

New Meter

Pigeon Lake Monitoring Data Sheet

Location: Site #1
 Date: 08/08/05
 Start Time: 08:00
 End Time: _____
 Collectors: Clarke, Williams, John, Rick
 Weather: Clear
 Air Temp: _____
 Precipitation: None

Dissolved Oxygen - Temp Measurements

Depth (ft)	Water Temp (°C)	D.O. (mg/L)
Surface	78.4	7.84
	78.4	8.04
	78.5	8.09
	78.4	8.04
	77.9	7.27
	73.2	8.68
	64.2	9.84
	57.8	8.95
	51.5	7.79
	49.4	6.73
	48.4	5.54
	47.6	4.13
	45.1	.48
	43.7	.33
	42.5	.30
	42.1	.27
	41.9	.26
	41.5	.24
	41.4	.24

Depth (ft)	Water Temp (°C)	D.O. (mg/L)
53		
54	41.4	.23
55		
56		
57	41.1	.22
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		

Secchi Disk Depth Measurements
 (Note: Perform on the boat's shady side)

Descending Depth: 8'0"
 Ascending Depth: 8'5" 8.25'

Transparency Depth: (Descending Depth + Ascending D) / 2
 Transparency Depth: _____

NOTES:

Pigeon Lake Sportsman's Club Water Quality Assessment Committee Data Report

Date: May 25, 2007 **Weather:** Clear - Temp 64 **Collectors:** Clarke, Jetzer
Time: 9:30 AM **Wind:** NE 7 MPH

GPS #1 - N43deg-59.108 - W87deg-52' 335		GPS #2 - N43deg-59-262 - W87deg-52' 329		GPS #3 - N43deg-59.330 - 87deg-52' 468			
DEPTH:	SITE #1	SITE #2	SITE #3	DEPTH:	SITE #1	SITE #2	SITE #3
	TEMP	DO	TEMP	DO	TEMP	DO	TEMP
0	65.5	10.24	65.7	9.80	66.0	9.77	
3	65.5	10.09	65.7	9.74	65.9	9.64	
6	65.5	10.08	65.6	9.69	65.7	9.82	
9	65.4	9.94	65.5	9.82	64.8	10.05	
12	65.3	10.16	65.4	9.86	63.9	10.27	
15	61.6	10.74	61.1	10.36	61.1	10.49	
18	55.5	11.78	56.2	11.53	54.3	11.46	
21	47.6	13.48	48.3	13.69	49.0	13.03	
24	44.8	13.33	44.7	13.26	45.5	12.36	
27	43.3	11.46	43.7	12.72	43.5	10.56	
30	42.6	11.40	42.8	10.84	42.8	8.75	
33	42.3	10.90	42.5	10.37	42.7	6.89	
36	42.0	9.91	42.2	4.83	42.4	1.99	
39	41.6	9.04					
42	41.5	7.77					
45	41.3	6.97					
48	41.5	7.58					
51	41.3	5.13					
54	41.2	4.20					
57	41.2	4.18					
60							
63							
66							
SECHL:	SITE #1	7.5 FT	SITE #2	6.5 FT	SITE #3	6.0 FT	
SHEET:	Water Quality Test 05/25/07						

Pigeon Lake Sportsman's Club Water Quality Assessment Committee Data Report

Date: Monday, July 16, 2007
 Time: 11:30 AM

Weather: Cloudy - Temp 67
 Wind: SE 2-3 MPH

Collectors: Jetzer, Entringer, Pontar, Clarke

GPS #1 - N43deg-59.108 - W87deg-52-335		GPS #2 - N43deg-59-262 - W87deg-52329		GPS #3 - N43deg-59.330 - 87deg-52.468		
DEPTH	SITE #1	SITE #2	SITE #3			
	TEMP	DO	TEMP	DO	TEMP	
0	73.90	9.29	74.20	9.24	74.50	9.17
3	74.00	8.99	74.10	9.29	74.00	8.64
6	74.00	8.76	74.00	9.06	73.90	9.38
9	73.90	9.00	73.70	8.70	73.80	9.33
12	73.40	8.67	73.30	8.97	73.40	8.98
15	72.70	8.40	72.80	8.41	72.80	8.38
18	66.60	11.83	65.70	11.44	66.20	12.16
21	66.60	13.01	56.90	13.49	56.30	14.01
24	49.40	11.24	48.80	11.58	48.20	9.34
27	45.20	10.22	46.80	9.44	45.20	6.77
30	44.10	6.53	44.60	4.39	44.20	3.02
33	43.00	3.52	43.20	2.74	43.60	1.21
36	42.70	0.70	42.60	0.59		
39	42.20	0.46	42.40	0.41		
42	41.90	0.37				
45	41.80	0.34				
48	41.60	0.31				
51	41.60	0.30				
54						
57						
60						
63						
66						
SECCHI:	SITE #1	10.25 ft	SITE #2	10 ft	SITE #3	9.75 ft
SHEET:	Water Quality Test 07/16/2007					

Date: **July 24, 2009** Weather: **CLEAR** Collectors: **Jetzer, Kocourek**

Time: **8:45am** Temp: **66** Precip: **None**

GPS#1 - N43deg-59.108 - W87deg-52.335 GPS#2 - N43deg-59.262 - W47deg-52.329 GPS#3 - N43deg-59.330 - W67deg-52.468

