

Memorandum

Date: February 11, 2010

To: Mr. Will Travis
San Francisco Bay Conservation
and Development Commission
50 California Street, Suite 2600
San Francisco, CA 94111
Attention: Bob Batha

Mr. Bruce Wolfe
Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612
Attention: Andree Greenburg

From: Charles Armor, Regional Manager 
Department of Fish and Game Bay Delta Region, Post Office Box 47, Yountville, California 94599

Subject: Submittal of 2009 Data for San Francisco Bay Regional Water Quality Control Board Permit (RWQCB Order No. R02-2004-0063) and Bay Conservation and Development Commission Permit (Permit #8-04) Requirements; Department of Fish and Game, Napa-Sonoma Marshes Wildlife Area, Napa River Unit, Ponds 3, 4, and 5, Napa and Solano Counties

Attached is the 2009 data for the Napa River Salt Marsh Restoration Project. This memorandum satisfies the Department of Fish and Game's (DFG) permit obligations for the San Francisco Bay Regional Water Quality Control Board Permit (RWQCB Order No. R02-2004-0063) and Bay Conservation and Development Commission Permit (Permit # 8-04) requirements.

Data included are:

- Monthly comparison data (from January 2009 to December 2009) including pH, temperature, dissolved oxygen (DO), salinity and turbidity (Attachment A)
- Hourly DO monitoring data for Pond 3 (from January 1, 2007 to December 31, 2007) (Attachment B)
- Sedimentation locations and data (maps and coordinates) (Attachment C)

Mercury and methyl mercury data was not collected in 2009 due to bond freezes because of the State of California's financial problems. Instead of water and sediment mercury and methyl mercury sampling, biosentinal fish were planned to be implemented in December 2008/January 2009 before funding was suspended. Since the funding sources have become unfrozen and accessible, biosentinal fish sampling has been conducted in December 2009 and the surveys have funding for sampling in 2010.

Data from U.S. Geological Survey, including bathymetry surveys and bird surveys are not included in this memorandum. A detailed analysis of the entire 2009 data, as well as 2010 data, will be discussed in the biennial report scheduled for January 2011. **Monthly water quality for Ponds 1, 1A and 2 for the months of January, February and March are included in the data and will be analyzed in DFG-collected data with a disclaimer that the data was not collected at the same time or with the same equipment.**

Hourly DO monitoring data for Pond 3 was collected for January 1 through January 22, 2009. Unfortunately, for some unknown reason the sonde data only recorded and displayed alternating readings of "power loss" and "late probe turn on" for 206 pages. It should be noted that this sonde battery compartment had experienced damage from a leaking battery in the recent past but had still collected data afterward. This corrosion over time could be a plausible cause for the malfunction.

Due to the copious amount of paper, copies of the deployed data for Pond 3 are available upon request. If you have questions or concerns relating to this project please contact Ms. Karen Taylor, Associate Wildlife Biologist, at (707) 944-5567; or Mr. Larry Wyckoff, Senior Wildlife Biologist, at (707) 944-5542.

Attachment

cc: Ms. Bonnie Turner
Wildlife Conservation Board
1807 13th Street, Suite 103
Sacramento, CA 95814

Ms. Betsy Wilson
California Coastal Conservancy
11th Floor, 1330 Broadway
Oakland, CA 94612

Ms. Susanne von Rosenberg
GAIA Consulting, Inc.
3310 Hagen Road
Napa, CA 94558

ATTACHMENT A

Date: 1/6/2009

Weather: Sunny/Calm/45°

Observers: Karen Taylor, Mike Sipes

Monthly Comparison Points

Lower Pond Restoration

Variables	Locations									
	1	1A	2	3A	3B	4A	4B	5A	NR	CL
LDO (mg/L)	8.73	16.29	9.07	10.27	10.93	10.56	9.63	9.59	9.74	
LDO (% sat)	83.50	145.00	80.10	99.50	109.50	101.50	93.50	91.00	82.80	
Salinity (ppt)	19.23	19.57	22.35	18.09	17.96	17.87	18.08	18.20	17.81	
Specific conductivity (mS/cm)	33.50	34.09	38.94	29.32	29.10	28.97	29.27	29.47	28.89	
pH	8.36	8.97	8.16	7.78	7.87	7.81	7.72	7.66	7.70	
Temperature (°C)	12.91	14.4	10.1	9.40	10.59	9.04	8.91	8.37	8.59	
Comments:	-1.00' tide at noon; USGS data collected for 1, 1A and 2 on Jan 12, 13, and 9 2009 respectively. USGS data collected at two locations. Chose location closest to DFG location. USGS locations windy 5-12 mph. USGS salinity is calculated and not direct from water quality equipment (sp con divided by 1.742). USGS % saturation are approximate off of DO Conversion chart.									
Low Tide at:										
High Tide at:										

Date: 2/23/2008

Weather: Windy/Heavy Rain/Showers

Observers: Karen Taylor, Mike Sipes

Monthly Comparison Points

Lower Pond Restoration

Variables	Locations										
	1	1A	2	3A	3B	4A	4B	5A	NR	CL	
LDO (mg/L)	10.75	7.76	6.46	9.23	9.47	9.24	9.32	9.39	9.22		
LDO (% sat)	97.00	73.50	65.00	90.40	92.30	90.20	91.10	88.40	89.80		
Salinity (ppt)	17.89	14.09	16.99	7.84	9.23	6.28	8.64	2.35	7.64		
Specific conductivity (ms/cm)	31.16	24.54	29.6	13.66	15.81	11.03	14.88	4.34	13.21		
pH	8.44	8.08	7.7	7.82	7.87	7.76	7.85	7.63	7.78		
Temperature (°c)	12.19	12.24	14.34	12.09	11.62	12.20	11.86	12.03	12.09		
Comments:	-1.00' tide at noon; USGS data collected for 1, 1A and 2 on February 12, 19, and 24 2009 respectively. USGS data collected at two locations. Chose location closest to DFG location. USGS locations windy 5-12 mph. USGS salinity is calculated and not direct from water quality equipment (sp con divided by 1.742). USGS % saturation are approximate off of DO Conversion chart.										
Low Tide at:											
High Tide at:											

Date: 3/26/2009

Weather: clear/slight breeze

Observers: Karen Taylor, Mike Sipes

Monthly Comparison Points

Lower Pond Restoration

		Locations										
Variables	Time	1	1A	2	3A	3B	4A	4B	5A	NR	CL	
LDO (mg/L)		11.57	13.86	10.25	9.49	9.72	9.40	9.52	9.20	9.61		
LDO (% sat)		113.50	133.50	108.50	99.00	103.60	98.40	99.80	94.90	100.20		
Salinity (ppt)		11.16	10.8	13.5	9.13	9.34	8.93	9.17	7.05	9.38		
Specific conductivity (mS/cm)		19.44	18.82	23.52	15.69	16.10	15.16	15.74	12.29	16.07		
pH		8.82	9.05	8.21	7.95	7.99	7.93	7.96	7.87	7.96		
Temperature (°C)		15.92	16.28	17.77	14.74	15.81	14.85	14.97	14.78	14.69		
Comments:	-1.00' tide at noon; USGS data collected for 1, 1A and 2 on March 12, 12, and 25 2009 respectively. USGS data collected at two locations. Chose location closest to DFG location. USGS locations windy 6-8 mph. USGS salinity is calculated and not direct from water quality equipment (sp con divided by 1.742). USGS % saturation are approximate off of DO Conversion chart.											
Low Tide at:												
High Tide at:												

Date:

4/30/2009

Weather:

partly cloudy/slight breeze

Observers:

Karen Taylor, Mike Sipes

Monthly Comparison Points

Lower Pond Restoration

Variables	Locations									
	1	1A	2	3A	3B	4A	4B	5A	NR	CL
LDO (mg/L)	8.75	16.68	11.18	9.46	10.33	9.16	8.56	9.63		9.07
LDO (% sat)	95.20	185.60	123.80	98.60	107.60	95.80	88.2	102.8		96.1
Salinity (ppt)	19.41	15.24	15.28	14.9	14.53	14.59	15.08	14.7		14.37
Specific conductivity (mS/cm)	31.19	25.08	25.13	24.56	23.98	24.11	24.85	24.29		23.81
pH	8.47	8.71	8.27	8.08	8.14	8.07	8	8.07		8.04
Temperature (°c)	14.06	16.56	16.08	13.35	13.13	13.63	12.65	14.41		14.06
Comments:	-1.00' tide at noon;									
Low Tide at:										
High Tide at:										

Monthly Comparison Points

Lower Pond Restoration

Date: 5/20/2009

Weather: clear/breezy

Observers: Karen Taylor, Mike Sipes

Variables	Locations									
	1	1A	2	3A	3B	4A	4B	5A	NR	CL
LDO (mg/L)	9.06	14.13	6.72	8.10	8.23	8.00	8.04	7.77	8.17	8.17
LDO (% sat)	107.7	166.6	77.2	92.7	95.2	91.8	92.1	90.7	94.3	94.3
Salinity (ppt)	18.61	12.03	12.3	13.62	14.36	13.14	13.85	11.53	13.41	13.41
Specific conductivity (mS/cm)	30.27	20.20	20.63	22.63	23.69	21.91	23.01	19.45	22.36	22.36
pH	8.52	8.73	8.1	8.06	8.04	8.01	8.03	8.03	8.05	8.05
Temperature (°C)	18.61	19.74	18.7	18.36	18.27	18.52	18.18	19.75	18.58	18.58
Time										
Comments:										
Low Tide at:										
High Tide at:										

Date:

6/25/2009

Weather:

clear/gusty wind

Observers:

Karen Taylor, Mike Sipes

Monthly Comparison Points

Lower Pond Restoration

Variables	Locations									
	1	1A	2	3A	3B	4A	4B	5A	NRCL	
LDO (mg/L)	11.35	7.52	10.09	7.20	7.45	7.19	7.39	6.75	7.73	
LDO (% sat)	147.3	101.7	134.3	87.1	90	87.2	88.4	83.7	93.3	
Salinity (ppt)	16.92	23.18	17.19	16.66	16.76	16.63	16.67	16.21	16.74	
Specific conductivity (ms/cm)	27.56	36.69	28	27.21	27.35	27.18	27.23	26.54	27.31	
pH	8.84	8.92	8.71	7.97	8.02	7.99	7.99	7.76	8.03	
Temperature (°C)	33.68	23.62	24.5	19.56	19.62	19.62	19.53	21.04	19.59	
Comments:	saw harbor seal in pond inside breach									
Low Tide at:										
High Tide at:										

Date:

7/21/2009

Weather:

sunny/clear/windy

Observers:

Karen Taylor, Mike Sipes

Monthly Comparison Points

Lower Pond Restoration

Variables	Locations									
	1	1A	2	3A	3B	4A	4B	5A	NR	CL
LDO (mg/L)	7.15	13.60	6.59	7.01	7.23	6.87	7.12	6.34		7.13
LDO (% sat)	96	174.2	83.5	87.2	91.5	85.3	88.7	80		89
Salinity (ppt)	28.01	19.56	20.16	19.56	19.66	19.48	19.63	19.44		19.57
Specific conductivity (ms/cm)	43.37	31.39	32.33	31.47	31.58	31.33	31.55	31.28		31.47
pH	8.29	8.63	7.9	8	8.04	7.94	8.03	7.84		8.02
Temperature (°c)	21.87	22.25	21.46	20.38	20.53	20.54	20.38	21.24		20.45
Comments:	1A extremely windy; point on windward side									
Low Tide at:										
High Tide at:										

Date:

8/18/2009

Weather:

sunny/windy (pm)

Observers:

Karen Taylor, Mike Sipes

Monthly Comparison Points

Lower Pond Restoration

Variables	Locations									
	1	1A	2	3A	3B	4A	4B	5A	NR	CL
LDO (mg/L)	6.52	5.91	5.18	7.30	7.63	7.11	7.37	6.82		7.53
LDO (% sat)	83.9	75.2	65.8	92.9	96.1	91.4	93.4	88.5		95.4
Salinity (ppt)	23.86	23.12	23.24	21.56	20.79	21.62	21.51	22.32		21.44
Specific conductivity (ms/cm)	37.61	36.67	36.75	34.32	33.24	34.44	34.25	35.41		34.18
pH	7.88	7.86	7.72	8.01	8.07	7.96	8.03	21.62		20.71
Temperature (°c)	20.5	20.33	20.22	20.67	20.44	21.26	20.47	n/a		n/a
Comments:										
Low Tide at:										
High Tide at:										

Date:

9/24/2009

Weather:

SI. Breeze/Overcast

Observers:

Karen Taylor, Mike Sipes

Monthly Comparison Points

Lower Pond Restoration

Variables	Locations									
	1	1A	2	3A	3B	4A	4B	5A	NR	CL
LDO (mg/L)	3.91	3.65	3.45	7.15	8.79	7.08	6.64	7.04	7.04	6.72
LDO (% sat)	51.90	39.80	42.10	90.20	105.40	89.50	82.90	90.20	90.20	86.00
Salinity (ppt)	31.72	25.39	25.96	21.77	21.69	22.00	22.01	22.88	22.88	22.06
Specific conductivity (ms/cm)	48.49	39.76	40.55	34.61	34.56	35.02	35.01	36.23	36.23	35.02
pH	7.90	7.76	7.59	7.69	7.81	7.68	7.61	7.63	7.63	7.62
Temperature (°c)	18.72	17.24	18.49	20.33	17.96	20.56	19.45	20.99	20.99	21.27
Comments:										
Low Tide at:										
High Tide at:										

Monthly Comparison Points

Lower Pond Restoration

Date: 10/22/2009

Weather: Sunny/Calm

Observers: Karen Taylor, Mike Sipes

Variables	Locations									
	1	1A	2	3A	3B	4A	4B	5A	NR CL	
LDO (mg/L)	5.60	5.06	3.93	6.96	7.25	6.93	6.94	6.47	7.13	
LDO (% sat)	68.80	58.30	46.60	81.50	84.90	81.70	81.20	77.00	83.70	
Salinity (ppt)	24.32	19.99	22.91	19.13	18.68	19.18	19.08	19.43	19.02	
pH	8.09	8.28	8.07	7.86	7.91	7.85	7.84	7.76	7.89	
Temperature (°C)	18.55	16.84	16.59	17.38	17.41	17.71	17.37	17.95	17.56	
Comments:										
Low Tide at:										
High Tide at:										

Date:

11/18/2009

Weather:

Cold/Clear/Calm

Observers:

Karen Taylor, Mike Sipes

Monthly Comparison Points

Lower Pond Restoration

Variables	Locations									
	1	1A	2	3A	3B	4A	4B	5A	NR	CL
LDO (mg/L)	7.71	4.62	6.70	7.70	7.66	7.76	7.69	7.88		7.72
LDO (% sat)	77.70	49.10	72.00	82.50	83.30	84.30	82.90	83.60		83.80
Salinity (ppt)	23.75	20.66	22.33	19.56	19.47	19.56	19.52	19.74		19.50
Specific conductivity (ms/cm)	37.42	33.03	35.40	31.46	31.31	31.46	31.39	31.70		31.37
pH	8.41	7.94	8.14	7.93	7.94	7.92	7.93	7.90		7.93
Temperature (°C)	11.93	10.05	10.90	12.89	13.52	13.18	13.00	12.47		13.50
Comments:										
Low Tide at:										
High Tide at:										

Date:

12/21/2009

Weather:

breezy, overcast

Observers:

Karen Taylor, Mike Sipes

Monthly Comparison Points

Lower Pond Restoration

Variables	Locations									
	1	1A	2	3A	3B	4A	4B	5A	NR	CL
LDO (mg/L)	10:34	10:18	10:27	10:51	11:04	11:13	10:55	11:23	11:10	11:10
LDO (% sat)	5.72	5.31	4.95	6.29	6.03	6.57	6.25	6.27	6.70	6.70
Salinity (ppt)	20.24	19.29	20.88	18.77	18.43	18.60	18.76	18.64	18.46	18.46
Specific conductivity (ms/cm)	32.48	31.08	33.33	30.31	29.83	30.07	30.25	30.11	29.90	29.90
pH	8.25	7.90	7.99	7.83	7.79	7.86	7.80	7.79	7.87	7.87
Temperature (°C)	11.63	11.09	11.43	11.12	10.82	11.01	11.08	11.21	10.73	10.73
Comments:	Rained last night; started raining at last 3 points (3B, 4A and 5A)									
Low Tide at:										
High Tide at:										

