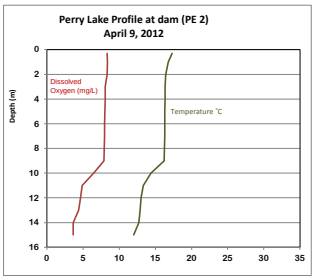
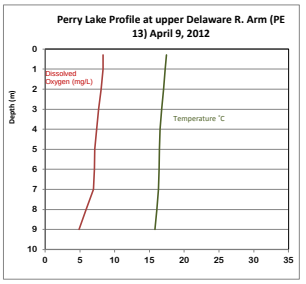
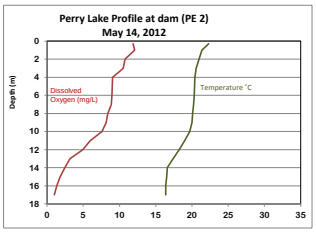
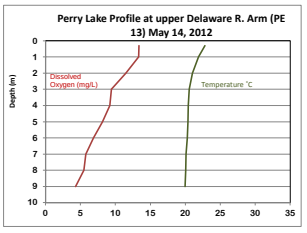
Date MMDDYY	Time HHMMSS	Temp øC	Conductivity uS/cm	pH Units	Turbidity NTU	PCY cell/mL	D.O. mg/l	LDO %Sat	Depth (M) meters	Site #	Secchi Depth (m)	Lake level'	OUTFLOW CFS
4/9/2012	14:03:06	14.1	367.5	7.4	136.7	177310.0	10.2	102.5	0.3	PE 1		892.80	75
4/9/2012	12:54:01	17.3	356.9	8.1	8.8	34287.0	8.3	89.8	0.3	PE 2	0.7		
4/9/2012	12:54:19	16.8	355.1	8.1	8.2	30920.0	8.4	89.5	1.0				
4/9/2012	12:54:29	16.4	355.6	8.1	9.1	31462.0	8.3	87.9	2.0				
4/9/2012	12:54:55	16.3	355.8	8.1	9.9	35029.0	8.1	85.3	3.0				
4/9/2012	12:55:11	16.3	355.7	8.1	10.5	34470.0	8.1	85.2	4.0				
4/9/2012	12:55:25	16.3	356.4	8.1	10.7	34570.0	8.0	84.9	5.0				
4/9/2012	12:55:39	16.3	355.9	8.1	10.5	34942.0	8.0	84.4	6.0				
4/9/2012	12:55:51	16.3	356.0	8.1	10.8	34946.0	8.0	84.3	7.0				
4/9/2012	12:56:06	16.3	355.4	8.1	11.0	35167.0	7.9	83.9	8.0				
4/9/2012	12:56:18	16.2	355.7	8.1	11.7	35910.0	7.9	83.5	9.0				
4/9/2012	12:56:27	14.4	347.3	8.0	49.1	80469.0	6.5	64.4	10.0				
4/9/2012	12:56:40	13.3	345.0	7.8	64.8	100686.0	4.9	48.4	11.0				
4/9/2012	12:56:54	13.0	344.7	7.7	75.3	108729.0	4.7	45.8	12.0				
4/9/2012	12:57:10	12.9	345.0	7.7	85.9	124411.0	4.4	43.1	13.0				
4/9/2012	12:57:31	12.7	344.6	7.6	131.0	199891.0	3.6	35.4	14.0				
4/9/2012	12:57:38	12.0	344.5	7.6	146.1	206597.0	3.7	35.2	15.0				
4/9/2012	11:17:42	16.9	348.6	7.9	8.1	29118.0	8.5	91.2	0.3	PE 3	0.9		
4/9/2012	11:17:50	16.9	348.8	8.0	8.9	29160.0	8.5	90.6	1.0				
4/9/2012	11:18:05	16.9	349.1	8.1	8.9	29485.0	8.4	90.1	2.0				
4/9/2012	11:18:28	16.8	348.8	8.1	9.9	28601.0	8.4	90.0	3.0				
4/9/2012	11:18:39	16.4	347.3	8.1	10.0	30299.0	8.5	89.7	4.0				
4/9/2012	11:18:53	16.2	347.2	8.1	12.0	35601.0	8.2	86.1	5.0				
4/9/2012	11:19:07	16.1	347.0	8.1	15.1	38913.0	7.9	82.9	6.0				
4/9/2012	11:19:30	15.8	346.3	8.0	42.5	65138.0	7.0	72.7	7.0				
4/9/2012	11:19:54	15.7	346.8	7.9	79.9	96794.0	6.5	67.8	8.0				
4/9/2012	11:20:14	15.6	349.3	7.9	122.9	185446.0	5.9	61.1	9.0				
4/9/2012	12:20:26	17.6	463.7	8.4	28.6	48415.0	10.0	109.1	0.3	PE 6	0.3		
4/9/2012	12:20:47	17.6	474.1	8.5	28.6	47691.0	10.6	115.2	1.0				
4/9/2012	12:21:06	17.2	506.3	8.5	41.0	54333.0	11.0	118.9	2.0				
4/9/2012	12:21:27	17.1	506.8	8.5	64.7	78550.0	10.9	117.4	3.0				
