ST012 Field Parameter Summary Table

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (deg F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
CZ20	04/03/18	GW	LF	G	150	84.32	7.14	5178	10.1	4.12	-147	DO-ORP disparity[1]
CZ-23	12/20/2016	GW	LF	G	150.98	76.96	6.3	4141	6.29	5.86	36.9	
	01/25/2017	GW	LF	G	150.83	71.84	6.18	4194	13.5	7.05	152.8	
	03/14/2017	GW	LF	G	150.49	83.71	6.62	5286	30.5	9.68	-142.8	DO-ORP disparity[1] DO > Solubility[2]
	04/19/2017	GW	LF	G	150	86.02	6.5	4833	45.5	0.94	34.6	
	06/06/2017	GW	LF	G	149.96	97.87	6.98	5448	3.16	0.19	-123.4	
	07/26/2017	GW	LF	G	144.9	94.48	6.62	2507	3.87	1.23	-147.1	
	12/14/2017	GW	LF	G	149.66	75.19	6.72	3946	1.43	4.81	-135.7	DO-ORP disparity[1]
	04/10/2018	GW	LF	G	150	78.91	5.82	3624	6.63	6.16	-54.3	DO-ORP disparity[1]
	08/01/2018	GW	LF	G	150	89.94	6.64	3864	2.22	3.99	-118.4	DO-ORP disparity[1]
	11/08/2018	GW	LF	G	149.76	77.6	6.84	3010	13.1	3.25	-130.8	DO-ORP disparity[1]
CZ-24	12/19/2016	GW	LF	G	152.22	66.2	6.56	5050	8.7	3.09	59.4	
	03/16/2017	GW	LF	G	150	77.63	6.71	5068	6.36	12.46	181.5	DO > Solubility[2]
	04/20/2017	GW	LF	G	151.32	100.49	6.43	5292	6.27	1.65	89.2	~25 degree temp increase
	06/06/2017	GW	LF	G	151.3	95.74	7.11	4420	10.7	1.9	191	
	07/25/2017	GW	LF	G	151.11	85.58	6.86	1930	13.6	1.94	102.4	
	12/11/2017	GW	LF	G	150.78	72.97	5.84	3728	9.29	2.99	-139	
	05/10/2018	GW	LF	G	150	85.09	5.17	2520	37	4.43	200.1	
	07/31/2018	GW	LF	G	150	99.47	6.95	5061	17.1	3.38	48.7	
	03/08/2019	GW	LF	G	146.73	70.06	6.75	5503	5.06	5.26	191.9	
CZ-25	12/20/2016	GW	LF	G	150	77.01	6.43	4913	1.33	5.62	136	
	03/15/2017	GW	LF	G	150	77.42	6.67	5629	6.79	13.4	172.8	DO > Solubility[2]
	04/18/2018	GW	LF	G	145	81.9	6.75	2056	42.9	4.21	107.3	
	03/08/2019	GW	LF	G	146.73	71.88	6.78	3609	6.35	5.13	127.3	Well was resampled due to power outage at lab.
	03/25/2019	GW	LF	G	146.73	70.06	6.75	5503	5.06	5.26	191.9	Metals still tested on 3/8/19.
