	382.0	ND	87.5	0.253	6.070	123.0	1540.0	ND	ND	26.10
8/27/2015	61.7	70.2	7.2	8.0	0.221	0.378	70.8	267.0	ND	ND	45.70
9/9/2015	51.2	458.0	6.0	222.0	0.199	5.920	ND	2860.0	ND	ND	36.00
9/23/2015	57.9	59.8	2.6	3.6	0.285	0.294	ND	118.0	ND	ND	46.70
10/6/2015	55.2	56.3	2.4	2.9	0.203	0.186	32.6	26.0	ND	ND	33.00
10/14/2015	57.6	46.9	2.4	2.0	0.173	0.166	ND	7.5	ND	ND	34.20

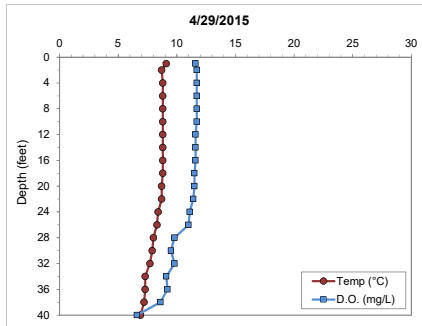
Date	Total Phosphorus (µg/L)		SRP (µg/L)		Total Iron (mg/L)		Ammonia Nitrogen (µg/L)		Nitrate + Nitrite Nitrogen (µg/L)		Chlorophyll- <i>a</i> (µg/L)
	Near-Surface (3 ft)	Near-Bottom (37 ft)	Near-Surface (3 ft)	Near-Bottom (37 ft)	Near-Surface (3 ft)	Near-Bottom (37 ft)	Near-Surface (3 ft)	Near-Bottom (37 ft)	Near-Surface (3 ft)	Near-Bottom (37 ft)	Near-Surface (3 ft)
5/2/2016	34.2	713.0	ND	166.00	ND	11.300	56.40	2710.0	ND	ND	5.56
5/18/2016	29.0	66.3	2.10	3.90	ND	0.364	ND	179.0	ND	ND	4.02
5/31/2016	24.0	173.0	1.80	23.30	ND	1.510	ND	484.0	ND	ND	5.14
6/8/2016	30.2	229.0	ND	91.80	0.141	2.460	ND	679.0	ND	ND	2.03
6/14/2016	35.0	522.0	2.10	241.00	0.135	5.800	ND	1500.0	ND	ND	2.33
6/28/2016	40.2	725.0	2.90	201.00	0.158	7.600	ND	1880.0	ND	ND	13.50
7/11/2016	47.1	799.0	ND	2.20	0.251	8.840	16.00	1980.0	ND	ND	26.80
7/26/2016	42.5	1010.0	ND	69.00	0.158	12.700	16.60	2590.0	ND	ND	43.30
8/8/2016	66.4	1420.0	ND	172.00	0.296	16.600	21.70	3930.0	ND	ND	94.20
8/22/2016	61.3	1070.0	3.50	15.90	0.505	14.200	234.00	3740.0	90.1	171.0	21.60
9/7/2016	51.1	58.0	ND	ND	0.166	0.395	64.90	286.0	ND	ND	28.80
9/21/2016	63.7	48.5	5.30	6.90	0.144	0.247	56.90	254.0	ND	ND	25.60
10/3/2016	39.0	58.3	6.30	6.10	0.109	0.219	17.00	70.8	ND	ND	32.10
10/18/2016	30.8	38.0	4.00	3.40	ND	ND	121.00	137.0	ND	ND	12.00

**Site 1 (Deep Hole): Sampling Event #1**

Date:	4/29/2015
Time (24 hr):	9:30
Collector(s):	BTB, KB, TC
Secchi Depth (ft):	6.6

Max Depth at Site (ft):	40.9
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	20.0
Near-Bottom Sample Depth (ft):	38.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	9.1	11.6
2	8.7	11.7
4	8.8	11.7
6	8.8	11.7
8	8.8	11.7
10	8.8	11.7
12	8.8	11.6
14	8.8	11.6
16	8.8	11.6
18	8.8	11.5
20	8.7	11.5
22	8.7	11.4
24	8.4	11.1
26	8.3	11.0
28	8.0	9.8
30	7.9	9.5
32	7.7	9.8
34	7.3	9.1
36	7.3	9.2
38	7.2	8.6
40	6.9	6.6

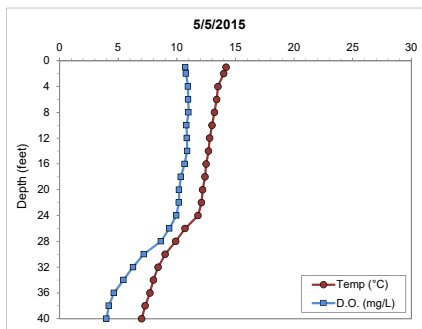


**Site 1 (Deep Hole): Sampling Event #2**

Date:	5/5/2015
Time (24 hr):	9:38
Collector(s):	TC, KB
Secchi Depth (ft):	8.8

Max Depth at Site (ft):	40.7
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	20.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	14.2	10.7
2	14.0	10.8
4	13.5	11.0
6	13.4	11.0
8	13.2	11.0
10	13.0	10.8
12	12.8	10.9
14	12.7	10.9
16	12.5	10.7
18	12.4	10.3
20	12.2	10.2
22	12.1	10.2
24	11.8	10.0
26	10.7	9.4
28	9.9	8.6
30	9.0	7.2
32	8.4	6.3
34	8.0	5.5
36	7.7	4.6
38	7.3	4.2
40	7.0	4.0

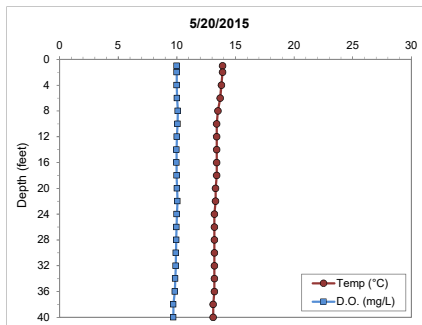


**Site 1 (Deep Hole): Sampling Event #3**

Date:	5/20/2015
Time (24 hr):	11:18am
Collector(s):	TC, KB
Secchi Depth (ft):	10.2

Max Depth at Site (ft):	40.0
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	20.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	13.9	10.0
2	13.9	10.0
4	13.8	10.0
6	13.7	10.0
8	13.5	10.1
10	13.4	10.1
12	13.4	10.0
14	13.4	10.0
16	13.4	10.0
18	13.4	10.0
20	13.3	10.0
22	13.3	10.1
24	13.2	10.0
26	13.2	10.0
28	13.2	10.0
30	13.2	9.9
32	13.2	9.9
34	13.2	9.9
36	13.2	9.8
38	13.1	9.7
40	13.1	9.7

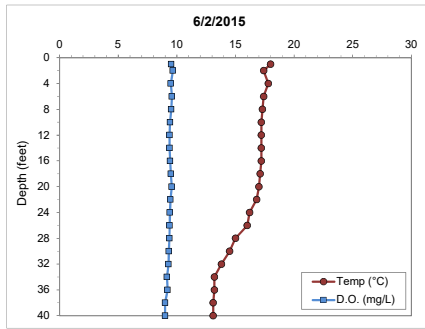


**Site 1 (Deep Hole): Sampling Event #4**

Date:	6/2/2015
Time (24 hr):	11:22
Collector(s):	KB,JB
Secchi Depth (ft):	9.6

Max Depth at Site (ft):	40.2
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	20.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	18.0	9.5
2	17.4	9.7
4	17.8	9.5
6	17.4	9.6
8	17.3	9.5
10	17.2	9.4
12	17.2	9.4
14	17.2	9.4
16	17.2	9.4
18	17.1	9.5
20	17.0	9.6
22	16.8	9.5
24	16.2	9.4
26	16.0	9.4
28	15.0	9.4
30	14.5	9.3
32	13.8	9.3
34	13.2	9.2
36	13.2	9.2
38	13.1	9.0
40	13.1	9.0

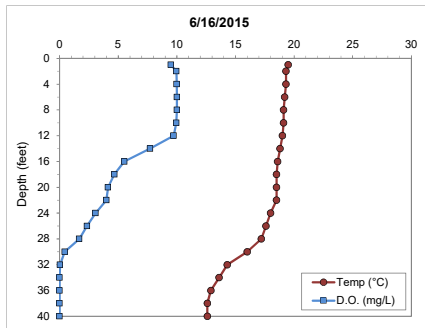


**Site 1 (Deep Hole): Sampling Event #5**

Date:	6/16/2015
Time (24 hr):	10:09
Collector(s):	TC,KB
Secchi Depth (ft):	5.7

Max Depth at Site (ft):	40.2
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	28.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	19.5	9.5
2	19.3	10.0
4	19.3	10.0
6	19.2	10.0
8	19.1	10.0
10	19.1	10.0
12	19.0	9.7
14	18.8	7.7
16	18.6	5.5
18	18.5	4.7
20	18.5	4.1
22	18.5	4.0
24	18.0	3.1
26	17.6	2.3
28	17.2	1.7
30	16.0	0.4
32	14.3	0.0
34	13.6	0.0
36	12.9	0.0
38	12.6	0.0
40	12.6	0.0

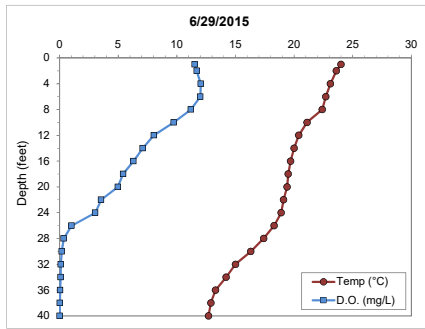


**Site 1 (Deep Hole): Sampling Event #6**

Date:	6/29/2015
Time (24 hr):	10:11
Collector(s):	TC,JC,CP,KB
Secchi Depth (ft):	2.8

Max Depth at Site (ft):	40.4
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	26.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	24.0	11.5
2	23.6	11.7
4	23.1	12.0
6	22.7	12.0
8	22.4	11.2
10	21.1	9.7
12	20.4	8.0
14	20.0	7.1
16	19.7	6.3
18	19.5	5.4
20	19.4	5.0
22	19.1	3.6
24	18.9	3.0
26	18.3	1.0
28	17.4	0.4
30	16.3	0.2
32	15.0	0.1
34	14.2	0.1
36	13.3	0.1
38	12.9	0.0
40	12.7	0.0

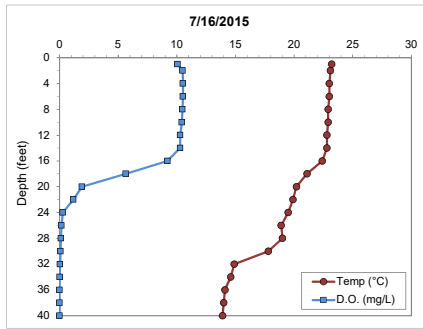


**Site 1 (Deep Hole): Sampling Event #7**

Date:	7/16/2015
Time (24 hr):	10:20
Collector(s):	KB,CP
Secchi Depth (ft):	2.3

Max Depth at Site (ft):	40.1
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	21.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	23.2	10.1
2	23.1	10.5
4	23.0	10.5
6	23.0	10.5
8	22.9	10.5
10	22.9	10.4
12	22.8	10.3
14	22.8	10.3
16	22.4	9.2
18	21.1	5.7
20	20.2	1.9
22	19.9	1.2
24	19.5	0.3
26	18.9	0.2
28	19.0	0.1
30	17.8	0.1
32	14.9	0.0
34	14.6	0.0
36	14.1	0.0
38	14.0	0.0
40	13.9	0.0

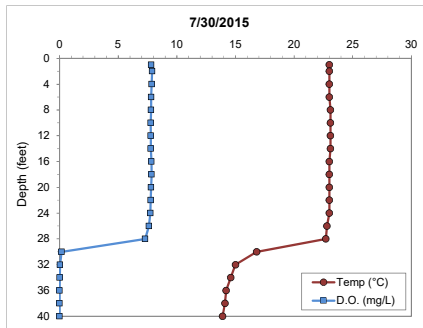


**Site 1 (Deep Hole): Sampling Event #8**

Date:	7/30/2015
Time (24 hr):	9:45
Collector(s):	JL,CP
Secchi Depth (ft):	2.1

Max Depth at Site (ft):	35.0
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	30.0
Near-Bottom Sample Depth (ft):	35.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	23.0	7.8
2	23.0	7.9
4	23.0	7.9
6	23.0	7.8
8	23.1	7.8
10	23.1	7.8
12	23.1	7.8
14	23.1	7.8
16	23.0	7.8
18	23.0	7.8
20	23.0	7.8
22	23.0	7.8
24	23.0	7.7
26	22.8	7.6
28	22.7	7.3
30	16.8	0.2
32	15.0	0.0
34	14.6	0.0
36	14.2	0.0
38	14.1	0.0
40	13.9	0.0

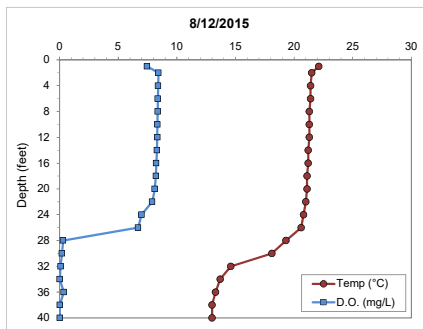


**Site 1 (Deep Hole): Sampling Event #9**

Date:	8/12/2015
Time (24 hr):	11:00
Collector(s):	CP,JL
Secchi Depth (ft):	3.3

Max Depth at Site (ft):	39.0
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	31.0
Near-Bottom Sample Depth (ft):	36.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	22.1	7.5
2	21.5	8.4
4	21.4	8.4
6	21.4	8.4
8	21.3	8.4
10	21.3	8.3
12	21.3	8.3
14	21.2	8.3
16	21.2	8.2
18	21.1	8.2
20	21.1	8.1
22	21.0	7.9
24	20.8	7.0
26	20.6	6.7
28	19.3	0.3
30	18.1	0.2
32	14.6	0.1
34	13.7	0.0
36	13.3	0.4
38	13.0	0.0
40	13.0	0.0

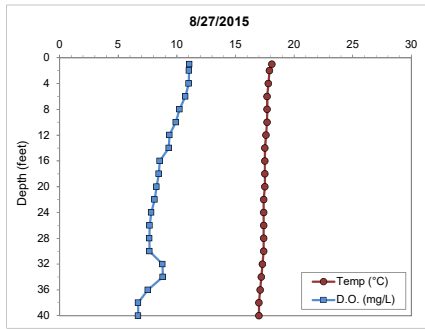


**Site 1 (Deep Hole): Sampling Event #10**

Date:	8/27/2015
Time (24 hr):	10:20
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.2

Max Depth at Site (ft):	39.4
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	20.0
Near-Bottom Sample Depth (ft):	36.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	18.1	11.1
2	17.9	11.0
4	17.8	11.0
6	17.7	10.7
8	17.7	10.2
10	17.7	9.9
12	17.6	9.4
14	17.5	9.3
16	17.5	8.5
18	17.5	8.5
20	17.5	8.3
22	17.4	8.1
24	17.4	7.8
26	17.4	7.7
28	17.4	7.7
30	17.4	7.7
32	17.3	8.8
34	17.2	8.8
36	17.1	7.5
38	17.0	6.7
40	17.0	6.7