ATTACHMENT B

MiniSonde 5 43641

Log File Name : pond 3 01-23-09

Setup Date (M/D/YYYY) : 1/23/2009

Setup Time (HH:MM:SS) : 08:24:18

Starting Date (M/D/YYYY) : 1/23/2009

Starting Time (HH:MM:SS) : 09:30:00

Stopping Date (M/D/YYYY) : 2/12/2009

Stopping Time (HH:MM:SS) : 09:30:00

Interval (HH:MM:SS) : 01:00:00

Sensor warmup (HH:MM:SS) : 00:02:00

Circltr warmup (HH:MM:SS) : 00:02:00

Date M/D/YYYY	Time HH:MM:SS	LDO% Sat	LDO mg/l	IBatt %Left
1/23/2009	9:30:00	103.4	11.42	0
1/23/2009	10:30:00	94.4	9.36	0
1/23/2009	11:30:00	94.3	9.38	0
1/23/2009	12:30:00	101.4	10.03	0
1/23/2009	13:30:00	99	9.71	0
1/23/2009	14:30:00	115.7	11.33	0
1/23/2009	15:30:00	97	9.49	0
1/23/2009	16:30:00	99.7	10.83	0
1/23/2009	17:30:00	99.7	10.82	0
1/23/2009	18:30:00	99.7	10.84	0
1/23/2009	19:30:00	99.8	10.9	0
1/23/2009	20:30:00	99.7	10.94	0
1/23/2009	21:30:00	99.8	10.97	0
1/23/2009	22:30:00	99.8	10.99	0
1/23/2009	23:30:00	87.3	8.57	0
1/24/2009	0:30:00	91	8.96	0
1/24/2009	1:30:00	90.9	8.97	0
1/24/2009	2:30:00	88.2	8.7	0
1/24/2009	3:30:00	86	8.48	0
1/24/2009	4:30:00	85.9	8.47	0
1/24/2009	5:30:00	99.9	11.2	0
1/24/2009	6:30:00	99.8	11.25	0
1/24/2009	7:30:00	100.2	11.29	0
1/24/2009	8:30:00	84.2	8.3	0
1/24/2009	9:30:00	89.4	8.82	0
1/24/2009	10:30:00	96.1	9.46	0
1/24/2009	11:30:00	99.7	9.8	0
1/24/2009	12:30:00	97.5	9.61	0
1/24/2009	13:30:00	103.5	10.12	0
1/24/2009	14:30:00	101.9	9.9	0
1/24/2009	15:30:00	97.1	9.47	0
1/24/2009	16:30:00	93.8	9.21	0
1/24/2009	17:30:00	99.8	11.44	0
1/24/2009	18:30:00	99.9	11.58	0
1/24/2009	19:30:00	99.7	11.74	0
1/24/2009	20:30:00	99.6	11.87	0
1/24/2009	21:30:00	99.7	12.05	0

1/24/2009	22:30:00	99.3	12.17	0
1/24/2009	23:30:00	88.7	8.97	0
1/25/2009	0:30:00	92.5	9.12	0
1/25/2009	1:30:00	92.3	9.1	0
1/25/2009	2:30:00	89.5	8.89	0
1/25/2009	3:30:00	89	8.91	0
1/25/2009	4:30:00	88.1	8.88	0
1/25/2009	5:30:00	83.1	8.66	0
1/25/2009	6:30:00	99.7	12.67	0
1/25/2009	7:30:00	99.8	12.88	0
1/25/2009	8:30:00	83.1	8.53	0
1/25/2009	9:30:00	92	9.24	0
1/25/2009	10:30:00	92.6	9.22	0
1/25/2009	11:30:00	101.2	9.99	0
1/25/2009	12:30:00	101	9.92	0
1/25/2009	13:30:00	98.4	9.68	0
1/25/2009	14:30:00	97.9	9.59	0
1/25/2009	15:30:00	100.9	9.85	0
1/25/2009	16:30:00	96.8	9.49	0
1/25/2009	17:30:00	99.4	11.73	0
1/25/2009	18:30:00	99.3	11.97	0
1/25/2009	19:30:00	99.2	12.16	0
1/25/2009	20:30:00	99.1	12.28	0
1/25/2009	21:30:00	99.2	12.46	0
1/25/2009	22:30:00	99.5	12.78	0
1/25/2009	23:30:00	99.8	12.98	0
1/26/2009	0:30:00	90.4	9.1	0
1/26/2009	1:30:00	93.8	9.29	0
1/26/2009	2:30:00	90.4	8.96	0
1/26/2009	3:30:00	85	8.54	0
1/26/2009	4:30:00	77.4	7.82	0
1/26/2009	5:30:00	84.8	8.73	0
1/26/2009	6:30:00	101	13.01	0
1/26/2009	7:30:00	100.8	13.52	0
1/26/2009	8:30:00	104.4	12.71	0
1/26/2009	9:30:00	88	8.91	0
1/26/2009	10:30:00	93.6	9.4	0
1/26/2009	11:30:00	97.5	9.67	0
1/26/2009	12:30:00	103.7	10.23	0
1/26/2009	13:30:00	95.4	9.36	0
1/26/2009	14:30:00	93.1	9.01	0
1/26/2009	15:30:00	90.1	8.7	0
1/26/2009	16:30:00	99.2	9.59	0
1/26/2009	17:30:00	98.5	9.93	0
1/26/2009	18:30:00	100.3	12.58	0
1/26/2009	19:30:00	100.2	12.9	0
1/26/2009	20:30:00	100.3	13.21	0
1/26/2009	21:30:00	100.6	13.48	0
1/26/2009	22:30:00	100.8	13.54	0
1/26/2009	23:30:00	100.9	13.57	0
1/27/2009	0:30:00	92.7	12.24	0
1/27/2009	1:30:00	90.7	9.24	0

1/27/2009	2:30:00	94.6	9.41	0
1/27/2009	3:30:00	82.9	8.27	0
1/27/2009	4:30:00	81.6	8.3	0
1/27/2009	5:30:00	87.2	8.99	0
1/27/2009	6:30:00	102.3	13.56	0
1/27/2009	7:30:00	102.3	14.17	0
1/27/2009	8:30:00	105.4	13.35	0
1/27/2009	9:30:00	106.1	12.69	0
1/27/2009	10:30:00	99.1	11.96	0
1/27/2009	11:30:00	94.4	9.57	0
1/27/2009	12:30:00	101.8	10.17	0
1/27/2009	13:30:00	99.3	9.82	0
1/27/2009	14:30:00	91.9	9	0
1/27/2009	15:30:00	81.1	7.87	0
1/27/2009	16:30:00	88.4	8.74	0
1/27/2009	17:30:00	102.2	10.23	0
1/27/2009	18:30:00	101.3	12.28	0
1/27/2009	19:30:00	101	12.54	0
1/27/2009	20:30:00	101.2	12.95	0
1/27/2009	21:30:00	101.5	13.29	0
1/27/2009	22:30:00	101.4	13.52	0
1/27/2009	23:30:00	101.3	13.78	0
1/28/2009	0:30:00	101.2	13.86	0
1/28/2009	1:30:00	91.7	9.62	0
1/28/2009	2:30:00	97	9.73	0
1/28/2009	3:30:00	94.9	9.51	0
1/28/2009	4:30:00	81.4	8.27	0
1/28/2009	5:30:00	83.5	8.56	0
1/28/2009	6:30:00	102	12.56	0
1/28/2009	7:30:00	102.4	13.67	0
1/28/2009	8:30:00	105.8	12.62	0
1/28/2009	9:30:00	108.2	12.55	0
1/28/2009	10:30:00	105.5	11.36	0
1/28/2009	11:30:00	100.1	9.84	0
1/28/2009	12:30:00	95.4	9.6	0
1/28/2009	13:30:00	94.3	9.45	0
1/28/2009	14:30:00	90.2	8.95	0
1/28/2009	15:30:00	84.7	8.28	0
1/28/2009	16:30:00	72.5	7.1	0
1/28/2009	17:30:00	101.5	10.03	0
1/28/2009	18:30:00	100.6	11.55	0
1/28/2009	19:30:00	100.3	11.85	0
1/28/2009	20:30:00	100	12.21	0
1/28/2009	21:30:00	100.2	12.57	0
1/28/2009	22:30:00	100.4	12.79	0
1/28/2009	23:30:00	100.1	12.92	0
1/29/2009	0:30:00	100.1	13.1	0
1/29/2009	1:30:00	89.3	9.37	0
1/29/2009	2:30:00	96.8	9.7	0
1/29/2009	3:30:00	94.7	9.52	0
1/29/2009	4:30:00	89.1	9.03	0
1/29/2009	5:30:00	79.9	8.19	0

1/29/2009	6:30:00	85.6	8.9	0
1/29/2009	7:30:00	101.7	12.71	0
1/29/2009	8:30:00	102.6	12.3	0
1/29/2009	9:30:00	102	12.02	0
1/29/2009	10:30:00	101.5	11.58	0
1/29/2009	11:30:00	101.8	11.12	0
1/29/2009	12:30:00	103.1	10.57	0
1/29/2009	13:30:00	95.9	9.65	0
1/29/2009	14:30:00	100	10.03	0
1/29/2009	15:30:00	105.1	10.46	0
1/29/2009	16:30:00	123.4	12.16	0
1/29/2009	17:30:00	102.5	10.06	0
1/29/2009	18:30:00	100.4	11.36	0
1/29/2009	19:30:00	100.2	11.93	0
1/29/2009	20:30:00	100.3	12.27	0
1/29/2009	21:30:00	100.2	12.4	0
1/29/2009	22:30:00	100.2	12.66	0
1/29/2009	23:30:00	100.4	12.86	0
1/30/2009	0:30:00	100	12.94	0
1/30/2009	1:30:00	89.8	11.45	0
1/30/2009	2:30:00	95.5	9.6	0
1/30/2009	3:30:00	95.1	9.58	0
1/30/2009	4:30:00	88.6	8.99	0
1/30/2009	5:30:00	76.7	7.85	0
1/30/2009	6:30:00	75.8	7.78	0
1/30/2009	7:30:00	86.5	8.98	0
1/30/2009	8:30:00	104.7	12.02	0
1/30/2009	9:30:00	105.5	11.42	0
1/30/2009	10:30:00	101.5	10.49	0
1/30/2009	11:30:00	100.9	10.72	0
1/30/2009	12:30:00	101.3	10.67	0
1/30/2009	13:30:00	123.2	11.93	0
1/30/2009	14:30:00	96.2	9.62	0
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1/30/2009	16:30:00	89.2	8.95	0
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1/30/2009	18:30:00	93.1	9.29	0
1/30/2009	19:30:00	99.9	11.59	0
1/30/2009	20:30:00	99.9	11.87	0
1/30/2009	21:30:00	99.8	12.11	0
1/30/2009	22:30:00	99.5	12.24	0
1/30/2009	23:30:00	99.9	12.56	0
1/31/2009	0:30:00	100	12.82	0
1/31/2009	1:30:00	100.4	13.01	0
1/31/2009	2:30:00	92.2	9.27	0
1/31/2009	3:30:00	93.8	9.46	0
1/31/2009	4:30:00	87.8	8.9	0
1/31/2009	5:30:00	78.1	7.94	0
1/31/2009	6:30:00	67.2	6.89	0
1/31/2009	7:30:00	62.8	6.44	0
1/31/2009	8:30:00	104.7	10.81	0
1/31/2009	9:30:00	103.3	10.89	0

1/31/2009	10:30:00	104.1	10.59	0
1/31/2009	11:30:00	101.1	10.24	0
1/31/2009	12:30:00	104.2	10.11	0
1/31/2009	13:30:00	104.9	10.48	0
1/31/2009	14:30:00	150	14.54	0
1/31/2009	15:30:00	97.5	9.65	0
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1/31/2009	17:30:00	86.7	8.62	0
1/31/2009	18:30:00	110.1	10.35	0
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1/31/2009	20:30:00	99.6	11.52	0
1/31/2009	21:30:00	99.8	11.84	0
1/31/2009	22:30:00	99.5	12.05	0
1/31/2009	23:30:00	99.4	12.15	0
2/1/2009	0:30:00	99.8	12.5	0
2/1/2009	1:30:00	99.8	12.57	0
2/1/2009	2:30:00	89.1	8.93	0
2/1/2009	3:30:00	91.3	9.21	0
2/1/2009	4:30:00	87	8.83	0
2/1/2009	5:30:00	78.5	7.97	0
2/1/2009	6:30:00	69.5	7.12	0
2/1/2009	7:30:00	60.4	6.18	0
2/1/2009	8:30:00	53.9	5.48	0
2/1/2009	9:30:00	100.2	10.92	0
2/1/2009	10:30:00	102.2	11.35	0
2/1/2009	11:30:00	103.9	11.04	0
2/1/2009	12:30:00	103.6	10.56	0
2/1/2009	13:30:00	101.1	10.22	0
2/1/2009	14:30:00	99.9	9.8	0
2/1/2009	15:30:00	96.9	9.25	0
2/1/2009	16:30:00	129.6	11.65	0
2/1/2009	17:30:00	110.1	10.91	0
2/1/2009	18:30:00	93.7	9.41	0
2/1/2009	19:30:00	85.4	8.43	0
2/1/2009	20:30:00	100.9	11.78	0
2/1/2009	21:30:00	100.3	12.08	0
2/1/2009	22:30:00	100.1	12.37	0
2/1/2009	23:30:00	100	12.52	0
2/2/2009	0:30:00	100.1	12.65	0
2/2/2009	1:30:00	100.2	12.92	0
2/2/2009	2:30:00	81.8	8.4	0
2/2/2009	3:30:00	88.5	8.94	0
2/2/2009	4:30:00	88.9	8.99	0
2/2/2009	5:30:00	80.2	8.14	0
2/2/2009	6:30:00	71.5	7.28	0
2/2/2009	7:30:00	64.2	6.57	0
2/2/2009	8:30:00	57.3	5.87	0
2/2/2009	9:30:00	108.6	11.02	0
2/2/2009	10:30:00	101.1	11.25	0
2/2/2009	11:30:00	101.9	11.06	0
2/2/2009	12:30:00	100.9	10.6	0
2/2/2009	13:30:00	99.8	10.18	0

2/2/2009	14:30:00	99	9.91	0
2/2/2009	15:30:00	97.2	9.28	0
2/2/2009	16:30:00	98.7	9.35	0
2/2/2009	17:30:00	98.8	9.68	0
2/2/2009	18:30:00	121.3	11.1	0
2/2/2009	19:30:00	103.4	10.17	0
2/2/2009	20:30:00	92.3	9.15	0
2/2/2009	21:30:00	100.8	11.65	0
2/2/2009	22:30:00	100.1	11.82	0
2/2/2009	23:30:00	99.8	11.98	0
2/3/2009	0:30:00	99.7	12.15	0
2/3/2009	1:30:00	99.4	12.25	0
2/3/2009	2:30:00	80.1	9.87	0
2/3/2009	3:30:00	88.3	8.89	0
2/3/2009	4:30:00	89.6	9.04	0
2/3/2009	5:30:00	83.7	8.47	0
2/3/2009	6:30:00	77.4	7.84	0
2/3/2009	7:30:00	71.6	7.28	0
2/3/2009	8:30:00	65.1	6.64	0
2/3/2009	9:30:00	61.5	6.24	0
2/3/2009	10:30:00	98.3	9.8	0
2/3/2009	11:30:00	100.5	10.85	0
2/3/2009	12:30:00	101.1	10.64	0
2/3/2009	13:30:00	99.8	10.22	0
2/3/2009	14:30:00	98.1	9.8	0
2/3/2009	15:30:00	96.1	9.36	0
2/3/2009	16:30:00	96	8.87	0
2/3/2009	17:30:00	97.9	9.6	0
2/3/2009	18:30:00	98.6	10.15	0
2/3/2009	19:30:00	125	11.44	0
2/3/2009	20:30:00	92.3	9.09	0
2/3/2009	21:30:00	90	8.98	0
2/3/2009	22:30:00	76.6	7.64	0
2/3/2009	23:30:00	75.8	7.63	0
2/4/2009	0:30:00	100.2	11.86	0
2/4/2009	1:30:00	99.7	12.16	0
2/4/2009	2:30:00	99.6	12.31	0
2/4/2009	3:30:00	78	7.91	0
2/4/2009	4:30:00	89.7	8.99	0
2/4/2009	5:30:00	87.5	8.81	0
2/4/2009	6:30:00	83.1	8.36	0
2/4/2009	7:30:00	78.2	7.86	0
2/4/2009	8:30:00	67.4	6.76	0
2/4/2009	9:30:00	97.1	11.41	0

