

Location	Site	Date	Time	Time	Temp	SpCond	TDS	DO%	DO Conc	DO Charge	Depth(ed)	Depth	pH	ORP	Turbidity+	PAR Surface	PAR Depth	Secchi	Zmax	Note	site#	PSC
		M/D/Y	hhmm	hh:mm:ss	C	uS/cm	g/L	%	mg/L		m	m		mV	NTU	umol/s/m2		m	m			
1PATTXN0009	3	3/20/2013	0955	9:55:56	11.54	149	0.097	102	11.1	53	3	3.052	8.01	136	489.8						1	1PATTXN0007
1PATTXN0009	3	3/20/2013	0955	9:56:27	11.58	149	0.097	101.4	11.03	53	2	2.013	8.01	139	476.6						2	1PATTXN0011
1PATTXN0009	3	3/20/2013	0955	9:56:57	11.62	149	0.097	103.3	11.22	53	1	1.04	8.04	139	470.9						3	1PATTXN0009
1PATTXN0009	3	3/20/2013	0955	9:57:14	11.62	149	0.097	103.6	11.26	53	0.5	0.533	8.04	140	469.7			0.34	3.3	Zooplankton tow 2 m.	4	1PATTXN0010
1PATTXN0009	3	3/20/2013	0955	9:57:35	11.64	149	0.097	104	11.29	53	0.1	0.099	8.06	140	469							
1PATTXN0011	2	3/20/2013	1025	10:37:52	10.94	148	0.096	104	11.48	52	7	7.036	8.13	256	22.2							
1PATTXN0011	2	3/20/2013	1025	10:38:25	10.97	148	0.096	104.8	11.55	52	6	6.01	8.17	252	21.6							
1PATTXN0011	2	3/20/2013	1025	10:38:46	10.99	148	0.096	105.1	11.58	52	5	5.078	8.12	254	20.6							
1PATTXN0011	2	3/20/2013	1025	10:39:04	10.99	148	0.096	105.5	11.64	52	4	4.026	8.15	252	20.5							
1PATTXN0011	2	3/20/2013	1025	10:39:24	11	148	0.096	105.8	11.67	52	3	2.98	8.14	252	20.5							
1PATTXN0011	2	3/20/2013	1025	10:39:45	11.02	148	0.096	106.5	11.73	52	2	2.016	8.17	250	19.9							
1PATTXN0011	2	3/20/2013	1025	10:40:02	11.15	148	0.096	107.3	11.79	53	1	1.031	8.2	249	20.3							
1PATTXN0011	2	3/20/2013	1025	10:40:28	11.19	148	0.096	108.5	11.91	53	0.5	0.477	8.26	247	20.5			0.7	7.8	Zooplankton tow 5 m.		
1PATTXN0011	2	3/20/2013	1025	10:40:45	11.21	148	0.096	109	11.95	53	0.1	0.126	8.28	246	20.1							
1PATTXN0007	1	3/20/2013	1055	11:18:18	10.32	148	0.096	74.8	8.38	48	11	11.136	7.75	256	27							
1PATTXN0007	1	3/20/2013	1055	11:19:02	10.36	148	0.096	76.5	8.56	49	10	10.038	7.65	256	24.6							
1PATTXN0007	1	3/20/2013	1055	11:19:49	10.42	148	0.096	81.9	9.15	49	9	9.051	7.63	253	22.5							
1PATTXN0007	1	3/20/2013	1055	11:20:30	10.57	148	0.096	89.4	9.95	50	8	8.107	7.63	249	19.8							
1PATTXN0007	1	3/20/2013	1055	11:21:03	10.73	148	0.096	93.7	10.4	51	7	6.967	7.65	245	19							
1PATTXN0007	1	3/20/2013	1055	11:21:41	10.75	148	0.096	98.9	10.97	51	6	6.053	7.75	240	18.6							
1PATTXN0007	1	3/20/2013	1055	11:22:10	10.77	148	0.096	100.9	11.18	52	5	5.049	7.81	239	17.5							
1PATTXN0007	1	3/20/2013	1055	11:22:37	10.78	148	0.096	101.7	11.27	51	4	3.954	7.85	238	18.2							
1PATTXN0007	1	3/20/2013	1055	11:23:11	10.79	148	0.096	102.2	11.32	51	3	3.012	7.91	236	18							
1PATTXN0007	1	3/20/2013	1055	11:23:40	10.84	148	0.096	103.5	11.45	51	2	2.062	7.94	235	17.7							
1PATTXN0007	1	3/20/2013	1055	11:24:21	11.01	148	0.096	105.7	11.65	52	1	1.011	8.03	233	17.6							
1PATTXN0007	1	3/20/2013	1055	11:24:55	11.1	148	0.096	106.5	11.71	51	0.5	0.547	8.1	230	18			0.89	12.1	Zooplankton tow 5 m.		