4/9/2012	11:52:30	17.5	351.9	8.1		17323.0	8.3	90.3	0.3	PE 13	0.5		
4/9/2012	11:52:52	17.3	351.4	8.2	17.1	42144.0	8.3	90.0	1.0				
4/9/2012	11:53:09	17.0	351.9	8.2	18.0	41091.0	8.0	85.8	2.0				
4/9/2012	11:53:20	16.8	356.5	8.1	18.7	43703.0	7.7	82.1	3.0				
4/9/2012	11:53:34	16.5	359.3	8.1	20.3	48926.0	7.4	78.5	4.0				
4/9/2012	11:53:48	16.5	359.2	8.1	27.9	52526.0	7.2	75.9	5.0				
4/9/2012	11:54:04	16.4	359.4	8.0	25.9	52555.0	7.1	75.0	6.0				
4/9/2012	11:54:31	16.3	358.7	8.0	35.3	56535.0	7.0	73.5	7.0				
4/9/2012	11:54:49	16.1	356.9	7.9	49.0	81450.0	5.9	62.1	8.0				
4/9/2012	11:55:05	15.8	357.9	7.8	105.5	166589.0	4.9	51.0	9.0				





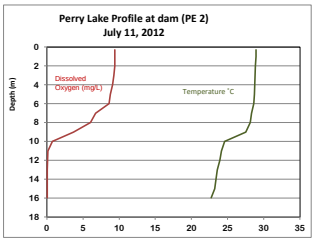
Date MMDDYY	Time HHMMSS	Temp øC	Conductivity uS/cm	pH Units	Turbidity NTU	PCY cell/mL	D.O. mg/l	LDO %Sat	Depth (M) meters	Site #	Secchi Depth (m)	Lake level'	OUTFLOW CFS
5/14/2012	13:50:24	21.57	390.7	8.62	26.9	36590	11.48	130.7	0.3	PE 1		893.46	25
5/14/2012	13:00:08	22.28	370.6	8.82	3.6	14512	11.87	137	0.3	PE 2	1.24		
5/14/2012	13:00:14	21.37	371.3	8.71	3.1	15096	12.08	137.1	1.0				
5/14/2012	13:00:20	20.96	371.7	8.66	2.8	14059	10.76	121	2.0				
5/14/2012	13:00:27	20.56	375	8.53	2.6	12768	10.5	115.5	3.0				
5/14/2012	13:00:35	20.4	375.5	8.51	2.5	12773	9.05	100.7	4.0				
5/14/2012	13:00:40	20.34	375.8	8.5	2.6	13094	9.01	100.2	5.0				
5/14/2012	13:00:45	20.29	375.7	8.47	2.7	13690	8.96	99.5	6.0				
5/14/2012	13:00:51	20.23	375.8	8.44	3.1	14808	8.88	98.5	7.0				
5/14/2012	13:01:07	20.09	377.7	8.39	4.4	18571	8.37	92.5	8.0				
5/14/2012	13:01:14	20.01	377.2	8.34	6	20474	8.17	90.2	9.0				
5/14/2012	13:01:37	19.7	378.2	8.19	22.8	29723	7.6	83.4	10.0				
5/14/2012	13:01:46	18.99	378.8	7.93	29.8	38496	5.95	64.3	11.0				
5/14/2012	13:01:56	18.22	378.1	7.79	33.3	51492	4.93	52.5	12.0				
5/14/2012	13:02:06	17.4	380	7.7	44.6	61258	3.16	33.1	13.0				
5/14/2012	13:02:14	16.62	380.1	7.63	61	88271	2.46	25.4	14.0				
5/14/2012	13:02:21	16.5	380.2	7.61	63.7	86803	1.8	18.5	15.0				
5/14/2012	13:02:31	16.4	380.5	7.6	48.8	81116	1.38	14.1	16.0				
5/14/2012	13:03:01	16.37	381	7.59	54.9	146439	1.03	10.5	17.0				
5/14/2012	11:21:21	21.54	348	8.78	7.5	19894	13.64	155.2	0.3	PE 3	0.8		
5/14/2012	11:21:33	20.65	352.9	8.56	8.7	20611	11.97	133.8	1.0				
5/14/2012	11:21:41	20.08	370.3	8.29	5.7	19327	10.03	110.9	2.0				
5/14/2012	11:21:48	20.03	370.9	8.33	5.5	18396	8.9	98.3	3.0				
5/14/2012	11:21:55	19.99	368.8	8.34	5.5	17708	8.8	97.2	4.0				