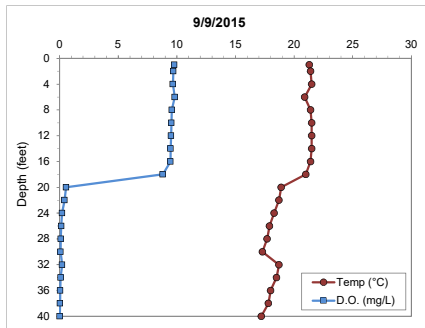


**Site 1 (Deep Hole): Sampling Event #11**

Date:	9/9/2015
Time (24 hr):	9:10
Collector(s):	KB,JB,MP
Secchi Depth (ft):	4.0

Max Depth at Site (ft):	40.0
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	19.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	21.3	9.8
2	21.4	9.7
4	21.5	9.7
6	20.9	9.8
8	21.4	9.6
10	21.5	9.5
12	21.5	9.5
14	21.5	9.5
16	21.4	9.5
18	21.0	8.8
20	18.9	0.6
22	18.7	0.4
24	18.3	0.2
26	17.9	0.1
28	17.7	0.1
30	17.3	0.1
32	18.7	0.2
34	18.5	0.1
36	18.0	0.1
38	17.8	0.0
40	17.2	0.0

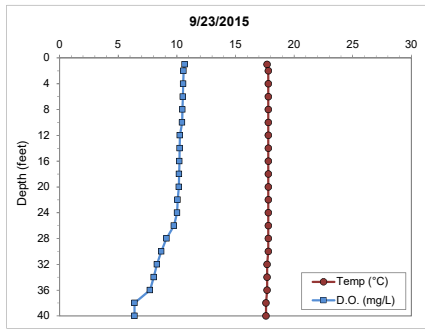


**Site 1 (Deep Hole): Sampling Event #12**

Date:	9/23/2015
Time (24 hr):	10:40
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.2

Max Depth at Site (ft):	39.9
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	20.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	17.7	10.7
2	17.8	10.6
4	17.8	10.5
6	17.8	10.5
8	17.8	10.5
10	17.8	10.5
12	17.8	10.3
14	17.8	10.2
16	17.8	10.2
18	17.8	10.2
20	17.8	10.2
22	17.8	10.1
24	17.8	10.0
26	17.8	9.8
28	17.8	9.1
30	17.8	8.7
32	17.7	8.3
34	17.7	8.0
36	17.7	7.7
38	17.6	6.4
40	17.6	6.4

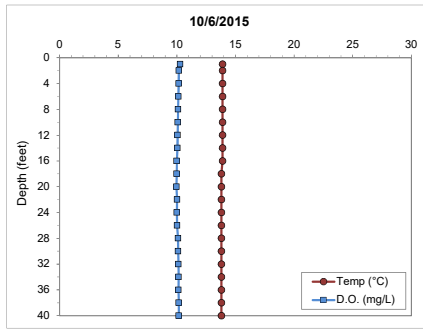


**Site 1 (Deep Hole): Sampling Event #13**

Date:	10/6/2015
Time (24 hr):	10:10
Collector(s):	KB,TC,MP
Secchi Depth (ft):	5.3

Max Depth at Site (ft):	39.4
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	20.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	13.9	10.3
2	13.9	10.2
4	13.9	10.2
6	13.9	10.1
8	13.9	10.1
10	13.9	10.1
12	13.9	10.1
14	13.9	10.1
16	13.9	10.0
18	13.8	10.0
20	13.8	10.0
22	13.8	10.0
24	13.8	10.0
26	13.8	10.0
28	13.8	10.1
30	13.8	10.1
32	13.8	10.1
34	13.8	10.2
36	13.8	10.1
38	13.8	10.2
40	13.8	10.2

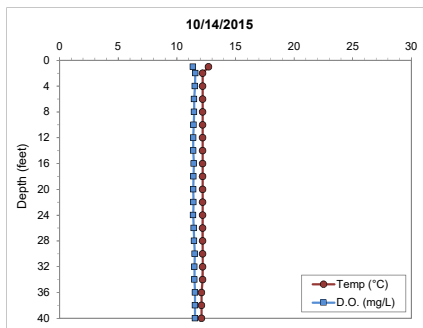


**Site 1 (Deep Hole): Sampling Event #14**

Date:	10/14/2015
Time (24 hr):	11:06
Collector(s):	KB,JB,MP
Secchi Depth (ft):	4.0

Max Depth at Site (ft):	39.8
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	20.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	12.7	11.4
2	12.2	11.6
4	12.2	11.5
6	12.2	11.5
8	12.2	11.5
10	12.2	11.4
12	12.2	11.4
14	12.2	11.4
16	12.2	11.5
18	12.2	11.4
20	12.2	11.4
22	12.2	11.4
24	12.2	11.4
26	12.2	11.4
28	12.2	11.5
30	12.2	11.5
32	12.2	11.5
34	12.2	11.5
36	12.1	11.6
38	12.1	11.6
40	12.1	11.6



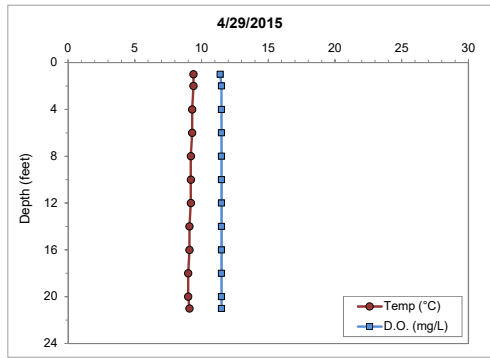


**Site 2: Sampling Event #1**

Date:	4/29/2015
Time (24 hr):	10:21
Collector(s):	BTB, KB, TC
Secchi Depth (ft):	6.5

Max Depth at Site (ft):	23.1
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	20.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	9.4	11.4
2	9.4	11.5
4	9.3	11.5
6	9.3	11.5
8	9.2	11.5
10	9.2	11.5
12	9.2	11.5
14	9.1	11.5
16	9.1	11.5
18	9.0	11.5
20	9.0	11.5
21	9.1	11.5

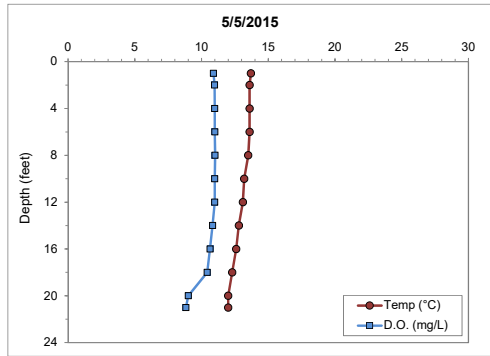


**Site 2: Sampling Event #2**

Date:	5/5/2015
Time (24 hr):	10:06
Collector(s):	TC, KB
Secchi Depth (ft):	7.6

Max Depth at Site (ft):	21.6
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	18.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	13.7	10.9
2	13.6	11.0
4	13.6	11.0
6	13.6	11.0
8	13.5	11.0
10	13.2	11.0
12	13.1	11.0
14	12.8	10.8
16	12.6	10.6
18	12.3	10.4
20	12.0	9.0
21	12.0	8.8

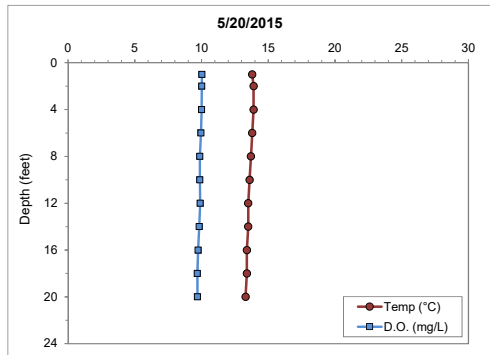


**Site 2: Sampling Event #3**

Date:	5/20/2015
Time (24 hr):	11:50am
Collector(s):	TC, KB
Secchi Depth (ft):	8.6

Max Depth at Site (ft):	16.9
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	13.0
Near-Bottom Sample Depth (ft):	13.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	13.8	10.0
2	13.9	10.0
4	13.9	10.0
6	13.8	10.0
8	13.7	9.9
10	13.6	9.9
12	13.5	9.9
14	13.5	9.8
16	13.4	9.8
18	13.4	9.7
20	13.3	9.7
21		

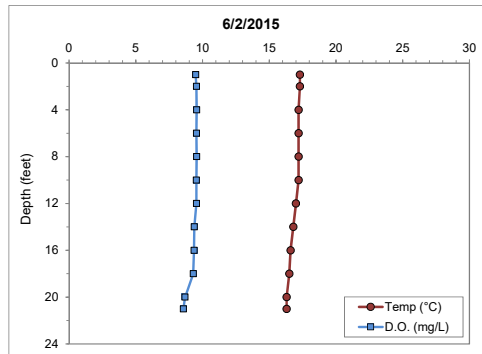


**Site 2: Sampling Event #4**

Date:	6/2/2015
Time (24 hr):	12:18
Collector(s):	KB,JB
Secchi Depth (ft):	8.8

Max Depth at Site (ft):	22.4
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	19.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	17.3	9.5
2	17.3	9.6
4	17.2	9.6
6	17.2	9.6
8	17.2	9.6
10	17.2	9.5
12	17.0	9.6
14	16.8	9.4
16	16.6	9.4
18	16.5	9.3
20	16.3	8.7
21	16.3	8.6

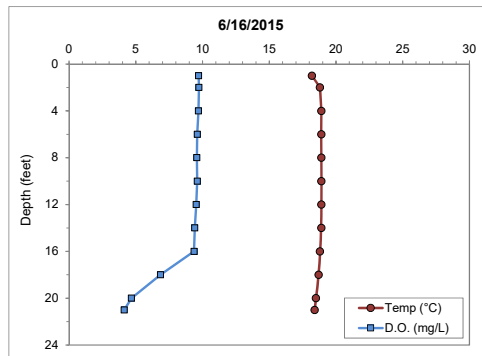


**Site 2: Sampling Event #5**

Date:	6/16/2015
Time (24 hr):	10:36
Collector(s):	TC,KB
Secchi Depth (ft):	6.0

Max Depth at Site (ft):	22.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	19.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	18.2	9.7
2	18.8	9.7
4	18.9	9.7
6	18.9	9.6
8	18.9	9.6
10	18.9	9.6
12	18.9	9.5
14	18.9	9.4
16	18.8	9.4
18	18.7	6.9
20	18.5	4.7
21	18.4	4.1

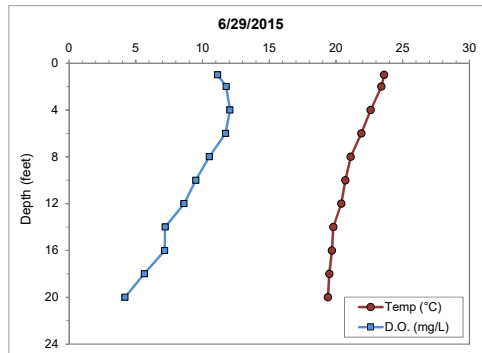


**Site 2: Sampling Event #6**

Date:	6/29/2015
Time (24 hr):	10:50
Collector(s):	KB,JL,CP,TC
Secchi Depth (ft):	2.5

Max Depth at Site (ft):	20.8
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	18.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	23.6	11.1
2	23.4	11.8
4	22.6	12.1
6	21.9	11.7
8	21.1	10.5
10	20.7	9.5
12	20.4	8.6
14	19.8	7.2
16	19.7	7.2
18	19.5	5.6
20	19.4	4.2
21		

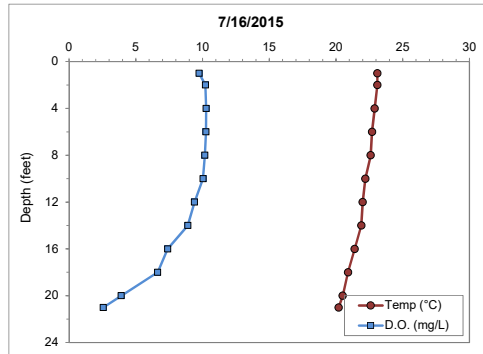


**Site 2: Sampling Event #7**

Date:	7/16/2015
Time (24 hr):	10:50
Collector(s):	KB,CP
Secchi Depth (ft):	2.5

Max Depth at Site (ft):	22.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	19.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	23.1	9.7
2	23.1	10.2
4	22.9	10.3
6	22.7	10.3
8	22.6	10.2
10	22.2	10.0
12	22.0	9.4
14	21.9	8.9
16	21.4	7.4
18	20.9	6.6
20	20.5	3.9
21	20.2	2.6

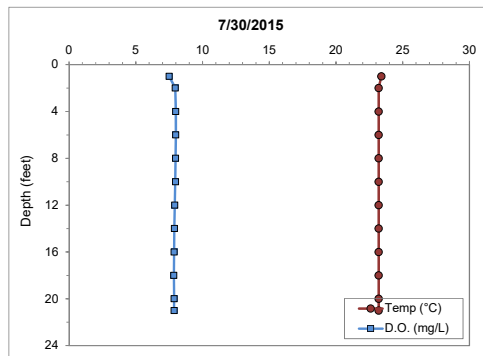


**Site 2: Sampling Event #8**

Date:	7/30/2015
Time (24 hr):	10:20
Collector(s):	CP,JL
Secchi Depth (ft):	2.0

Max Depth at Site (ft):	21.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	19.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	23.4	7.5
2	23.2	8.0
4	23.2	8.0
6	23.2	8.0
8	23.2	8.0
10	23.2	8.0
12	23.2	7.9
14	23.2	7.9
16	23.2	7.9
18	23.2	7.9
20	23.2	7.9
21	23.2	7.9

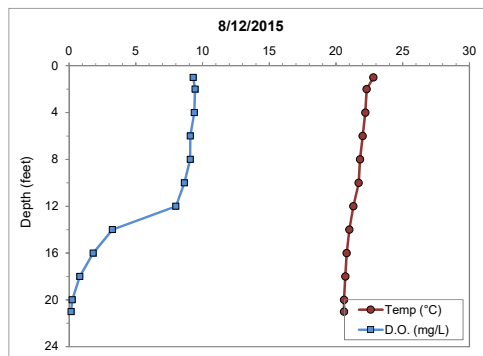


**Site 2: Sampling Event #9**

Date:	8/12/2015
Time (24 hr):	12:05
Collector(s):	CP,JL
Secchi Depth (ft):	3.5

Max Depth at Site (ft):	22.6
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	19.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	22.8	9.3
2	22.3	9.4
4	22.2	9.4
6	22.0	9.1
8	21.8	9.1
10	21.7	8.6
12	21.3	8.0
14	21.0	3.3
16	20.8	1.8
18	20.7	0.8
20	20.6	0.2
21	20.6	0.2

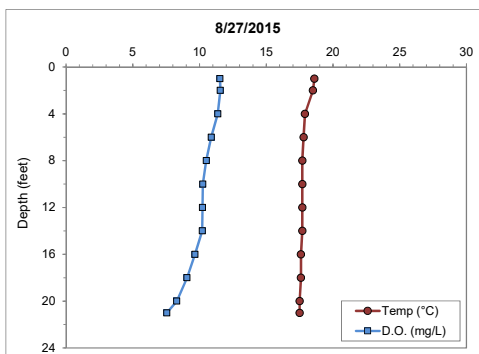


**Site 2: Sampling Event #10**

Date:	8/27/2015
Time (24 hr):	10:57
Collector(s):	KB,JB,MP
Secchi Depth (ft):	2.5