UWBZ24	03/19/2019	GW	LF	G	180	89.09	6.44	2159	2.76	0.43	-33.4	
UWBZ34	04/03/2018	GW	LF	G	175	81.45	6.82	1961	8.445	4.62	-213.1	DO-ORP disparity[1]
UWBZ36	04/25/2018	GW	LF	G	180	91.26	5.57	4147	4.61	3.82	-96.4	DO-ORP disparity[1]
UWBZ38	12/19/2016	GW	LF	G	185	66.53	6.44	6920	6.39	4.42	56.3	
	03/16/2017	GW	LF	G	185	86.65	6.76	8653	5.49	8.16	-133.8	DO-ORP disparity[1]
	04/20/2017	GW	LF	G	185	91.47	6.71	8396	1.53	0.87	81	
	06/06/2017	GW	LF	G	185	90.77	6.33	7332	2.07	0.35	163.4	
	07/25/2017	GW	LF	G	185	88.77	6.55	3610	2.08	0.86	83.2	
	12/11/2017	GW	LF	G	185	77.8	6.09	6776	9.21	0.56	-262.4	
	04/11/2018	GW	LF	G	185	76.84	6.09	3952	3.12	6.66	233.3	
	08/01/2018	GW	LF	G	185	104.82	6.53	5474	3.86	0.12	-87.5	
	03/11/2019	GW	LF	G	185	71.74	6.09	2500	0.31	6.33	107	DO corrected to 6.33 sample
UWBZ39	12/21/2016	GW	LF	G	185	71.45	6.53	1272	20	7.06	127.8	
	03/15/2017	GW	LF	G	185	89.57	6.63	1594	11.1	8.65	53.4	
	05/03/2018	GW	LF	G	185	73.88	6.49	1728	9.76	5.99	66.5	
	03/08/2019	GW	LF	G	185	73.46	5.81	1741	8.06	1.11	178.1	Well was resampled due to power outage at lab.
	03/25/2019	GW	LF	G	185	72.65	6.98	3012	3.02	1.17	188.7	Metals still tested on 3/8/19.
UWBZ40	12/23/2016	GW	LF	G	185	72.63	6.29	6786	14.9	7.14	76	
	02/06/2017	GW	LF	G	185	63.71	6.57	7516	44.2	0.22	53.4	
	03/09/2017	GW	LF	G	185	87.6	6.43	15938	4.97	6	69.5	Conductivity reading may be incorrect due to possible sensor problems (not noted on other wells)
	06/09/2017	GW	LF	G	185	87.51	6.54	9448	6.55	0.77	196.9	
	07/25/2017	GW	LF	G	185	103.04	5.34	7490	8.2	0.85	127.6	sample depth on COC is 175'
	08/09/2018	GW	LF	G	185	85.2	6.35	6879	14.3	4.68	-106.9	DO-ORP disparity[1]
LSZ18	11/24/2018	GW	LF	G	215	89.74	6.48	2516	0.84	3.26	-172.3	
LSZ29	04/10/2018	GW	LF	G	225	102.3	6.37	6229	4.21	2.68	-21.6	
LSZ44	04/25/2017	GW	LF	G	220	84.73	6.66	1637	4.17	1.04	-153.2	
	07/26/2017	GW	LF	G	220	87.09	6.53	793	10.5	1.21	-155.2	
	12/14/2017	GW	LF	G	210	82.89	6.98	1987	7.92	3.52	-196.7	DO-ORP disparity[1]
	11/08/2018	GW	LF	G	220	86.3	7.34	1311	12.1	7.29	-179.5	
LSZ45	12/12/2017	GW	LF	G	215	81.36	6.49	2294	5.79	0.24	-183.9	
	05/02/2018	GW	LF	G	215	74.9	6.41	2046	NA	6.31	-50.4	DO-ORP disparity[1]
LSZ46	12/12/2017	GW	LF	G	215	77.39	6.9	1054	6.87	0.24	-272.6	
	05/03/2018	GW	LF	G	215	81.55	6.79	897	3.17	4.43	-181.2	DO-ORP disparity[1]