1PATTXN0007	1	3/20/2013	1055	11:25:38	11.21	148	0.096	107.1	11.75	52	0.1	0.125	8.14	229	17.3							
1PATTXN0010	4	4/23/2013	0750	7:50:46	14.34	225	0.146	56.2	5.75	43	0.5	0.352	7.4	22	101.6							
1PATTXN0011	2	4/23/2013	0900	8:54:58	14.89	152	0.099	88.3	8.92	47	7.5	7.553	7.67	215	19.3							
1PATTXN0011	2	4/23/2013	0900	8:55:22	14.89	153	0.099	89.3	9.02	47	7	7.012	7.65	215	19.4							
1PATTXN0011	2	4/23/2013	0900	8:56:08	14.91	152	0.099	92.1	9.3	47	6	6.014	7.66	212	17.5							
1PATTXN0011	2	4/23/2013	0900	8:56:48	14.93	152	0.099	93.1	9.4	48	5	5.05	7.64	210	17.5							
1PATTXN0011	2	4/23/2013	0900	8:57:43	15.14	152	0.099	94.7	9.51	48	4	4.027	7.65	208	19							
1PATTXN0011	2	4/23/2013	0900	8:58:06	15.15	152	0.099	95.6	9.61	49	3	3.018	7.68	205	18.7							
1PATTXN0011	2	4/23/2013	0900	8:59:03	15.15	152	0.099	96.8	9.73	49	2	2.083	7.66	203	18.8							
1PATTXN0011	2	4/23/2013	0900	8:59:46	15.15	152	0.099	96.6	9.71	49	1	0.998	7.66	202	18.9							
1PATTXN0011	2	4/23/2013	0900	9:00:03	15.15	152	0.099	96.9	9.73	49	0.5	0.56	7.65	202	18.4			0.89	8	Zooplankton tow 5 m.		
1PATTXN0011	2	4/23/2013	0900	9:00:21	15.15	152	0.099	97	9.74	49	0.1	0.115	7.64	202	18.8							
1PATTXN0009	3	4/23/2013	0930	9:26:05	16.11	154	0.1	97.8	9.62	48	0.1	0.146	8.05	249	19.9							
1PATTXN0009	3	4/23/2013	0930	9:26:47	16.1	154	0.1	98.8	9.72	49	0.5	0.541	8.03	246	19.8			0.71	3.1	Zooplankton tow 2 m.		
1PATTXN0009	3	4/23/2013	0930	9:27:17	16.11	154	0.1	98.9	9.74	49	1	1.021	8.01	245	19.8							
1PATTXN0009	3	4/23/2013	0930	9:27:51	16.11	154	0.1	99.1	9.76	49	2	2.011	7.99	244	19.4							
1PATTXN0009	3	4/23/2013	0930	9:28:18	16.05	154	0.1	98.3	9.69	49	3	3.017	7.91	245	21.4							
1PATTXN0007	1	4/23/2013	1010	10:04:25	13.53	155	0.101	55.1	5.73	43	11	11.008	7.22	265	18.3							
1PATTXN0007	1	4/23/2013	1010	10:05:27	14.02	153	0.1	63.1	6.5	44	10	10.074	7.24	257	19							
1PATTXN0007	1	4/23/2013	1010	10:06:13	14.38	152	0.099	74.2	7.58	45	9	9.063	7.3	250	16.8							
1PATTXN0007	1	4/23/2013	1010	10:06:46	14.44	152	0.099	77.8	7.94	46	8	8.047	7.32	246	16.6							
1PATTXN0007	1	4/23/2013	1010	10:07:22	15.22	152	0.098	92.5	9.28	48	7	7.077	7.64	234	14.9							
1PATTXN0007	1	4/23/2013	1010	10:08:03	15.42	151	0.098	101.8	10.17	49	6	6.041	7.88	224	15.1							
1PATTXN0007	1	4/23/2013	1010	10:08:36	15.44	151	0.098	103.8	10.36	49	5	5.048	7.89	225	15.5							