Max Depth at Site (ft):	21.5
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	18.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	18.6	11.5
2	18.5	11.6
4	17.9	11.4
6	17.8	10.9
8	17.7	10.5
10	17.7	10.3
12	17.7	10.2
14	17.7	10.2
16	17.6	9.7
18	17.6	9.1
20	17.5	8.3
21	17.5	7.6

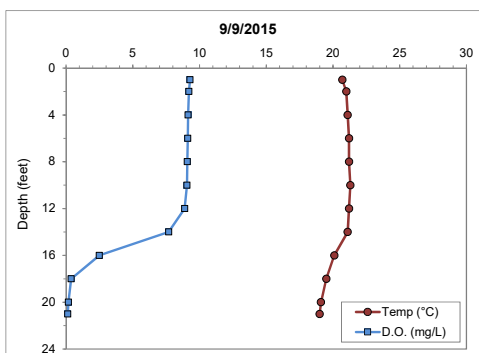


**Site 2: Sampling Event #11**

Date:	9/9/2015
Time (24 hr):	9:55
Collector(s):	KB,JB,MP
Secchi Depth (ft):	4.7

Max Depth at Site (ft):	21.9
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	19.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	20.7	9.3
2	21.0	9.2
4	21.1	9.2
6	21.2	9.1
8	21.2	9.1
10	21.3	9.1
12	21.2	8.9
14	21.1	7.7
16	20.1	2.5
18	19.5	0.4
20	19.1	0.2
21	19.0	0.1

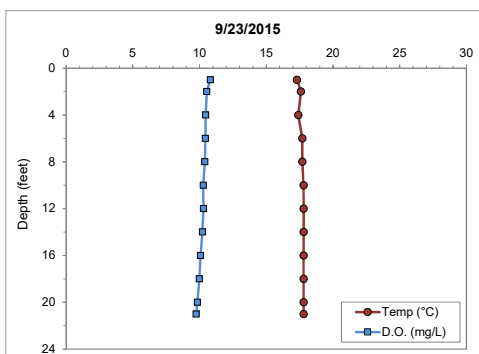


**Site 2: Sampling Event #12**

Date:	9/23/2015
Time (24 hr):	11:09
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.7

Max Depth at Site (ft):	21.6
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	18.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	17.3	10.8
2	17.6	10.6
4	17.4	10.5
6	17.7	10.4
8	17.7	10.4
10	17.8	10.3
12	17.8	10.3
14	17.8	10.2
16	17.8	10.1
18	17.8	10.0
20	17.8	9.8
21	17.8	9.7

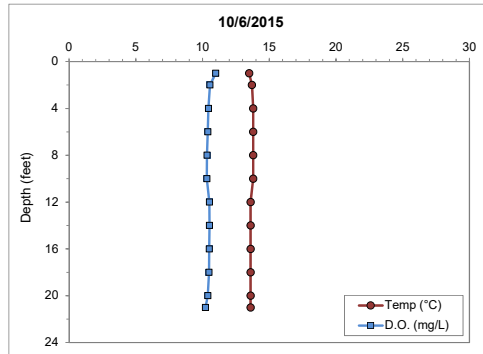


**Site 2: Sampling Event #13**

Date:	10/6/2015
Time (24 hr):	10:34
Collector(s):	KB,TC,MP
Secchi Depth (ft):	5.0

Max Depth at Site (ft):	21.2
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	18.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	13.5	11.0
2	13.7	10.6
4	13.8	10.5
6	13.8	10.4
8	13.8	10.3
10	13.8	10.3
12	13.6	10.5
14	13.6	10.5
16	13.6	10.5
18	13.6	10.5
20	13.6	10.4
21	13.6	10.2

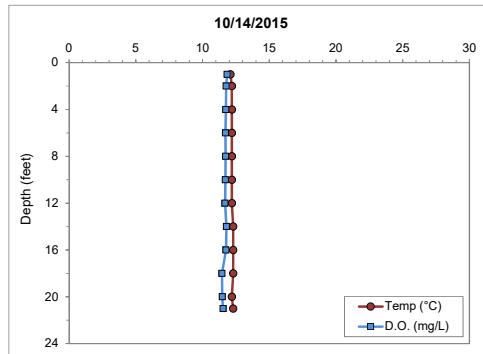


**Site 2: Sampling Event #14**

Date:	10/14/2015
Time (24 hr):	11:48
Collector(s):	KB,JB,MP
Secchi Depth (ft):	4.9

Max Depth at Site (ft):	20.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	17.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	12.1	11.8
2	12.2	11.8
4	12.2	11.8
6	12.2	11.7
8	12.2	11.7
10	12.2	11.7
12	12.2	11.7
14	12.3	11.8
16	12.3	11.8
18	12.3	11.5
20	12.2	11.5
21	12.3	11.5

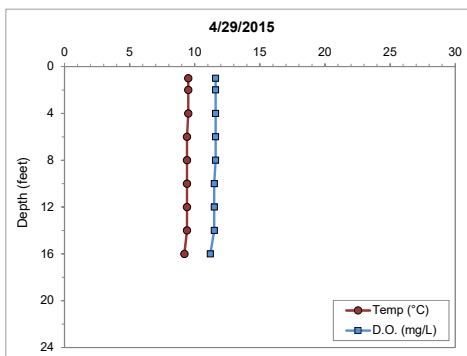


**Site 3: Sampling Event #1**

Date:	4/29/2015
Time (24 hr):	10:38
Collector(s):	BTB, KB, TC
Secchi Depth (ft):	8.5

Max Depth at Site (ft):	18.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	15.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	9.5	11.6
2	9.5	11.6
4	9.5	11.6
6	9.4	11.6
8	9.4	11.6
10	9.4	11.5
12	9.4	11.5
14	9.4	11.5
16	9.2	11.2
18		
19		

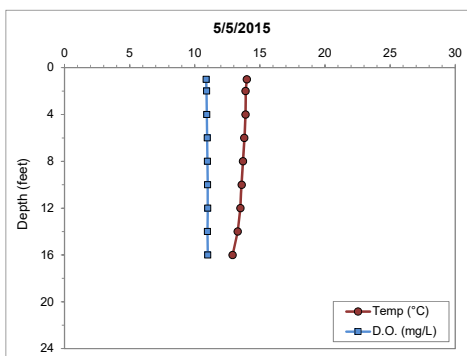


**Site 3: Sampling Event #2**

Date:	5/5/2015
Time (24 hr):	10:26
Collector(s):	TC, KB
Secchi Depth (ft):	9.5

Max Depth at Site (ft):	17.1
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	14.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	14.0	10.9
2	13.9	10.9
4	13.9	10.9
6	13.8	11.0
8	13.7	11.0
10	13.6	11.0
12	13.5	11.0
14	13.3	11.0
16	12.9	11.0
18		
19		

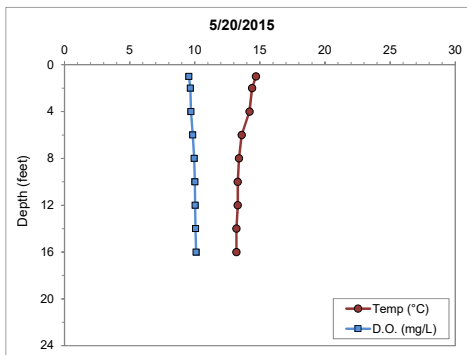


**Site 3: Sampling Event #3**

Date:	5/20/2015
Time (24 hr):	12:06pm
Collector(s):	TC, KB
Secchi Depth (ft):	9.0

Max Depth at Site (ft):	18.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	15.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	14.7	9.6
2	14.4	9.7
4	14.2	9.7
6	13.6	9.9
8	13.4	10.0
10	13.3	10.0
12	13.3	10.0
14	13.2	10.1
16	13.2	10.1
18		
19		

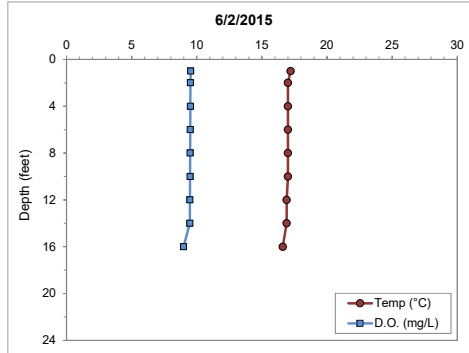


**Site 3: Sampling Event #4**

Date:	6/2/2015
Time (24 hr):	12:35
Collector(s):	KB,JB
Secchi Depth (ft):	8.7

Max Depth at Site (ft):	20.2
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	17.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	17.2	9.5
2	17.0	9.5
4	17.0	9.5
6	17.0	9.5
8	17.0	9.5
10	17.0	9.5
12	16.9	9.5
14	16.9	9.5
16	16.6	9.0
18		
19		

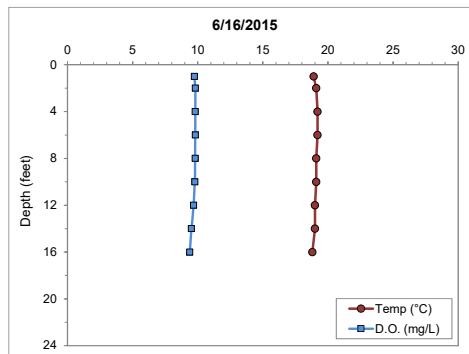


**Site 3: Sampling Event #5**

Date:	6/16/2015
Time (24 hr):	10:50
Collector(s):	TC,KB
Secchi Depth (ft):	6.0

Max Depth at Site (ft):	18.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	15.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	18.9	9.7
2	19.1	9.8
4	19.2	9.8
6	19.2	9.8
8	19.1	9.8
10	19.1	9.8
12	19.0	9.7
14	19.0	9.5
16	18.8	9.4
18		
19		

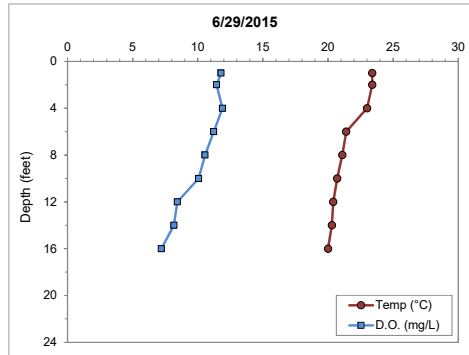


**Site 3: Sampling Event #6**

Date:	6/29/2015
Time (24 hr):	11:10
Collector(s):	KB,TC,JL,CP
Secchi Depth (ft):	2.8

Max Depth at Site (ft):	17.8
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	15.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	23.4	11.8
2	23.4	11.4
4	23.0	11.9
6	21.4	11.2
8	21.1	10.6
10	20.7	10.1
12	20.4	8.4
14	20.3	8.2
16	20.0	7.2
18		
19		

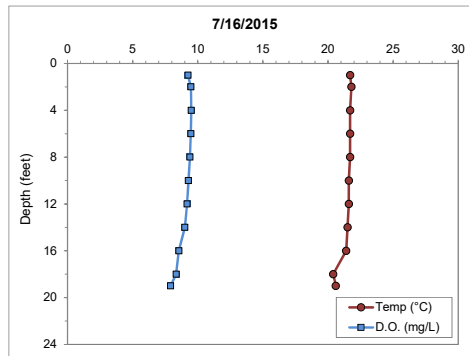


**Site 3: Sampling Event #7**

Date:	7/16/2015
Time (24 hr):	11:10
Collector(s):	KB,CP
Secchi Depth (ft):	2.7

Max Depth at Site (ft):	19.2
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	16.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	21.7	9.3
2	21.8	9.5
4	21.7	9.5
6	21.7	9.5
8	21.7	9.4
10	21.6	9.3
12	21.6	9.2
14	21.5	9.0
16	21.4	8.6
18	20.4	8.3
19	20.6	7.9

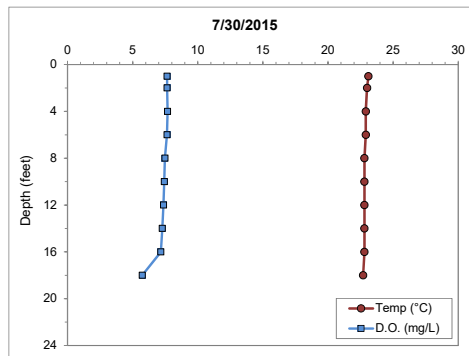


**Site 3: Sampling Event #8**

Date:	7/30/2015
Time (24 hr):	10:40
Collector(s):	CP,JL
Secchi Depth (ft):	2.2

Max Depth at Site (ft):	19.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	16.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	23.1	7.7
2	23.0	7.7
4	22.9	7.7
6	22.9	7.6
8	22.8	7.5
10	22.8	7.4
12	22.8	7.4
14	22.8	7.3
16	22.8	7.2
18	22.7	5.7
19		



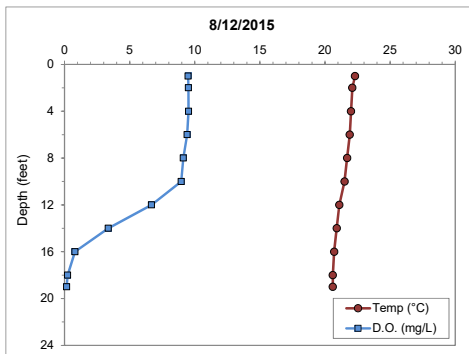


**Site 3: Sampling Event #9**

Date:	8/12/2015
Time (24 hr):	12:33
Collector(s):	CP,JL
Secchi Depth (ft):	3.4

Max Depth at Site (ft):	19.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	16.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	22.3	9.5
2	22.1	9.5
4	22.0	9.5
6	21.9	9.4
8	21.7	9.1
10	21.5	9.0
12	21.1	6.7
14	20.9	3.4
16	20.7	0.8
18	20.6	0.2
19	20.6	0.2

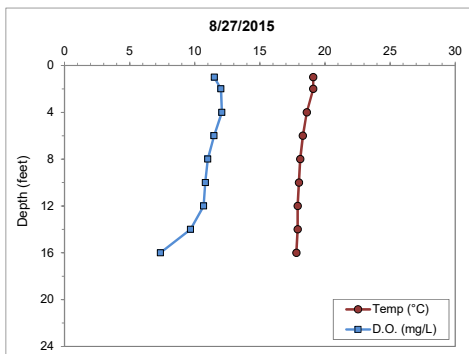


**Site 3: Sampling Event #10**

Date:	8/27/2015
Time (24 hr):	11:17
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.2

Max Depth at Site (ft):	17.3
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	14.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	19.1	11.5
2	19.1	12.0
4	18.6	12.1
6	18.3	11.5
8	18.1	11.0
10	18.0	10.8
12	17.9	10.7
14	17.9	9.7
16	17.8	7.4
18		
19		

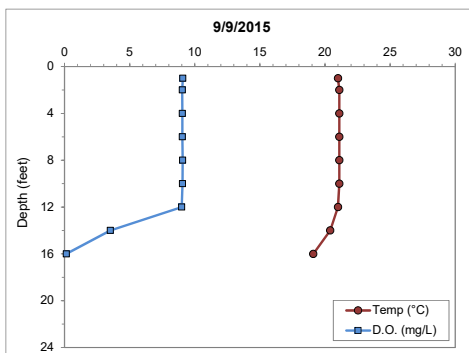


**Site 3: Sampling Event #11**

Date:	9/9/2015
Time (24 hr):	10:15
Collector(s):	KB,JB,MP
Secchi Depth (ft):	4.3

Max Depth at Site (ft):	17.5
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	14.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	21.0	9.1
2	21.1	9.0
4	21.1	9.1
6	21.1	9.1
8	21.1	9.1
10	21.1	9.1
12	21.0	9.0
14	20.4	3.5
16	19.1	0.1
18		
19		