5/14/2012	11:22:02	19.92	369.6	8.29	5.9	18642	8.7	95.9	5.0				
5/14/2012	11:22:09	19.77	373.6	8.07	23.9	41170	7.62	81.5	6.0				
5/14/2012	11:22:16	19.54	377.1	7.88	40.5	47069	5.63	61.6	7.0				
5/14/2012	11:22:23	19.43	378.4	7.86	45.9	54080	4.87	53.1	8.0				
5/14/2012	11:22:30	19.35	380.1	7.82	72	94779	4.2	45.1	9.0				
5/14/2012	11:56:29	21.79	447.9	8.33	40.9	53352	8.8	100.6	0.3	PE 6	0.35		
5/14/2012	11:56:45	21.01	435.3	8.18	51.2	58659	7.45	83.9	1.0				
5/14/2012	11:57:04	20.88	448.9	8.09	66.1	79650	6.12	68.7	2.0				
5/14/2012	11:57:34	20.85	477.9	8	75.8	93948	4.58	51.5	3.0				
5/14/2012	11:57:55	20.76	486.6	7.93	94.6	111030	4.35	48.7	4.0				
5/14/2012	12:34:27	22.78	361.7	8.85	7.1	16356	13.36	155.7	0.3	PE 13	0.83		
5/14/2012	12:34:37	21.89	355	8.74	7.4	16143	13.32	152.6	1.0				
5/14/2012	12:34:44	21.01	370.8	8.53	7.3	16064	11.47	129.1	2.0				
5/14/2012	12:34:57	20.57	373.5	8.41	7.2	17286	9.42	105.2	3.0				
5/14/2012	12:35:02	20.43	375.7	8.38	7.2	17695	9.22	102.6	4.0				
5/14/2012	12:35:16	20.38	374.3	8.33	7.2	19589	8.14	90.5	5.0				
5/14/2012	12:35:29	20.29	376.6	8.15	15	25296	6.85	76	6.0				
5/14/2012	12:35:36	20.12	379.5	8.06	48.9	64825	5.79	64.1	7.0				
5/14/2012	12:35:42	20.04	381.7	8	81.4	96489	5.5	60.8	8.0				
5/14/2012	12:36:09	19.98	382.9	7.96	135.8	169593	4.32	47.3	9.0				

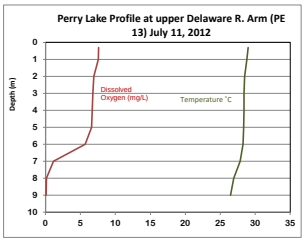




June 2012- Data recorder failure at Perry Lake

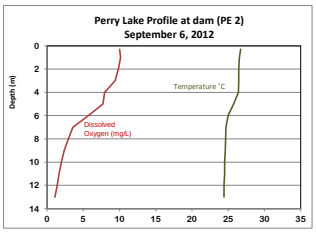
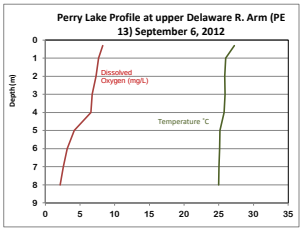
Date MMDDYY	Time HHMMSS	Temp øC	Conductivity uS/cm	pH Units	Turbidity NTU	PCY cell/mL	D.O. mg/l	LDO %Sat	Depth (M) meters	Site #	Secchi Depth (m)	Lake level'	OUTFLOW CFS
7/11/2012	11:00:20	25.47	368.5	7.92	55.6	23811	7.79	95.1	0.3	PE 1		892.88	25
7/11/2012	10:03:08	28.95	341.7	8.74	7.3	11142	9.38	122	0.3	PE 2	1.00		
7/11/2012	10:03:26	28.93	342.2	8.74	7.8	10894	9.39	122.1	1.0				
7/11/2012	10:03:36	28.83	341.3	8.72	8	10966	9.39	121.8	2.0				
7/11/2012	10:03:44	28.78	341.7	8.7	8.2	11093	9.28	120.3	3.0				
7/11/2012	10:04:03	28.77	341.8	8.69	8.5	11411	9.07	117.5	4.0				
7/11/2012	10:04:47	28.7	341.9	8.63	8.5	11788	8.79	113.8	5.0				
7/11/2012	10:04:55	28.6	342.3	8.58	8.5	11740	8.58	110.9	6.0				
7/11/2012	10:05:31	28.32	345.7	8.4	10.3	14667	6.74	86.7	7.0				
7/11/2012	10:05:40	28.14	348.6	8.21	10.6	14224	6.04	77.4	8.0				
7/11/2012	10:05:52	27.52	351.9	7.83	10.4	13728	3.69	46.7	9.0				