ST012 Field Parameter Summary Table

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (deg F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
LSZ49	12/15/2017	GW	LF	G	220	77.35	6.58	2628	5.76	5.29	-241.7	DO-ORP disparity[1]
	05/01/2018	GW	LF	G	220	77.47	6.16	3006	11.3	5.68	-79.1	DO-ORP disparity[1]
LSZ50	12/02/2016	GW	LF	G	220	79.4	6.7	2036	72.7	4.16	-92.6	DO-ORP disparity[1]
	01/26/2017	GW	LF	G	220	76.43	6.32	1869	9.18	4.98	80.6	
	03/07/2017	GW	LF	G	220	77.27	6.63	2136	11.2	3.78	-129.9	DO-ORP disparity[1]
	12/11/2017	GW	LF	G	220	81.05	6.58	2259	13.1	3.3	-54.3	DO-ORP disparity[1]
LSZ52	11/22/2016	GW	LF	G	220	78.29	6.8	2702	6.79	2.58	205.6	
	01/25/2017	GW	LF	G	220	72.47	6.62	2509	3.93	6.89	155.6	
	03/14/2017	GW	LF	G	220	83.19	6.49	2401	6.36	8.4	79.4	
	04/21/2017	GW	LF	G	220	79.89	6.79	2005	4.93	1.22	153.5	
	06/06/2017	GW	LF	G	220	83.85	6.34	2091	9.62	0.68	214.4	
	07/28/2017	GW	LF	G	220	83.67	7.18	982	10.3	1.72	54.7	
	12/12/2017	GW	LF	G	220	77.17	7.11	2324	3.9	0.2	-117.4	
	04/02/2018	GW	LF	G	220	78.08	6.82	2067	3.39	6.82	93.6	
	08/08/2018	GW	LF	G	220	86.71	6.35	547	6.9	4.55	-126.7	DO-ORP disparity[1]
	03/13/2019	GW	LF	G	220	75.4	6.9	200001	1.42	0.08	100	YSI issues with conductivity
LSZ53	12/22/2016	GW	LF	G	215	75.57	6.53	3642	22.3	6.38	59.9	
	03/10/2017	GW	LF	G	220	80.23	6.72	4837	8.75	8.54	-137.9	DO-ORP disparity[1]
	04/17/2017	GW	LF	G	220	81.6	6.55	4368	4.68	1.08	-125.1	
	06/07/2017	GW	LF	G	220	84.86	6.62	3691	36.8	0.34	-112.7	
	07/27/2017	GW	LF	G	220	84.55	6.43	1843	12.1	1.42	-130	
	05/11/2018	GW	LF	G	215	77.69	5.28	2004	6.17	5.86	-101	DO-ORP disparity[1]
	08/09/2018	GW	LF	G	215	79.23	6.51	2524	7.8	5.93	-53.1	DO-ORP disparity[1]
	03/25/2019	GW	LF	G	215	72.42	5.59	4260	9.06	0.76	211.1	DO-ORP disparity[1]
LSZ54	12/20/2016	GW	LF	G	215	78.49	6.69	3655	3.01	5.31	136.6	
	03/13/2017	GW	LF	G	215	86.65	6.85	4204	7.88	9.92	57.6	YSI issues with DO
	04/19/2017	GW	LF	G	215	88.73	6.85	3490	1.09	1.38	277.3	
	06/08/2017	GW	LF	G	215	82.64	7.01	2642	5.15	1.8	203.3	
	07/24/2017	GW	LF	G	215	74.01	6.57	2889	1.31	0.24	274.3	
	12/14/2017	GW	LF	G	215	78.54	6.99	3469	1.55	4.16	24.5	
	05/03/2018	GW	LF	G	215	80.85	5.84	2943	7.42	4.57	117.2	
	08/08/2018	GW	LF	G	215	86.1	6.49	2416	10.9	4.65	-103.1	DO-ORP disparity[1]