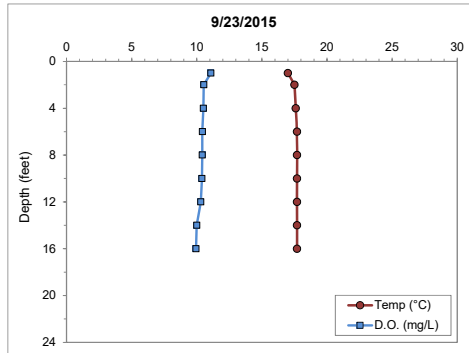


**Site 3: Sampling Event #12**

Date:	9/23/2015
Time (24 hr):	11:27
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.6

Max Depth at Site (ft):	17.2
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	14.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	17.0	11.1
2	17.5	10.5
4	17.6	10.5
6	17.7	10.4
8	17.7	10.4
10	17.7	10.4
12	17.7	10.3
14	17.7	10.0
16	17.7	9.9
18		
19		

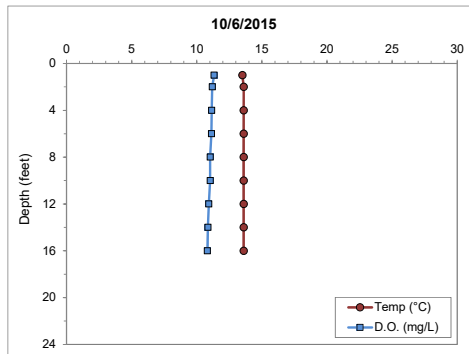


**Site 3: Sampling Event #13**

Date:	10/6/2015
Time (24 hr):	10:50
Collector(s):	KB,TC,MP
Secchi Depth (ft):	4.7

Max Depth at Site (ft):	17.2
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	14.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	13.5	11.3
2	13.6	11.2
4	13.6	11.2
6	13.6	11.1
8	13.6	11.0
10	13.6	11.0
12	13.6	10.9
14	13.6	10.9
16	13.6	10.8
18		
19		

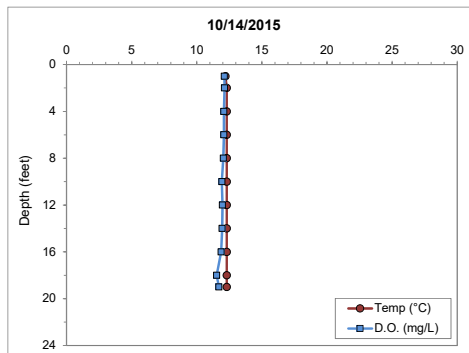


**Site 3: Sampling Event #14**

Date:	10/14/2015
Time (24 hr):	12:22
Collector(s):	KB,JB,MP
Secchi Depth (ft):	4.4

Max Depth at Site (ft):	18.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	15.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	12.2	12.1
2	12.3	12.1
4	12.3	12.1
6	12.3	12.1
8	12.3	12.0
10	12.3	11.9
12	12.3	12.0
14	12.3	12.0
16	12.3	11.9
18	12.3	11.5
19	12.3	11.7

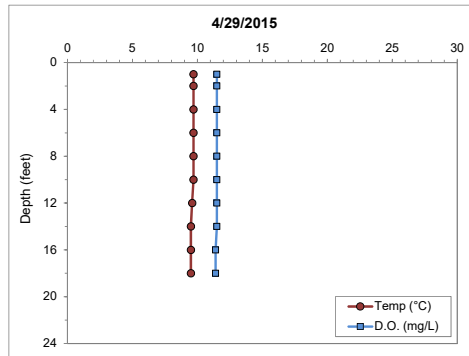


**Site 4: Sampling Event #1**

Date:	4/29/2015
Time (24 hr):	10:51
Collector(s):	BTB, KB, TC
Secchi Depth (ft):	7.5

Max Depth at Site (ft):	19.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	16.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	9.7	11.5
2	9.7	11.5
4	9.7	11.5
6	9.7	11.5
8	9.7	11.5
10	9.7	11.5
12	9.6	11.5
14	9.5	11.5
16	9.5	11.4
18	9.5	11.4
19		

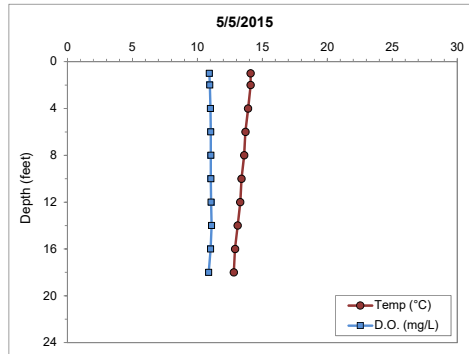


**Site 4: Sampling Event #2**

Date:	5/5/2015
Time (24 hr):	10:43
Collector(s):	TC, KB
Secchi Depth (ft):	8.4

Max Depth at Site (ft):	19.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	16.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	14.1	10.9
2	14.1	11.0
4	13.9	11.0
6	13.7	11.0
8	13.6	11.0
10	13.4	11.0
12	13.3	11.1
14	13.1	11.1
16	12.9	11.0
18	12.8	10.9
19		

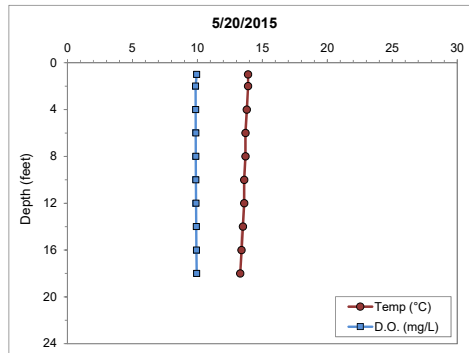


**Site 4: Sampling Event #3**

Date:	5/20/2015
Time (24 hr):	12:20pm
Collector(s):	TC, KB
Secchi Depth (ft):	8.8

Max Depth at Site (ft):	18.9
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	16.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	13.9	10.0
2	13.9	9.9
4	13.8	9.9
6	13.7	9.9
8	13.7	9.9
10	13.6	9.9
12	13.6	9.9
14	13.5	9.9
16	13.4	9.9
18	13.3	10.0
19		

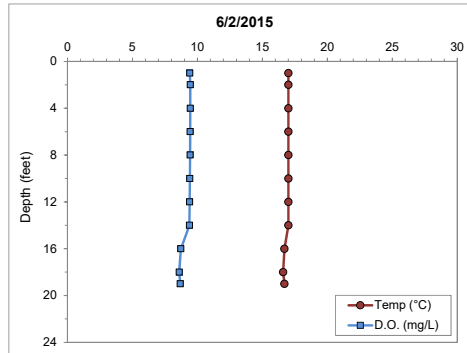


**Site 4: Sampling Event #4**

Date:	6/2/2015
Time (24 hr):	12:52
Collector(s):	KB,JB
Secchi Depth (ft):	8.8

Max Depth at Site (ft):	19.9
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	17.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	17.0	9.4
2	17.0	9.5
4	17.0	9.5
6	17.0	9.4
8	17.0	9.4
10	17.0	9.4
12	17.0	9.4
14	17.0	9.4
16	16.7	8.7
18	16.6	8.6
19	16.7	8.7

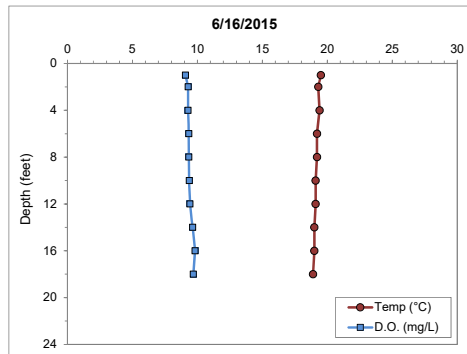


**Site 4: Sampling Event #5**

Date:	6/16/2015
Time (24 hr):	11:03
Collector(s):	TC,KB
Secchi Depth (ft):	6.2

Max Depth at Site (ft):	19.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	16.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	19.5	9.1
2	19.3	9.3
4	19.4	9.3
6	19.2	9.3
8	19.2	9.3
10	19.1	9.4
12	19.1	9.4
14	19.0	9.6
16	19.0	9.8
18	18.9	9.7
19		

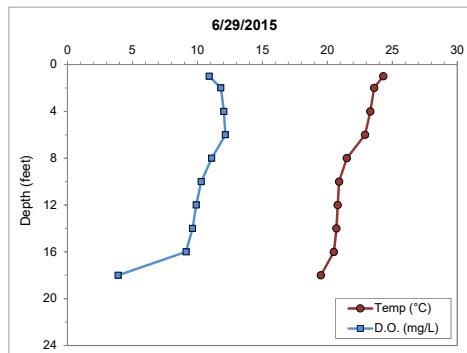


**Site 4: Sampling Event #6**

Date:	6/29/2015
Time (24 hr):	11:45
Collector(s):	TC,KB,IL,CP
Secchi Depth (ft):	3.2

Max Depth at Site (ft):	19.2
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	16.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	24.3	10.9
2	23.6	11.8
4	23.3	12.0
6	22.9	12.2
8	21.5	11.1
10	20.9	10.3
12	20.8	9.9
14	20.7	9.6
16	20.5	9.1
18	19.5	3.9
19		

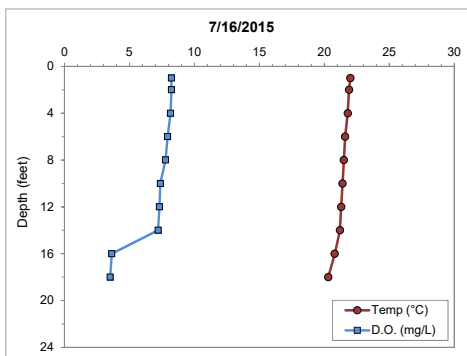


**Site 4: Sampling Event #7**

Date:	7/16/2015
Time (24 hr):	11:29
Collector(s):	KB,CP
Secchi Depth (ft):	3.1

Max Depth at Site (ft):	18.8
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	16.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	22.0	8.2
2	21.9	8.2
4	21.8	8.2
6	21.6	7.9
8	21.5	7.8
10	21.4	7.4
12	21.3	7.3
14	21.2	7.2
16	20.8	3.6
18	20.3	3.5
19		

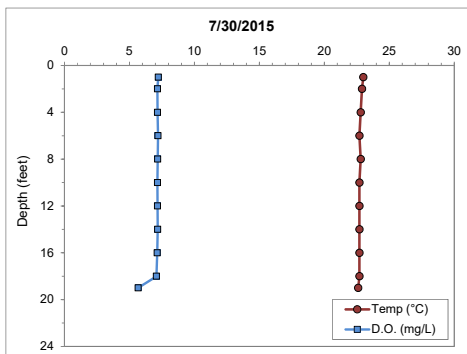


**Site 4: Sampling Event #8**

Date:	7/30/2015
Time (24 hr):	10:56
Collector(s):	CP,JL
Secchi Depth (ft):	2.5

Max Depth at Site (ft):	20.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	17.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	23.0	7.2
2	22.9	7.2
4	22.8	7.2
6	22.7	7.2
8	22.8	7.2
10	22.7	7.2
12	22.7	7.2
14	22.7	7.2
16	22.7	7.1
18	22.7	7.1
19	22.6	5.7

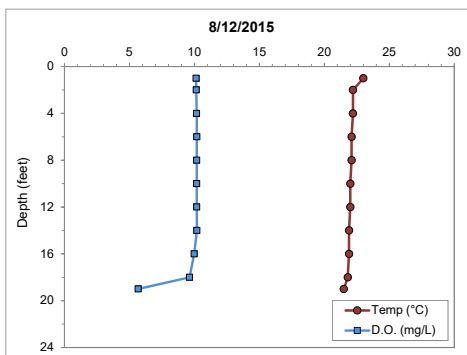


**Site 4: Sampling Event #9**

Date:	8/12/2015
Time (24 hr):	1:07
Collector(s):	CP,JL
Secchi Depth (ft):	2.8

Max Depth at Site (ft):	20.0
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	17.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	23.0	10.1
2	22.2	10.2
4	22.2	10.2
6	22.1	10.2
8	22.1	10.2
10	22.0	10.2
12	22.0	10.2
14	21.9	10.2
16	21.9	10.0
18	21.8	9.6
19	21.5	5.7

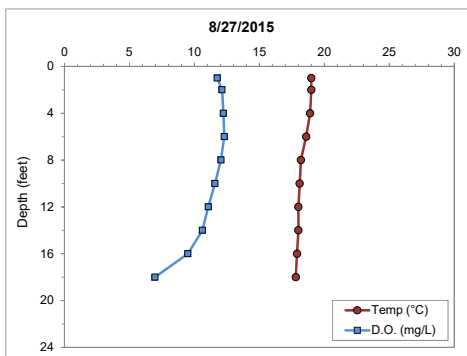


**Site 4: Sampling Event #10**

Date:	8/27/2015
Time (24 hr):	11:33
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.2

Max Depth at Site (ft):	18.2
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	15.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	19.0	11.8
2	19.0	12.1
4	18.9	12.2
6	18.6	12.3
8	18.2	12.1
10	18.1	11.6
12	18.0	11.1
14	18.0	10.6
16	17.9	9.5
18	17.8	7.0
19		

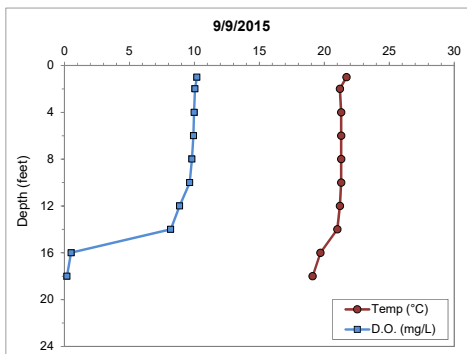


**Site 4: Sampling Event #11**

Date:	9/9/2015
Time (24 hr):	10:30
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.8

Max Depth at Site (ft):	18.7
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	16.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	21.7	10.2
2	21.2	10.1
4	21.3	10.0
6	21.3	9.9
8	21.3	9.8
10	21.3	9.6
12	21.2	8.9
14	21.0	8.2
16	19.7	0.5
18	19.1	0.2
19		

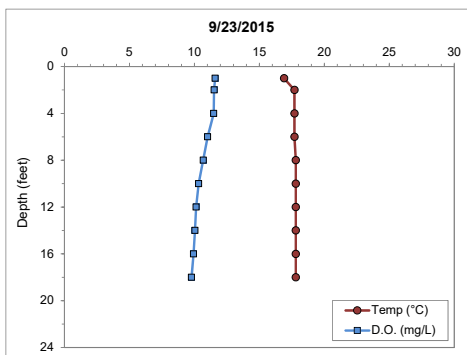


**Site 4: Sampling Event #12**

Date:	9/23/2015
Time (24 hr):	11:39
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.5

Max Depth at Site (ft):	18.8
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	16.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	16.9	11.6
2	17.7	11.5
4	17.7	11.5
6	17.7	11.0
8	17.8	10.7
10	17.8	10.3
12	17.8	10.1
14	17.8	10.1
16	17.8	9.9
18	17.8	9.8
19		