DEPTH:	SITE #1 (Deep Hole) 07/24 07/24	SITE #2 (off Betty's) 07/24 07/24	SITE #3 (Sunken Island) 07/24 07/24
	TEMP DO	TEMP DO	TEMP DO
0	72.0 3.19	72.1 5.17	71.9 5.36
3	72.0 4.23	72.1 4.90	72.1 5.20
6	72.0 3.58	72.1 4.82	72.0 5.03
9	72.0 3.66	71.9 4.79	71.8 4.94
12	71.6 3.73	71.3 4.85	71.3 4.88
15	71.0 3.79	70.9 4.81	70.6 4.86
18	69.9 3.94	69.5 4.79	69.5 4.80
21	65.5 4.53	64.8 5.31	65.3 5.45
24	58.3 5.21	59.1 5.50	58.6 5.67
27	53.5 5.62	53.3 5.80	54.2 5.59
30	50.1 5.05	50.4 5.40	52.6 3.51
33	47.0 4.95	48.0 4.71	
36	45.3 3.30	36 45.3 2.98	
39	44.2 2.86	39	
42	43.3 2.64	42	
45	42.2 2.47	45	
48	41.6 2.40	48	
51	41.3 2.30	51	
54		54	
57		57	
	SECCHI: SITE#1 6.5	SITE#2 6.5	SITE#3 7.0

SHEET: WATER-QUAL-TEST-072309

Date:	June 19, 2008	Weather:	CLEAR	Collectors:		GPS#1 - N43deg-59.108 - W87deg-52.335		GPS#2 - N43deg-59.262 - W47deg-52.329		GPS#3 - N43deg-59.330 - W87deg-52.468			
Time:	9:15am	Temp:	60	Precip:	None	SITE #1 - (Deep Hole)		SITE#2 (off Betty's)		SITE #3 (Sunken Island)			
Date:	June 23, 2009	Weather:	CLEAR	Collectors:	Clark, Entringer, Jetzer, Kocourek	06/19/08	06/23/09	06/19/08	06/23/09	06/19/08	06/23/09		
Time:	8:35am	Temp:	79	Precip:	None	TEMP	DO	TEMP	DO	TEMP	DO		
0	68.4	7.65	75.5	6.36	68.5	7.52	76.5	6.56	68.9	7.42	76.7	7.3	
3	68.4	7.63	75.3	6.37	68.6	7.65	75.8	6.59	68.9	7.61	75.8	7.04	
6	68.4	7.73	75.1	6.12	68.4	7.54	75.5	5.96	68.7	7.57	75.6	6.62	
9	68.3	7.69	72.5	6.14	68.4	7.47	73.5	6.01	68.4	7.65	73.7	6.43	
12	68	7.42	67.6	6.55	68.3	7.57	68	6.65	67.8	7.39	68.4	7.15	
15	66.3	7.66	65.3	6.71	65.3	7.66	65.7	6.88	66.1	6.82	65.7	7.45	
18	60.8	8.88	63.6	6.6	59.2	9.22	64.2	6.91	59.6	8.87	64.2	7.33	
21	54.1	9.60	62	6.54	54.7	9.3	61.3	7.05	54.6	8.33	61.6	7.27	
24	49	8.22	56.8	6.92	49	7.04	56.8	7.28	48.5	6.06	56.2	7.48	
27	46.1	5.75	52.4	6.95	46.2	4.18	51.8	7.5	46	3.5	51.8	7.17	
30	44.7	3.23	47.8	7.08	44.5	2.73	48.4	6.94	44.5	1.72	47.9	6.45	
33	43.8	2.15	46.8	6.6	43.9	1.83	46.4	6.29	44.1	0.86	46.4	5.69	
36	43.4	1.05	45.2	5.81									
39	42.9	0.50	43.4	4.54									
42	42.8	0.42	42.7	3.23									
45	42.6	0.36	41.9	2.88									
48	42.3	0.35	41.5	2.59									
51	42.2	0.34	41.1	2.4									
54													
57													
						06/23/09	SITE#1	19'			06/19/08	SITE#2	10.5'
						06/19/08	SITE#1	11.5'			06/19/08	SITE#2	10.5'
						06/23/09	SITE#1	19'			06/19/08	SITE#3	10.5'
						06/19/08	SITE#1	11.5'			06/19/08	SITE#3	10.5'
						SHEET: WATER-QUAL-TEST-062309							

Date:	27-Aug-08	Weather	Clear and Sunny	Collectors	Jack Clarke, Julian Jetzer	
Time:	8:25 AM	Wind:	Calm			
GPS #1 - N43deg-59.108 - W87deg-52-335		GPS #2 - N43deg-59-262 - W87deg-52329		GPS #3 - N43deg-59.330 - 87deg-52.468		
	SITE #1		SITE #2		SITE #3	
DEPTH	16-Jul	16-Jul	16-Jul	16-Jul	16-Jul	
	TEMP	TEMP	TEMP	TEMP	TEMP	
	DO	DO	DO	DO	DO	
0	73.3	8.47	73.4	8.51	73.5	8.73
3	73.3	8.54	73.4	8.48	73.5	8.78
6	73.3	8.35	73.4	8.5	73.5	8.7
9	73.3	8.5	73.4	8.42	73.5	8.76
12	73.1	7.99	73.2	8.21	73.3	8.71
15	72.5	8.09	72.5	8.18	72.7	8.19
18	67.2	9.05	68	8.83	67.9	9.11
21	59.6	8.99	59.3	9.34	59.5	9.7
24	53.9	5.23	52.7	4.43	52.8	3.8
27	49.7	2.01	49.4	1.27	49.4	1.2
30	47.1	1.55	47	1.1	47.7	1.1
33	46.2	1.2	46	0.88	46.6	0.54
36	44.8	0.61	44.6	0.48		
39	44	0.44	44	0.38		
42	43.6	0.36	43.7	0.36		
45	43.3	0.37				
48	43	0.35				
51	42.8	0.33				
54	42.7	0.33				
57	42.7	0.32				
60						
63						
66						
SECCHI:	SITE #1	15 FT	SITE #2	15 FT	SITE #3	15.5FT
SHEET:	Water Quality Test 08/27/08					