	11/08/2018	GW	LF	G	215	81.56	7.01	2099	1.02	5.26	42.3	
LSZ55	12/19/2016	GW	LF	G	215	79.52	6.62	3511	14.48	77.29	-41.4	YSI issues with DO
	03/14/2017	GW	LF	G	215	77.98	6.83	2832	42.8	8.69	-268.2	DO-ORP disparity[1]
	04/20/2017	GW	LF	G	215	84.24	6.13	2608	14.7	1.32	-96	
	06/06/2017	GW	LF	G	215	86.91	6.55	2616	33.1	0.24	-118.4	
	07/24/2017	GW	LF	G	215	82.31	6.41	2418	13.2	6.45	-119.8	DO-ORP disparity[1]
	12/15/2017	GW	LF	G	215	75.42	5.07	2241	22	5.70	-68.9	DO-ORP disparity[1]
	04/02/2018	GW	LF	G	215	77.4	5.68	2646	14.9	7.00	-62.2	DO-ORP disparity[1]
	08/01/2018	GW	LF	G	215	84.76	6.67	2631	8.83	4.80	-101.9	DO-ORP disparity[1]
	11/09/2018	GW	LF	G	215	78.99	7	1967	1	5.78	196.7	
	03/11/2019	GW	LF	G	215	72.63	6.99	1782	39.9	5.81	-89	DO-ORP disparity[1]
LSZ56	12/21/2016	GW	LF	G	215	78	6.63	4266	7.99	5.39	108.9	
	03/09/2017	GW	LF	G	220	79.38	6.6	4508	6.36	6.48	36.5	
	07/28/2017	GW	LF	G	220	86.01	5.92	1773	7.41	1.55	77.2	
	04/03/2018	GW	LF	G	220	77.42	5.99	4008	4.8	5.36	120.6	
	03/12/2019	GW	LF	G	215	76.31	5.94	2336	7.48	0.84	106.8	DO-ORP disparity
LSZ57	12/23/2016	GW	LF	G	215	77.04	6.57	3473	6.88	6.08	82	
	03/13/2017	GW	LF	G	215	80.22	6.93	4784	6.71	7.19	1.5	
	07/19/2017	GW	LF	G	215	84.14	6.54	2413	7.36	1.32	21.3	
	05/10/2018	GW	LF	G	215	83.27	6.3	2880	7.15	4.73	-77.5	DO-ORP disparity[1]
	03/15/2019	GW	LF	G	215	71.72	5.97	3573	5.57	1.56	236.4	DO-ORP disparity[1]
LSZ58	12/22/2016	GW	LF	G	215	76.75	6.77	1249	8.09	6.17	114.2	
LSZ59	12/23/2016	GW	LF	G	215	76.79	6.42	3011	14.8	6.12	83.4	
	03/09/2017	GW	LF	G	215	79.27	6.83	4465	5.76	6.74	53.4	
	07/25/2017	GW	LF	G	215	81.83	6.53	1778	6.29	1.09	-152.4	COC sampling depth is 220'
	05/10/2018	GW	LF	G	215	84.26	4.93	2334	13.8	4.58	-40.3	
	03/22/2019	GW	LF	G	215	71.01	6.62	1475	18.2	4.41	117.4	

ST012 Field Parameter Summary Table

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (deg F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
LSZ60	12/21/2016	GW	LF	G	215	78.45	6.99	919	6.13	5.39	67	
	03/15/2017	GW	LF	G	215	79.62	6.85	769	6.83	9.02	-237.5	DO-ORP disparity[1] DO > Solubility[2]
	08/10/2018	GW	LF	G	215	77.59	7.29	598	7.1	5.82	-32	DO-ORP disparity[1]
C01	11/07/2017	GW	LF	G	143.05	77.57	5.37	5614	2.58	6.27	191.8	
	11/06/2018	GW	LF	G	142.61	74.84	6.21	4296	1.27	2.54	164	