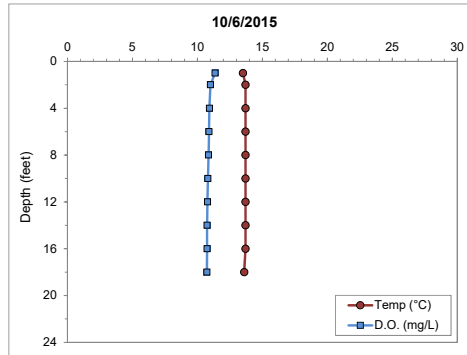


**Site 4: Sampling Event #13**

Date:	10/6/2015
Time (24 hr):	11:00
Collector(s):	KB,TC,MP
Secchi Depth (ft):	5.0

Max Depth at Site (ft):	18.6
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	15.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	13.5	11.4
2	13.7	11.0
4	13.7	10.9
6	13.7	10.9
8	13.7	10.9
10	13.7	10.8
12	13.7	10.8
14	13.7	10.8
16	13.7	10.8
18	13.6	10.7
19		

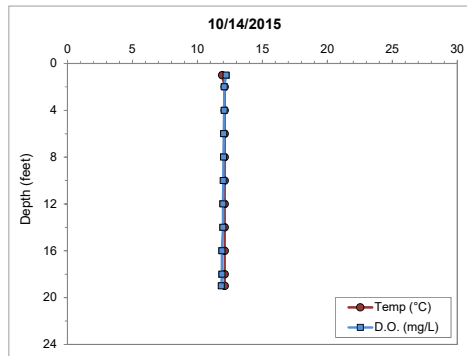


**Site 4: Sampling Event #14**

Date:	10/14/2015
Time (24 hr):	12:37
Collector(s):	KB,JB,MP
Secchi Depth (ft):	4.1

Max Depth at Site (ft):	17.5
Near-Surface Sample Depth (ft):	3.0
Near-Bottom Sample Depth (ft):	14.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	11.9	12.2
2	12.1	12.1
4	12.1	12.1
6	12.1	12.0
8	12.1	12.0
10	12.1	12.0
12	12.1	12.0
14	12.1	12.0
16	12.1	11.9
18	12.1	11.9
19	12.1	11.8

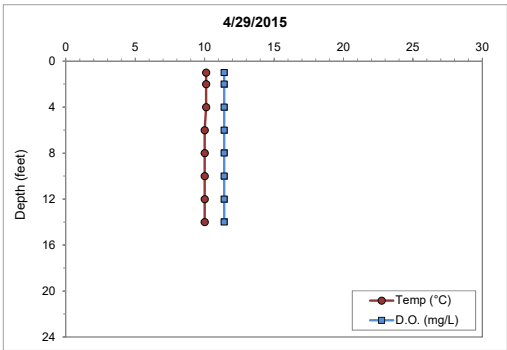


**Site 5: Sampling Event #1**

Date:	4/29/2015
Time (24 hr):	11:02
Collector(s):	BTB, KB, TC
Secchi Depth (ft):	8.7

Max Depth at Site (ft):	15.4
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	7.0
Near-Bottom Sample Depth (ft):	12.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	10.1	11.4
2	10.1	11.4
4	10.1	11.4
6	10.0	11.4
8	10.0	11.4
10	10.0	11.4
12	10.0	11.4
14	10.0	11.4
15		
16		

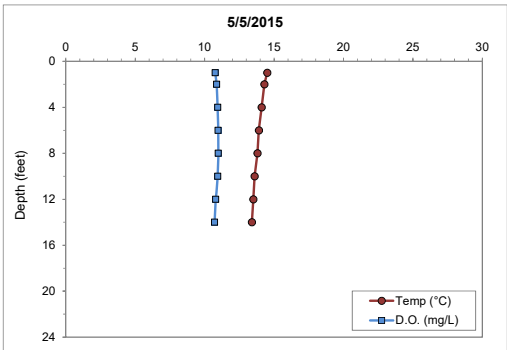


**Site 5: Sampling Event #2**

Date:	5/5/2015
Time (24 hr):	10:53
Collector(s):	TC, KB
Secchi Depth (ft):	7.7

Max Depth at Site (ft):	15.6
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	8.0
Near-Bottom Sample Depth (ft):	12.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	14.5	10.8
2	14.3	10.9
4	14.1	10.9
6	13.9	11.0
8	13.8	11.0
10	13.6	11.0
12	13.5	10.8
14	13.4	10.7
15		
16		

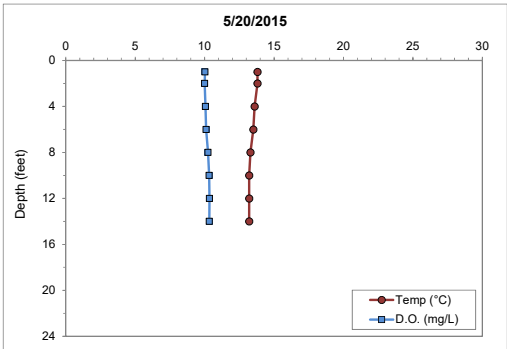


**Site 5: Sampling Event #3**

Date:	5/20/2015
Time (24 hr):	12:27pm
Collector(s):	TC, KB
Secchi Depth (ft):	8.8

Max Depth at Site (ft):	15.3
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	7.0
Near-Bottom Sample Depth (ft):	12.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	13.8	10.0
2	13.8	10.0
4	13.6	10.1
6	13.5	10.1
8	13.3	10.2
10	13.2	10.3
12	13.2	10.3
14	13.2	10.3
15		
16		



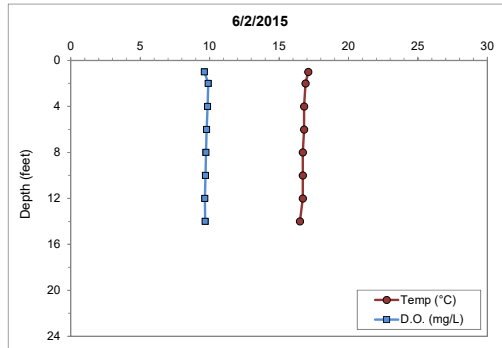


**Site 5: Sampling Event #4**

Date:	6/2/2015
Time (24 hr):	1:09
Collector(s):	KB,JB
Secchi Depth (ft):	8.7

Max Depth at Site (ft):	15.6
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	7.0
Near-Bottom Sample Depth (ft):	13.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	17.1	9.6
2	16.9	9.9
4	16.8	9.9
6	16.8	9.8
8	16.7	9.7
10	16.7	9.7
12	16.7	9.7
14	16.5	9.7
15		
16		

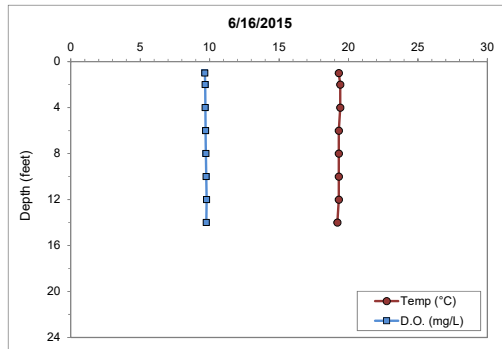


**Site 5: Sampling Event #5**

Date:	6/16/2015
Time (24 hr):	11:15
Collector(s):	TC,KB
Secchi Depth (ft):	6.0

Max Depth at Site (ft):	15.2
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	7.0
Near-Bottom Sample Depth (ft):	12.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	19.3	9.7
2	19.4	9.7
4	19.4	9.7
6	19.3	9.7
8	19.3	9.7
10	19.3	9.8
12	19.3	9.8
14	19.2	9.8
15		
16		

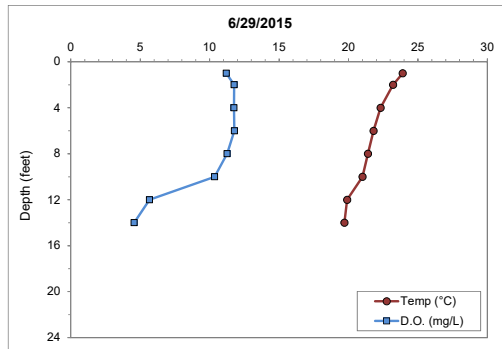


**Site 5: Sampling Event #6**

Date:	6/29/2015
Time (24 hr):	12:00
Collector(s):	CP, JL, KB, TC
Secchi Depth (ft):	3.4

Max Depth at Site (ft):	15.6
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	8.0
Near-Bottom Sample Depth (ft):	13.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	23.9	11.2
2	23.2	11.8
4	22.3	11.8
6	21.8	11.8
8	21.4	11.3
10	21.0	10.4
12	19.9	5.7
14	19.7	4.6
15		
16		

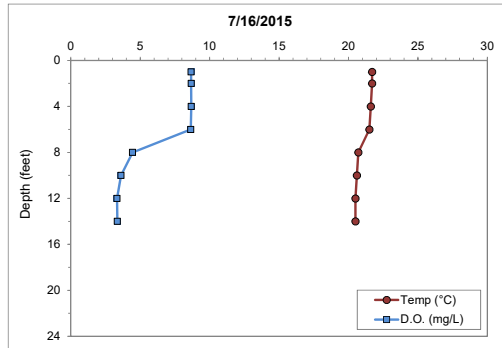


**Site 5: Sampling Event #7**

Date:	7/16/2015
Time (24 hr):	11:42
Collector(s):	KB,CP
Secchi Depth (ft):	3.1

Max Depth at Site (ft):	15.8
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	8.0
Near-Bottom Sample Depth (ft):	13.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	21.7	8.7
2	21.7	8.7
4	21.6	8.7
6	21.5	8.6
8	20.7	4.5
10	20.6	3.6
12	20.5	3.3
14	20.5	3.4
15		
16		

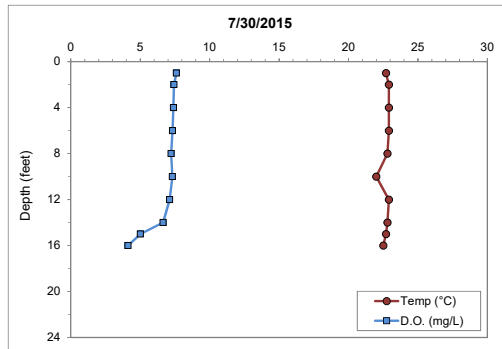


**Site 5: Sampling Event #8**

Date:	7/30/2015
Time (24 hr):	11:13
Collector(s):	CP,JL
Secchi Depth (ft):	2.2

Max Depth at Site (ft):	16.0
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	7.0
Near-Bottom Sample Depth (ft):	13.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	22.7	7.6
2	22.9	7.4
4	22.9	7.4
6	22.9	7.3
8	22.8	7.2
10	22.0	7.3
12	22.9	7.1
14	22.8	6.7
15	22.7	5.0
16	22.5	4.1

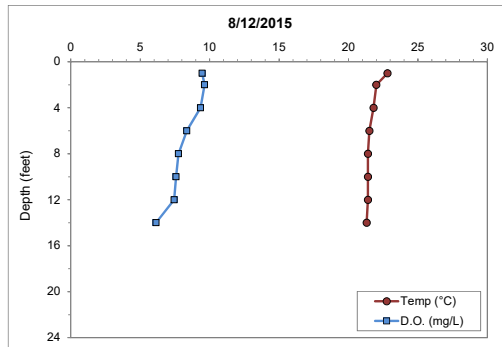


**Site 5: Sampling Event #9**

Date:	8/12/2015
Time (24 hr):	1:33
Collector(s):	CP,JL
Secchi Depth (ft):	2.9

Max Depth at Site (ft):	16.0
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	8.0
Near-Bottom Sample Depth (ft):	14.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	22.8	9.5
2	22.0	9.6
4	21.8	9.3
6	21.5	8.4
8	21.4	7.8
10	21.4	7.6
12	21.4	7.4
14	21.3	6.1
15		
16		

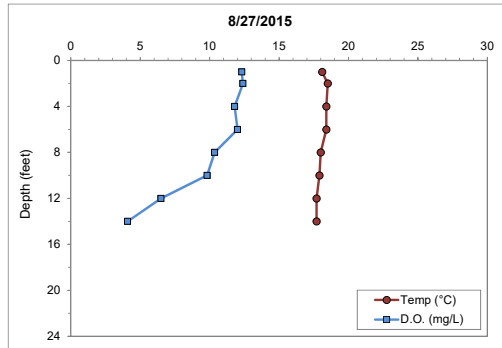


**Site 5: Sampling Event #10**

Date:	8/27/2015
Time (24 hr):	11:47
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.3

Max Depth at Site (ft):	15.9
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	8.0
Near-Bottom Sample Depth (ft):	13.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	18.1	12.3
2	18.5	12.4
4	18.4	11.8
6	18.4	12.0
8	18.0	10.4
10	17.9	9.8
12	17.7	6.5
14	17.7	4.1
15		
16		

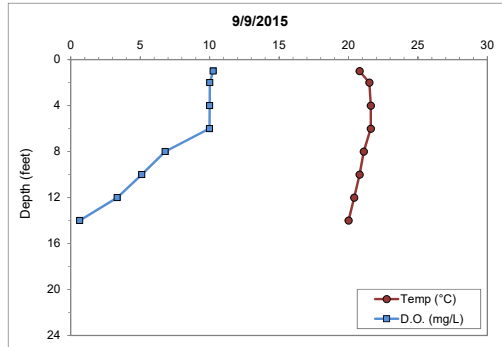


**Site 5: Sampling Event #11**

Date:	9/9/2015
Time (24 hr):	10:45
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.8

Max Depth at Site (ft):	14.9
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	7.0
Near-Bottom Sample Depth (ft):	12.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	20.8	10.3
2	21.5	10.0
4	21.6	10.0
6	21.6	10.0
8	21.1	6.8
10	20.8	5.1
12	20.4	3.3
14	20.0	0.6
15		
16		

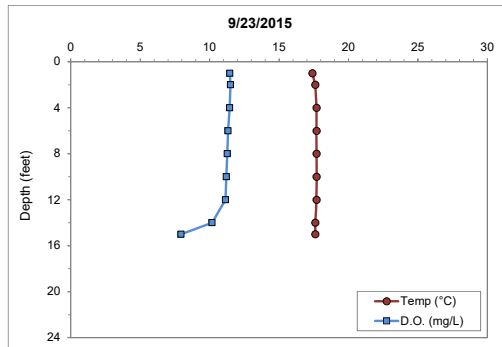


**Site 5: Sampling Event #12**

Date:	9/23/2015
Time (24 hr):	11:53
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.4

Max Depth at Site (ft):	15.0
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	7.0
Near-Bottom Sample Depth (ft):	12.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	17.4	11.5
2	17.6	11.5
4	17.7	11.4
6	17.7	11.3
8	17.7	11.3
10	17.7	11.2
12	17.7	11.1
14	17.6	10.2
15	17.6	7.9
16		

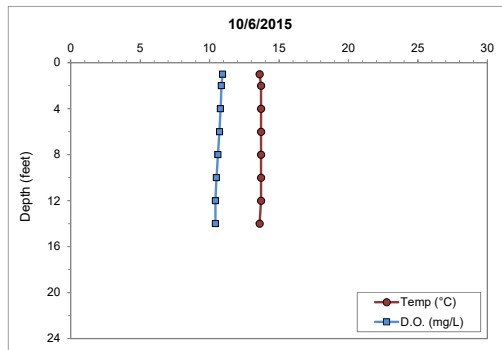


**Site 5: Sampling Event #13**

Date:	10/6/2015
Time (24 hr):	11:13
Collector(s):	KB,TC,MP
Secchi Depth (ft):	4.9