1PATTXN0007	1	4/23/2013	1010	10:09:20	15.45	151	0.098	104.5	10.43	49	4	4.078	7.94	223	15							
1PATTXN0007	1	4/23/2013	1010								3.5					183.9	0.5394					
1PATTXN0007	1	4/23/2013	1010	10:09:46	15.48	151	0.098	105	10.47	49	3	3.021	7.98	221	15.4	162	1.809					
1PATTXN0007	1	4/23/2013	1010								2.5					186.8	5.464					
1PATTXN0007	1	4/23/2013	1010	10:10:17	15.48	151	0.098	105.2	10.5	49	2	1.995	8.01	220	15.3	174.3	8.086					

Location	Site	Date	Time	Time	Temp	SpCond	TDS	DO%	DO Conc	DO Charge	Depth(ed)	Depth	pH	ORP	Turbidity+	PAR Surface	PAR Depth	Secchi	Zmax	Note	site#	PSC
		M/D/Y	hhmm	hh:mm:ss	C	uS/cm	g/L	%	mg/L		m	m		mV	NTU	umol/s/m2		m	m			
1PATTXN0007	1	4/23/2013	1010								1.5					154.3	17.95					
1PATTXN0007	1	4/23/2013	1010	10:10:44	15.48	151	0.098	105.4	10.51	49	1	1.033	8.02	219	15.3	115.3	19.23					
1PATTXN0007	1	4/23/2013	1010	10:10:58	15.48	151	0.098	105.4	10.52	49	0.5	0.524	8	220	15.2	135.6	56.89	1.24	12.1	Zooplankton tow 5 m.		
1PATTXN0007	1	4/23/2013	1010	10:11:09	15.48	151	0.098	105.5	10.53	49	0.1	0.18	7.99	220	15	139.2	120.3					
1PATTXN0009	3	5/21/2013	0835	8:29:08	20.56	160	0.104	81.6	7.33	50	2.5	2.514	7.87	101	25.5							
1PATTXN0009	3	5/21/2013	0835	8:29:29	20.59	160	0.104	81.9	7.36	50	2	2.002	7.82	104	24.3							
1PATTXN0009	3	5/21/2013	0835	8:29:57	20.66	160	0.104	85	7.62	51	1	1.003	7.82	103	23.7							
1PATTXN0009	3	5/21/2013	0835	8:30:06	20.66	160	0.104	85.5	7.67	51	0.5	0.504	7.8	104	23.8			0.79	3.2	Zooplankton tow 2 m.		
1PATTXN0009	3	5/21/2013	0835	8:30:40	20.66	160	0.104	85.8	7.7	51	0.1	0.107	7.76	105	24							
1PATTXN0011	2	5/21/2013	0900	8:58:33	18.87	157	0.102	77.8	7.23	49	8	8.067	7.55	75	19.3							
1PATTXN0011	2	5/21/2013	0900	8:59:50	19.45	156	0.102	89.4	8.21	51	7	7.12	7.65	78	15.5							
1PATTXN0011	2	5/21/2013	0900	9:00:57	19.59	156	0.101	93	8.52	52	6	6.071	7.72	81	14.1							
1PATTXN0011	2	5/21/2013	0900	9:01:39	19.65	156	0.101	94.1	8.61	52	5	4.998	7.74	83	14.1							
1PATTXN0011	2	5/21/2013	0900	9:02:11	19.73	156	0.101	95	8.68	52	4	4.052	7.77	83	13.8							
1PATTXN0011	2	5/21/2013	0900	9:02:43	19.85	156	0.101	96.1	8.76	52	3	3.009	7.8	84	14							
1PATTXN0011	2	5/21/2013	0900	9:03:23	19.95	156	0.101	97.3	8.85	52	2	2.024	7.86	83	13.6							
1PATTXN0011	2	5/21/2013	0900	9:04:04	20.01	156	0.101	98.2	8.93	52	1	1.008	7.87	85	13.4							
1PATTXN0011	2	5/21/2013	0900	9:04:35	20.03	156	0.101	98.7	8.96	53	0.5	0.532	7.88	86	13.2			1.3	8.4	Zooplankton tow 5 m.		