CO2	10/25/2016	GW	LF	G	154.9	79.2	6.63	3450	1.09	6.46	237	
	11/28/2016	GW	LF	G	154.53	74.67	6.42	4145	2.4	5.75	117.3	
	03/01/2017	GW	LF	G	154.27	74	6.92	3397	3.47	2.98	118.3	
	04/18/2017	GW	LF	G	154	82.45	6.45	4201	0.73	1.27	175.1	
	06/05/2017	GW	LF	G	153.6	85.21	6.73	4553	3.24	1.18	157.9	
	07/18/2017	GW	LF	G	153.5	91.45	6.4	750	2.19	4.4	152.8	
	11/03/2017	GW	LF	G	153.22	81.58	6.88	3181	5.49	5	50.4	
	07/26/2018	GW	LF	G	153.22	86.47	5.34	4828	2.03	60.1	199.4	YSI issue with DO
	10/30/2018	GW	LF	G	153.08	82.46	4.82	3805	2.07	1.16	216.2	
	02/25/2019	GW	LF	G	153.5	73.78	6.7	4617	0.72	0.37	96.1	
CO3	11/07/2017	GW	LF	G	147.03	81.9	6.78	2391	0.59	5.38	93.3	
	11/06/2018	GW	LF	G	146.65	76.37	6.85	3711	1.03	3.31	-128.8	DO-ORP disparity[1]
CO4	11/07/2017	GW	LF	G	148.94	79.52	6.99	1323	0.58	5.89	127.9	
	11/09/2018	GW	LF	G	148.71	73.14	7.06	800	4.52	6.03	-97.6	DO-ORP disparity[1]
CO5	11/14/2017	GW	LF	G	152.95	80.23	6.71	3544	0.83	4.87	126.9	
	11/07/2018	GW	LF	G	152.24	71.37	6.8	3973	0.56	6.28	-76.7	DO-ORP disparity[1]
RB-3A	10/31/2016	GW	LF	G	165	82.17	NR	6591	6.4	3.14	24.9	YSI issue with pH sensor
	11/21/2016	GW	LF	G	165	78.66	5.6	5344	8.7	3.77	110.8	
	01/26/2017	GW	LF	G	165	73.81	6.38	5780	7.5	113.45	244.4	YSI issues with DO and pH
	03/03/2017	GW	LF	G	165	77.03	6.7	6030	9.7	5.57	171	
	07/28/2017	GW	LF	G	165	82.4	6.66	2329	10.9	4.52	224.1	
	11/06/2017	GW	LF	G	165	80.1	6.51	4947	3.5	4.81	132.3	
	07/27/2018	GW	LF	G	165	81.77	6.15	5225	4.79	5.31	97.4	
	11/05/2018	GW	LF	G	165	71.42	6.53	4759	4.1	5.37	-36.6	DO-ORP disparity[1]
	02/19/2019	GW	LF	G	165	76.97	6.7	6850	1.54	4.53	101.9	
U02	10/25/2016	GW	LF	G	165	79.77	7.97	2499	10.1	5.98	207.3	
	11/28/2016	GW	LF	G	165	75.93	6.24	5342	2.97	5.41	-44.8	DO-ORP disparity[1]
	01/24/2017	GW	LF	G	165	75.61	5.54	5994	2.07	4.25	24.1	
	03/01/2017	GW	LF	G	165	77.98	6.37	5286	2.87	0.74	-181.1	
	04/18/2017	GW	LF	G	165	83.49	6.24	5131	4.03	0.53	-155.2	
	06/05/2017	GW	LF	G	165	85	6.04	6237	3.14	2.76	-196.5	DO-ORP disparity[1]
	07/18/2017	GW	LF	G	165	84.94	5.65	3009	6.52	0.89	-144	
	11/03/2017	GW	LF	G	165	82.36	6.38	5848	7.9	4.83	-149.6	DO-ORP disparity[1]
	07/27/2018	GW	LF	G	165	82.5	6.32	5008	5.58	66.9	148.7	YSI issue with DO
	10/31/2018	GW	LF	G	165	80.43	5.33	4550	7.05	1.74	-130.2	