7/11/2012	10:06:04	24.58	367.3	7.51	10.5	15075	0.76	9.2	10.0				
7/11/2012	10:06:18	24.14	369.7	7.51	11.3	19473	0.12	1.4	11.0				
7/11/2012	10:06:26	23.94	371.2	7.5	12.6	21805	0.08	1	12.0				
7/11/2012	10:06:38	23.58	374.4	7.49	26.5	28621	0.06	0.7	13.0				
7/11/2012	10:06:46	23.38	377	7.49	20.7	33390	0.05	0.6	14.0				
7/11/2012	10:06:55	23.2	378.7	7.49	20.3	30887	0.05	0.5	15.0				
7/11/2012	10:07:04	22.75	384.1	7.46	29.8	32234	0.05	0.5	16.0				
7/11/2012	8:15:38	28.32	344.1	8.26	14	20236	6.28	80.8	0.3	PE 3	0.65		
7/11/2012	8:16:07	28.32	344.7	8.25	14	20357	6.28	80.8	1.0				
7/11/2012	8:16:19	28.17	345.6	8.14	13.8	19848	5.56	71.3	2.0				
7/11/2012	8:16:28	28.07	345.9	8.12	13.3	18717	5.42	69.4	3.0				
7/11/2012	8:16:43	28.03	345.4	8.13	12.2	16277	5.12	65.5	4.0				
7/11/2012	8:16:53	28.01	345.6	8.12	11.4	16335	5.1	65.1	5.0				
7/11/2012	8:17:03	27.87	347.8	7.94	11.8	18647	4.3	54.9	6.0				
7/11/2012	8:18:49	27.39	357	7.6	20.6	24341	0.39	4.9	7.0				
7/11/2012	8:19:00	27.23	360.2	7.58	31.2	35230	0.1	1.3	8.0				
7/11/2012	8:19:22	27.21	360.8	7.59	100.4	80565	0.05	0.6	9.0				
7/11/2012	8:54:51	27.26	373.4	7.8	30	37139	2.93	36.9	0.3	PE 6	0.40		
7/11/2012	8:55:04	27.22	379.9	7.79	40.6	43757	2.55	32.2	1.0				
7/11/2012	8:55:19	27.19	418.5	7.91	88.9	55697	2.71	34.2	2.0				
7/11/2012	8:55:46	27.02	428.3	7.92	2470	907594	5.01	63	3.0				
7/11/2012	9:29:42	28.99	339.8	8.54	12.6	21639	7.61	99	0.3	PE 13	0.75		
7/11/2012	9:29:54	28.8	340.4	8.48	12.6	20457	7.57	98.2	1.0				
7/11/2012	9:30:13	28.47	344.8	8.45	12.5	18976	6.92	89.2	2.0				
7/11/2012	9:30:21	28.4	345.1	8.44	12.4	18367	6.78	87.4	3.0				
7/11/2012	9:30:32	28.39	345.6	8.44	12.4	18196	6.7	86.3	4.0				
7/11/2012	9:30:51	28.35	345.9	8.4	12.8	19393	6.58	84.7	5.0				
7/11/2012	9:31:01	28.27	348.3	8.26	13.8	21425	5.69	73.1	6.0				
7/11/2012	9:31:14	27.85	356.1	7.7	31.9	40586	1.16	14.8	7.0				
7/11/2012	9:31:27	26.9	363	7.58	50.7	50640	0.15	1.8	8.0				
7/11/2012	9:31:36	26.46	370.7	7.54	54.1	64658	0.1	1.3	9.0				





Date MMDDYY	Time HHMMSS	Temp øC	Conductivity uS/cm	pH Units	Turbidity NTU	PCY cell/mL	D.O. mg/l	LDO %Sat	Depth (M) meters	Site #	Secchi Depth (m)	Lake level'	OUTFLOW CFS
8/16/2012	10:04:23	25.7	356.5	7.99	12.7		0	0	0.3	PE 2	0.7		
8/16/2012	10:04:30	25.71	356.2	7.98	12.9	29698	0	0	1.0			888.66	100
8/16/2012	10:04:37	25.71	356.4	7.98	13.3	29713	0	0	2.0				