1PATTXN0011	2	5/21/2013	0900	9:05:10	20.03	156	0.101	98.9	8.98	53	0.1	0.113	7.9	86	13							
1PATTXN0007	1	5/21/2013	0935	9:30:40	14.23	164	0.106	5.1	0.52	41	12	12.072	7.13	153	26.2							
1PATTXN0007	1	5/21/2013	0935	9:31:29	14.49	161	0.105	9.2	0.93	41	11	11.021	7.1	149	23.3							
1PATTXN0007	1	5/21/2013	0935	9:32:13	14.68	160	0.104	13	1.32	42	10	9.976	7.06	147	22.9							
1PATTXN0007	1	5/21/2013	0935	9:32:59	14.8	161	0.104	13	1.31	42	9	9.076	7.06	146	22.6							
1PATTXN0007	1	5/21/2013	0935	9:33:47	15.54	160	0.104	17.8	1.78	42	8	8.044	7.08	142	20.9							
1PATTXN0007	1	5/21/2013	0935	9:35:01	16.79	157	0.102	37.3	3.62	45	7	6.938	7.11	136	18							
1PATTXN0007	1	5/21/2013	0935	9:35:46	17.54	156	0.101	49.8	4.76	46	6	6.07	7.23	128	17.1							
1PATTXN0007	1	5/21/2013	0935	9:36:57	18.64	156	0.101	68.8	6.43	49	5	5.025	7.34	122	15.4							
1PATTXN0007	1	5/21/2013	0935								4.5					173	0.4829					
1PATTXN0007	1	5/21/2013	0935	9:38:49	19.97	155	0.101	92.4	8.41	52	4	4.081	7.7	110	14	156.1	1.203					
1PATTXN0007	1	5/21/2013	0935								3.5					160.7	2.374					
1PATTXN0007	1	5/21/2013	0935	9:39:33	20.03	155	0.101	94.1	8.55	52	3	3.01	7.76	110	13.9	165.2	4.223					
1PATTXN0007	1	5/21/2013	0935								2.5					155.5	9.834					
1PATTXN0007	1	5/21/2013	0935	9:40:11	20.1	155	0.101	95.4	8.66	52	2	1.973	7.81	109	13.6	171	15.87					
1PATTXN0007	1	5/21/2013	0935								1.5					166.5	23.02					
1PATTXN0007	1	5/21/2013	0935	9:40:37	20.17	155	0.101	96.6	8.75	53	1	1.046	7.85	109	13.6	157.5	42.44					
1PATTXN0007	1	5/21/2013	0935	9:41:02	20.17	155	0.101	97.5	8.83	53	0.5	0.546	7.87	108	13.6	155.1	64.3	1.48	13.2	Zooplankton tow 5 m.		
1PATTXN0007	1	5/21/2013	0935	9:41:31	20.17	155	0.101	97.8	8.86	53	0.1	0.06	7.9	108	13.5	168.2	102.3					
1PATTXN0010	4	6/18/2013	0730	7:35:49	20.04	134	0.087	65.4	5.94	49	0.5	0.569	8.15	168	616.1							
1PATTXN0009	3	6/18/2013	0855	8:58:26	24.23	148	0.096	29.1	2.44	45	3.5	3.502	7.47	-7	56.1							
1PATTXN0009	3	6/18/2013	0855	8:59:21	25.02	145	0.095	59.5	4.91	48	3	2.999	7.54	14	34							
1PATTXN0009	3	6/18/2013	0855	9:00:07	25.52	144	0.094	85	6.96	52	2	2	7.73	16	19.1							
1PATTXN0009	3	6/18/2013	0855	9:01:04	25.53	144	0.094	91.1	7.45	53	1	0.997	7.91	25	13.9							
1PATTXN0009	3	6/18/2013	0855	9:01:59	25.54	144	0.094	91.6	7.49	53	0.5	0.498	7.98	32	12.8			1	4	Zooplankton tow 4 m.		