Max Depth at Site (ft):	14.6
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	7.0
Near-Bottom Sample Depth (ft):	11.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	13.6	10.9
2	13.7	10.8
4	13.7	10.8
6	13.7	10.7
8	13.7	10.6
10	13.7	10.5
12	13.7	10.4
14	13.6	10.4
15		
16		

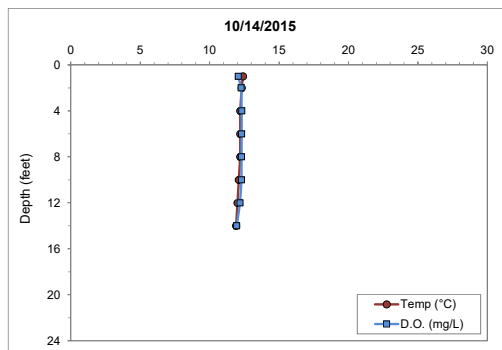


**Site 5: Sampling Event #14**

Date:	10/14/2015
Time (24 hr):	12:50
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.9

Max Depth at Site (ft):	14.6
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	7.0
Near-Bottom Sample Depth (ft):	12.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	12.4	12.1
2	12.3	12.3
4	12.2	12.3
6	12.2	12.3
8	12.2	12.3
10	12.1	12.3
12	12.0	12.2
14	11.9	12.0
15		
16		

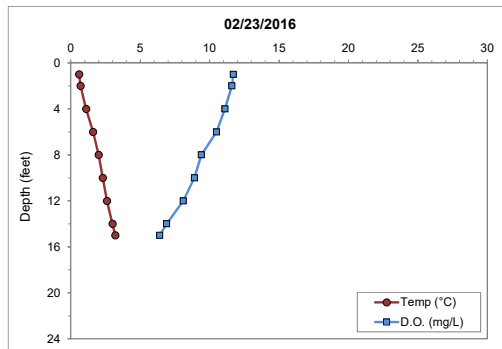


**Site 5: Sampling Event #15**

Date:	2/23/2016
Time (24 hr):	12:20
Collector(s):	BTB & TWH
Secchi Depth (ft):	13.8

Max Depth at Site (ft):	15.3
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	N/A
Near-Bottom Sample Depth (ft):	N/A

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	0.6	11.7
2	0.7	11.6
4	1.1	11.1
6	1.6	10.5
8	2.0	9.4
10	2.3	8.9
12	2.6	8.1
14	3.0	6.9
15	3.2	6.4

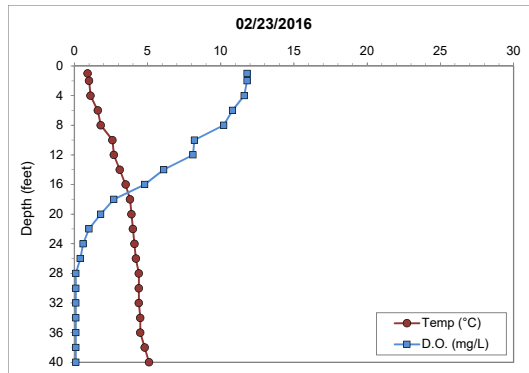


**Site 1 (Deep Hole): Sampling Event #1**

Date:	2/23/2016
Time (24 hr):	11:30
Collector(s):	BTB & TWH
Secchi Depth (ft):	11.6

Max Depth at Site (ft):	40.2
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	N/A
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	0.9	11.8
2	1.0	11.8
4	1.1	11.6
6	1.6	10.8
8	1.8	10.2
10	2.6	8.2
12	2.7	8.1
14	3.1	6.1
16	3.5	4.8
18	3.8	2.7
20	3.9	1.8
22	4.0	1.0
24	4.1	0.6
26	4.2	0.4
28	4.4	0.1
30	4.4	0.1
32	4.4	0.1
34	4.5	0.1
36	4.5	0.1
38	4.8	0.1
40	5.1	0.1

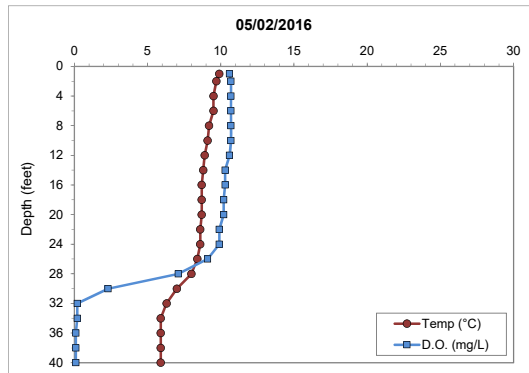


**Site 1 (Deep Hole): Sampling Event #2**

Date:	5/2/2016
Time (24 hr):	10:45
Collector(s):	BB,KB,JB
Secchi Depth (ft):	8.0

Max Depth at Site (ft):	40.2
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	31.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	9.9	10.6
2	9.7	10.7
4	9.5	10.7
6	9.5	10.7
8	9.2	10.7
10	9.1	10.7
12	8.9	10.6
14	8.8	10.3
16	8.7	10.3
18	8.7	10.2
20	8.7	10.2
22	8.6	9.9
24	8.6	9.9
26	8.4	9.1
28	8.0	7.1
30	7.0	2.3
32	6.3	0.2
34	5.9	0.2
36	5.9	0.1
38	5.9	0.1
40	5.9	0.1

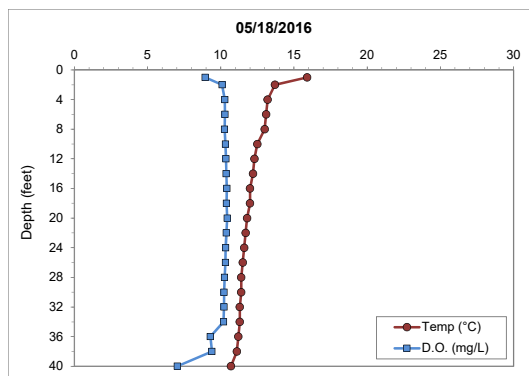


**Site 1 (Deep Hole): Sampling Event #3**

Date:	5/18/2016
Time (24 hr):	11:34
Collector(s):	KB,JB,MP
Secchi Depth (ft):	12.8

Max Depth at Site (ft):	40.2
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	20.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	15.9	8.9
2	13.7	10.1
4	13.2	10.3
6	13.1	10.3
8	13.0	10.3
10	12.5	10.3
12	12.3	10.4
14	12.2	10.4
16	12.0	10.4
18	12.0	10.4
20	11.8	10.4
22	11.7	10.4
24	11.6	10.3
26	11.5	10.3
28	11.4	10.3
30	11.4	10.2
32	11.3	10.2
34	11.3	10.2
36	11.2	9.3
38	11.1	9.4
40	10.7	7.0

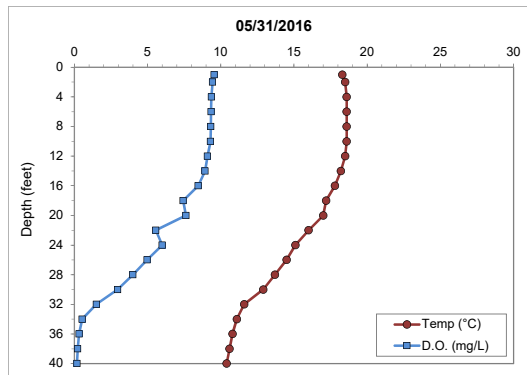


**Site 1 (Deep Hole): Sampling Event #4**

Date:	5/31/2016
Time (24 hr):	10:44
Collector(s):	KB,JB,MP,CP,IL
Secchi Depth (ft):	12.6

Max Depth at Site (ft):	39.8
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	33.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	18.3	9.6
2	18.5	9.4
4	18.6	9.4
6	18.6	9.3
8	18.6	9.3
10	18.6	9.3
12	18.5	9.1
14	18.2	8.9
16	17.8	8.5
18	17.2	7.4
20	17.0	7.6
22	16.0	5.6
24	15.1	6.0
26	14.5	5.0
28	13.7	4.0
30	12.9	3.0
32	11.6	1.5
34	11.1	0.5
36	10.8	0.3
38	10.6	0.2
40	10.4	0.2

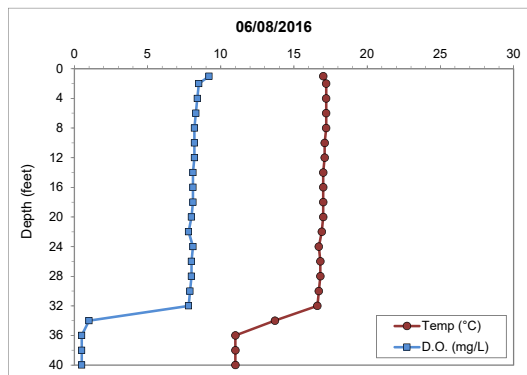


**Site 1 (Deep Hole): Sampling Event #5**

Date:	6/8/2016
Time (24 hr):	9:38
Collector(s):	KB,JB
Secchi Depth (ft):	12.9

Max Depth at Site (ft):	40.3
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	20.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	17.0	9.2
2	17.2	8.5
4	17.2	8.4
6	17.2	8.3
8	17.2	8.2
10	17.1	8.2
12	17.1	8.2
14	17.0	8.1
16	17.0	8.1
18	17.0	8.1
20	17.0	8.0
22	16.9	7.8
24	16.7	8.1
26	16.8	8.0
28	16.8	8.0
30	16.7	7.9
32	16.6	7.8
34	13.7	1.0
36	11.0	0.5
38	11.0	0.5
40	11.0	0.5

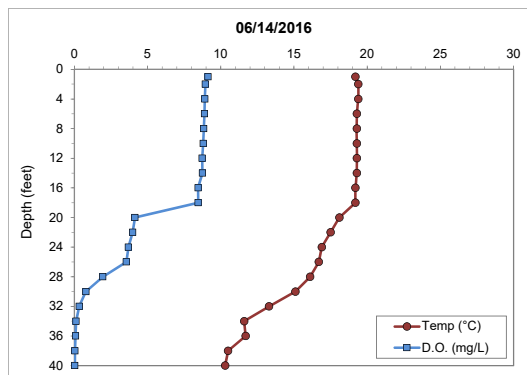


**Site 1 (Deep Hole): Sampling Event #6**

Date:	6/14/2016
Time (24 hr):	10:36
Collector(s):	KB,JB,MP
Secchi Depth (ft):	9.5

Max Depth at Site (ft):	39.8
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	29.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	19.2	9.1
2	19.4	9.0
4	19.4	8.9
6	19.3	8.9
8	19.3	8.8
10	19.3	8.8
12	19.3	8.7
14	19.3	8.8
16	19.2	8.5
18	19.2	8.5
20	18.1	4.1
22	17.5	4.0
24	16.9	3.7
26	16.7	3.6
28	16.1	1.9
30	15.1	0.8
32	13.3	0.3
34	11.6	0.1
36	11.7	0.1
38	10.5	0.0
40	10.3	0.0

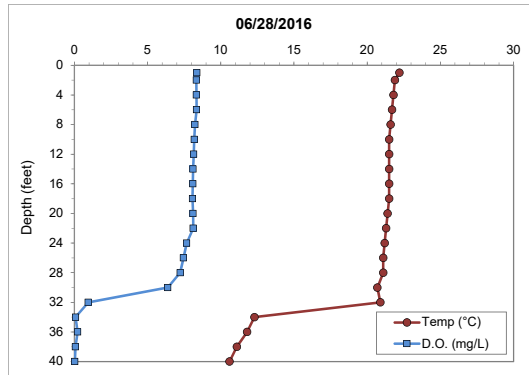


**Site 1 (Deep Hole): Sampling Event #7**

Date:	6/28/2016
Time (24 hr):	10:43
Collector(s):	CP, JL, KB
Secchi Depth (ft):	5.6

Max Depth at Site (ft):	39.5
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	33.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	22.2	8.4
2	21.9	8.3
4	21.8	8.3
6	21.7	8.4
8	21.6	8.2
10	21.5	8.2
12	21.5	8.2
14	21.5	8.1
16	21.5	8.1
18	21.5	8.1
20	21.4	8.1
22	21.3	8.1
24	21.2	7.7
26	21.1	7.5
28	21.1	7.2
30	20.7	6.4
32	20.9	1.0
34	12.3	0.1
36	11.8	0.2
38	11.1	0.1
40	10.6	0.0

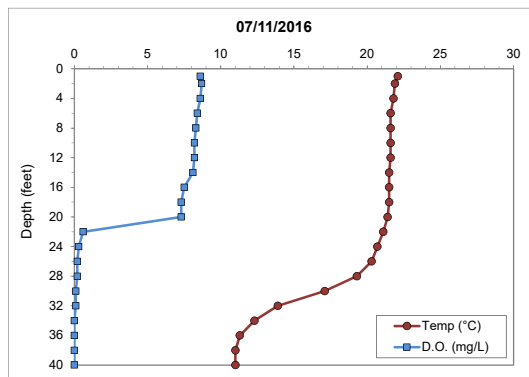


**Site 1 (Deep Hole): Sampling Event #8**

Date:	7/11/2016
Time (24 hr):	12:21
Collector(s):	KB, JB, MP
Secchi Depth (ft):	3.9

Max Depth at Site (ft):	39.7
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	23.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	22.1	8.6
2	21.9	8.7
4	21.8	8.6
6	21.6	8.4
8	21.6	8.3
10	21.6	8.2
12	21.6	8.2
14	21.5	8.1
16	21.5	7.5
18	21.5	7.3
20	21.4	7.3
22	21.1	0.6
24	20.7	0.3
26	20.3	0.2
28	19.3	0.2
30	17.1	0.1
32	13.9	0.1
34	12.3	0.0
36	11.3	0.0
38	11.0	0.0
40	11.0	0.0

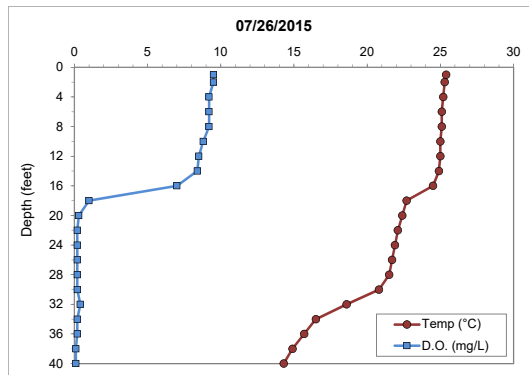


**Site 1 (Deep Hole): Sampling Event #9**

Date:	7/26/2016
Time (24 hr):	10:09
Collector(s):	KB, JB, MP
Secchi Depth (ft):	3.1

Max Depth at Site (ft):	40.1
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	19.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	25.4	9.5
2	25.3	9.5
4	25.2	9.2
6	25.1	9.2
8	25.1	9.2
10	25.0	8.8
12	25.0	8.5
14	24.9	8.4
16	24.5	7.0
18	22.7	1.0
20	22.4	0.3
22	22.1	0.2
24	21.9	0.2
26	21.7	0.2
28	21.5	0.2
30	20.8	0.2
32	18.6	0.4
34	16.5	0.2
36	15.7	0.2
38	14.9	0.1
40	14.3	0.1