Log File Name : pond 3 2-23-09
Setup Date (MMDDYY) : 022309
Setup Time (HHMMSS) : 092002

Date MMDDYY	Time HHMMSS	IBatt %Left	LDO% Sat	LDO mg/l
2/23/2009	11:00:00	0	103.2	10.85
2/23/2009	12:00:00	0	89.9	9.22
2/23/2009	13:00:00	0	90.3	9.26
2/23/2009	14:00:00	0	89.7	9.2
2/23/2009	15:00:00	0	87.2	8.91
2/23/2009	16:00:00	0	91.9	9.39
2/23/2009	17:00:00	0	91	9.26
2/23/2009	18:00:00	0	100.6	10.76
2/23/2009	19:00:00	0	100.5	10.78
2/23/2009	20:00:00	0	100.7	10.82
2/23/2009	21:00:00	0	100.8	10.87
2/23/2009	22:00:00	0	100.8	10.88
2/23/2009	23:00:00	0	88.9	9.21
2/24/2009	0:00:00	0	88.3	9.19
2/24/2009	1:00:00	0	88.2	9.13
2/24/2009	2:00:00	0	86.9	9
2/24/2009	3:00:00	0	85	8.85
2/24/2009	4:00:00	0	86.6	9.06
2/24/2009	5:00:00	0	86.1	9
2/24/2009	6:00:00	0	101.3	11.43
2/24/2009	7:00:00	0	100.9	11.7
2/24/2009	8:00:00	0	100.4	11.53
2/24/2009	9:00:00	0	97.9	10.26
2/24/2009	10:00:00	0	83.5	8.69
2/24/2009	11:00:00	0	87.2	9.07
2/24/2009	12:00:00	0	87.9	9.03
2/24/2009	13:00:00	0	88	9
2/24/2009	14:00:00	0	84.1	8.55
2/24/2009	15:00:00	0	91.1	8.97
2/24/2009	16:00:00	0	94.3	9.25
2/24/2009	17:00:00	0	92.8	9.19
2/24/2009	18:00:00	0	101	11.19
2/24/2009	19:00:00	0	100.8	11.52
2/24/2009	20:00:00	0	100.6	11.68
2/24/2009	21:00:00	0	100.5	11.68
2/24/2009	22:00:00	0	100.7	11.81
2/24/2009	23:00:00	0	90.3	10.51
2/25/2009	0:00:00	0	87	9
2/25/2009	1:00:00	0	87.9	9.02
2/25/2009	2:00:00	0	86.1	8.87
2/25/2009	3:00:00	0	81.4	8.44
2/25/2009	4:00:00	0	84.3	8.77
2/25/2009	5:00:00	0	84.3	8.84
2/25/2009	6:00:00	0	82.3	8.62

2/25/2009	7:00:00	0	101.1	11.49
2/25/2009	8:00:00	0	100.2	11.09
2/25/2009	9:00:00	0	98.7	10.07
2/25/2009	10:00:00	0	100.2	10.33
2/25/2009	11:00:00	0	84.7	8.78
2/25/2009	12:00:00	0	86.8	8.95
2/25/2009	13:00:00	0	88.6	9.09
2/25/2009	14:00:00	0	90.4	9.22
2/25/2009	15:00:00	0	91.9	9.29
2/25/2009	16:00:00	0	91.9	9.28
2/25/2009	17:00:00	0	91.6	9.28
2/25/2009	18:00:00	0	101.7	10.83
2/25/2009	19:00:00	0	100.9	10.98
2/25/2009	20:00:00	0	100.7	11.03
2/25/2009	21:00:00	0	100.8	11.1
2/25/2009	22:00:00	0	100.7	11.05
2/25/2009	23:00:00	0	101	11.06
2/26/2009	0:00:00	0	87	8.94
2/26/2009	1:00:00	0	88.7	9.09
2/26/2009	2:00:00	0	89.1	9.15
2/26/2009	3:00:00	0	87.4	9.01
2/26/2009	4:00:00	0	85.8	8.83
2/26/2009	5:00:00	0	89.5	9.25
2/26/2009	6:00:00	0	87.8	9.09
2/26/2009	7:00:00	0	101.3	11.09
2/26/2009	8:00:00	0	100.5	10.83
2/26/2009	9:00:00	0	100.9	10.83
2/26/2009	10:00:00	0	100.9	10.67
2/26/2009	11:00:00	0	100.9	10.66
2/26/2009	12:00:00	0	87.3	8.89
2/26/2009	13:00:00	0	88.4	9.01
2/26/2009	14:00:00	0	90.2	9.14
2/26/2009	15:00:00	0	92.3	9.28
2/26/2009	16:00:00	0	92.2	9.09
2/26/2009	17:00:00	0	94.5	9.52
2/26/2009	18:00:00	0	91.4	9.07
2/26/2009	19:00:00	0	101.8	11.8
2/26/2009	20:00:00	0	101.3	12
2/26/2009	21:00:00	0	101	11.97
2/26/2009	22:00:00	0	101.1	12.07
2/26/2009	23:00:00	0	101.1	12.24
2/27/2009	0:00:00	0	87.3	9.09
2/27/2009	1:00:00	0	89.1	9.07
2/27/2009	2:00:00	0	87.7	8.99
2/27/2009	3:00:00	0	85.8	8.87
2/27/2009	4:00:00	0	83.9	8.73
2/27/2009	5:00:00	0	86.6	9.03
2/27/2009	6:00:00	0	86.2	9.1
2/27/2009	7:00:00	0	82.1	8.96
2/27/2009	8:00:00	0	97.3	10.38
2/27/2009	9:00:00	0	97.4	9.75
2/27/2009	10:00:00	0	98.9	9.69

2/27/2009	11:00:00	0	101.8	10.65
2/27/2009	12:00:00	0	98.8	10.41
2/27/2009	13:00:00	0	87.7	9
2/27/2009	14:00:00	0	87.8	9.04
2/27/2009	15:00:00	0	89.2	9.11
2/27/2009	16:00:00	0	75.2	7.61
2/27/2009	17:00:00	0	85.7	8.6
2/27/2009	18:00:00	0	88.5	8.95
2/27/2009	19:00:00	0	102.3	11.26
2/27/2009	20:00:00	0	101.4	11.7
2/27/2009	21:00:00	0	101.1	11.81
2/27/2009	22:00:00	0	100.6	11.68
2/27/2009	23:00:00	0	100.9	12.04
2/28/2009	0:00:00	0	96.4	11.35
2/28/2009	1:00:00	0	86.5	8.85
2/28/2009	2:00:00	0	87.9	9.05
2/28/2009	3:00:00	0	87.4	9.08
2/28/2009	4:00:00	0	89.5	9.33
2/28/2009	5:00:00	0	87.6	9.16
2/28/2009	6:00:00	0	86.2	9.01
2/28/2009	7:00:00	0	87.2	9.16
2/28/2009	8:00:00	0	100.8	11.45
2/28/2009	9:00:00	0	100.5	11.14
2/28/2009	10:00:00	0	99.6	10.89
2/28/2009	11:00:00	0	98.2	10.44
2/28/2009	12:00:00	0	97.4	10.19
2/28/2009	13:00:00	0	98.3	10.22
2/28/2009	14:00:00	0	87	8.98
2/28/2009	15:00:00	0	87.1	9.01
2/28/2009	16:00:00	0	88.3	9.12
2/28/2009	17:00:00	0	88.8	9.16
2/28/2009	18:00:00	0	90.4	9.25
2/28/2009	19:00:00	0	87.3	8.96
2/28/2009	20:00:00	0	100.6	10.94
2/28/2009	21:00:00	0	100.2	10.99
2/28/2009	22:00:00	0	100	11.17
2/28/2009	23:00:00	0	99.9	11.1
3/1/2009	0:00:00	0	81.1	8.98
3/1/2009	1:00:00	0	86	8.9
3/1/2009	2:00:00	0	87.1	9.03
3/1/2009	3:00:00	0	88.5	9.23
3/1/2009	4:00:00	0	88.4	9.24
3/1/2009	5:00:00	0	89.1	9.31
3/1/2009	6:00:00	0	85.9	8.94
3/1/2009	7:00:00	0	86.2	8.98
3/1/2009	8:00:00	0	86.1	8.97
3/1/2009	9:00:00	0	100.5	11
3/1/2009	10:00:00	0	100.2	10.89
3/1/2009	11:00:00	0	100.3	10.7
3/1/2009	12:00:00	0	100.1	10.82
3/1/2009	13:00:00	0	100.1	10.78
3/1/2009	14:00:00	0	100.1	10.73

3/1/2009	15:00:00	0	85.4	8.87
3/1/2009	16:00:00	0	87.4	9.07
3/1/2009	17:00:00	0	86.6	8.99
3/1/2009	18:00:00	0	83.9	8.71
3/1/2009	19:00:00	0	83.9	8.71
3/1/2009	20:00:00	0	84.4	8.75
3/1/2009	21:00:00	0	99.7	10.58
3/1/2009	22:00:00	0	99.8	10.52
3/1/2009	23:00:00	0	100	10.54
3/2/2009	0:00:00	0	90	9.47
3/2/2009	1:00:00	0	86.3	8.95
3/2/2009	2:00:00	0	87	9.04
3/2/2009	3:00:00	0	88.7	9.22
3/2/2009	4:00:00	0	89.9	9.33
3/2/2009	5:00:00	0	87.2	9.03
3/2/2009	6:00:00	0	91.2	9.43
3/2/2009	7:00:00	0	88.9	9.25
3/2/2009	8:00:00	0	90.6	9.39
3/2/2009	9:00:00	0	91.9	9.49
3/2/2009	10:00:00	0	100	10.7
3/2/2009	11:00:00	0	99	10.72
3/2/2009	12:00:00	0	99.7	10.75
3/2/2009	13:00:00	0	99.6	10.82
3/2/2009	14:00:00	0	99.7	10.53
3/2/2009	15:00:00	0	100.4	10.51
3/2/2009	16:00:00	0	93	9.49
3/2/2009	17:00:00	0	89.3	9.22
3/2/2009	18:00:00	0	89.6	9.26
3/2/2009	19:00:00	0	90.4	9.35
3/2/2009	20:00:00	0	92	9.54
3/2/2009	21:00:00	0	94.3	9.84
3/2/2009	22:00:00	0	94.1	9.85
3/2/2009	23:00:00	0	93.3	9.86
3/3/2009	0:00:00	0	92.2	9.85
3/3/2009	1:00:00	0	92.5	9.7
3/3/2009	2:00:00	0	91.5	9.52
3/3/2009	3:00:00	0	90.3	9.39
3/3/2009	4:00:00	0	90.8	9.41
3/3/2009	5:00:00	0	91.6	9.49
3/3/2009	6:00:00	0	89.5	9.32
3/3/2009	7:00:00	0	91.3	9.5
3/3/2009	8:00:00	0	92	9.7
3/3/2009	9:00:00	0	92.5	9.81
3/3/2009	10:00:00	0	93	9.88
3/3/2009	11:00:00	0	81.3	9.02
3/3/2009	12:00:00	0	15	1.64
3/3/2009	13:00:00	0	15.1	1.67
3/3/2009	14:00:00	0	22.7	2.51
3/3/2009	15:00:00	0	31.3	3.38
3/3/2009	16:00:00	0	54.5	6.16
3/3/2009	17:00:00	0	93.2	9.63
3/3/2009	18:00:00	0	87.4	9.18

3/3/2009	19:00:00	0	87.5	9.18
3/3/2009	20:00:00	0	88.4	9.32
3/3/2009	21:00:00	0	84.6	8.95
3/3/2009	22:00:00	0	87.4	9.26
3/3/2009	23:00:00	0	87.6	9.37
3/4/2009	0:00:00	0	80.5	8.68
3/4/2009	1:00:00	0	73.2	7.93
3/4/2009	2:00:00	0	86.8	9.32
3/4/2009	3:00:00	0	40.1	4.27
3/4/2009	4:00:00	0	26.8	2.85
3/4/2009	5:00:00	0	61	6.45
3/4/2009	6:00:00	0	56.2	5.91
3/4/2009	7:00:00	0	82.2	8.62
3/4/2009	8:00:00	0	85.2	9.08
3/4/2009	9:00:00	0	68.7	7.29
3/4/2009	10:00:00	0	87	9.15
3/4/2009	11:00:00	0	89.2	9.43
3/4/2009	12:00:00	0	35.5	3.79
3/4/2009	13:00:00	0	10.1	1.11
3/4/2009	14:00:00	0	23.3	2.53
3/4/2009	15:00:00	0	50.6	5.58
3/4/2009	16:00:00	0	97.9	10.72
3/4/2009	17:00:00	0	100.2	11.2
3/4/2009	18:00:00	0	104.8	11.79
3/4/2009	19:00:00	0	87.8	9.3
3/4/2009	20:00:00	0	86.2	9.13
3/4/2009	21:00:00	0	48.6	5.16
3/4/2009	22:00:00	0	52.1	5.55
3/4/2009	23:00:00	0	75	8.06
3/5/2009	0:00:00	0	84.7	9.07
3/5/2009	1:00:00	0	84.4	9.1
3/5/2009	2:00:00	0	76.8	8.33
3/5/2009	3:00:00	0	84.3	9.13
3/5/2009	4:00:00	0	82.5	8.86
3/5/2009	5:00:00	0	60.4	6.47
3/5/2009	6:00:00	0	64.3	6.86
3/5/2009	7:00:00	0	76.4	8.13
3/5/2009	8:00:00	0	77.9	8.26
3/5/2009	9:00:00	0	75.3	8.02
3/5/2009	10:00:00	0	49.3	5.28
3/5/2009	11:00:00	0	85.3	8.98
3/5/2009	12:00:00	0	92.2	9.68
3/5/2009	13:00:00	0	56.7	6.39
3/5/2009	14:00:00	0	37.7	4.16
3/5/2009	15:00:00	0	50.7	5.47
3/5/2009	16:00:00	0	63.3	6.97
3/5/2009	17:00:00	0	85.2	9.46
3/5/2009	18:00:00	0	98.6	11.13
3/5/2009	19:00:00	0	100.6	11.62
3/5/2009	20:00:00	0	89.1	9.42
3/5/2009	21:00:00	0	86.8	9.21
3/5/2009	22:00:00	0	85.8	9.11

