Snapshot Sept. 18, 2001

total depth:	11 m.
secchi depth:	1.38 m.

depth	D.O. mgl	Temp ©	TP uM	TN uM
0.5	8.68	21.7	0.75	39.3
1	8.63	21.7		
2	8.57	21.7		
3	8.54	21.7	0.86	41.3
4	8.33	21.7		
5	7.28	21.6		
6	6.12	21.5		
7	3	21.2		
8	0.33	17.2		
9	0.32	14.6	1.71	39.7
10	0.27	13.4	3.63	75.2
10.5	0.29	12.9		

Chia ug/l	phaeo ug/l
15.18	0
15.44	0
11.09	0
14.89	0

Herring Pond 2002

Section 1 – Dissolved Oxygen (mg/l)

	Dates of Tests				
Depth (m)	06/12/02	07/08/02	08/12/02	09/09/02	10/06/02
0.5	9.90	8.75	9.00	9.15	8.09
1.0	9.89	8.90	8.80	9.25	8.11
2.0	9.30	9.20	8.60	9.35	8.16
3.0	9.40	8.90	7.70	9.45	8.14
4.0	8.25	10.60	7.32	9.28	8.13
5.0	8.79	12.40	6.35	8.62	8.20
6.0	8.40	9.50	5.25	7.20	8.14
7.0	7.48	7.40	2.39	2.42	7.90
8.0	4.22	3.50	1.99	0.20	6.10
9.0	1.77	0.30	0.82	0.13	0.65
10.0	0.08	0.20	2.00	0.10	0.15
11.0					

Section 2 – Temperature ©

	Dates of Tests				
Depth (m)	06/12/02	07/08/02	08/12/02	09/09/02	10/06/02
0.5	19.2	26.2	26.3	23.0	19.8
1.0	19.3	26.1	26.3	22.7	19.8
2.0	19.2	25.7	25.8	22.6	19.8
3.0	19.1	25.5	25.7	22.6	19.7
4.0	19.0	24.0	25.6	22.3	19.7
5.0	18.8	21.0	24.6	21.9	19.7
6.0	17.7	19.3	23.3	21.6	19.7
7.0	15.1	17.6	19.4	20.8	19.6
8.0	13.8	15.6	17.3	17.4	19.2
9.0	13.0	14.6	15.8	15.7	18.5
10.0	12.3	13.5	14.3	13.7	15.1

Section 3 – Secchi Depths (m) and Surface Tempuature ©

	Dates of Tests								
Depth (m)	6/12	6/24	7/8	7/29	8/12	8/27	9/9	10/6	Average
Disappear	3.54	4.78	2.50	3.50	2.93	2.14	2.65	2.56	
Reappear	3.26	4.32	2.40	3.10	2.77	2.00	2.50	2.50	
Average	3.40	4.55	2.45	3.30	2.85	2.07	2.58	2.53	
Inverted	7.49	6.34	8.44	7.59	8.04	8.82	8.32	8.36	
Total	10.98	10.98	11.00	11.04	11.00	11.00	10.50	10.65	10.89375

Section 4 – Chlorophyll-a (ug/L)

Depth (m)	Dates of Tests 06/12/02	07/08/02	08/12/02	09/09/02	10/06/02
0.5	1.1	1.7	1.7	3.0	2.7
3.0	0.9	2.5	4.0	3.5	2.9
9.0	1.6	5.8	9.7	8.8	8.8
10.0	2.5	17.3	28.2	6.2	19.4

Surface Data	Dates of Tests 06/12/02	07/08/02	08/12/02	09/09/02	10/06/02
Secchi depth	3.4	2.45	2.85	2.575	2.53
Chlorphyll a	1.1	1.7	1.7	3.0	2.7
Total P (ug/L)	6	9	3	10	56
Total N (ug/L)	754	200	227	311	802

TSI Calc	Dates of Tests 06/12/02	07/08/02	08/12/02	09/09/02	10/06/02
Secchi Depth	42.4	47.1	44.9	46.4	46.6
Chlorphyll - a	31.5	35.8	35.8	41.4	40.3
Total P	30.0	35.8	20.0	37.4	62.2
Total N	50.4	31.2	33.1	37.6	51.3