1PATTXN0009	3	6/18/2013	0855	9:02:36	25.52	144	0.094	91.5	7.49	53	0.1	0.102	7.98	36	13.3							
1PATTXN0011	2	6/18/2013	0935	9:26:53	19.75	154	0.1	5.6	0.51	41	8.5	8.506	7.21	-115	27.9							
1PATTXN0011	2	6/18/2013	0935	9:27:47	19.97	153	0.099	5.1	0.46	41	8	8.003	7.18	-100	22.3							
1PATTXN0011	2	6/18/2013	0935	9:29:01	22.21	145	0.094	20.7	1.8	43	7	7.002	7.26	-25	13.7							
1PATTXN0011	2	6/18/2013	0935	9:29:44	22.77	144	0.094	31.8	2.74	45	6	5.999	7.28	-3	11.8							
1PATTXN0011	2	6/18/2013	0935	9:30:26	24.09	144	0.093	55.7	4.68	48	5	5.001	7.36	9	11							
1PATTXN0011	2	6/18/2013	0935	9:31:07	25.19	143	0.093	85.6	7.05	51	4	4.002	7.65	10	9.3							
1PATTXN0011	2	6/18/2013	0935	9:31:58	25.23	143	0.093	93.5	7.69	52	3	2.999	7.91	19	9.2							
1PATTXN0011	2	6/18/2013	0935	9:32:44	25.25	143	0.093	94.8	7.8	53	2	2	8.03	26	9.5							
1PATTXN0011	2	6/18/2013	0935	9:33:36	25.27	143	0.093	95.5	7.85	53	1	1.001	8.1	32	9.4							
1PATTXN0011	2	6/18/2013	0935	9:34:12	25.27	143	0.093	95.9	7.88	53	0.5	0.501	8.13	35	9.2			1.67	8.95	Zooplankton tow 5 m.		
1PATTXN0011	2	6/18/2013	0935	9:34:47	25.26	143	0.093	96.2	7.91	52	0.1	0.103	8.13	39	9							

Location	Site	Date	Time	Time	Temp	SpCond	TDS	DO%	DO Conc	DO Charge	Depth(ed)	Depth	pH	ORP	Turbidity+	PAR Surface	PAR Depth	Secchi	Zmax	Note	site#	PSC	
		M/D/Y	hhmm	hh:mm:ss	C	uS/cm	g/L	%	mg/L		m	m		mV	NTU	umol/s/m2		m	m				
1PATTXN0011	2	8/20/2013	0955	9:56:18	24.68	164	0.107	74.5	6.19	70	6	6.022	8.18	9	17.3								
1PATTXN0011	2	8/20/2013	0955	9:58:03	24.72	164	0.107	80.6	6.69	70	5	5.044	8.38	20	17.1								
1PATTXN0011	2	8/20/2013	0955	9:58:59	24.73	164	0.107	81	6.72	71	4	4.057	8.38	27	16.9								
1PATTXN0011	2	8/20/2013	0955	10:00:24	24.73	164	0.107	81.1	6.73	71	3	3.031	8.39	33	17.3								
1PATTXN0011	2	8/20/2013	0955	10:01:59	24.74	164	0.107	80.9	6.71	70	2	2.015	8.36	40	16.8								
1PATTXN0011	2	8/20/2013	0955	10:03:35	24.8	164	0.106	87.2	7.23	70	1	0.994	8.5	42	16.6								
1PATTXN0011	2	8/20/2013	0955	10:04:14	24.85	164	0.106	90	7.46	72	0.5	0.542	8.53	43	17.1			0.5	8	Zooplankton tow 5 m.			
1PATTXN0011	2	8/20/2013	0955	10:04:42	24.96	164	0.106	91.9	7.6	72	0.1	0.105	8.52	46	16.8								
1PATTXN0007	1	8/20/2013	1055								0.5							0.55	13	Zooplankton tow 5 m. No profile data, YSI malfunction, no PAR data.			
1PATTXN0010	4	9/17/2013	0710	7:07:53	25.14	307	0.199	55.8	4.6	46	0.5	0.239	7.59	152	31.8								
1PATTXN0009	3	9/17/2013	0800	7:49:17	27.59	169	0.11	99.5	7.84	51	2.5	2.313	8.89	100	27.2								
1PATTXN0009	3	9/17/2013	0800	7:50:07	27.6	169	0.11	102.7	8.1	52	2	2.083	8.92	98	26								
1PATTXN0009	3	9/17/2013	0800	7:50:58	27.6	169	0.11	103.4	8.15	52	1	1.023	8.93	97	24.2								
1PATTXN0009	3	9/17/2013	0800	7:51:30	27.59	169	0.11	103.8	8.18	53	0.5	0.492	8.92	97	24.2			0.45	2.6	Zooplankton tow 2 m.			