3/5/2009	23:00:00	0	63.2	6.73
3/6/2009	0:00:00	0	82	8.83
3/6/2009	1:00:00	0	84.4	9.12
3/6/2009	2:00:00	0	83.6	9.14
3/6/2009	3:00:00	0	77.1	8.83
3/6/2009	4:00:00	0	80.5	9.43
3/6/2009	5:00:00	0	81.8	8.99
3/6/2009	6:00:00	0	75.6	8.14
3/6/2009	7:00:00	0	80.8	8.7
3/6/2009	8:00:00	0	85.6	9.18
3/6/2009	9:00:00	0	87	9.22
3/6/2009	10:00:00	0	84	8.93
3/6/2009	11:00:00	0	84.6	9.1
3/6/2009	12:00:00	0	91.9	9.57
3/6/2009	13:00:00	0	92.7	9.67
3/6/2009	14:00:00	0	60.7	6.54
3/6/2009	15:00:00	0	16.9	1.86
3/6/2009	16:00:00	0	14.5	1.58
3/6/2009	17:00:00	0	18.9	2.05
3/6/2009	18:00:00	0	40	4.5
3/6/2009	19:00:00	0	80.3	9.29
3/6/2009	20:00:00	0	98.9	11.64
3/6/2009	21:00:00	0	86.4	9.13
3/6/2009	22:00:00	0	80.6	8.51
3/6/2009	23:00:00	0	49.1	5.2
3/7/2009	0:00:00	0	42.2	4.48
3/7/2009	1:00:00	0	15.6	1.67
3/7/2009	2:00:00	0	63.7	6.82
3/7/2009	3:00:00	0	80.7	8.75
3/7/2009	4:00:00	0	38.1	4.71
3/7/2009	5:00:00	0	23.5	3.01
3/7/2009	6:00:00	0	41.1	5.1
3/7/2009	7:00:00	0	79.6	8.59
3/7/2009	8:00:00	0	43	4.61
3/7/2009	9:00:00	0	35.2	3.73
3/7/2009	10:00:00	0	8.9	0.93
3/7/2009	11:00:00	0	30.3	3.17
3/7/2009	12:00:00	0	25.4	2.63
3/7/2009	13:00:00	0	31.5	3.23
3/7/2009	14:00:00	0	89.9	9.01
3/7/2009	15:00:00	0	74.6	7.84
3/7/2009	16:00:00	0	26.4	2.84
3/7/2009	17:00:00	0	25.7	2.71
3/7/2009	18:00:00	0	42.1	4.51
3/7/2009	19:00:00	0	82.4	9.31
3/7/2009	20:00:00	0	99.4	11.61
3/7/2009	21:00:00	0	93.7	11.08
3/7/2009	22:00:00	0	87.3	9.03
3/7/2009	23:00:00	0	66.5	6.91
3/8/2009	0:00:00	0	46.2	4.82
3/8/2009	1:00:00	0	45.7	4.78
3/8/2009	2:00:00	0	15.3	1.61

3/8/2009	3:00:00	0	77.4	8.16
3/8/2009	4:00:00	0	81.5	8.78
3/8/2009	5:00:00	0	37.6	4.65
3/8/2009	6:00:00	0	26.6	3.34
3/8/2009	7:00:00	0	26.8	3.35
3/8/2009	8:00:00	0	79.6	8.48
3/8/2009	9:00:00	0	45.7	4.8
3/8/2009	10:00:00	0	30.3	3.18
3/8/2009	11:00:00	0	41.8	4.36
3/8/2009	12:00:00	0	49.5	5.12
3/8/2009	13:00:00	0	35.7	3.64
3/8/2009	14:00:00	0	50.6	5.11
3/8/2009	15:00:00	0	81.1	8.09
3/8/2009	16:00:00	0	90.8	9.63
3/8/2009	17:00:00	0	28.1	3.1
3/8/2009	18:00:00	0	18.7	2.11
3/8/2009	19:00:00	0	32.7	3.85
3/8/2009	20:00:00	0	88.6	10.69
3/8/2009	21:00:00	0	99.8	12.28
3/8/2009	22:00:00	0	88.4	9.44
3/8/2009	23:00:00	0	87.8	9.02
3/9/2009	0:00:00	0	83	8.63
3/9/2009	1:00:00	0	82.4	8.7
3/9/2009	2:00:00	0	78	8.24
3/9/2009	3:00:00	0	81.6	8.66
3/9/2009	4:00:00	0	84.6	9.15
3/9/2009	5:00:00	0	33.5	4.39
3/9/2009	6:00:00	0	14.7	2
3/9/2009	7:00:00	0	13.9	1.8
3/9/2009	8:00:00	0	15.5	1.84
3/9/2009	9:00:00	0	16.5	1.87
3/9/2009	10:00:00	0	9.1	0.96
3/9/2009	11:00:00	0	2.8	0.3
3/9/2009	12:00:00	0	2.4	0.25
3/9/2009	13:00:00	0	2.5	0.26
3/9/2009	14:00:00	0	2	0.2
3/9/2009	15:00:00	0	2.9	0.3
3/9/2009	16:00:00	0	19.8	2.01
3/9/2009	17:00:00	0	6.4	0.74
3/9/2009	18:00:00	0	3.9	0.47
3/9/2009	19:00:00	0	6	0.73
3/9/2009	20:00:00	0	8.7	1.09
3/9/2009	21:00:00	0	19.5	2.49
3/9/2009	22:00:00	0	46.3	5.97
3/9/2009	23:00:00	0	42	4.44
3/10/2009	0:00:00	0	19.4	2.01
3/10/2009	1:00:00	0	8.3	0.87
3/10/2009	2:00:00	0	6.6	0.69
3/10/2009	3:00:00	0	5.2	0.56
3/10/2009	4:00:00	0	16.2	1.72
3/10/2009	5:00:00	0	23.7	2.62
3/10/2009	6:00:00	0	7.7	0.97

3/10/2009	7:00:00	0	4.3	0.53
3/10/2009	8:00:00	0	3.5	0.38
3/10/2009	9:00:00	0	4	0.4
3/10/2009	10:00:00	0	10.8	1.17
3/10/2009	11:00:00	0	21.2	2.24
3/10/2009	12:00:00	0	5.8	0.61
3/10/2009	13:00:00	0	4.6	0.47
3/10/2009	14:00:00	0	2.7	0.28
3/10/2009	15:00:00	0	3.7	0.37
3/10/2009	16:00:00	0	10.6	1.07
3/10/2009	17:00:00	0	22.5	2.27
3/10/2009	18:00:00	0	4.5	0.53
3/10/2009	19:00:00	0	5.5	0.67
3/10/2009	20:00:00	0	7.4	0.92
3/10/2009	21:00:00	0	10.3	1.32
3/10/2009	22:00:00	0	16.2	2.09
3/10/2009	23:00:00	0	30	3.23
3/11/2009	0:00:00	0	18.7	1.93
3/11/2009	1:00:00	0	6.9	0.72
3/11/2009	2:00:00	0	5.7	0.6
3/11/2009	3:00:00	0	7	0.74
3/11/2009	4:00:00	0	7.7	0.81
3/11/2009	5:00:00	0	12.9	1.37
3/11/2009	6:00:00	0	19.5	2.17
3/11/2009	7:00:00	0	5.9	0.75
3/11/2009	8:00:00	0	3.2	0.34
3/11/2009	9:00:00	0	3.5	0.35
3/11/2009	10:00:00	0	3.7	0.36
3/11/2009	11:00:00	0	11.2	1.2
3/11/2009	12:00:00	0	15.6	1.63
3/11/2009	13:00:00	0	4.2	0.43
3/11/2009	14:00:00	0	4.2	0.43
3/11/2009	15:00:00	0	3.3	0.34
3/11/2009	16:00:00	0	3.1	0.31
3/11/2009	17:00:00	0	11.6	1.17
3/11/2009	18:00:00	0	20	2.05
3/11/2009	19:00:00	0	3.6	0.42
3/11/2009	20:00:00	0	4.9	0.58
3/11/2009	21:00:00	0	6.3	0.78
3/11/2009	22:00:00	0	7.4	0.93
3/11/2009	23:00:00	0	18.5	2.3
3/12/2009	0:00:00	0	16.1	1.66
3/12/2009	1:00:00	0	5.4	0.56
3/12/2009	2:00:00	0	4.1	0.42
3/12/2009	3:00:00	0	4.8	0.5
3/12/2009	4:00:00	0	7.5	0.78
3/12/2009	5:00:00	0	6	0.63
3/12/2009	6:00:00	0	13.6	1.44
3/12/2009	7:00:00	0	7.9	0.92
3/12/2009	8:00:00	0	2.8	0.3
3/12/2009	9:00:00	0	3.2	0.31
3/12/2009	10:00:00	0	3.6	0.36

3/12/2009 11:00:00

0

5.7

0.58

Parameter setup or calibration changed at 031209 115742

Recovery finished at 033009 114236

Log File Name : POND 3 03/12/09
Setup Date (MMDDYY) : 031209
Setup Time (HHMMSS) : 120143

Date MMDDYY	Time HHMMSS	LDO mg/l	LDO% Sat	IBatt %Left
3/12/2009	13:00:00	8.98	86	0
3/12/2009	14:00:00	9.14	88.7	0
3/12/2009	15:00:00	8.81	86.2	0
3/12/2009	16:00:00	9.15	91.7	0
3/12/2009	17:00:00	9.2	91	0
3/12/2009	18:00:00	9.26	90.9	0
3/12/2009	19:00:00	9.33	86.3	0
3/12/2009	20:00:00	11.68	100.4	0
3/12/2009	21:00:00	11.85	100.4	0
3/12/2009	22:00:00	11.99	100.4	0
3/12/2009	23:00:00	12.09	100.5	0
3/13/2009	0:00:00	9.09	86.8	0
3/13/2009	1:00:00	9.12	88.3	0
3/13/2009	2:00:00	9.05	87.2	0
3/13/2009	3:00:00	8.64	82.9	0
3/13/2009	4:00:00	8.92	85.6	0
3/13/2009	5:00:00	8.82	83.9	0
3/13/2009	6:00:00	9.08	86.5	0
3/13/2009	7:00:00	8.96	84.7	0
3/13/2009	8:00:00	9.43	83.7	0
3/13/2009	9:00:00	9.84	86.7	0
3/13/2009	10:00:00	9.58	85.4	0
3/13/2009	11:00:00	9.62	93.9	0
3/13/2009	12:00:00	10.69	104.1	0
3/13/2009	13:00:00	9.37	92	0
3/13/2009	14:00:00	8.94	86.6	0
3/13/2009	15:00:00	9.16	89.9	0
3/13/2009	16:00:00	9.39	93.6	0
3/13/2009	17:00:00	9.21	91.4	0
3/13/2009	18:00:00	9.33	90.9	0
3/13/2009	19:00:00	9.2	89.1	0
3/13/2009	20:00:00	9.68	84.6	0
3/13/2009	21:00:00	12.01	100.2	0
3/13/2009	22:00:00	12.14	100.3	0
3/13/2009	23:00:00	12.29	100.3	0
3/14/2009	0:00:00	9.44	89	0
3/14/2009	1:00:00	9.09	88.4	0
3/14/2009	2:00:00	9.13	88.3	0
3/14/2009	3:00:00	8.71	83.9	0
3/14/2009	4:00:00	8.35	80.4	0
3/14/2009	5:00:00	9.09	86.2	0
3/14/2009	6:00:00	9.2	87.1	0
3/14/2009	7:00:00	9.32	87.7	0
3/14/2009	8:00:00	10.26	94.2	0

3/14/2009	9:00:00	10.49	94.1	0
3/14/2009	10:00:00	11.48	101.7	0
3/14/2009	11:00:00	11.41	102.3	0
3/14/2009	12:00:00	11.05	101.9	0
3/14/2009	13:00:00	11.12	101.3	0
3/14/2009	14:00:00	10.03	98	0
3/14/2009	15:00:00	9.31	89.5	0
3/14/2009	16:00:00	9.26	89.3	0
3/14/2009	17:00:00	9.39	91.1	0
3/14/2009	18:00:00	9.53	91.3	0
3/14/2009	19:00:00	9.6	91.5	0
3/14/2009	20:00:00	9.8	92	0
3/14/2009	21:00:00	10.11	87.9	0
3/14/2009	22:00:00	8.87	76.9	0
3/14/2009	23:00:00	11.75	100.2	0
3/15/2009	0:00:00	10.52	91.1	0
3/15/2009	1:00:00	9.54	90.6	0
3/15/2009	2:00:00	9.39	89.7	0
3/15/2009	3:00:00	9.33	89.6	0
3/15/2009	4:00:00	9.06	87.2	0
3/15/2009	5:00:00	8.81	84.7	0
3/15/2009	6:00:00	8.47	80.7	0
3/15/2009	7:00:00	9.31	88.5	0
3/15/2009	8:00:00	9.58	91.2	0
3/15/2009	9:00:00	10.06	95.3	0
3/15/2009	10:00:00	10.71	102.2	0
3/15/2009	11:00:00	9.94	99.2	0
3/15/2009	12:00:00	10.54	101.5	0
3/15/2009	13:00:00	10.76	101.7	0
3/15/2009	14:00:00	10.69	101.5	0
3/15/2009	15:00:00	9.86	97.1	0
3/15/2009	16:00:00	9.42	90.2	0
3/15/2009	17:00:00	9.42	90.4	0
3/15/2009	18:00:00	9.17	88.2	0
3/15/2009	19:00:00	9.35	90.5	0
3/15/2009	20:00:00	9.44	90.5	0
3/15/2009	21:00:00	9.42	90.2	0
3/15/2009	22:00:00	8.88	83.4	0
3/15/2009	23:00:00	8.36	78.3	0
3/16/2009	0:00:00	11.01	100.6	0
3/16/2009	1:00:00	9.25	88.9	0
3/16/2009	2:00:00	9.34	89.7	0
3/16/2009	3:00:00	9.35	90	0
3/16/2009	4:00:00	9.31	89.7	0
3/16/2009	5:00:00	9.35	90.1	0
3/16/2009	6:00:00	8.7	83.7	0
3/16/2009	7:00:00	9.42	90.4	0
3/16/2009	8:00:00	9.58	92.3	0
3/16/2009	9:00:00	10.74	104.2	0
3/16/2009	10:00:00	10.69	106.8	0
3/16/2009	11:00:00	12.45	124.4	0
3/16/2009	12:00:00	9.97	101.6	0

3/16/2009	13:00:00	10.34	102.9	0
3/16/2009	14:00:00	10.27	103.2	0
3/16/2009	15:00:00	10.22	103.5	0
3/16/2009	16:00:00	10.62	104.8	0
3/16/2009	17:00:00	9.45	92.7	0
3/16/2009	18:00:00	9.28	90	0
3/16/2009	19:00:00	8.96	87	0
3/16/2009	20:00:00	8.45	83.8	0
3/16/2009	21:00:00	8.86	86	0
3/16/2009	22:00:00	8.76	84.1	0
3/16/2009	23:00:00	7.56	72.3	0
3/17/2009	0:00:00	6.5	61.9	0
3/17/2009	1:00:00	8.1	78.3	0
3/17/2009	2:00:00	8.89	87.1	0
3/17/2009	3:00:00	9.22	89.6	0
3/17/2009	4:00:00	8.98	87.2	0
3/17/2009	5:00:00	6.45	62.6	0
3/17/2009	6:00:00	5.63	54.6	0
3/17/2009	7:00:00	5.71	55.3	0
3/17/2009	8:00:00	9.38	90.9	0
3/17/2009	9:00:00	10.09	99.5	0
3/17/2009	10:00:00	10.38	103.6	0
3/17/2009	11:00:00	10.43	108	0
3/17/2009	12:00:00	9.91	102	0
3/17/2009	13:00:00	10.39	106.2	0
3/17/2009	14:00:00	10.12	104.6	0
3/17/2009	15:00:00	10.11	104.1	0
3/17/2009	16:00:00	10.04	102.7	0
3/17/2009	17:00:00	10.17	101.9	0
3/17/2009	18:00:00	9.25	96.1	0
3/17/2009	19:00:00	7.94	78.7	0
3/17/2009	20:00:00	6.93	67.7	0
3/17/2009	21:00:00	6.23	60.6	0
3/17/2009	22:00:00	8.47	82.3	0
3/17/2009	23:00:00	8.69	82.5	0
3/18/2009	0:00:00	8.76	80.1	0
3/18/2009	1:00:00	7.88	71.1	0
3/18/2009	2:00:00	8.16	77.6	0
3/18/2009	3:00:00	8.64	84	0
3/18/2009	4:00:00	9	88.2	0
3/18/2009	5:00:00	8.46	82.7	0
3/18/2009	6:00:00	6.2	60.5	0
3/18/2009	7:00:00	5.89	57.5	0
3/18/2009	8:00:00	5.6	54.6	0
3/18/2009	9:00:00	9.36	91.9	0
3/18/2009	10:00:00	10	99	0
3/18/2009	11:00:00	9.94	107.3	0
3/18/2009	12:00:00	9.9	112.3	0
3/18/2009	13:00:00	9.96	105	0
3/18/2009	14:00:00	9.94	105.2	0
3/18/2009	15:00:00	9.77	103.6	0
3/18/2009	16:00:00	9.67	102.3	0