Section 5a – Dissolved Nutrients (ppb) NH4

Depth (m)	Dates of Tests 06/12/02	07/08/02	08/12/02	09/09/02	10/06/02
0.5	12	15	13	18	15
3.0	23	111	8	18	17
9.0	255	15	28	198	145
10.0	333	18	1471	1932	1475

Section 5b – Dissolved Nutrients (ppb) PO4

Depth (m)	Dates of Tests 06/12/02	07/08/02	08/12/02	09/09/02	10/06/02
0.5	4	3	2	3	10
3.0	6	3	2	2	8
9.0	8	2	5	19	6
10.0	20	2	57	4	14

Section 5c – Dissolved Nutrients (ppb) NO3

Depth (m)	Dates of Tests 06/12/02	07/08/02	08/12/02	09/09/02	10/06/02
0.5	3	9	6	16	12
3.0	4	8	7	16	19
9.0	21	7	5	15	14
10.0	14	7	7	118	107

Section 6a -- Total Nutrients (ppb) TP

Depth (m)	Dates of Tests 06/12/02	07/08/02	08/12/02	09/09/02	10/06/02
0.5	6	9	3	10	56
3.0	11	6	3	12	9
9.0	11	8	12	26	7
10.0	21	21	58	5	16

Section 6b -- Total Nutrients (ppb) TN

	Dates of Tests				
Depth (m)	06/12/02	07/08/02	08/12/02	09/09/02	10/06/02
0.5	754	200	227	311	802
3.0	784	205	221	275	435
9.0	842	195	259	376	935
10.0	974	306	1655	2969	2890

Herring Pond 2003

Section 1 – Dissolved Oxygen (mg/l)

Dates of Tests

Depth (m)	5/26/2003	06/14/03	06/27/03	07/11/03	07/26/03	08/12/03	08/22/03	9/8/203	09/22/03	10/6/2003	10/28/2003
0.5	9.6	8.60	8.37	8.00	8.07	8.50	8.30	8.40	9.20	8.20	9.80
1.0	9.6	8.70	7.92	8.00	7.90	8.36	8.35	8.35	8.80	7.70	9.80
2.0	9.5	8.70	8.60	8.00	7.90	8.41	8.20	8.24	9.10	7.85	9.80
3.0	9.6	8.70	8.80	8.00	7.75	8.54	8.65	8.16	9.10	7.55	9.10
4.0	9.7	8.70	8.65	10.00	7.80	8.16	8.65	8.25	8.90	7.52	8.50
5.0	9.7	8.50	8.30	9.50	6.15	7.34	7.70	8.20	8.10	7.65	7.90
6.0	9.7	8.30	7.70	9.20	8.35	8.53	8.25	7.70	7.90	7.70	7.50
7.0	9.7	7.90	6.30	7.30	7.45	7.67	7.00	7.20	4.10	7.45	6.90
8.0	9.2	6.02	4.90	4.20	3.70	5.00	4.30	4.20	0.50	7.40	6.90
9.0	6.7	4.20	2.80	0.95	0.98	1.74	2.00	2.20	0.20	0.70	6.80
10.0	3.0	1.90	1.50	0.20	0.15	0.28	1.95	0.20	0.10	0.20	6.40
11.0	0.5	0.30	0.10	0.10		0.10					1.20

Section 2 – Temperature ©

Dates of Tests

Depth (m)	5/26/2003	06/14/03	06/27/03	07/11/03	07/26/03	08/12/03	08/22/03	9/8/203	09/22/03	10/6/2003	10/28/2003
0.5	15.3	18.4	25.2	25.3	25.2	26.7	26.6	22.7	22.5	18.3	13.7
1.0	15.3	18.4	25.2	25.3	25.2	26.6	26.6	22.7	22.3	18.3	13.6
2.0	15.2	18.3	20.8	25.3	25.1	26.6	26.5	22.7	22.2	18.2	13.6
3.0	15.2	18.3	20.1	25.3	25.1	26.2	26.4	22.6	22.2	18.1	13.5
4.0	15.2	18.3	19.7	22.5	25.0	26.1	26.1	22.6	22.1	18.0	13.4
5.0	15.2	17.7	19.4	20.9	24.6	25.6	25.7	22.6	22.0	18.0	13.4
6.0	15.2	16.5	18.3	19.2	19.7	21.9	22.6	22.2	21.9	17.9	13.3
7.0	14.2	15.5	15.7	16.6	17.2	18.0	18.7	19.9	21.7	17.8	13.2
8.0	10.9	13.1	13.3	14.3	14.6	15.9	15.7	16.6	17.4	17.8	13.2
9.0	10.2	10.9	11.7	12.2	13.0	13.7	13.9	14.7	15.3	15.9	13.1
10.0	9.7	10.2	11.1	13.5	11.6	12.1	12.5	12.9	13.3	13.6	13.1
11.0	9.4	9.8	10.4	10.9		11.5			12.7		13.1