	02/25/2019	GW	LF	G	165	78.79	6.51	4883	3.4	0.19	-214.3	
U11	10/27/2016	GW	LF	G		83.04	6.01	3048	12.1	2.78	151.2	
	12/01/2016	GW	LF	G	165	79.91	6.7	3465	9.62	4.09	109.5	
	01/27/2017	GW	LF	G	165	72.71	6.48	3074	5.11	NR	280.5	YSI issue with DO%
	03/02/2017	GW	LF	G	165	77.84	6.82	3561	3.62	2.26	140.1	
	11/10/2017	GW	LF	G	165	79.63	6.82	3207	3.27	4.27	122.8	
	08/09/2018	GW	LF	G	165	82.4	6.53	2472	8.2	5.25	-73.3	DO-ORP disparity[1]
	11/07/2018	GW	LF	G	165	81.01	5.5	1739	1.32	4.46	101.6	
	03/19/2019	GW	LF	G	165	71.05	6.67	1823	1.78	4.05	148.3	
U12	10/27/2016	GW	LF	G	165	82.77	6.01	4651	1.39	2.72	107.5	
	11/30/2016	GW	LF	G	165	77.67	6.64	4956	0.89	4.49	149.6	
	01/31/2017	GW	LF	G	165	76.34	6.29	4263	1.77		215.9	
	02/28/2017	GW	LF	G	165	77.75	6.83	4947	0.53	1.58	119.5	
	11/06/2017	GW	LF	G	165	80.82	6.55	4379	2.55	4.69	115.8	
	08/08/2018	GW	LF	G	165	78.81	6.67	3181	6	5.71	10.1	
	11/02/2018	GW	LF	G	165	79.33	6.39	5272	1.37	2.56	213.9	DO-ORP disparity[1]
	02/20/2019	GW	LF	G	165	76.73	6.41	5634	1.18	0.23	85.4	

ST012 Field Parameter Summary Table

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (deg F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
U37	11/01/2016	GW	LF	G	164	80.47	6.66	5221	7.8	2.45	128.5	
	12/05/2016	GW	LF	G	164	77.9	6.69	5293	1.98	5.58	217	not sampled in Jan 17
	03/08/2017	GW	LF	G	164	77.82	6.65	6228	3.26	10.26	54.2	DO > Solubility[2]
	07/21/2017	GW	LF	G	164	84.76	6.1	3011	0.79	2.65	2	
	11/09/2017	GW	LF	G	164	80.86	6.68	5292	1.33	5.36	-27.4	DO-ORP disparity[1]
	07/31/2018	GW	LF	G	164	79.08	6.75	4361	3.06	7.07	19.6	
	11/12/2018	GW	LF	G	164	72.27	6.77	2894	1.81	0.51	-90.8	
U38	10/26/2016	GW	LF	G	165	80.8	6.8	6189	2.01	3.06	209.2	
	11/29/2016	GW	LF	G	165	77.86	6.58	6770	1.12	5.16	230.5	
	02/06/2017	GW	LF	G	165	76.24	6.65	4176	2.09	0.48	93.6	
	03/02/2017	GW	LF	G	165	80.19	6.69	5811	3.26	1.05	66.2	
	07/19/2017	GW	LF	G	165	82.19	5.79	2527	1.52	0.91	243	
	11/08/2017	GW	LF	G	165	81.08	6.64	4217	2.18	4.11	156.3	
	08/01/2018	GW	LF	G	165	104.82	6.53	5474	3.86	0.12	-87.5	
W11	10/28/2016	GW	LF	G	213	81.62	5.71	4515	4.58	2.48	-47.3	DO-ORP disparity[1]
	12/06/2016	GW	LF	G	213	74.01	6.23	4126	4.62	5.67	-82.6	DO-ORP disparity[1]
	01/27/2017	GW	LF	G	213	68.17	6.18	4430	7.61	NR	36.3	YSI issues with DO
	03/07/2017	GW	LF	G	213	76.5	6.6	4915	5.03	3.47	-303.9	DO-ORP disparity[1]