3/18/2009	17:00:00	9.78	101.9	0
3/18/2009	18:00:00	9.6	97.9	0
3/18/2009	19:00:00	8.7	93.2	0
3/18/2009	20:00:00	7.7	77.3	0
3/18/2009	21:00:00	8.21	81.4	0
3/18/2009	22:00:00	7.08	70.1	0
3/18/2009	23:00:00	5.25	52	0
3/19/2009	0:00:00	8.03	79.3	0
3/19/2009	1:00:00	7.69	75.5	0
3/19/2009	2:00:00	7.51	72.1	0
3/19/2009	3:00:00	7.07	68.9	0
3/19/2009	4:00:00	7.85	77.7	0
3/19/2009	5:00:00	8.54	84.7	0
3/19/2009	6:00:00	8.42	83.5	0
3/19/2009	7:00:00	6.18	61.2	0
3/19/2009	8:00:00	5.64	56	0
3/19/2009	9:00:00	8.29	82.9	0
3/19/2009	10:00:00	9.52	97	0
3/19/2009	11:00:00	9.91	105.1	0
3/19/2009	12:00:00	9.67	107.3	0
3/19/2009	13:00:00	10.17	111.2	0
3/19/2009	14:00:00	9.97	104.1	0
3/19/2009	15:00:00	9.85	103.5	0
3/19/2009	16:00:00	9.66	101.5	0
3/19/2009	17:00:00	9.67	100.9	0
3/19/2009	18:00:00	9.76	99.5	0
3/19/2009	19:00:00	10.17	99.2	0
3/19/2009	20:00:00	9.53	104.3	0
3/19/2009	21:00:00	8.67	88.7	0
3/19/2009	22:00:00	8.23	83.5	0
3/19/2009	23:00:00	5.43	55	0
3/20/2009	0:00:00	5.13	52	0
3/20/2009	1:00:00	8.05	80.8	0
3/20/2009	2:00:00	8.18	81.4	0
3/20/2009	3:00:00	8.51	79.2	0
3/20/2009	4:00:00	8.3	76.1	0
3/20/2009	5:00:00	7.86	77.2	0
3/20/2009	6:00:00	8.29	83.2	0
3/20/2009	7:00:00	8.3	83.7	0
3/20/2009	8:00:00	8.89	89.7	0
3/20/2009	9:00:00	8.73	88.4	0
3/20/2009	10:00:00	8.75	89.8	0
3/20/2009	11:00:00	7.52	78.4	0
3/20/2009	12:00:00	10.56	113.6	0
3/20/2009	13:00:00	10.67	111.7	0
3/20/2009	14:00:00	10.05	102	0
3/20/2009	15:00:00	9.96	101.9	0
3/20/2009	16:00:00	10.02	101.2	0
3/20/2009	17:00:00	10.18	100.6	0
3/20/2009	18:00:00	10.47	99.9	0
3/20/2009	19:00:00	10.75	99.3	0
3/20/2009	20:00:00	12.09	113.2	0

3/20/2009	21:00:00	8.98	94.2	0
3/20/2009	22:00:00	8.83	91.2	0
3/20/2009	23:00:00	8.55	88.2	0
3/21/2009	0:00:00	7.53	76.9	0
3/21/2009	1:00:00	6.71	68.2	0
3/21/2009	2:00:00	7.8	78.2	0
3/21/2009	3:00:00	8.48	84	0
3/21/2009	4:00:00	8.81	81	0
3/21/2009	5:00:00	6.97	63.2	0
3/21/2009	6:00:00	8.25	80.6	0
3/21/2009	7:00:00	8.59	87.3	0
3/21/2009	8:00:00	8.83	90.4	0
3/21/2009	9:00:00	8.89	90.9	0
3/21/2009	10:00:00	8.27	84.5	0
3/21/2009	11:00:00	7	72.1	0
3/21/2009	12:00:00	9.31	96.2	0
3/21/2009	13:00:00	9.52	98.1	0
3/21/2009	14:00:00	10.81	106.6	0
3/21/2009	15:00:00	10.51	103.1	0
3/21/2009	16:00:00	10.64	103	0
3/21/2009	17:00:00	10.81	100.1	0
3/21/2009	18:00:00	10.94	99.8	0
3/21/2009	19:00:00	11.09	99.9	0
3/21/2009	20:00:00	11.32	100	0
3/21/2009	21:00:00	8.98	91	0
3/21/2009	22:00:00	9.01	92.4	0
3/21/2009	23:00:00	8.87	91	0
3/22/2009	0:00:00	8.33	83.3	0
3/22/2009	1:00:00	8.6	86.6	0
3/22/2009	2:00:00	8.99	90.1	0
3/22/2009	3:00:00	8.92	87.8	0
3/22/2009	4:00:00	9.52	87.1	0
3/22/2009	5:00:00	7.85	65.9	0
3/22/2009	6:00:00	6.06	49.6	0
3/22/2009	7:00:00	9.78	90.5	0
3/22/2009	8:00:00	9.52	91.8	0
3/22/2009	9:00:00	8.91	88.7	0
3/22/2009	10:00:00	9.27	93.9	0
3/22/2009	11:00:00	9.16	94	0
3/22/2009	12:00:00	9.23	95.7	0
3/22/2009	13:00:00	9.51	99.8	0
3/22/2009	14:00:00	11.29	116.6	0
3/22/2009	15:00:00	9.88	94.9	0
3/22/2009	16:00:00	11.13	96.1	0
3/22/2009	17:00:00	12.01	101.8	0
3/22/2009	18:00:00	12.02	101.1	0
3/22/2009	19:00:00	12.24	99.8	0
3/22/2009	20:00:00	12.54	100	0
3/22/2009	21:00:00	12.63	100.1	0
3/22/2009	22:00:00	8.29	78.5	0
3/22/2009	23:00:00	9.08	91	0
3/23/2009	0:00:00	8.06	81.4	0

3/23/2009	1:00:00	6.16	61.1	0
3/23/2009	2:00:00	8.12	80.1	0
3/23/2009	3:00:00	8.87	83.7	0
3/23/2009	4:00:00	8.85	74.5	0
3/23/2009	5:00:00	8.78	69.4	0
3/23/2009	6:00:00	8.37	64.4	0
3/23/2009	7:00:00	6.06	51.6	0
3/23/2009	8:00:00	9.21	84.8	0
3/23/2009	9:00:00	10.25	94.6	0
3/23/2009	10:00:00	9.35	92.8	0
3/23/2009	11:00:00	9.08	91.5	0
3/23/2009	12:00:00	8.22	85	0
3/23/2009	13:00:00	8.9	93	0
3/23/2009	14:00:00	10.08	106.8	0
3/23/2009	15:00:00	11.21	111.9	0
3/23/2009	16:00:00	13.94	137.3	0
3/23/2009	17:00:00	11.32	101.8	0
3/23/2009	18:00:00	11.65	100.6	0
3/23/2009	19:00:00	12.06	101	0
3/23/2009	20:00:00	12.25	100.8	0
3/23/2009	21:00:00	12.36	100.7	0
3/23/2009	22:00:00	10.93	95.2	0
3/23/2009	23:00:00	9.36	94.7	0
3/24/2009	0:00:00	9.13	92.6	0
3/24/2009	1:00:00	6.96	70.1	0
3/24/2009	2:00:00	5.74	57.2	0
3/24/2009	3:00:00	8.94	87.8	0
3/24/2009	4:00:00	8.8	79.9	0
3/24/2009	5:00:00	6.65	57.2	0
3/24/2009	6:00:00	4.16	34.8	0
3/24/2009	7:00:00	6.28	58.7	0
3/24/2009	8:00:00	7.83	83.8	0
3/24/2009	9:00:00	8.8	96.1	0
3/24/2009	10:00:00	9.17	91.4	0
3/24/2009	11:00:00	8.86	89.7	0
3/24/2009	12:00:00	9.24	95.1	0
3/24/2009	13:00:00	8.37	88.7	0
3/24/2009	14:00:00	8.74	94.5	0
3/24/2009	15:00:00	10.56	115.7	0
3/24/2009	16:00:00	10.23	109.9	0
3/24/2009	17:00:00	11.65	121.6	0
3/24/2009	18:00:00	10.15	96	0
3/24/2009	19:00:00	10.98	100.8	0
3/24/2009	20:00:00	11.23	100.6	0
3/24/2009	21:00:00	11.33	100.4	0
3/24/2009	22:00:00	10.55	94.4	0
3/24/2009	23:00:00	9.23	96	0
3/25/2009	0:00:00	9.22	95	0
3/25/2009	1:00:00	8.62	88	0
3/25/2009	2:00:00	5.82	59	0
3/25/2009	3:00:00	5.54	56.2	0
3/25/2009	4:00:00	8.73	87	0

3/25/2009	5:00:00	8.34	78.4	0
3/25/2009	6:00:00	4.95	44.4	0
3/25/2009	7:00:00	7.64	72.9	0
3/25/2009	8:00:00	8.34	88.3	0
3/25/2009	9:00:00	8.29	90	0
3/25/2009	10:00:00	8.44	95.8	0
3/25/2009	11:00:00	9.13	94.4	0
3/25/2009	12:00:00	9.17	95.3	0
3/25/2009	13:00:00	8.76	91.2	0
3/25/2009	14:00:00	7.8	83.7	0
3/25/2009	15:00:00	9.47	102	0
3/25/2009	16:00:00	9.44	103	0
3/25/2009	17:00:00	10.16	106.1	0
3/25/2009	18:00:00	9.39	89.6	0
3/25/2009	19:00:00	10.96	99.7	0
3/25/2009	20:00:00	11.23	100.3	0
3/25/2009	21:00:00	11.31	100.2	0
3/25/2009	22:00:00	11.36	100.1	0
3/25/2009	23:00:00	8.95	92.9	0
3/26/2009	0:00:00	9.08	94.7	0
3/26/2009	1:00:00	8.07	83.4	0
3/26/2009	2:00:00	5.71	58.7	0
3/26/2009	3:00:00	5.55	57	0
3/26/2009	4:00:00	8.87	90.7	0
3/26/2009	5:00:00	8.62	84.9	0
3/26/2009	6:00:00	6.3	58.1	0
3/26/2009	7:00:00	7.76	78.6	0
3/26/2009	8:00:00	8.47	91.1	0
3/26/2009	9:00:00	8.55	89.3	0
3/26/2009	10:00:00	8.08	90.6	0

Recovery finished at 033009 114344

Log File Name : POND3 3-26-09
Setup Date (MMDDYY) : 032609
Setup Time (HHMMSS) : 110709

Date MMDDYY	Time HHMMSS	LDO mg/l	LDO% Sat	IBatt %Left
3/26/2009	13:00:00	9.24	95.9	0
3/26/2009	14:00:00	9.59	102.4	0
3/26/2009	15:00:00	10.04	112.6	0
3/26/2009	16:00:00	9.32	100	0
3/26/2009	17:00:00	9.77	106.8	0
3/26/2009	18:00:00	10.28	104	0
3/26/2009	19:00:00	10.41	102.7	0
3/26/2009	20:00:00	10.76	103.2	0
3/26/2009	21:00:00	10.96	103.2	0
3/26/2009	22:00:00	11.02	103.2	0
3/26/2009	23:00:00	8.47	92.7	0
3/27/2009	0:00:00	9.12	97.2	0
3/27/2009	1:00:00	8.93	94.4	0
3/27/2009	2:00:00	8.49	89.3	0
3/27/2009	3:00:00	8.03	84.3	0
3/27/2009	4:00:00	8.34	87.5	0
3/27/2009	5:00:00	8.67	90.5	0
3/27/2009	6:00:00	11.51	104.2	0
3/27/2009	7:00:00	9.96	99.5	0
3/27/2009	8:00:00	9.6	101.2	0
3/27/2009	9:00:00	9.65	102.6	0
3/27/2009	10:00:00	9.58	103.2	0
3/27/2009	11:00:00	8.95	100.8	0
3/27/2009	12:00:00	8.94	98.1	0
3/27/2009	13:00:00	8.82	95.1	0
3/27/2009	14:00:00	8.71	93.7	0
3/27/2009	15:00:00	9.5	103.7	0
3/27/2009	16:00:00	9.7	108	0
3/27/2009	17:00:00	9.63	107.7	0
3/27/2009	18:00:00	10.09	105.2	0
3/27/2009	19:00:00	10.36	103.5	0
3/27/2009	20:00:00	10.67	103.7	0
3/27/2009	21:00:00	10.85	103.2	0
3/27/2009	22:00:00	11.07	103.4	0
3/27/2009	23:00:00	7.86	87.4	0
3/28/2009	0:00:00	8.9	96.6	0
3/28/2009	1:00:00	8.85	94.8	0
3/28/2009	2:00:00	8.58	91	0
3/28/2009	3:00:00	8.36	88.5	0
3/28/2009	4:00:00	7.83	83.4	0
3/28/2009	5:00:00	7.89	83.9	0
3/28/2009	6:00:00	8.11	85.6	0
3/28/2009	7:00:00	9.07	97	0
3/28/2009	8:00:00	7.91	93.6	0

3/28/2009	9:00:00	8.34	97.4	0
3/28/2009	10:00:00	9.27	100.5	0
3/28/2009	11:00:00	9.43	101.6	0
3/28/2009	12:00:00	8.91	98.6	0
3/28/2009	13:00:00	8.55	95.4	0
3/28/2009	14:00:00	8.49	92.3	0
3/28/2009	15:00:00	8.72	94.5	0
3/28/2009	16:00:00	8.83	96.9	0
3/28/2009	17:00:00	8.72	100.6	0
3/28/2009	18:00:00	8.62	94.9	0
3/28/2009	19:00:00	10.63	105.4	0
3/28/2009	20:00:00	11.14	103.2	0
3/28/2009	21:00:00	11.3	102.6	0
3/28/2009	22:00:00	11.47	102.2	0
3/28/2009	23:00:00	9.56	93.6	0
3/29/2009	0:00:00	8.49	92.7	0
3/29/2009	1:00:00	8.67	93.4	0
3/29/2009	2:00:00	8.66	92.1	0
3/29/2009	3:00:00	8.62	91	0
3/29/2009	4:00:00	8.64	91.1	0
3/29/2009	5:00:00	8.57	90.2	0
3/29/2009	6:00:00	8.66	90.2	0
3/29/2009	7:00:00	9.25	95	0
3/29/2009	8:00:00	10.14	99.8	0
3/29/2009	9:00:00	9.96	101.9	0
3/29/2009	10:00:00	9.53	102.6	0
3/29/2009	11:00:00	9.16	100.8	0
3/29/2009	12:00:00	9.04	97.8	0
3/29/2009	13:00:00	8.91	96.5	0
3/29/2009	14:00:00	9.48	105.2	0
3/29/2009	15:00:00	8.58	92.6	0
3/29/2009	16:00:00	8.44	90.4	0
3/29/2009	17:00:00	8.36	90.3	0
3/29/2009	18:00:00	9.37	100.6	0
3/29/2009	19:00:00	8.59	90.8	0
3/29/2009	20:00:00	12.27	104.3	0
3/29/2009	21:00:00	12.69	104.3	0
3/29/2009	22:00:00	12.49	102.9	0
3/29/2009	23:00:00	12.18	101.1	0
3/30/2009	0:00:00	8.81	86.6	0
3/30/2009	1:00:00	8.7	92.2	0
3/30/2009	2:00:00	8.7	91.3	0
3/30/2009	3:00:00	8.8	91.1	0
3/30/2009	4:00:00	8.93	92.4	0
3/30/2009	5:00:00	9.01	92.6	0
3/30/2009	6:00:00	9.09	93.3	0
3/30/2009	7:00:00	9.57	94.6	0
3/30/2009	8:00:00	11.37	101.6	0
3/30/2009	9:00:00	10.79	100.5	0
3/30/2009	10:00:00	9.3	97.2	0
3/30/2009	11:00:00	8.6	95.9	0
3/30/2009	12:00:00	8.22	95.2	0