Section 3 – Secchi Depths (m)

Dates of Tests

Depth (m)	5/26	6/14	6/27	7/11	7/26	8/12	8/22	9/8	9/22	10/6	10/28
Disappear	4.2	5.20	6.40	4.60	5.87	3.70	3.95	4.70	4.10	3.52	3.60
Reappear	3.8	5.00	6.60	4.40	5.80	3.40	3.60	4.50	3.90	3.55	3.30
Average	4	5.10	6.50	4.50	5.84	3.55	3.78	4.60	4.00	3.54	3.45
Inverted		-5.10		-4.50							
total	11	11.00	11.00	11.00	10.75	11.00	10.50	10.45	11.00	10.35	11.00

Herring Pond

Section 1 – Dissolved Oxygen (mg/l)

	Dates of T ests							
Depth (m)	5/25/2004	6/9/2004	6/24/2004	7/12/2004	7/26/2004	8/11/2004	8/25/2004	9/10/2004
0.5	8.4	9.35	8.83	7.65	8.6	8.9	7.1	8.95
1.0	8.4	9.2	8.7	7.7	8.8	8.8	7.6	8.9
2.0	8.5	9.5	8.88	7.7	8.9	8.9	7.2	8.9
3.0	8.5	9.45	8.4	7.8	8.8	8.8	7.3	8
4.0	8.4	9.6	8.95	7.77	8.8	8.9	6.7	8.7
5.0	8.4	9.45	8.9	8.7	7.6	8.7	6.9	8.6
6.0	8.9	9.48	9.47	8.8	9.4	7.8	7	8.5
7.0	9.4	9.35	9.77	8.7	9.3	7.8	5.4	6.2
8.0	7.5	9.12	9.4	6.7	5.5	5.9	3.1	3.2
9.0	3.9	5.2	5.1		2	3.2	0.7	0.3
10.0	0.4	2.35	1.26		0.6	0.2	0.1	0.2
10.5	0.2							
11.0								0.1

Section 2 – Temperature ©

	Dates of Tests							
Depth (m)	**5/25/04**	6/9/2004	6/24/2004	7/12/2004	7/26/2004	8/11/2004	8/25/2004	9/10/2004
0.5	12.1	19.7	22.3	24.5	24.3	24.2	23.9	24
1.0	12.1	19.5	22.1	24.5	24.2	24.2	23.9	24
2.0	17.9	18.9	22	24.5	24.2	24.2	23.9	24
3.0	17.9	18.3	21.8	24.5	24.2	24.2	23.9	23.8
4.0	17.9	18	21.5	24.3	24.2	24.2	23.8	23.8
5.0	17.9	17.8	21.1	22.4	23.6	24.2	23.8	23.8
6.0	14.5	17.6	19.9	20.5	21.6	23.8	23.6	23.6
7.0	14.5	17.3	18	18.3	18.7	22	23.1	22.9
8.0	11.9	15.5	16.5	16.9	16.9	19.2	19.6	20.7
9.0	11.2	13	14.2		15.3	17	17.8	18.1
10.0	10.4	12.2	13.8		14.4	15.1	15.4	16.2
10.5	10.6							
11.0								14.8

Section 3 – Secchi Depths (m)

	Dates of Tests							
	5/25/04	6/9/2004	6/24/2004	7/12/2004	7/26/2004	8/11/2004	8/25/2004	9/10/2004
Total	11.0	10.6	10.5	11	11	10.35	10.3	11
disappear	7.6	8.4	6.5	7.4	4.8	5.9	3.5	2.9
reappear	7.8	8.9	6.2	7.2	4.6	5.8	3.1	2.7
average	7.7	8.65	6.35	7.3	4.7	5.85	3.3	2.8