8/16/2012	10:04:46	25.71	356.8	7.97	13.3	29577	5.39	66.2	3.0				
8/16/2012	10:04:53	25.71	356.2	7.98	13.5	29439	5.41	66.4	4.0				
8/16/2012	10:05:01	25.71	356.2	7.98	13.8	29372	0	0	5.0				
8/16/2012	10:05:09	25.71	356.4	7.98	13.9	29381	3.85	47.2	6.0				
8/16/2012	10:05:21	25.71	356	7.99	14	29802	0	0	7.0				
8/16/2012	10:05:30	25.71	356	7.99	14.2	29777	3.45	42.4	8.0				
8/16/2012	10:05:37	25.7	356.1	7.98	14.3	29815	0	0	9.0				

* EQUIPMENT MALFUNCTION DISSOLVED OXYGEN SENSOR*

8/16/2012	10:05:45	25.65	356.8	8	14.3	30991	0	0	10.0		
8/16/2012	10:05:53	25.67	355.9	8	14.5	31926	5.79	71	11.0		
8/16/2012	10:06:01	25.66	356.2	8	14.7	32530	0	0	12.0		
8/16/2012	10:06:09	25.66	355.8	8	15	32197	0	0	13.0		
8/16/2012	10:06:17	25.65	355.9	7.99	15.2	32806	0	0	14.0		
8/16/2012	10:06:32	25.65	356.2	8			0	0	15.0		
8/16/2012	8:17:54	26.08	354.8	8.16	16.3	33089	0	0	0.3	PE 3	0.45
8/16/2012	8:18:12	26.07	354.7	8.16	16.7	31220	0	0	1.0		
8/16/2012	8:18:22	26.07	354.7	8.15	16.8	31208	0	0	2.0		
8/16/2012	8:18:31	25.98	355.2	8.1	17.4	32635	0	0	3.0		
8/16/2012	8:18:39	25.84	354.3	8.08	28.6	37466	0	0	4.0		
8/16/2012	8:18:47	25.72	354.5	8.07	36.6	46844	0	0	5.0		
8/16/2012	8:18:54	25.61	354.5	8.04	49.4	54587	0	0	6.0		
8/16/2012	8:19:04	24.92	355.4	7.86	113	127653	0	0	7.0		
8/16/2012	8:19:32	24.9	357.9	7.78	267.6	272721	0	0	8.0		
8/16/2012	9:05:34	25.16	388.4	8.07	105.2	127403	0	0	0.3	PE 6	0.17
8/16/2012	9:05:54	24.82	398.8	8.07	115.8		0	0	1.0		
8/16/2012	9:06:10	24.4	408.7	8.08	226.2		6.41	76.8	2.0		
8/16/2012	9:39:14	25.78	356.1	8.21	16.9	38090	0	0	0.3	PE 13	0.47
8/16/2012	9:39:22	25.79	355.9	8.25	17.3	37704	0	0	1.0		
8/16/2012	9:39:29	25.79	356.4	8.23	17.5	37190	0	0	2.0		
8/16/2012	9:39:38	25.79	357	8.23	17.7	37541	0	0	3.0		
8/16/2012	9:39:49	25.74	357.2	8.16	18.8	40703	0	0	4.0		
8/16/2012	9:39:58	24.91	358.7	7.94	46.8	72376	0	0	5.0		
8/16/2012	9:40:06	24.73	359.5	7.87	69.7		0	0	6.0		
8/16/2012	9:40:13	24.63	359.7	7.84	117.4		0	0	7.0		
8/16/2012	9:40:32	24.55	361.3	7.79	285.9		0	0	8.0		
8/16/2012	7:32:46	25.2	355.8	8.2	19.9	34979	0	0	0.3	PE 1	

Date	Time	Temp	Conductivity	pH	Turbidity	PCY	D.O.	LDO	Depth (M)	Site #	Secchi Depth (m)	Lake level'	OUTFLOW
MMDDYY	HHMMSS	øC	uS/cm	Units	NTU	cell/mL	mg/l	%Sat	meters				CFS
9/6/2012	10:07:59	26.72	355.40	8.52	9.40	15460.00	10.02	125.20	0.30	PE 2	0.78	888.29	25
9/6/2012	10:08:07	26.52	356.40	8.46	9.90	14884.00	10.16	126.50	1.00				