3/30/2009	13:00:00	8.63	95.2	0
3/30/2009	14:00:00	9.06	98.7	0
3/30/2009	15:00:00	10.15	109.4	0
3/30/2009	16:00:00	9.06	94.1	0
3/30/2009	17:00:00	9.04	94	0
3/30/2009	18:00:00	8.53	89.5	0
3/30/2009	19:00:00	8.59	90.3	0
3/30/2009	20:00:00	8.49	87.5	0
3/30/2009	21:00:00	11.53	104	0
3/30/2009	22:00:00	11.69	103.5	0
3/30/2009	23:00:00	11.8	103.2	0
3/31/2009	0:00:00	10.09	89.2	0
3/31/2009	1:00:00	8.88	91.9	0
3/31/2009	2:00:00	8.81	91.4	0
3/31/2009	3:00:00	8.55	88.8	0
3/31/2009	4:00:00	8.03	83.3	0
3/31/2009	5:00:00	8.25	85.2	0
3/31/2009	6:00:00	7.72	78.7	0
3/31/2009	7:00:00	8.61	88.2	0
3/31/2009	8:00:00	9.53	97.7	0
3/31/2009	9:00:00	9.18	96.9	0
3/31/2009	10:00:00	9.77	102.6	0
3/31/2009	11:00:00	9.58	101.8	0
3/31/2009	12:00:00	9.11	100.6	0
3/31/2009	13:00:00	8.93	99.9	0
3/31/2009	14:00:00	8.53	97.5	0
3/31/2009	15:00:00	8.91	101.8	0
3/31/2009	16:00:00	10.82	119.4	0
3/31/2009	17:00:00	8.77	92.6	0
3/31/2009	18:00:00	8.67	90.6	0
3/31/2009	19:00:00	8.45	88.2	0
3/31/2009	20:00:00	8.36	86.8	0
3/31/2009	21:00:00	8.77	91.5	0
3/31/2009	22:00:00	11.59	105.3	0
3/31/2009	23:00:00	11.77	102.9	0
4/1/2009	0:00:00	11.74	102.3	0
4/1/2009	1:00:00	8.96	88.9	0
4/1/2009	2:00:00	8.71	90.1	0
4/1/2009	3:00:00	8.61	89	0
4/1/2009	4:00:00	8.17	84.8	0
4/1/2009	5:00:00	7.33	75.8	0
4/1/2009	6:00:00	8.11	82.6	0
4/1/2009	7:00:00	8.36	84.7	0
4/1/2009	8:00:00	9.13	94.5	0
4/1/2009	9:00:00	10.62	110.9	0
4/1/2009	10:00:00	10.51	104.4	0
4/1/2009	11:00:00	10.11	105.5	0
4/1/2009	12:00:00	9.19	102.7	0
4/1/2009	13:00:00	8.72	98	0
4/1/2009	14:00:00	9.01	102.2	0
4/1/2009	15:00:00	9.07	103	0
4/1/2009	16:00:00	9.17	102.4	0

4/1/2009	17:00:00	9.6	104.2	0
4/1/2009	18:00:00	8.59	95.5	0
4/1/2009	19:00:00	8.6	89.9	0
4/1/2009	20:00:00	7.46	77	0
4/1/2009	21:00:00	8.09	83.8	0
4/1/2009	22:00:00	8.58	88.3	0
4/1/2009	23:00:00	8.75	88.2	0
4/2/2009	0:00:00	11.88	103	0
4/2/2009	1:00:00	11.98	102.4	0
4/2/2009	2:00:00	9.16	90.2	0
4/2/2009	3:00:00	8.61	88.2	0
4/2/2009	4:00:00	8.6	89.2	0
4/2/2009	5:00:00	8.52	88.4	0
4/2/2009	6:00:00	8.19	84.4	0
4/2/2009	7:00:00	8.01	80.9	0
4/2/2009	8:00:00	8.27	85.6	0
4/2/2009	9:00:00	9.73	102	0
4/2/2009	10:00:00	10.94	114.8	0
4/2/2009	11:00:00	10.43	104.1	0
4/2/2009	12:00:00	9.68	100.4	0
4/2/2009	13:00:00	9.38	99.4	0
4/2/2009	14:00:00	9.73	102	0
4/2/2009	15:00:00	10.17	103.2	0
4/2/2009	16:00:00	10.42	104	0
4/2/2009	17:00:00	10.61	102.6	0
4/2/2009	18:00:00	10.83	102.9	0
4/2/2009	19:00:00	8.61	91.9	0
4/2/2009	20:00:00	8.64	87.8	0
4/2/2009	21:00:00	8.91	91.5	0
4/2/2009	22:00:00	8.82	90.5	0
4/2/2009	23:00:00	8.74	89.4	0
4/3/2009	0:00:00	8.89	90.4	0
4/3/2009	1:00:00	11.21	96.1	0
4/3/2009	2:00:00	12.71	102.8	0
4/3/2009	3:00:00	12.8	102.6	0
4/3/2009	4:00:00	9.64	91.1	0
4/3/2009	5:00:00	9.12	92.5	0
4/3/2009	6:00:00	8.68	89.1	0
4/3/2009	7:00:00	8.72	88.5	0
4/3/2009	8:00:00	8.97	91.6	0
4/3/2009	9:00:00	8.64	88.3	0
4/3/2009	10:00:00	10.14	107.9	0
4/3/2009	11:00:00	11.84	129.6	0
4/3/2009	12:00:00	10.63	101	0
4/3/2009	13:00:00	10.56	101.9	0
4/3/2009	14:00:00	9.78	98.2	0
4/3/2009	15:00:00	10.07	101.9	0
4/3/2009	16:00:00	10.21	102.7	0
4/3/2009	17:00:00	10.54	103.9	0
4/3/2009	18:00:00	10.65	101.3	0
4/3/2009	19:00:00	11.27	101.6	0
4/3/2009	20:00:00	8.76	91.5	0

4/3/2009	21:00:00	9.07	93.9	0
4/3/2009	22:00:00	8.83	91.4	0
4/3/2009	23:00:00	5.88	59.6	0
4/4/2009	0:00:00	7.52	76.3	0
4/4/2009	1:00:00	8.52	84.9	0
4/4/2009	2:00:00	12.81	104.6	0
4/4/2009	3:00:00	13.1	103.6	0
4/4/2009	4:00:00	13.21	103.2	0
4/4/2009	5:00:00	13.5	103.8	0
4/4/2009	6:00:00	8.54	82.3	0
4/4/2009	7:00:00	8.81	89.9	0
4/4/2009	8:00:00	8.89	91.4	0
4/4/2009	9:00:00	6.42	66.7	0
4/4/2009	10:00:00	4.37	45.6	0
4/4/2009	11:00:00	7.8	82.6	0
4/4/2009	12:00:00	10.65	115.9	0
4/4/2009	13:00:00	11.34	105.4	0
4/4/2009	14:00:00	10.81	104.1	0
4/4/2009	15:00:00	9.9	102.7	0
4/4/2009	16:00:00	9.35	101	0
4/4/2009	17:00:00	9.28	100.2	0
4/4/2009	18:00:00	10	102.3	0
4/4/2009	19:00:00	10.74	101.4	0
4/4/2009	20:00:00	12.37	112.2	0
4/4/2009	21:00:00	9.07	95.9	0
4/4/2009	22:00:00	8.93	93.8	0
4/4/2009	23:00:00	8.21	85.7	0
4/5/2009	0:00:00	5.16	53.3	0
4/5/2009	1:00:00	7.62	78.5	0
4/5/2009	2:00:00	8.37	85.7	0
4/5/2009	3:00:00	12.38	104.8	0
4/5/2009	4:00:00	12.94	103.9	0
4/5/2009	5:00:00	13.11	103.5	0
4/5/2009	6:00:00	13.25	103.5	0
4/5/2009	7:00:00	7.95	77.2	0
4/5/2009	8:00:00	8.63	89.1	0
4/5/2009	9:00:00	8.7	90.8	0
4/5/2009	10:00:00	7.98	84.2	0
4/5/2009	11:00:00	9.25	99.1	0
4/5/2009	12:00:00	10.46	113.8	0
4/5/2009	13:00:00	9.6	105.1	0
4/5/2009	14:00:00	11.04	107	0
4/5/2009	15:00:00	8.93	96.9	0
4/5/2009	16:00:00	8.91	101.3	0
4/5/2009	17:00:00	8.75	101.1	0
4/5/2009	18:00:00	9.08	101.5	0
4/5/2009	19:00:00	9.92	101.1	0
4/5/2009	20:00:00	10.41	101.5	0
4/5/2009	21:00:00	8.87	98.3	0
4/5/2009	22:00:00	8.86	94.7	0
4/5/2009	23:00:00	8.43	89.5	0
4/6/2009	0:00:00	4.95	52.5	0

4/6/2009	1:00:00	3.14	33.1	0
4/6/2009	2:00:00	4.56	48	0
4/6/2009	3:00:00	8.2	85.4	0
4/6/2009	4:00:00	11.95	104.5	0
4/6/2009	5:00:00	12.36	103.5	0
4/6/2009	6:00:00	12.4	102.8	0
4/6/2009	7:00:00	10.21	97.5	0
4/6/2009	8:00:00	9.21	90.8	0
4/6/2009	9:00:00	8.31	88.4	0
4/6/2009	10:00:00	8.45	90	0
4/6/2009	11:00:00	8.62	92.7	0
4/6/2009	12:00:00	8.91	97.2	0
4/6/2009	13:00:00	9.03	100.7	0
4/6/2009	14:00:00	9.32	106.2	0
4/6/2009	15:00:00	11.44	117	0
4/6/2009	16:00:00	9.64	100.2	0
4/6/2009	17:00:00	9.67	99.3	0
4/6/2009	18:00:00	9.73	100	0
4/6/2009	19:00:00	10.06	100.9	0
4/6/2009	20:00:00	10.36	101	0
4/6/2009	21:00:00	8.22	90.9	0
4/6/2009	22:00:00	8.64	94.5	0
4/6/2009	23:00:00	8.62	93.1	0
4/7/2009	0:00:00	7.79	83.5	0
4/7/2009	1:00:00	6.16	65.7	0
4/7/2009	2:00:00	5.9	62.8	0
4/7/2009	3:00:00	8.31	87.7	0
4/7/2009	4:00:00	7.82	81.4	0
4/7/2009	5:00:00	11.91	103.2	0
4/7/2009	6:00:00	11.8	102.3	0
4/7/2009	7:00:00	11.7	102.2	0
4/7/2009	8:00:00	11.43	102.2	0
4/7/2009	9:00:00	9.9	92.3	0
4/7/2009	10:00:00	8.29	88.6	0
4/7/2009	11:00:00	8.38	89.6	0
4/7/2009	12:00:00	7.6	81.2	0
4/7/2009	13:00:00	6.07	65.1	0
4/7/2009	14:00:00	4.1	43.9	0
4/7/2009	15:00:00	9.27	100.5	0
4/7/2009	16:00:00	11.27	110.5	0
4/7/2009	17:00:00	11.18	103.1	0
4/7/2009	18:00:00	11.31	102.7	0
4/7/2009	19:00:00	11.43	102.5	0
4/7/2009	20:00:00	11.46	102.3	0
4/7/2009	21:00:00	10.96	98.7	0
4/7/2009	22:00:00	8.5	90.9	0
4/7/2009	23:00:00	8.5	90.9	0
4/8/2009	0:00:00	8.17	87.2	0
4/8/2009	1:00:00	8.1	86.2	0
4/8/2009	2:00:00	8.01	84.3	0
4/8/2009	3:00:00	8.58	90.5	0
4/8/2009	4:00:00	8.36	87.1	0

4/8/2009	5:00:00	9.04	83.6	0
4/8/2009	6:00:00	9.44	83	0
4/8/2009	7:00:00	10.46	92.7	0
4/8/2009	8:00:00	8.22	89.7	0
4/8/2009	9:00:00	10.11	100.7	0
4/8/2009	10:00:00	9.86	95.3	0
4/8/2009	11:00:00	8.13	86.8	0
4/8/2009	12:00:00	8.27	88.3	0
4/8/2009	13:00:00	8.25	88.7	0
4/8/2009	14:00:00	8.13	88.2	0
4/8/2009	15:00:00	8.06	88.6	0
4/8/2009	16:00:00	8.24	90	0
4/8/2009	17:00:00	6.43	61.7	0
4/8/2009	18:00:00	3.05	28.3	0
4/8/2009	19:00:00	4.67	42.8	0
4/8/2009	20:00:00	6.7	60.1	0
4/8/2009	21:00:00	7.74	70.1	0
4/8/2009	22:00:00	4.76	50.6	0
4/8/2009	23:00:00	3.28	35.2	0
4/9/2009	0:00:00	2.16	23.1	0
4/9/2009	1:00:00	1.63	17.4	0
4/9/2009	2:00:00	1.42	15.1	0
4/9/2009	3:00:00	1.15	12.2	0
4/9/2009	4:00:00	1.91	20.2	0
4/9/2009	5:00:00	3.8	39.8	0
4/9/2009	6:00:00	1.58	14.2	0
4/9/2009	7:00:00	1.98	17.7	0
4/9/2009	8:00:00	2.81	24.8	0
4/9/2009	9:00:00	3.28	29.1	0
4/9/2009	10:00:00	3.53	31.5	0
4/9/2009	11:00:00	4.75	43.9	0
4/9/2009	12:00:00	2.47	26.2	0
4/9/2009	13:00:00	1.7	18.1	0
4/9/2009	14:00:00	1.4	15	0
4/9/2009	15:00:00	1.31	14	0
4/9/2009	16:00:00	1.25	13.3	0
4/9/2009	17:00:00	1.85	19.8	0
4/9/2009	18:00:00	1.95	18	0
4/9/2009	19:00:00	1.18	10.6	0
4/9/2009	20:00:00	2.07	18.4	0
4/9/2009	21:00:00	2.2	19.6	0
4/9/2009	22:00:00	2.12	21.1	0
4/9/2009	23:00:00	0.75	8	0
4/10/2009	0:00:00	0.43	4.5	0
4/10/2009	1:00:00	0.34	3.6	0
4/10/2009	2:00:00	0.37	4	0
4/10/2009	3:00:00	0.34	3.6	0
4/10/2009	4:00:00	0.37	3.9	0
4/10/2009	5:00:00	0.5	5.2	0
4/10/2009	6:00:00	0.8	8.2	0
4/10/2009	7:00:00	0.86	7.5	0
4/10/2009	8:00:00	1.27	11.3	0

4/10/2009	9:00:00	1.24	11.5	0
4/10/2009	10:00:00	1.07	10.8	0
4/10/2009	11:00:00	1.16	11.2	0
4/10/2009	12:00:00	0.9	9.6	0
4/10/2009	13:00:00	0.65	6.9	0
4/10/2009	14:00:00	0.42	4.5	0
4/10/2009	15:00:00	0.35	3.8	0
4/10/2009	16:00:00	0.35	3.9	0
4/10/2009	17:00:00	0.49	5.3	0
4/10/2009	18:00:00	0.37	4	0
4/10/2009	19:00:00	0.37	3.3	0
4/10/2009	20:00:00	1.19	10.2	0
4/10/2009	21:00:00	1.96	16.6	0
4/10/2009	22:00:00	2.77	23.4	0
4/10/2009	23:00:00	0.78	8.2	0
4/11/2009	0:00:00	0.63	6.7	0
4/11/2009	1:00:00	0.45	4.8	0
4/11/2009	2:00:00	0.43	4.5	0
4/11/2009	3:00:00	0.42	4.4	0
4/11/2009	4:00:00	0.42	4.3	0
4/11/2009	5:00:00	0.41	4.2	0
4/11/2009	6:00:00	0.45	4.6	0
4/11/2009	7:00:00	0.36	3.5	0
4/11/2009	8:00:00	1.02	9.5	0
4/11/2009	9:00:00	1.23	12.3	0
4/11/2009	10:00:00	1.55	15.5	0
4/11/2009	11:00:00	1.97	20.7	0
4/11/2009	12:00:00	2.55	27.4	0
4/11/2009	13:00:00	3.88	40.1	0
4/11/2009	14:00:00	1.71	18	0
4/11/2009	15:00:00	1.11	11.7	0
4/11/2009	16:00:00	0.99	10.7	0
4/11/2009	17:00:00	1.02	11	0
4/11/2009	18:00:00	0.95	10.2	0
4/11/2009	19:00:00	0.89	8.5	0
4/11/2009	20:00:00	0.43	3.9	0
4/11/2009	21:00:00	0.72	6.4	0
4/11/2009	22:00:00	0.93	8.3	0
4/11/2009	23:00:00	0.75	7.3	0
4/12/2009	0:00:00	0.38	4	0
4/12/2009	1:00:00	0.32	3.3	0
4/12/2009	2:00:00	0.25	2.7	0
4/12/2009	3:00:00	0.2	2.1	0
4/12/2009	4:00:00	0.2	2.1	0
4/12/2009	5:00:00	0.21	2.2	0
4/12/2009	6:00:00	0.25	2.6	0
4/12/2009	7:00:00	0.17	1.8	0
4/12/2009	8:00:00	0.15	1.6	0
4/12/2009	9:00:00	0.2	2.2	0
4/12/2009	10:00:00	0.39	3.9	0
4/12/2009	11:00:00	0.43	4.5	0
4/12/2009	12:00:00	0.47	5	0