Changed for plotting chart

5/25/03	6/9/2003	6/24/2003	7/12/2003	7/26/2003	8/11/2003	8/25/2003	9/10/2003

9/14/2004	10/8/2004	11/7/2004
8.45	4.2	10.3
8.7	4.2	10.25
8.8	4.1	10.3
8.9	4	10.2
8.9	3.7	10.1
8.9	3.7	10.09
8.9	3.6	10.1
7.7	3.5	10.23
3.2	3.2	10.18
0.2	3.1	10.2
0.2	1.3	10.03
0.1	0.2	

9/14/2004	10/8/2004	11/7/2004
23	18.7	11.2
22.9	18.7	11.2
22.9	18.7	11.2
22.9	18.4	11.1
22.9	18.2	11.1
22.9	18.2	11.1
22.8	18.1	11.1
22.5	18.1	11.1
21.3	18.1	11.1
18.4	18	11.1
15.5	17.6	11
14.8	16.2	

9/14/2004	10/8/2004	11/7/2004
11	11	10.55
2.5	2.2	3.7
2.3	2	3.6
2.4	2.1	3.65

9/14/2003	10/8/2003	11/7/2003

HERRING POND **2006**

SECTION 1 **D.0. IN MGL.**

	DATES					logger in	
	logger in			log. Out		buoy reset	
DEPTHS (M.)	4/26/2006	5/25/2006	6/13/2006	6/23/2006	7/15/2006	7/30/2006	8/14/2006
0.5	10.3	9.5	10.2	9.01	8.5	6.8	7.25
1	10.3	9.4	11.2	8.85	8.7	7.1	7.45
2	10.5	9.1	10.25	8.5	8.6	7.15	7.57
3	10.4	9.2	10.3	8.48	8.4	7.2	7.4
4	10.1	9.2	9.6	11.4	8.7	7.3	7.05
5	10.3	8.9	9.5	10.2	8.2	6.9	7.33
6	10.2	8.6	8	7.54	7.9	6.7	6.42
7	10.3	7.9	4.1	3.75	3.7	3.1	3.66
8	10.1	5.1	0.4	0.32	1.6	2.1	3.44
9	7.2	3.4	0.16	0.16	2.2	1.6	5.33
10	5.4	0.9	0.16	0.16	0.3	0.2	0.33
10.5			0.12				
11				0.13			

SECTION 2 **TEMP IN C.**

	DATES						
DEPTHS (M.)	4/26/2006	5/25/2006	6/13/2006	6/23/2006	7/15/2006	7/30/2006	8/14/2006
0.5	11.6	16.7	19.3	23.9	25.7	27.2	24.9
1	11.6	16.5	18.6	23.9	25.6	27.1	24.9
2	11.6	16.1	18.2	23.8	25.6	27	24.9
3	11.6	16.1	17.9	23.8	25.2	26.7	24.9
4	11.5	16.1	17.7	20.4	25	26.6	24.8
5	11.5	15.2	17.5	18.8	22.6	25.3	24.7
6	11.3	15	17.3	18.1	19	20	23.3
7	11.1	14.4	14.7	16.5	17.5	18.1	18.8
8	10.8	12.8	13.4	15.1	15.8	16	16.2
9	9.2	12.3	12.7	13.7	14.1	14	14.5
10	8.6	11.9	12	12.8	13.1	12.7	12.9
10.5			11.9				
11				12.8			

SECCHI DEPTHS **IN METERS**

	DATES						
	4/26/2006	5/25/2006	6/13/2006	6/23/2006	7/15/2006	7/30/2006	8/14/2006
TOTAL DEPTH	10.5	10.5	10.55	11	9.09	10.5	10.4
DISAPPEAR	3	8	1.9 *	3.5 *	3.33 *	4.5 *	3.8 *
REAPPEAR	2.8	7.8	1.45	3	3.18	4.3	3.6
AVERAGE	2.9	7.9	1.68	3.25	3.24	4.4	3.7