9/6/2012	10:08:14	26.46	357.10	8.43	10.20	15463.00	9.85	122.50	2.00				
9/6/2012	10:08:22	26.44	357.40	8.43	10.20	16006.00	9.42	117.10	3.00				
9/6/2012	10:08:38	26.40	358.00	8.43	10.70	16473.00	7.93	98.50	4.00				
9/6/2012	10:09:10	25.72	361.10	8.10	12.00	17687.00	7.71	94.70	5.00				
9/6/2012	10:09:18	24.97	363.00	7.78	12.90	21050.00	5.73	69.40	6.00				
9/6/2012	10:09:26	24.66	364.20	7.68	22.60	27282.00	3.55	42.70	7.00				
9/6/2012	10:09:35	24.63	364.20	7.61	24.70	32885.00	2.94	35.30	8.00				
9/6/2012	10:09:43	24.58	365.20	7.59	25.90	36802.00	2.39	28.70	9.00				
9/6/2012	10:09:52	24.51	365.60	7.56	28.10	41763.00	1.99	23.90	10.00				
9/6/2012	10:10:02	24.50	366.00	7.54	30.10	48012.00	1.65	19.80	11.00				
9/6/2012	10:10:10	24.43	367.10	7.51	30.90	50620.00	1.42	17.00	12.00				
9/6/2012	10:10:18	24.41	367.70	7.50	33.60	53219.00	1.10	13.20	13.00				
9/6/2012	8:39:02	26.95	337.40	8.30	20.80	30628.00	9.25	116.00	0.30	PE 3	0.56		
9/6/2012	8:39:18	26.74	339.80	8.24	20.60	29627.00	9.14	114.30	1.00				
9/6/2012	8:40:15	26.65	345.20	8.21	20.50	29518.00	9.16	114.30	2.00				
9/6/2012	8:40:26	25.63	359.80	8.06	11.00	22510.00	7.73	94.70	3.00				
9/6/2012	8:40:42	25.53	360.90	7.99	16.90	25046.00	6.40	78.30	4.00				
9/6/2012	8:40:48	25.37	361.50	7.85	31.90	30632.00	6.24	76.10	5.00				
9/6/2012	8:40:56	25.01	362.70	7.62	70.10	83848.00	3.80	46.00	6.00				
9/6/2012	8:41:04	24.87	363.40	7.52	84.50	106335.00	1.82	22.00	7.00				
9/6/2012	8:41:24	24.80	365.00	7.46	236.60	434088.00	0.52	6.30	8.00				
9/6/2012	9:17:09	27.40	393.90	7.74	81.90	97753.00	4.80	60.70	0.30	PE 6	0.25		
9/6/2012	9:17:49	25.75	490.70	7.48	264.10	257368.00	3.10	38.10	1.00				
9/6/2012	9:47:30	27.25	354.30	8.39	18.70	31900.00	8.28	104.40	0.30	PE 13	0.50		
9/6/2012	9:47:41	25.98	359.70	8.21	17.20	27483.00	7.68	94.70	1.00				
9/6/2012	9:47:48	25.88	360.90	8.12	16.60	24896.00	7.29	89.70	2.00				
9/6/2012	9:48:04	25.89	360.50	8.12	16.30	24057.00	6.75	83.20	3.00				
9/6/2012	9:48:13	25.77	361.90	8.02	16.60	26039.00	6.55	80.40	4.00				
9/6/2012	9:48:22	25.18	365.60	7.70	28.00	32330.00	4.16	50.60	5.00				
9/6/2012	9:48:30	25.10	366.20	7.64	31.50	39990.00	3.15	38.30	6.00				
9/6/2012	9:48:44	25.04	365.90	7.62	31.60	45038.00	2.59	31.40	7.00				
9/6/2012	9:49:06	24.96	367.20	7.57	70.80	101370.00	2.13	25.70	8.00				
9/6/2012	10:59:18	25.18	369.90	7.99	39.10	48050.00	8.26	100.40	0.30	PE 1