4/12/2009	13:00:00	0.49	5.3	0
4/12/2009	14:00:00	0.5	5.3	0
4/12/2009	15:00:00	0.4	4.3	0
4/12/2009	16:00:00	0.27	3	0
4/12/2009	17:00:00	0.22	2.5	0
4/12/2009	18:00:00	0.25	2.7	0
4/12/2009	19:00:00	0.25	2.7	0
4/12/2009	20:00:00	0.24	2.3	0
4/12/2009	21:00:00	0.31	2.8	0
4/12/2009	22:00:00	0.38	3.5	0
4/12/2009	23:00:00	0.43	3.9	0
4/13/2009	0:00:00	0.19	2	0
4/13/2009	1:00:00	0.18	1.9	0
4/13/2009	2:00:00	0.15	1.6	0
4/13/2009	3:00:00	0.14	1.5	0
4/13/2009	4:00:00	0.15	1.6	0
4/13/2009	5:00:00	0.13	1.4	0
4/13/2009	6:00:00	0.14	1.5	0
4/13/2009	7:00:00	0.2	2.1	0
4/13/2009	8:00:00	0.16	1.6	0
4/13/2009	9:00:00	0.2	1.9	0
4/13/2009	10:00:00	0.23	2.3	0
4/13/2009	11:00:00	0.28	2.9	0
4/13/2009	12:00:00	0.3	3.2	0
4/13/2009	13:00:00	0.31	3.3	0
4/13/2009	14:00:00	0.36	3.9	0
4/13/2009	15:00:00	0.32	3.5	0
4/13/2009	16:00:00	0.26	2.8	0
4/13/2009	17:00:00	0.24	2.5	0
4/13/2009	18:00:00	0.2	2.1	0
4/13/2009	19:00:00	0.21	2.2	0
4/13/2009	20:00:00	0.16	1.7	0
4/13/2009	21:00:00	0.22	1.9	0
4/13/2009	22:00:00	0.25	2.1	0
4/13/2009	23:00:00	0.31	2.6	0
4/14/2009	0:00:00	0.22	2.2	0
4/14/2009	1:00:00	0.15	1.5	0
4/14/2009	2:00:00	0.12	1.3	0
4/14/2009	3:00:00	0.13	1.3	0
4/14/2009	4:00:00	0.13	1.3	0
4/14/2009	5:00:00	0.12	1.3	0
4/14/2009	6:00:00	0.13	1.3	0
4/14/2009	7:00:00	0.13	1.4	0
4/14/2009	8:00:00	0.17	1.5	0
4/14/2009	9:00:00	0.2	1.7	0
4/14/2009	10:00:00	0.19	1.7	0
4/14/2009	11:00:00	0.21	2	0
4/14/2009	12:00:00	0.24	2.4	0
4/14/2009	13:00:00	0.27	2.7	0
4/14/2009	14:00:00	0.3	3	0
4/14/2009	15:00:00	0.36	3.5	0
4/14/2009	16:00:00	0.46	4.4	0

4/14/2009	17:00:00	0.24	2.6	0
4/14/2009	18:00:00	0.19	2	0
4/14/2009	19:00:00	0.17	1.8	0
4/14/2009	20:00:00	0.18	1.7	0
4/14/2009	21:00:00	0.2	1.9	0
4/14/2009	22:00:00	0.26	2	0
4/14/2009	23:00:00	0.32	2.5	0
4/15/2009	0:00:00	0.33	2.5	0
4/15/2009	1:00:00	0.34	2.7	0
4/15/2009	2:00:00	0.15	1.5	0
4/15/2009	3:00:00	0.13	1.3	0
4/15/2009	4:00:00	0.13	1.3	0
4/15/2009	5:00:00	0.13	1.3	0
4/15/2009	6:00:00	0.13	1.3	0
4/15/2009	7:00:00	0.13	1.3	0
4/15/2009	8:00:00	0.15	1.3	0
4/15/2009	9:00:00	0.18	1.6	0
4/15/2009	10:00:00	0.17	1.6	0
4/15/2009	11:00:00	0.15	1.4	0
4/15/2009	12:00:00	0.14	1.4	0
4/15/2009	13:00:00	0.16	1.7	0

Recovery finished at 041609 111930

MiniSonde 5 43641
 Log File Name : POND 3 04-16-09
 Setup Date (M/D/YYYY) : 4/16/2009
 Setup Time (HH:MM:SS) : 08:29:20
 Starting Date (M/D/YYYY) : 4/16/2009
 Starting Time (HH:MM:SS) : 08:29:20
 Stopping Date (M/D/YYYY) : 5/2/2009
 Stopping Time (HH:MM:SS) : 11:00:00
 Interval (HH:MM:SS) : 01:00:00
 Sensor warmup (HH:MM:SS) : 00:02:00
 Circltr warmup (HH:MM:SS) : 00:02:00

Date M/D/YYYY	Time HH:MM:SS	LDO% Sat	LDO mg/l	IBatt %Left
4/16/2009	9:29:20	101.8	11.24	0
4/16/2009	10:29:20	102.1	10.97	0
4/16/2009	11:29:20	103.1	10.66	0
4/16/2009	12:29:20	104.7	10.44	0
4/16/2009	13:29:20	104.4	10.12	0
4/16/2009	14:29:20	104.6	9.95	0
4/16/2009	15:29:20	104.8	9.98	0
4/16/2009	16:29:20	104.6	10.26	0
4/16/2009	17:29:20	103.1	10.46	0
4/16/2009	18:29:20	99.1	9.85	0
4/16/2009	19:29:20	91	9.08	0
4/16/2009	20:29:20	88.7	9.02	0
4/16/2009	21:29:20	85.4	8.69	0
4/16/2009	22:29:20	83.3	8.54	0
4/16/2009	23:29:20	82.4	8.69	0
4/17/2009	0:29:20	103.1	12.39	0
4/17/2009	1:29:20	102.8	12.43	0
4/17/2009	2:29:20	102.7	12.68	0
4/17/2009	3:29:20	82.2	10.18	0
4/17/2009	4:29:20	84.2	8.62	0
4/17/2009	5:29:20	88.8	8.89	0
4/17/2009	6:29:20	90.7	9.06	0
4/17/2009	7:29:20	91.8	9.3	0
4/17/2009	8:29:20	98.6	9.82	0
4/17/2009	9:29:20	107	9.92	0
4/17/2009	10:29:20	106.3	10.79	0
4/17/2009	11:29:20	107.5	10.73	0
4/17/2009	12:29:20	106.2	10.39	0
4/17/2009	13:29:20	104	9.9	0
4/17/2009	14:29:20	102.8	9.45	0
4/17/2009	15:29:20	101.6	8.95	0
4/17/2009	16:29:20	101.6	8.87	0
4/17/2009	17:29:20	103.2	9.26	0
4/17/2009	18:29:20	103.7	9.75	0
4/17/2009	19:29:20	93.7	8.85	0
4/17/2009	20:29:20	91	8.94	0
4/17/2009	21:29:20	89.3	8.79	0

4/17/2009	22:29:20	85	8.39	0
4/17/2009	23:29:20	86.2	8.53	0
4/18/2009	0:29:20	83.6	8.4	0
4/18/2009	1:29:20	102.3	11.3	0
4/18/2009	2:29:20	102.3	11.47	0
4/18/2009	3:29:20	102.2	11.56	0
4/18/2009	4:29:20	102.5	11.64	0
4/18/2009	5:29:20	81.8	8.1	0
4/18/2009	6:29:20	89	8.78	0
4/18/2009	7:29:20	87.4	8.58	0
4/18/2009	8:29:20	88	8.61	0
4/18/2009	9:29:20	103.1	9.9	0
4/18/2009	10:29:20	123.3	11.1	0
4/18/2009	11:29:20	106.8	10.28	0
4/18/2009	12:29:20	107.9	10.32	0
4/18/2009	13:29:20	106	9.81	0
4/18/2009	14:29:20	102.5	9.28	0
4/18/2009	15:29:20	102.5	9.22	0
4/18/2009	16:29:20	102	8.92	0
4/18/2009	17:29:20	104.2	9.08	0
4/18/2009	18:29:20	103.2	9.42	0
4/18/2009	19:29:20	127.9	11.22	0
4/18/2009	20:29:20	91.3	8.68	0
4/18/2009	21:29:20	91.5	8.78	0
4/18/2009	22:29:20	90.1	8.63	0
4/18/2009	23:29:20	87.6	8.39	0
4/19/2009	0:29:20	80.3	7.74	0
4/19/2009	1:29:20	78.7	7.65	0
4/19/2009	2:29:20	102.1	11.09	0
4/19/2009	3:29:20	102.4	11.3	0
4/19/2009	4:29:20	102.2	11.35	0
4/19/2009	5:29:20	102.1	11.48	0
4/19/2009	6:29:20	68	6.49	0
4/19/2009	7:29:20	87.1	8.28	0
4/19/2009	8:29:20	90.8	8.62	0
4/19/2009	9:29:20	107.1	10.08	0
4/19/2009	10:29:20	93.4	8.34	0
4/19/2009	11:29:20	128.8	10.97	0
4/19/2009	12:29:20	105.3	9.59	0
4/19/2009	13:29:20	103.9	9.12	0
4/19/2009	14:29:20	102.1	8.77	0
4/19/2009	15:29:20	99.4	8	0
4/19/2009	16:29:20	105.5	8.11	0
4/19/2009	17:29:20	105.7	8.12	0
4/19/2009	18:29:20	104.2	8.18	0
4/19/2009	19:29:20	102.8	8.73	0
4/19/2009	20:29:20	108.1	9.11	0
4/19/2009	21:29:20	94.1	8.68	0
4/19/2009	22:29:20	93.5	8.68	0
4/19/2009	23:29:20	87.2	8.09	0
4/20/2009	0:29:20	82.5	7.64	0
4/20/2009	1:29:20	85.1	7.87	0

4/20/2009	2:29:20	81.1	7.57	0
4/20/2009	3:29:20	81.1	7.76	0
4/20/2009	4:29:20	76.5	7.47	0
4/20/2009	5:29:20	78.3	7.77	0
4/20/2009	6:29:20	81.9	7.28	0
4/20/2009	7:29:20	74.9	6.37	0
4/20/2009	8:29:20	88.8	8.03	0
4/20/2009	9:29:20	91.3	8.33	0
4/20/2009	10:29:20	93.1	8.43	0
4/20/2009	11:29:20	93.3	7.94	0
4/20/2009	12:29:20	134.9	10.73	0
4/20/2009	13:29:20	134.6	10.7	0
4/20/2009	14:29:20	107	9.18	0
4/20/2009	15:29:20	107	9.26	0
4/20/2009	16:29:20	106.2	8.94	0
4/20/2009	17:29:20	103	8.72	0
4/20/2009	18:29:20	101	8.81	0
4/20/2009	19:29:20	101.7	9.09	0
4/20/2009	20:29:20	126.9	10.03	0
4/20/2009	21:29:20	95.3	8.44	0
4/20/2009	22:29:20	94.6	8.51	0
4/20/2009	23:29:20	89.3	8.07	0
4/21/2009	0:29:20	83	7.47	0
4/21/2009	1:29:20	80.7	7.21	0
4/21/2009	2:29:20	83.8	7.35	0
4/21/2009	3:29:20	79.7	7.24	0
4/21/2009	4:29:20	76.9	7.25	0
4/21/2009	5:29:20	79.3	7.71	0
4/21/2009	6:29:20	76.9	6.81	0
4/21/2009	7:29:20	99.4	8.88	0
4/21/2009	8:29:20	77.9	6.62	0
4/21/2009	9:29:20	90.2	7.88	0
4/21/2009	10:29:20	92.7	8.2	0
4/21/2009	11:29:20	96.9	8.45	0
4/21/2009	12:29:20	97.4	8.05	0
4/21/2009	13:29:20	130	10.21	0
4/21/2009	14:29:20	146.3	12.5	0
4/21/2009	15:29:20	105.3	8.87	0
4/21/2009	16:29:20	102.2	8.69	0
4/21/2009	17:29:20	103	8.57	0
4/21/2009	18:29:20	103.8	8.57	0
4/21/2009	19:29:20	102.9	8.94	0
4/21/2009	20:29:20	145.9	11.26	0
4/21/2009	21:29:20	96.3	8.24	0
4/21/2009	22:29:20	93.8	8.2	0
4/21/2009	23:29:20	88.5	7.82	0
4/22/2009	0:29:20	78.8	6.94	0
4/22/2009	1:29:20	78.9	6.88	0
4/22/2009	2:29:20	76.5	6.64	0
4/22/2009	3:29:20	79.1	6.84	0
4/22/2009	4:29:20	75.3	6.93	0
4/22/2009	5:29:20	75.4	7.17	0

4/22/2009	6:29:20	77.9	6.74	0
4/22/2009	7:29:20	95.2	7.9	0
4/22/2009	8:29:20	99.8	8.65	0
4/22/2009	9:29:20	84.9	7.2	0
4/22/2009	10:29:20	90.8	7.79	0
4/22/2009	11:29:20	94.8	8.15	0
4/22/2009	12:29:20	95.7	8.16	0
4/22/2009	13:29:20	99.1	8.02	0
4/22/2009	14:29:20	93.4	7.68	0
4/22/2009	15:29:20	104.8	8.86	0
4/22/2009	16:29:20	102.9	9.99	0
4/22/2009	17:29:20	102.6	10.18	0
4/22/2009	18:29:20	101.5	10.52	0
4/22/2009	19:29:20	101.4	10.95	0
4/22/2009	20:29:20	89.2	7.53	0
4/22/2009	21:29:20	91.7	7.75	0
4/22/2009	22:29:20	92.6	7.98	0
4/22/2009	23:29:20	90.1	7.86	0
4/23/2009	0:29:20	81.3	7.13	0
4/23/2009	1:29:20	80	7.03	0
4/23/2009	2:29:20	82	7.23	0
4/23/2009	3:29:20	88.9	7.92	0
4/23/2009	4:29:20	77.9	7.47	0
4/23/2009	5:29:20	75.5	7.64	0
4/23/2009	6:29:20	72.8	7.43	0
4/23/2009	7:29:20	71.6	7.28	0
4/23/2009	8:29:20	73.3	7.38	0
4/23/2009	9:29:20	85.8	8.53	0
4/23/2009	10:29:20	87.4	7.64	0
4/23/2009	11:29:20	89.8	7.87	0
4/23/2009	12:29:20	94.3	8.19	0
4/23/2009	13:29:20	93.3	8.09	0
4/23/2009	14:29:20	93.9	8.1	0
4/23/2009	15:29:20	93.1	7.98	0
4/23/2009	16:29:20	100.4	8.97	0
4/23/2009	17:29:20	96.9	9.59	0
4/23/2009	18:29:20	102	11.51	0
4/23/2009	19:29:20	101.6	11.78	0
4/23/2009	20:29:20	101.9	11.91	0
4/23/2009	21:29:20	89.5	7.85	0
4/23/2009	22:29:20	91.1	7.99	0
4/23/2009	23:29:20	84.2	7.47	0
4/24/2009	0:29:20	83.5	7.47	0
4/24/2009	1:29:20	81.6	7.32	0
4/24/2009	2:29:20	71.5	6.4	0
4/24/2009	3:29:20	72	6.56	0
4/24/2009	4:29:20	81.6	7.6	0
4/24/2009	5:29:20	74.2	7.75	0
4/24/2009	6:29:20	64.4	6.9	0
4/24/2009	7:29:20	77.4	7.93	0
4/24/2009	8:29:20	72.6	7.08	0
4/24/2009	9:29:20	102	10.8	0