* with scope

logger retrieved 10/15

SMAST CACO .5

8/30/2006	9/16/2006	9/30/2006	10/12/2006
8.3	9.6	8.8	9.45
8.3	9.6	8.8	8.95
8.35	9.7	8.8	9.15
8.2	9.8	8.7	9.05
7.95	9.5	8.7	8.9
7.8	9.4	8.7	8.76
7.75	8.8	8.7	7.63
4.96	7.4	8.7	7.26
2.25	3.4	8.7	16.9
0.33	0.3	1.3	15.2
0.18	0.2		
0.16	0.2	0.6	

8/30/2006	9/16/2006	9/30/2006	10/12/2006
22.4	20.4	18.8	17.2
22.4	20.2	18.9	17.2
22.4	20.1	18.9	17.2
22.4	20	18.9	17.1
22.4	19.9	18.9	17.1
22.4	19.8	18.9	17.1
22.3	19.7	18.9	17.1
21.7	19.6	18.9	17
18.1	18.7	18.9	17
15.6	15.2	16.6	16.9
13.7	13.6	14.2	15.2
12.8	12.7		

8/30/2006	9/16/2006	9/30/2006	10/12/2006
10.4	10.5	11	10.3
2.7	2.4	1.8	1.4
2.5	2.2	1.6	1.3
2.6	2.3	1.7	1.35

Herring Pond 2007 1st year maintenance sampling

TEMPS (c)

	DATES		
depth (m)	5/1/2007	8/27/07*	10/30/2007
0.5	12.7	24.8	15.2
1	12.7	24.8	15.2
2	12.6	24.7	15.1
3	12.2	24.4	15.1
4	11.5	23.6	15.1
5	10.2	23	15
6	9	22.6	15
7	8.3	18.8	15
8	8	15.2	15
9	7.8	13.4	14.9
10	7.6	11.6	15.2

TEMPS (C)

depth (m)
0.5
1
2
3
4
5
6
7
8
9
10

D.O. (mgl)

	DATES		
depths	5/1/2007	8/27/2007	10/30/2007
	13.96	7.6	8.7
1	13.99	8	8.8
2	13.71	8.1	8.5
3	14.35	8.3	8.8
4	14.95	8.3	8.8
5	14.91	8.5	8.5
6	13.97	7.7	8.4
7	13.68	4.1	8.4
8	12.62	3.9	8.2
9	11.03	1.1	8.2
10	8.65	0.3	2.2

	5/1/2007	
DO (mg/L	did %; we converted	
	13.96	95.7
	13.99	95.9
	13.71	94
	14.35	98.4
	14.95	102.5
	14.91	102.2
	13.97	95.8
	13.68	93.8
	12.62	86.5
	11.03	75.6
	8.65	59.3

D.O. (mgl)

depth (m)
0.5
1
2
3
4
5
6
7
8
9
10

SECCHI DEPTH (M)

	DATES		
	5/1/2007	**8/27/2007**	10/30/2007
disap	2.1	3.1	2.4
reap	2	3.1	2.2
average	2.05	3.1	2.3
total	10.8	10.4	10.25
	levy	olthof	levy

* SMAST

SECCHI (M

disap
reap
average
total

*chlorophyl
delivered to

2008 season

2009 season

l

	DATES	
4/21/2008*	**8/25/08 SMAST**	10/24/2008
12.5	24.9	16.9
12.5	24.6	16.9
12.4	24.6	16.9
12.4	24.5	16.9
12.4	24.4	16.9
12.4	24.4	16.9
8.9	24.1	16.9
8.2	21.8	16.9
7.9	18.3	16.8
7.6	11.4	16.9
7.6		16.6

TEMPS ©

	DATES
depth (m)	4/30/2009*
0.5	14.9
1	14.8
2	14.8
3	14.7
4	14.4
5	12.7
6	11.3
7	10.9
8	10.6
9	10.1
10	9.8

	DATES	
4/21/2008	8/25/2008	10/24/2008
10.04	8.8	8.86
10.07	9.1	8.66
10.5	9.1	8.8
10.62	9	8.84
10.54	8.7	8.95
10.67	8.7	8.76
11.8	7.8 .	7.28
9.78	7.6	7.34
8.59	2.9	7.39
5.46	0.7	5.42
5		0.29