1PATTXN0009	3	9/17/2013	0800	7:52:05	27.58	169	0.11	104	8.2	53	0.1	0.116	8.9	98	24.4								
1PATTXN0011	2	9/17/2013	0820	8:13:07	27.2	169	0.11	85.4	6.78	50	7.5	7.421	8.33	-20	16.2								
1PATTXN0011	2	9/17/2013	0820	8:13:43	27.23	168	0.109	86.2	6.84	50	7	6.918	8.33	-11	14.4								
1PATTXN0011	2	9/17/2013	0820	8:14:45	27.24	168	0.109	86	6.83	50	6	6.02	8.32	-4	14.4								
1PATTXN0011	2	9/17/2013	0820	8:15:59	27.24	168	0.109	85.9	6.81	50	5	5.008	8.23	2	14.4								
1PATTXN0011	2	9/17/2013	0820	8:16:56	27.25	168	0.109	85.8	6.8	51	4	4.012	8.26	3	15								
1PATTXN0011	2	9/17/2013	0820	8:17:36	27.24	168	0.109	85.8	6.81	51	3	3.011	8.21	7	14.3								
1PATTXN0011	2	9/17/2013	0820	8:18:27	27.24	168	0.109	85.9	6.82	51	2	1.985	8.24	8	14.4								
1PATTXN0011	2	9/17/2013	0820	8:19:36	27.24	168	0.109	85.8	6.8	51	1	1.049	8.24	10	14.3								
1PATTXN0011	2	9/17/2013	0820	8:20:28	27.23	168	0.109	86.2	6.84	52	0.5	0.595	8.24	12	14.1			0.72	7.5	Zooplankton tow 5 m.			
1PATTXN0011	2	9/17/2013	0820	8:21:12	27.23	168	0.109	86.6	6.87	52	0.1	0.176	8.18	18	14.2								
1PATTXN0007	1	9/17/2013	1000	9:56:03	20.91	253	0.165	4.2	0.38	37	12	12.047	6.88	-183	14.5								
1PATTXN0007	1	9/17/2013	1000	9:56:43	21.65	239	0.156	3.1	0.27	38	11	11.003	6.89	-191	12.7								
1PATTXN0007	1	9/17/2013	1000	9:57:07	22.56	231	0.15	2.6	0.23	38	10	10.007	6.89	-196	12.7								
1PATTXN0007	1	9/17/2013	1000	9:57:24	23.89	220	0.143	2.6	0.22	39	9	9.146	6.94	-199	12.9								
1PATTXN0007	1	9/17/2013	1000	9:59:22	26.32	171	0.111	41.9	3.38	45	8	7.998	7.36	-66	13.5								
1PATTXN0007	1	9/17/2013	1000	10:00:23	26.49	170	0.11	47.2	3.8	46	7	7	7.38	-39	12.9								
1PATTXN0007	1	9/17/2013	1000	10:01:02	26.5	170	0.11	48.1	3.86	46	6	6.021	7.42	-29	13.4								
1PATTXN0007	1	9/17/2013	1000	10:01:29	26.51	170	0.11	48.2	3.87	45	5	5.061	7.41	-19	12								
1PATTXN0007	1	9/17/2013	1000	10:03:06	26.52	170	0.11	47.6	3.82	47	4	4.02	7.4	-3	13.1								
1PATTXN0007	1	9/17/2013	1000	10:03:30	26.53	170	0.11	47.3	3.8	46	3	2.987	7.39	1	11.6	596.2	1.312						
1PATTXN0007	1	9/17/2013	1000								2.5					543.2	2.935						
1PATTXN0007	1	9/17/2013	1000	10:05:03	26.55	170	0.11	47.2	3.79	47	2	2.095	7.38	6	12	545.6	7.651						
1PATTXN0007	1	9/17/2013	1000								1.5					585.6	14.16						
1PATTXN0007	1	9/17/2013	1000	10:05:54	26.57	170	0.11	48.9	3.92	47	1	1.017	7.37	11	12.2	566.4	77.26						
1PATTXN0007	1	9/17/2013	1000	10:06:35	26.61	170	0.11	50.8	4.07	47	0.5	0.515	7.38	13	12.6	766.5	266	0.85	12.9	Zooplankton tow 5 m.			
1PATTXN0007	1	9/17/2013	1000	10:07:18	26.62	170	0.11	51	4.09	47	0.1	0.105	7.37	16	12	380.1	324.5						