**Site 1 (Deep Hole): Sampling Event #10**

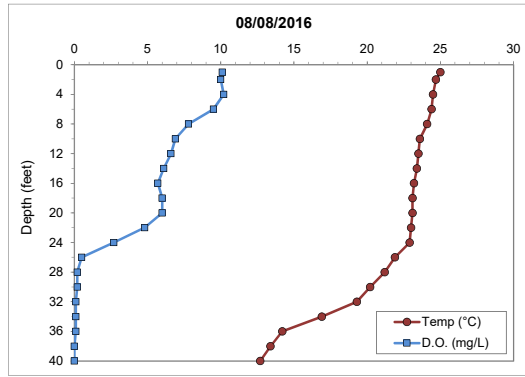
Date:	8/8/2016
Time (24 hr):	10:16
Collector(s):	KB, JB, MP

Max Depth at Site (ft):	40.5
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	27.0

Secchi Depth (ft): 2.3

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	25.0	10.1
2	24.7	10.0
4	24.5	10.2
6	24.4	9.5
8	24.1	7.8
10	23.6	6.9
12	23.5	6.6
14	23.4	6.1
16	23.2	5.7
18	23.1	6.0
20	23.1	6.0
22	23.0	4.8
24	22.9	2.7
26	21.9	0.5
28	21.2	0.2
30	20.2	0.2
32	19.3	0.1
34	16.9	0.1
36	14.2	0.1
38	13.4	0.0
40	12.7	0.0

Near-Bottom Sample Depth (ft): 37.0

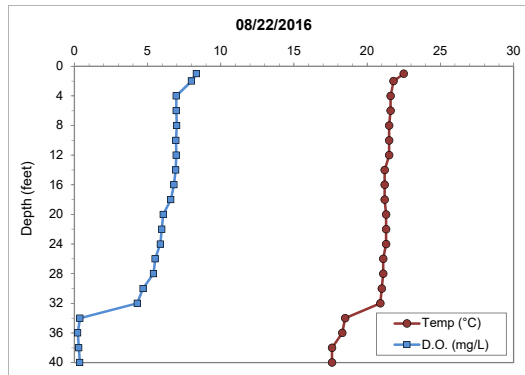


**Site 1 (Deep Hole): Sampling Event #11**

Date: 8/22/2016  
 Time (24 hr): 10:09  
 Collector(s): KB, CP  
 Secchi Depth (ft): 3.8

Max Depth at Site (ft): 39.9  
 Near-Surface Sample Depth (ft): 3.0  
 Mid-Water Column Sample Depth (ft): 35.0  
 Near-Bottom Sample Depth (ft): 37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	22.5	8.3
2	21.8	8.0
4	21.6	7.0
6	21.6	7.0
8	21.5	7.0
10	21.5	6.9
12	21.5	7.0
14	21.2	6.9
16	21.2	6.8
18	21.2	6.6
20	21.3	6.1
22	21.3	6.0
24	21.3	5.9
26	21.1	5.5
28	21.1	5.4
30	21.0	4.7
32	20.9	4.3
34	18.5	0.4
36	18.3	0.2
38	17.6	0.3
40	17.6	0.4

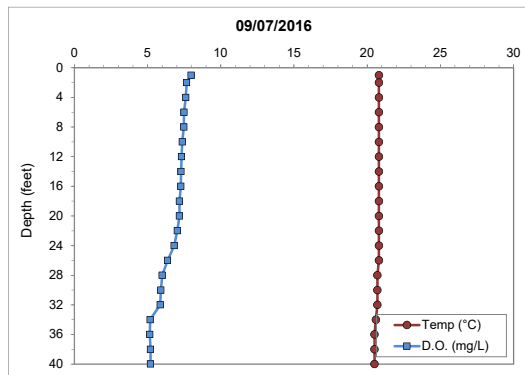


**Site 1 (Deep Hole): Sampling Event #12**

Date: 9/7/2016  
 Time (24 hr): 10:30  
 Collector(s): KB, JB, MP  
 Secchi Depth (ft): 3.7

Max Depth at Site (ft): 40.3  
 Near-Surface Sample Depth (ft): 3.0  
 Mid-Water Column Sample Depth (ft): 20.0  
 Near-Bottom Sample Depth (ft): 37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	20.8	8.0
2	20.8	7.7
4	20.8	7.6
6	20.8	7.5
8	20.8	7.5
10	20.8	7.4
12	20.8	7.3
14	20.8	7.3
16	20.8	7.3
18	20.8	7.2
20	20.8	7.2
22	20.8	7.0
24	20.8	6.8
26	20.8	6.4
28	20.7	6.0
30	20.7	5.9
32	20.7	5.9
34	20.6	5.2
36	20.5	5.2
38	20.5	5.2
40	20.5	5.2

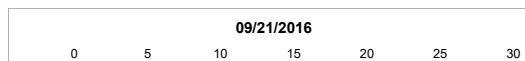


**Site 1 (Deep Hole): Sampling Event #13**

Date: 9/21/2016  
 Time (24 hr): 9:35  
 Collector(s): KB, JB, MP  
 Secchi Depth (ft): 5.3

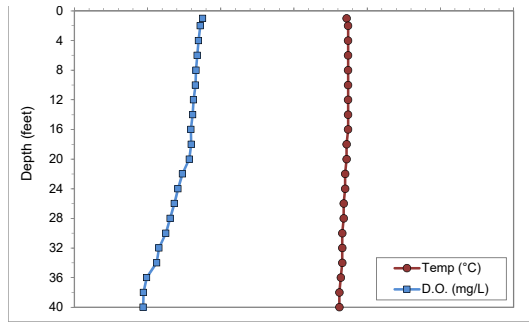
Max Depth at Site (ft): 39.8  
 Near-Surface Sample Depth (ft): 3.0  
 Mid-Water Column Sample Depth (ft): 20.0  
 Near-Bottom Sample Depth (ft): 37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	18.6	8.8
2	18.7	8.6





4	18.7	8.5
6	18.7	8.4
8	18.7	8.3
10	18.7	8.3
12	18.7	8.1
14	18.7	8.1
16	18.7	8.0
18	18.6	8.0
20	18.6	7.9
22	18.5	7.4
24	18.5	7.1
26	18.4	6.8
28	18.4	6.5
30	18.3	6.3
32	18.3	5.8
34	18.3	5.6
36	18.2	4.9
38	18.1	4.7
40	18.1	4.7

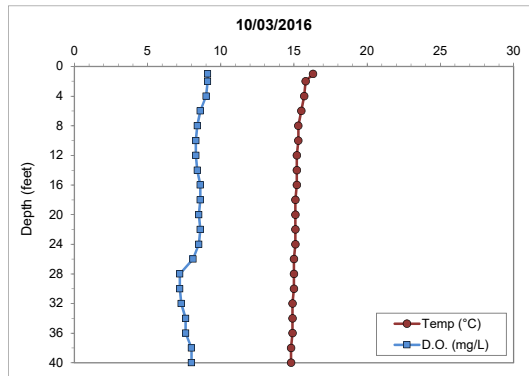


**Site 1 (Deep Hole): Sampling Event #14**

Date:	10/3/2016
Time (24 hr):	11:00
Collector(s):	KB,JB,MP
Secchi Depth (ft):	4.9

Max Depth at Site (ft):	40.1
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	20.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	16.3	9.1
2	15.8	9.1
4	15.7	9.0
6	15.5	8.6
8	15.3	8.4
10	15.3	8.3
12	15.2	8.3
14	15.2	8.4
16	15.2	8.6
18	15.1	8.6
20	15.1	8.5
22	15.1	8.6
24	15.1	8.5
26	15.0	8.1
28	15.0	7.2
30	15.0	7.2
32	14.9	7.3
34	14.9	7.6
36	14.9	7.6
38	14.8	8.0
40	14.8	8.0

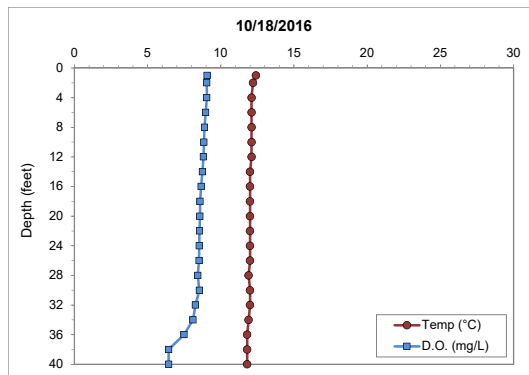


**Site 1 (Deep Hole): Sampling Event #15**

Date:	10/18/2016
Time (24 hr):	11:07
Collector(s):	KB,JB,MP
Secchi Depth (ft):	8.0

Max Depth at Site (ft):	39.8
Near-Surface Sample Depth (ft):	3.0
Mid-Water Column Sample Depth (ft):	20.0
Near-Bottom Sample Depth (ft):	37.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	12.4	9.1
2	12.2	9.0
4	12.1	9.1
6	12.1	9.0
8	12.1	8.9
10	12.1	8.9
12	12.1	8.8
14	12.0	8.8
16	12.0	8.7
18	12.0	8.6
20	12.0	8.6
22	12.0	8.6
24	12.0	8.5
26	12.0	8.5
28	11.9	8.4
30	12.0	8.5
32	12.0	8.3
34	11.9	8.1
36	11.8	7.5
38	11.8	6.4
40	11.8	6.4

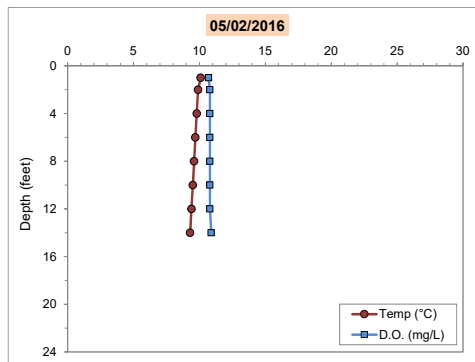


**Site 5: Sampling Event #1**

Date:	5/2/2016
Time (24 hr):	11:15
Collector(s):	BB,KB,JB
Secchi Depth (ft):	7.6

Max Depth at Site (ft):	16.0
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	10.1	10.7
2	9.9	10.8
4	9.8	10.8
6	9.7	10.8
8	9.6	10.8
10	9.5	10.8
12	9.4	10.8
14	9.3	10.9
15		
16		

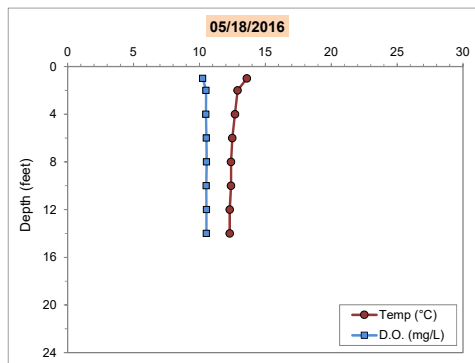


**Site 5: Sampling Event #2**

Date:	5/18/2016
Time (24 hr):	12:16
Collector(s):	KB,JB,MB
Secchi Depth (ft):	14.2

Max Depth at Site (ft):	15.2
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	13.6	10.3
2	12.9	10.5
4	12.7	10.5
6	12.5	10.5
8	12.4	10.6
10	12.4	10.5
12	12.3	10.5
14	12.3	10.5
15		
16		

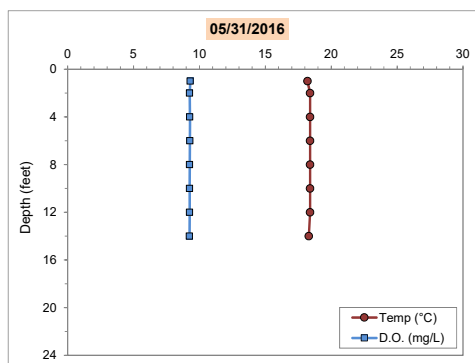


**Site 5: Sampling Event #3**

Date:	5/31/2016
Time (24 hr):	11:27
Collector(s):	KB,JB,MP,CP,JL
Secchi Depth (ft):	12.2

Max Depth at Site (ft):	16.4
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	18.2	9.3
2	18.4	9.3
4	18.4	9.3
6	18.4	9.3
8	18.4	9.3
10	18.4	9.3
12	18.4	9.3
14	18.4	9.3
15	18.3	9.3
16		

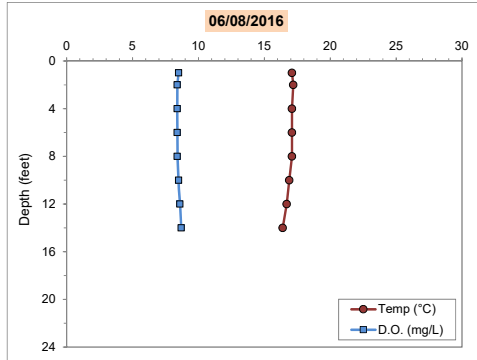


**Site 5: Sampling Event #4**

Date:	6/8/2016
Time (24 hr):	10:17
Collector(s):	KB,JB
Secchi Depth (ft):	11.0

Max Depth at Site (ft):	15.9
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	17.1	8.5
2	17.2	8.4
4	17.1	8.4
6	17.1	8.4
8	17.1	8.4
10	16.9	8.5
12	16.7	8.6
14	16.4	8.7
15		
16		

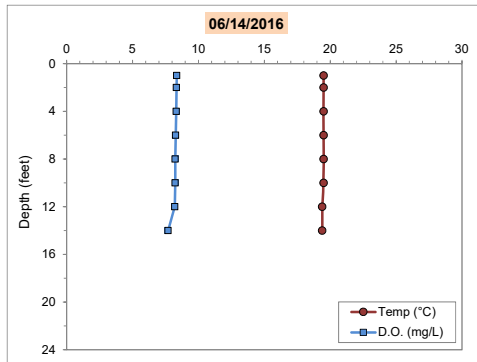


**Site 5: Sampling Event #5**

Date:	6/14/2016
Time (24 hr):	11:16
Collector(s):	KB,JB,MP
Secchi Depth (ft):	7.7

Max Depth at Site (ft):	15.8
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	19.5	8.4
2	19.5	8.3
4	19.5	8.3
6	19.5	8.3
8	19.5	8.2
10	19.5	8.2
12	19.4	8.2
14	19.4	7.7
15		
16		

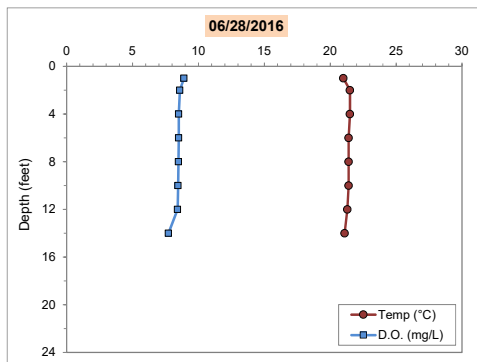


**Site 5: Sampling Event #6**

Date:	6/28/2016
Time (24 hr):	11:28
Collector(s):	CP,IL,KB
Secchi Depth (ft):	6.0

Max Depth at Site (ft):	15.7
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	21.0	8.9
2	21.5	8.6
4	21.5	8.5
6	21.4	8.5
8	21.4	8.5
10	21.4	8.5
12	21.3	8.4
14	21.1	7.7
15		
16		

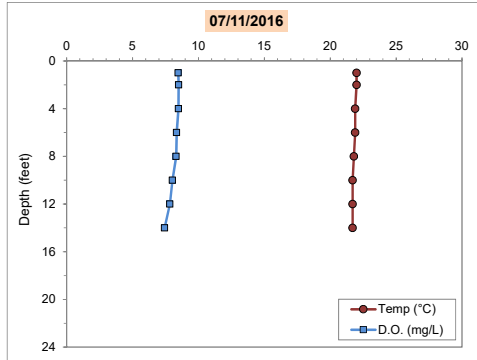


**Site 5: Sampling Event #7**

Date:	7/11/2016
Time (24 hr):	12:55
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.9