D.O. (mgl)	DATES
	4/30/2009
0.5	9.6
1	9.35
2	9.17
3	9.65
4	9.45
5	10.86
6	9.95
7	10.7
8	9.48
9	7.93
10	5.88

1)

	DATES	
4/21/2008	8/25/2008	10/24/2008
3.58	2.2	1.36
3.15	1.9	1.38
3.37		1.37
9.3	9.6	10.25

SECCHI (m)

	DATES
	4/30/2009
disap	3.7
reap	3.5
total	10.7

ll (whole, fr fresh) @ .5 m.
Seashore lab that day

*chloroph. Fresh, .5

Herring Pond 2005

Section 1 – Dissolved Oxygen (mg/l)

Dates of tests

Depth (m)	**4/19/2005**	**5/11/2005**	5/23/2005	6/9/2005	6/29/2005	7/13/2005	7/30/2005	8/18/2005	9/1/2005	9/12/2005	9/26/2005	10/20/2005
0.5	10.5	10.25	9.9	10	6.9	8.1	8.3	8.9	11.6	8.4	7.8	7.7
1.0	10.6	10.25	9.7	10	6.9	8.2	7.9	9.1	11.8	8.3	8.2	7.8
2.0	10.6	10.1	9.75	10.2	6.9	7.9	7.9	8.9	11.5	7.8	8.3	7.7
3.0	10.7	10.3	9.95	10.6	7.6	8.2	8.5	9	11.4	7.5	7.9	7.6
4.0	11	10.2	9.75	11.7	7.9	8.5	8	8.7	10.8	7.5	7.4	7.6
5.0	11	10.08	9.25	11.4	9.5	8.8	9.4	7.5	7.3	6.6	7.3	7.5
6.0	10.8	10.5	9.7	11.1	10.6	10.7	10.6	9.6	8.5	2.9	6.5	7.2
7.0	10.7	10.4	9.7	10.7	9.9	9.7	9.7	8.8	5.5	1.9	0.6	7.4
8.0	10.2	9.75	9.4	9.9	7.3	5.5	4.5	4.6	2.2	0.2	0.2	7.5
9.0	9.2	9.55	8	7.7	3.1	1.3	1.4	1.6	0.4	0.2	0.2	7.3
10.0	8.6	9.5	5	4.1	0.6	0.2	0.25	0.3	0.3	0.1	0.16	7.1
11.0				2.3	0.2			0.1	0.2			6.3

Section 2 – Temperature ©

dates of tests

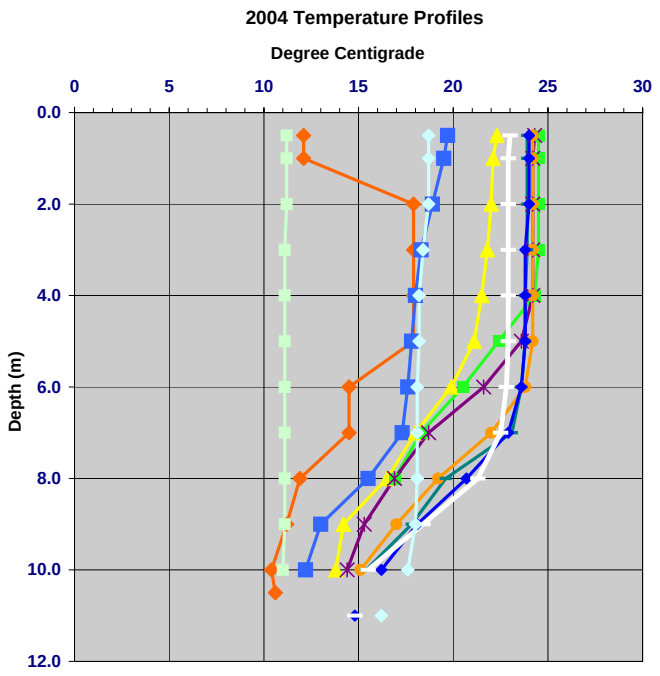
Depth (m)	**4/19/05**	5/11/2005	5/23/2005	6/9/2005	6/29/2005	7/13/2005	7/30/2005	8/18/2005	9/1/2005	9/12/2005	9/26/2005	10/20/2005
0.5	12.1	13	13.8	23.1	24.7	23.5	25.4	26	25.9	23	21.5	15.7
1.0	12.1	12.8	13.8	22.6	24.7	23.5	25.3	26.1	25.8	23	21.5	15.7
2.0	12	12.8	13.8	21.5	24.7	23.3	25.3	26	25.5	23	21.5	15.6
3.0	11.9	12.6	13.8	20.7	23.6	23.1	25.2	26	25.5	22.9	21.5	15.5
4.0	10.3	12	13.7	15.7	22.1	22.2	25.1	25.9	25.4	22.9	21.4	15.5
5.0	9.9	11.7	13.6	14.6	19.6	21.2	23.8	24.8	24.4	22.7	21.4	15.5
6.0	9.7	11.6	13.5	13.8	16.3	16.7	18.9	20.8	20.4	20.4	21.3	15.5
7.0	9.5	11.6	13.4	13.2	14.8	14.9	16.2	17.5	17.2	17.5	18.5	15.5
8.0	9.2	11.5	13.3	12.9	13.6	13.9	14.6	15.8	15	15.5	16.3	15.5
9.0	8.7	11.5	12.5	12.7	13.1	13.1	13.6	14	14	13.8	14.2	15.4
10.0	8.6	11.4	11.8	12.4	12.7	12.6	12.7	13.2	12.8	13.2	13.2	15.4
11.0				12.3	12.3			12.6	12.5			15.4