4/24/2009	10:29:20	102.9	10.81	0
4/24/2009	11:29:20	90.6	8.16	0
4/24/2009	12:29:20	98.6	8.6	0
4/24/2009	13:29:20	100.6	8.67	0
4/24/2009	14:29:20	94.7	8.15	0
4/24/2009	15:29:20	92.5	8.12	0
4/24/2009	16:29:20	93.7	8.1	0
4/24/2009	17:29:20	104.6	11.39	0
4/24/2009	18:29:20	102.3	11.55	0
4/24/2009	19:29:20	102	11.89	0
4/24/2009	20:29:20	101.9	12.1	0
4/24/2009	21:29:20	87.8	8.3	0
4/24/2009	22:29:20	91.4	8.13	0
4/24/2009	23:29:20	91.4	8.22	0
4/25/2009	0:29:20	81.1	7.33	0
4/25/2009	1:29:20	77.9	7.09	0
4/25/2009	2:29:20	70.2	6.47	0
4/25/2009	3:29:20	68.9	6.34	0
4/25/2009	4:29:20	85.8	8.03	0
4/25/2009	5:29:20	78.2	7.86	0
4/25/2009	6:29:20	73.6	7.95	0
4/25/2009	7:29:20	93	9.69	0
4/25/2009	8:29:20	82.8	7.72	0
4/25/2009	9:29:20	96.3	9.27	0
4/25/2009	10:29:20	104.6	11	0
4/25/2009	11:29:20	105.2	10.87	0
4/25/2009	12:29:20	93	8.4	0
4/25/2009	13:29:20	88.5	7.97	0
4/25/2009	14:29:20	92.1	8.26	0
4/25/2009	15:29:20	99.2	8.53	0
4/25/2009	16:29:20	91.7	8.06	0
4/25/2009	17:29:20	97.2	8.25	0
4/25/2009	18:29:20	103.7	11.37	0
4/25/2009	19:29:20	102.5	11.81	0
4/25/2009	20:29:20	102.3	12.02	0
4/25/2009	21:29:20	102.6	12.1	0
4/25/2009	22:29:20	90	8.07	0
4/25/2009	23:29:20	91.3	8.23	0
4/26/2009	0:29:20	85.4	7.74	0
4/26/2009	1:29:20	65.3	5.96	0
4/26/2009	2:29:20	52	4.78	0
4/26/2009	3:29:20	77.7	7.19	0
4/26/2009	4:29:20	77.3	7.17	0
4/26/2009	5:29:20	83.4	7.83	0
4/26/2009	6:29:20	76.5	7.64	0
4/26/2009	7:29:20	76.5	7.1	0
4/26/2009	8:29:20	79.8	7.34	0
4/26/2009	9:29:20	102.6	10.17	0
4/26/2009	10:29:20	104.6	10.86	0
4/26/2009	11:29:20	105.4	10.96	0
4/26/2009	12:29:20	104.1	10.67	0
4/26/2009	13:29:20	94.9	8.52	0

4/26/2009	14:29:20	88.9	8.05	0
4/26/2009	15:29:20	89.8	8.12	0
4/26/2009	16:29:20	91.9	8.28	0
4/26/2009	17:29:20	91.4	7.89	0
4/26/2009	18:29:20	92	8.17	0
4/26/2009	19:29:20	79.2	8.37	0
4/26/2009	20:29:20	93.1	10.59	0
4/26/2009	21:29:20	101.7	11.69	0
4/26/2009	22:29:20	83.4	7.59	0
4/26/2009	23:29:20	90.2	8.17	0
4/27/2009	0:29:20	91.1	8.34	0
4/27/2009	1:29:20	91.4	8.44	0
4/27/2009	2:29:20	92.3	8.55	0
4/27/2009	3:29:20	90.7	8.41	0
4/27/2009	4:29:20	83.7	7.86	0
4/27/2009	5:29:20	87.1	8.22	0
4/27/2009	6:29:20	89.4	8.56	0
4/27/2009	7:29:20	99.1	11.47	0
4/27/2009	8:29:20	102.2	11.66	0
4/27/2009	9:29:20	102.6	11.51	0
4/27/2009	10:29:20	103.4	11.32	0
4/27/2009	11:29:20	105	11.12	0
4/27/2009	12:29:20	104.1	10.84	0
4/27/2009	13:29:20	104.7	10.93	0
4/27/2009	14:29:20	93.6	8.48	0
4/27/2009	15:29:20	106.8	9.38	0
4/27/2009	16:29:20	99	8.76	0
4/27/2009	17:29:20	93.5	8.57	0
4/27/2009	18:29:20	91.5	8.47	0
4/27/2009	19:29:20	90.5	8.17	0
4/27/2009	20:29:20	89.3	9.43	0
4/27/2009	21:29:20	78.4	8.56	0
4/27/2009	22:29:20	93.9	11.46	0
4/27/2009	23:29:20	88.8	8.59	0
4/28/2009	0:29:20	91.2	8.51	0
4/28/2009	1:29:20	89.5	8.38	0
4/28/2009	2:29:20	89.5	8.41	0
4/28/2009	3:29:20	88.9	8.43	0
4/28/2009	4:29:20	89.9	8.67	0
4/28/2009	5:29:20	74.9	7.16	0
4/28/2009	6:29:20	75.7	7.19	0
4/28/2009	7:29:20	111.8	10.87	0
4/28/2009	8:29:20	101.8	10.22	0
4/28/2009	9:29:20	109	10.92	0
4/28/2009	10:29:20	81.4	8.97	0
4/28/2009	11:29:20	104.5	11.04	0
4/28/2009	12:29:20	104.5	11.01	0
4/28/2009	13:29:20	104.6	10.97	0
4/28/2009	14:29:20	101.8	10.56	0
4/28/2009	15:29:20	95	8.82	0
4/28/2009	16:29:20	93.5	8.74	0
4/28/2009	17:29:20	94	8.73	0

4/28/2009	18:29:20	91.6	8.64	0
4/28/2009	19:29:20	90.6	8.62	0
4/28/2009	20:29:20	87.4	8.21	0
4/28/2009	21:29:20	77.6	8.49	0
4/28/2009	22:29:20	61	6.87	0
4/28/2009	23:29:20	75.5	9.18	0
4/29/2009	0:29:20	85.4	8.22	0
4/29/2009	1:29:20	86.1	8.15	0
4/29/2009	2:29:20	78.3	7.4	0
4/29/2009	3:29:20	53.1	5.05	0
4/29/2009	4:29:20	31.1	2.96	0
4/29/2009	5:29:20	39.4	3.81	0
4/29/2009	6:29:20	34.1	3.3	0
4/29/2009	7:29:20	81.6	7.82	0
4/29/2009	8:29:20	87.9	8.26	0
4/29/2009	9:29:20	75.2	7.44	0
4/29/2009	10:29:20	74.3	7.85	0
4/29/2009	11:29:20	104.7	10.97	0
4/29/2009	12:29:20	105.3	10.92	0
4/29/2009	13:29:20	102.1	10.59	0
4/29/2009	14:29:20	103	10.68	0
4/29/2009	15:29:20	102.7	10.43	0
4/29/2009	16:29:20	105.3	9.39	0
4/29/2009	17:29:20	91.4	8.61	0
4/29/2009	18:29:20	91.9	8.79	0
4/29/2009	19:29:20	89.6	8.63	0
4/29/2009	20:29:20	85	8.22	0
4/29/2009	21:29:20	87.9	8.58	0
4/29/2009	22:29:20	75.4	8.14	0
4/29/2009	23:29:20	56.5	6.24	0
4/30/2009	0:29:20	51.6	5.76	0
4/30/2009	1:29:20	84	8.3	0
4/30/2009	2:29:20	89.2	8.54	0
4/30/2009	3:29:20	82.9	7.91	0
4/30/2009	4:29:20	42.4	4.03	0
4/30/2009	5:29:20	35.1	3.37	0
4/30/2009	6:29:20	26.3	2.56	0
4/30/2009	7:29:20	43.6	4.19	0
4/30/2009	8:29:20	98	9.45	0
4/30/2009	9:29:20	106.3	10.11	0
4/30/2009	10:29:20	106.4	10.81	0
4/30/2009	11:29:20	104.3	10.21	0
4/30/2009	12:29:20	108.3	9.38	0
4/30/2009	13:29:20	105.7	9.32	0
4/30/2009	14:29:20	105.5	9.5	0
4/30/2009	15:29:20	104.6	9.54	0
4/30/2009	16:29:20	102.7	9.44	0
4/30/2009	17:29:20	101.9	9.39	0
4/30/2009	18:29:20	102.2	9.42	0
4/30/2009	19:29:20	103	9.49	0
4/30/2009	20:29:20	102.3	9.43	0
4/30/2009	21:29:20	101.5	9.38	0

4/30/2009	22:29:20	102.8	9.52	0
4/30/2009	23:29:20	102.4	9.51	0
5/1/2009	0:29:20	102.8	9.57	0
5/1/2009	1:29:20	102.6	9.59	0
5/1/2009	2:29:20	102.4	9.6	0
5/1/2009	3:29:20	102.2	9.61	0
5/1/2009	4:29:20	102.1	9.65	0
5/1/2009	5:29:20	101.8	9.66	0
5/1/2009	6:29:20	101.8	9.7	0
5/1/2009	7:29:20	101.6	9.73	0
5/1/2009	8:29:20	102	9.8	0
5/1/2009	9:29:20	101.6	9.79	0
5/1/2009	10:29:20	98.8	9.53	0
5/1/2009	11:29:20	95.9	9.25	0
5/1/2009	12:29:20	96.4	9.27	0
5/1/2009	13:29:20	98.1	9.41	0
5/1/2009	14:29:20	98.1	9.38	0
5/1/2009	15:29:20	98.5	9.39	0
5/1/2009	16:29:20	98.8	9.4	0
5/1/2009	17:29:20	99.2	9.42	0
5/1/2009	18:29:20	99.4	9.44	0
5/1/2009	19:29:20	99.4	9.44	0
5/1/2009	20:29:20	98.9	9.38	0
5/1/2009	21:29:20	99.1	9.4	0
5/1/2009	22:29:20	99.3	9.42	0
5/1/2009	23:29:20	99	9.39	0
5/2/2009	0:29:20	98.9	9.38	0
5/2/2009	1:29:20	98.9	9.39	0
5/2/2009	2:29:20	98.9	9.4	0
5/2/2009	3:29:20	98.7	9.39	0
5/2/2009	4:29:20	98.6	9.39	0
5/2/2009	5:29:20	98.1	9.36	0
5/2/2009	6:29:20	98.4	9.4	0
5/2/2009	7:29:20	98.1	9.38	0
5/2/2009	8:29:20	97.2	9.3	0
5/2/2009	9:29:20	96.6	9.24	0
5/2/2009	10:29:20	96.4	9.21	0

ATTACHMENT C

Erosion Pins and Sediment Tables--Ponds 3, 4, and 5 Napa-Sonoma Wildlife Area

Surveyor: K. Taylor, M. Sipes

Date completed: Survey dates include 12-12, 22 2008 and 1-6, 8 2009

Weather Conditions: 12-12-08 Party Sunny, breezy. 12-22-08 Rained in AM, but partly cloudy when survey was conducted.

1-6-09 and 1-8-09 Afternoon surveys were slight breeze and partly sunny.

Pond	Code	OLD Measurement (mm)	NEW Measurement (mm)	Difference	Comments
3	3S-1	0	21.167		
	3S-2	0	0	0	exposed with ~3 inches of erosion under plate; also portions undercut by 5.4 cm
	3S-3	0	26.6	26.6	
	3S-4	0	69	69	
3	3E-1N	3.268	3.078	-0.19	
	3E-1M	3.616	3.469	-0.147	
	3E-1S	3.789	3.609	-0.18	
	3E-2N	3.461	3.391	-0.07	
	3E-2M	3.329	3.344	0.015	
	3E-2S	3.614	3.469	-0.145	
	3E-3N	3.197	3.354	0.157	
	3E-3M	2.857	3.151	0.294	

3E-3S	3.472	3.51	0.038		
3E-4N	3.09	3.031	-0.059		On high ecreted marsh so good check since little to no change should have occurred.
3E-4M	3.139	2.932	-0.207		On high ecreted marsh so good check since little to no change should have occurred.
3E-4S	3.146	3.161	0.015		
3E-5N	3.363	3.016	-0.347		N Pin point toward Am Can.
3E-5M	3.279	3.13	-0.149		
3E-5S	3.315	3.109	-0.206		
3E-6N	3.036	3.156	0.12		N Pin point toward Am Can./Vallejo
3E-6M	3.186	3.005	-0.181		
3E-6S	3	3.109	0.109		
3E-7N	3.236	3.203	-0.033		Leaning at 45° toward slough
3E-7M	3.002	X		X	pole gone
3E-7S	3.35	X		X	pole gone
3E-8N	3.024	2.974	-0.05		195 inches between N and M pole
3E-8M	3.142	3.0365	-0.1055		
3E-8S	3.34	X		X	pole gone; lost approx 10 inches of edge
3E-9N	2.971	2.901	-0.07		
3E-9M	2.956	2.615	-0.341		
3E-9S	2.788	2.77	-0.018		

	4E-4S	3.604	3.578	-0.026	
	4E-5N	2.978	3.0729	0.0949	
	4E-5M	3.023	3.0099	-0.0131	
	4E-5S	2.981	2.948	-0.033	
	4E-6N	3.15	3.287	0.137	
	4E-6M	3.539	3.401	-0.138	
	4E-6S	3.5	3.318	-0.182	

Pond	Code	OLD Measurement (mm)	NEW Measurement (mm)	Difference	Comments
5	5S-1	0	65.2	65.2	
	5S-2	0	0	0	
	5S-3	0	26.6	26.6	
	5S-4	0	47.25	47.25	Stepped on plate because it wasn't alligned with reference poles. Approx. 1 foot East of poles.
	Code	OLD Measurement (feet)	NEW Measurement (feet)	Difference	Comments
5	5E-1N	3.325	3.26	-0.065	
	5E-1M	3.056	3.005	-0.051	
	5E-1S	3.32	3.21	-0.11	
	5E-2N	3.607	3.438	-0.169	

5E-2M	3.417	3.198	-0.219	
5E-2S	3.15	3.151	0.001	
5E-3N	3.173	3.203	0.03	
5E-3M	2.835	2.885	0.05	
5E-3S	2.982	2.953	-0.029	
5E-4N	3.123	2.672	-0.451	
5E-4M	3.049	2.693	-0.356	
5E-4S	3.259	2.859	-0.4	
5E-5N	X	3.37	X	No data from base data.
5E-5M	X	3.219	X	No data from base data.
5E-5S	X	3.172	X	No data from base data.
5E-6N	3.12	3.099	-0.021	On high ecreted marsh so good check since little to no change should have occurred.
5E-6M	3.248	3.177	-0.071	On high ecreted marsh so good check since little to no change should have occurred.
5E-6S	3.247	3.229	-0.018	
5E-7N	3.126	2.938	-0.188	
5E-7M	3.203	2.807	-0.396	
5E-7S	3.564	3.672	0.108	

NOTE: Measurement difference compared with base data may not be very accurate due to the different collection techniques used. Base data was collected with GPS Survey equipment by DU and Survey 1 data was collected with measuring tape by DFG. The accuracy of the Survey equipment is more precise than the simple, straightforward approach of a measuring tape.

3S-1 average (cm)		3S-3 average (cm)	3S-4 average (cm)
3		2.3	7.5
2.6		3.6	7.1
1.9		2.8	6.3
1.8		1.4	7.2
1.6		3.2	6.4
1.8			
		2.66	6.9

2.116666667
0

4S-1 average (cm)		4S-4 average (cm)
0.5		4.8
1.1		6.4
0.7		3.1
0.8		4.6
0.8		
		4.725

0.78

5S-1 average (cm)		5S-3 average (cm)	5S-4 average (cm)
5.8		10.9	8.4
6.1		11.1	13.2
7.5		10.1	13.8
7.3		10.1	15.1
5.9		9.9	12.625
		0	

6.52

10.42