Max Depth at Site (ft):	15.4
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	22.0	8.5
2	22.0	8.5
4	21.9	8.5
6	21.9	8.4
8	21.8	8.3
10	21.7	8.0
12	21.7	7.8
14	21.7	7.4
15		
16		

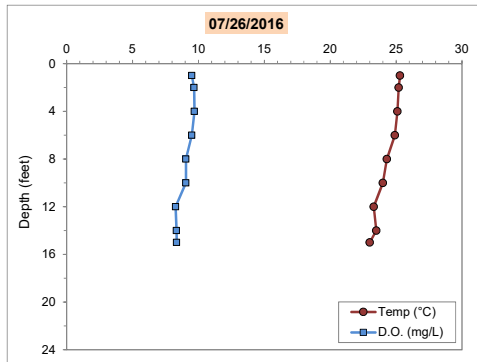


**Site 5: Sampling Event #8**

Date:	7/26/2016
Time (24 hr):	10:43
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.1

Max Depth at Site (ft):	15.4
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	25.3	9.5
2	25.2	9.7
4	25.1	9.7
6	24.9	9.5
8	24.3	9.1
10	24.0	9.1
12	23.3	8.3
14	23.5	8.3
15	23.0	8.4
16		

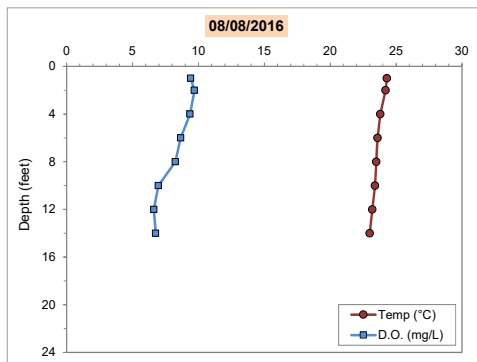


**Site 5: Sampling Event #9**

Date:	8/8/2016
Time (24 hr):	10:45
Collector(s):	KB,JB,MP
Secchi Depth (ft):	2.4

Max Depth at Site (ft):	15.4
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	24.3	9.4
2	24.2	9.7
4	23.8	9.4
6	23.6	8.7
8	23.5	8.3
10	23.4	7.0
12	23.2	6.6
14	23.0	6.8
15		
16		

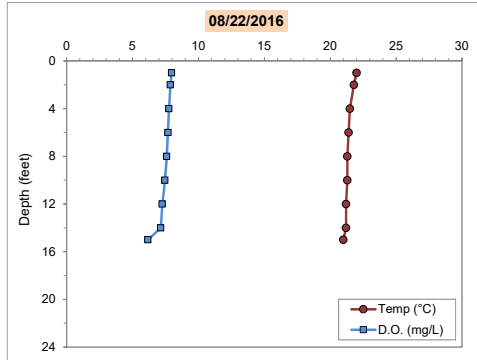


**Site 5: Sampling Event #10**

Date:	8/22/2016
Time (24 hr):	11:30
Collector(s):	KB,CP
Secchi Depth (ft):	3.8

Max Depth at Site (ft):	15.7
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	22.0	8.0
2	21.8	7.9
4	21.5	7.8
6	21.4	7.7
8	21.3	7.6
10	21.3	7.5
12	21.2	7.3
14	21.2	7.2
15	21.0	6.2
16		

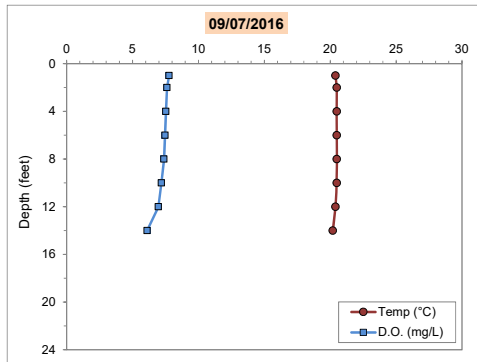


**Site 5: Sampling Event #11**

Date:	9/7/2016
Time (24 hr):	10:57
Collector(s):	KB,JB,MP
Secchi Depth (ft):	4.0

Max Depth at Site (ft):	15.1
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	20.4	7.8
2	20.5	7.6
4	20.5	7.5
6	20.5	7.5
8	20.5	7.4
10	20.5	7.2
12	20.4	7.0
14	20.2	6.1
15		
16		

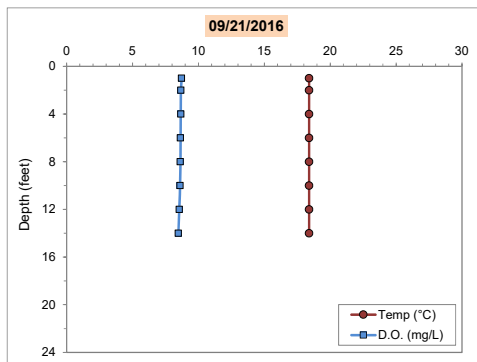


**Site 5: Sampling Event #12**

Date:	9/21/2016
Time (24 hr):	10:15
Collector(s):	KB,JB,MP
Secchi Depth (ft):	5.3

Max Depth at Site (ft):	15.7
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	18.4	8.7
2	18.4	8.7
4	18.4	8.7
6	18.4	8.6
8	18.4	8.6
10	18.4	8.6
12	18.4	8.6
14	18.4	8.5
15		
16		

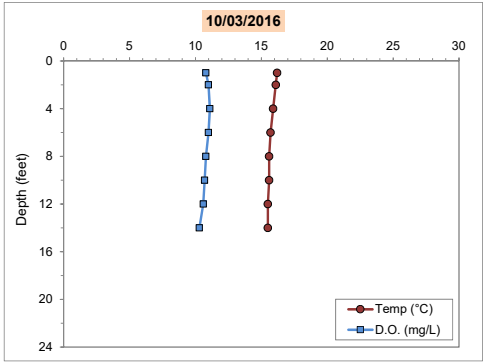


**Site 5: Sampling Event #13**

Date:	10/3/2016
Time (24 hr):	11:30
Collector(s):	KB,JB,MP
Secchi Depth (ft):	3.5

Max Depth at Site (ft):	15.0
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	16.2	10.8
2	16.1	11.0
4	15.9	11.1
6	15.7	11.0
8	15.6	10.8
10	15.6	10.7
12	15.5	10.6
14	15.5	10.3
15		
16		

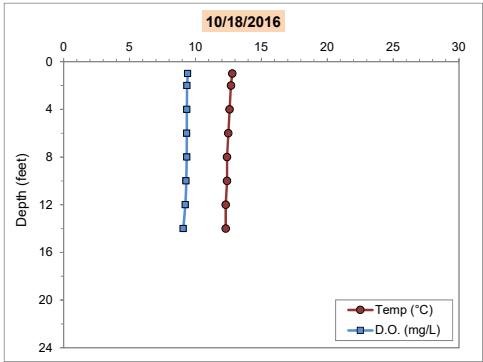


**Site 5: Sampling Event #14**

Date:	10/18/2016
Time (24 hr):	11:50
Collector(s):	KB,JB,MP
Secchi Depth (ft):	7.2

Max Depth at Site (ft):	15.9
Near-Surface Sample Depth (ft):	3.0

Depth (ft)	Temp (°C)	D.O. (mg/L)
1	12.8	9.4
2	12.7	9.4
4	12.6	9.4
6	12.5	9.3
8	12.4	9.4
10	12.4	9.3
12	12.3	9.2
14	12.3	9.1
15		
16		



**Dominant Phytoplankton Taxa in 2015 and 2016**

Month	Dominant Taxa
April/May	<i>Asterionella formosa</i>
	<i>Cosmarium</i> sp.
	<i>Cryptomonas</i> sp.
	<i>Cymbella</i> sp.
	<i>Dictyosphaerium</i> sp.
	<i>Dinobyron</i> sp.
	<i>Fragilaria crotonensis</i>
	<i>Gloeocystis</i> sp.
	<i>Gymnodinium</i> sp.
	<i>Mallomonas</i> sp.
	<i>Stephanodiscus</i> sp.
	<i>Synedra ulna</i>
	<i>Trachelomonas</i> sp.
June	<i>Dinobyron</i> sp.
	<i>Anabaena</i> sp.
	<i>Aphanizomenon flos-aquae</i>
	<i>Aphanocapsa</i> sp.
	<i>Asterionella formosa</i>
	<i>Ceratium hirundinella</i>
	<i>Dictyosphaerium</i> sp.
	<i>Fragilaria crotonensis</i>
	<i>Gloeotrichia echinulata</i>
	<i>Melosira</i> sp.
<i>Staurastrum paradoxum</i>	
<i>Trachelomonas</i> sp.	
July	<i>Anabaena</i> sp.
	<i>Aphanizomenon flos-aquae</i>
	<i>Aphanocapsa</i> sp.
	<i>Ceratium hirundinella</i>
	<i>Cryptomonas</i> sp.
	<i>Gloeotrichia echinulata</i>
	<i>Melosira</i> sp.
<i>Stephanodiscus</i> sp.	
August	<i>Anabaena</i> sp.
	<i>Ankistrodesmus</i> sp.
	<i>Aphanizomenon flos-aquae</i>
	<i>Dictyosphaerium</i> sp.
	<i>Fragilaria crotonensis</i>
	<i>Gomphosphaeria</i> sp.
	<i>Mallomonas</i> sp.
	<i>Melosira</i> sp.
	<i>Microcystis aeruginosa</i>
	<i>Pediastrum boryanum</i>
<i>Stephanodiscus</i> sp.	
<i>Synedra</i> sp.	
September	<i>Anabaena</i> sp.
	<i>Aphanizomenon flos-aquae</i>
	<i>Dictyosphaerium</i> sp.
	<i>Stephanodiscus</i> sp.
	<i>Fragilaria crotonensis</i>
	<i>Synedra</i> sp.
	<i>Gomphosphaeria</i> sp.
	<i>Cryptomonas</i> sp.
<i>Coelosphaerium</i> sp.	
October	<i>Anabaena</i> sp.
	<i>Aphanizomenon flos-aquae</i>
	<i>Coelosphaerium</i> sp.
	<i>Dictyosphaerium</i> sp.
	<i>Fragilaria crotonensis</i>
	<i>Gomphosphaeria</i> sp.
<i>Melosira</i> sp.	
<i>Stephanodiscus</i> sp.	





# B

## APPENDIX B

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**2017 Aquatic Plant Point-Intercept Survey Data**























Point Number	Latitude	Longitude	LAKE_NAME	COUNTY	DATE_	FIELD_CREW	DEPTH	SEDIMENT	POLE_ROPE	COMMENTS	Total Rate Fullness	<i>Ceratophyllum demersum</i>	<i>Chara</i> spp.	<i>Eleocharis acicularis</i>	<i>Eleocharis palustris</i>	<i>Elodea canadensis</i>	<i>Epilobium fluviatile</i>	Filamentous algae	<i>Isaetes</i> spp.	<i>Juncus pelecarpus</i>	<i>Myriophyllum sibiricum</i>	<i>Myriophyllum spicatum</i>	<i>Myriophyllum tenellum</i>	<i>Najas flexilis</i>	<i>Najas</i> spp.	<i>Potamogeton amplifolius</i> X <i>P. praelongus</i>	<i>Potamogeton crispus</i>	<i>Potamogeton foliosus</i>	<i>Potamogeton gramineus</i>	<i>Potamogeton praelongus</i>	<i>Potamogeton perfoliatus</i>	<i>Potamogeton richardsonii</i>	<i>Potamogeton robbinsii</i>	<i>Potamogeton strictifolius</i>	<i>Potamogeton vasyi</i>	<i>Potamogeton zosteriformis</i>	<i>Sagittaria</i> sp. (rosette)	<i>Scheuchzeria palustris</i>	<i>Vallisneria spiralis</i>			
505	45.98589716	-88.98744806	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	7	Muck	Pole	SAMPLED	3																															
506	45.98512325	-88.98746217	Kentuck Lake	Forest/Vilas	8/17/2017	JMB & AMS	5	Muck	Pole	SAMPLED	1																															
507	45.98434934	-88.98747628	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	1	Sand	Pole	SAMPLED	0																															
508	45.99672205	-88.98614004	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	0			NONNAVIGABLE (PLANTS)																																
509	45.99594814	-88.98615417	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	5	Sand	Pole	SAMPLED	1																															
510	45.99517423	-88.98616831	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	8	Sand	Pole	SAMPLED	3																															
511	45.99440032	-88.98618244	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	11	Sand	Pole	SAMPLED	0													3																		
512	45.99362641	-88.98619657	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	36			DEEP																																
513	45.99285251	-88.98621070	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	40			DEEP																																
514	45.99207860	-88.98622484	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	34			DEEP																																
515	45.99130469	-88.98623897	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	30			DEEP																																
516	45.99053078	-88.98625310	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	27			DEEP																																
517	45.98975687	-88.98626723	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	22		Rope	SAMPLED	0																															
518	45.98898296	-88.98628136	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	10	Muck	Pole	SAMPLED	0																															
519	45.98820905	-88.98629549	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	8	Muck	Pole	SAMPLED	1																															
520	45.98743514	-88.98630961	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	7	Sand	Pole	SAMPLED	1																															
521	45.98666123	-88.98632374	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	5	Sand	Pole	SAMPLED	1																															
522	45.98588732	-88.98633787	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	3	Sand	Pole	SAMPLED	0																															
523	45.99593828	-88.98504378	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	0			SHALLOW																																
524	45.99516438	-88.98505793	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	4	Sand	Pole	SAMPLED	1																															
525	45.99439047	-88.98507208	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	8	Sand	Pole	SAMPLED	2																															
526	45.99361656	-88.98508623	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	25		Rope	SAMPLED	0																															
527	45.99284265	-88.98510037	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	32			DEEP																																
528	45.99206874	-88.98511452	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	29			DEEP																																
529	45.99129483	-88.98512867	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	23		Rope	SAMPLED	0																															
530	45.99052092	-88.98514281	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	11	Muck	Pole	SAMPLED	1																															
531	45.98974701	-88.98515696	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	6	Sand	Pole	SAMPLED	1																															
532	45.99515451	-88.98394755	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	0			NONNAVIGABLE (PLANTS)																																
533	45.99438060	-88.98396172	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	0			NONNAVIGABLE (PLANTS)																																
534	45.99360669	-88.98397588	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	8	Sand	Pole	SAMPLED	2																															
535	45.99283278	-88.98399004	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	10	Sand	Pole	SAMPLED	2																															
536	45.99205887	-88.98400421	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	10	Muck	Pole	SAMPLED	1																															
537	45.99128497	-88.98401837	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	8	Muck	Pole	SAMPLED	1																															
538	45.99051106	-88.98403253	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	6	Rock	Pole	SAMPLED	0																															
539	45.99437072	-88.98285136	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	0			NONNAVIGABLE (PLANTS)																																
540	45.99359681	-88.98286554	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	0			NONNAVIGABLE (PLANTS)																																
541	45.99282291	-88.98287972	Kentuck Lake	Forest/Vilas	8/16/2017	EJH & CJF	6	Rock	Pole	SAMPLED	2																															
542	45.99204900	-88.98289389	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	4	Sand	Pole	SAMPLED	2																															
543	45.99127509	-88.98290807	Kentuck Lake	Forest/Vilas	8/16/2017	JMB & AMS	2	Rock	Pole	SAMPLED	0																															