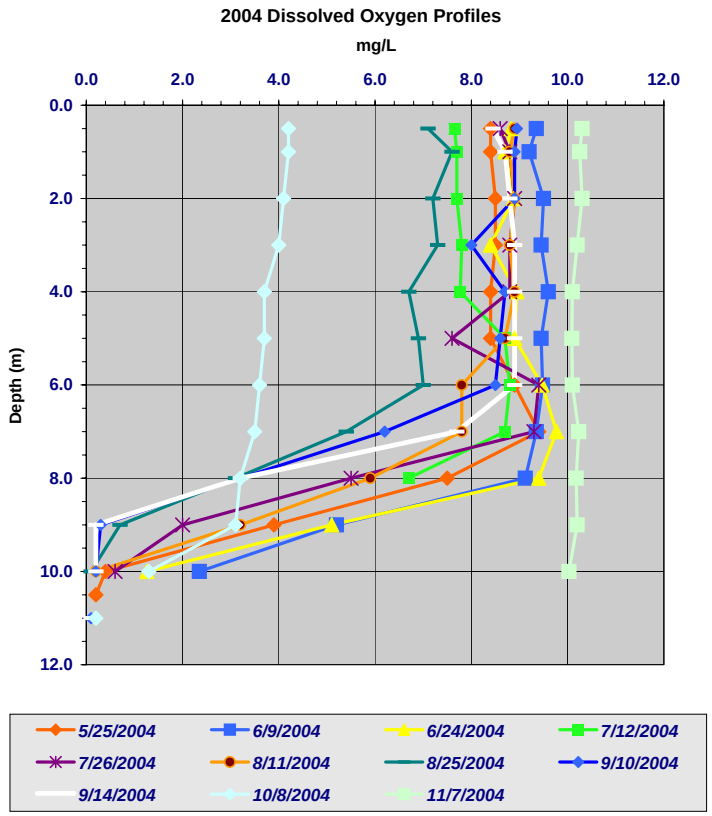
Section 3 – Secchi Depths (m)

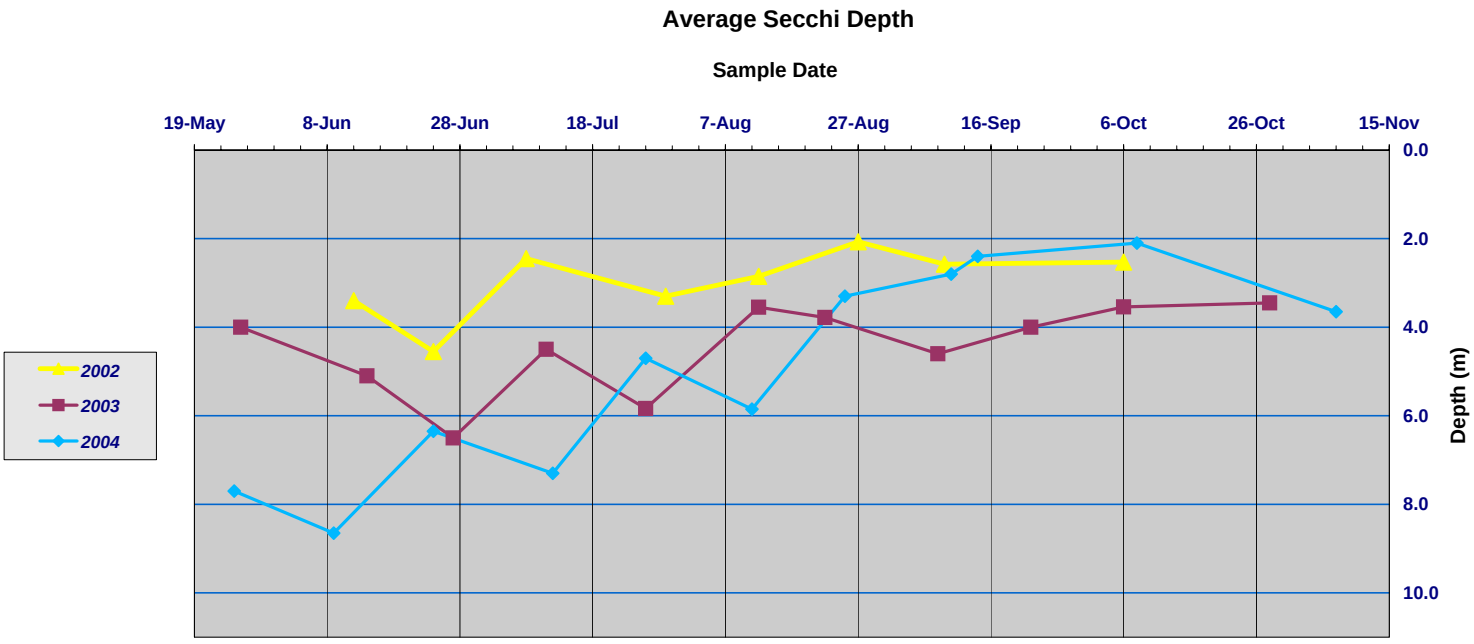
Dates of Tests

	4/19/05	5/11/2005	5/23/2005	6/9/2005	6/29/2005	7/13/2005	7/30/2005	8/18/2005	9/1/2005	9/12/2005	9/26/2005	10/20/2005
total	10.7	10.7	10.5	11	11	10.5	10.5	11	11	10.4	10.5	11
disappear	2.4	5.75	6.9	3.9	3.7	4.2	3	1.8	1.3	0.8	0.85	1.3
reappear	2.2	5.6	6.5	3.7	3.5	4	2.6	1.6	1.1	0.65	0.85	1.2
average	2.3	5.65	6.7	3.8	3.6	4.1	2.8	1.7	1.2	0.73	0.85	1.25

Herring Pond







Herring Pond 2010

9/2/10 GPS for 10.5m depth: 41degrees-49.56secs; 69 d

	dates	SMAST
temp (c)	4/22/2010	9/2/2010
depth (m)		
0.5	13.9	26.6
1	13.8	26.4
2	12.9	24.4
3	12	22.6
4	10.8	21.8
5	11.5	21.4
6	10.4	21.1
7	8.7	19.2
8	8	15
9	7.8	11.6
10		10.6
10.5		10.5

D.O. (mgl)	4/22/2010	9/2/2010
depth (m)		
0.5	10.5	10
1	10.3	10
2	10.7	13.7
3	10.7	13.3
4	11.8	9.5
5	10.3	7.3
6	10	4
7	9.4	0.5
8	5.1	0.3
9	3.8	0.25
10		0.24
10.5		0.2

Secchi (m)	4/22/2010	9/2/2010
disapp	1.56	1.36
reapp	1.46	ND
average		
total	9.9	10.5

fresh chlorophyll at surface

legrees; 59.26 secs