	11/10/2017	GW	LF	G	213	79.92	6.35	3642	3.18	5.12	-192.7	DO-ORP disparity[1]
	02/13/2019	GW	LF	G	213	72.8	6.48	5153	4.27	165.43	-293.4	YSI issue with DO
W12	10/27/2016	GW	LF	G	214	83.12	6.05	3582	3.34	4.09	172.6	
	11/30/2016	GW	LF	G	214	77.21	6.67	3936	1.44	4.58	-9.4	
	01/31/2017	GW	LF	G	214	75.95	6.43	3258	3.71		215.1	
	02/28/2017	GW	LF	G	214	76.66	6.88	3831	0.56	0.51	65.5	
	11/06/2017	GW	LF	G	214	82.01	6.64	3565	2.92	4.5	82.7	
	08/08/2018	GW	LF	G	214	84.29	6.82	2509	6.2	4.81	89.7	
	11/02/2018	GW	LF	G	214	79.65	7.24	3510	0.97	3.96	551.2	
	02/11/2019	GW	LF	G	214	66.78	6.81	3769	1.91	2.62	351.2	DO-ORP disparity[1]
W24	10/31/2016	GW	LF	G	216	83.46	NR	2415	5.9	0.71	5	YSI issues with pH sensor
	11/21/2016	GW	LF	G	216	79.13	6.59	2025	6.33	0.69	173.4	
	01/26/2017	GW	LF	G	216	73.94	6.42	2555	5.86	112.71	252.6	YSI issues with DO
	03/03/2017	GW	LF	G	216	77.39	6.99	2886	8.1	2.38	63.3	
	04/18/2017	GW	LF	G	216	80.35	6.95	2734	0.53	1.15	189.8	
	06/08/2017	GW	LF	G	216	85.63	6.18	2173	3.17	0.71	154.2	
	07/28/2017	GW	LF	G	216	83.43	7.11	1188	6.15	0.64	115.9	
	11/06/2017	GW	LF	G	216	79.37	6.78	2475	1.69	4.99	172.3	
	07/27/2018	GW	LF	G	216	80.52	6.43	2704	1.11	70.7	206.2	YSI issue with DO
	11/05/2018	GW	LF	G	216	75.17	6.85	1980	1.87	3.99	122.8	
	02/20/2019	GW	LF	G	216	70.77	6.12	2376	0.41	0.64	124.6	
W29	11/14/2017	GW	LF	G	215	78.31	6.35	1413	43.9	4.44	187.1	
	11/07/2018	GW	LF	G	215	74.44	6.76	1415	14.7	5.97	-122.6	DO-ORP disparity[1]
W30	10/28/2016	GW	LF	G	216	84.08	5.55	2197	5.15	3.37	-19.1	
	12/02/2016	GW	LF	G	216	79.1	6.38	2427	3.53	4.24	-208.7	DO-ORP disparity[1]
	01/24/2017	GW	LF	G	216	78.1	5.6	2744	5.78	3.93	50.2	
	03/06/2017	GW	LF	G	216	77.78	6.44	2458	3.97	2.98	-270.9	DO-ORP disparity[1]
	07/19/2017	GW	LF	G	216	87.16	6.18	1349	5.22	2.5	-169.9	
	11/09/2017	GW	LF	G	216	83.97	6.24	2412	4.17	4.81	-180.4	DO-ORP disparity[1]
W34	10/25/2016	GW	LF	G	214	82.68	7.15	3283	6.87	3.19	238.2	
	11/28/2016	GW	LF	G	214	79.1	6.93	4378	4.02	4.81	82.3	
	01/24/2017	GW	LF	G	214	75.33	6.58	5138	2.08	4.31	212.2	
	03/01/2017	GW	LF	G	214	78.96	7.15	4616	10.2	0.7	94.8	
	04/19/2017	GW	LF	G	214	80.87	6.87	4053	3.62	0.68	229.4	
	06/05/2017	GW	LF	G	214	85.28	6.59	5103	6.88	3.11	94.8	
	07/18/2017	GW	LF	G	214	84.61	6.47	2390	3.82	0.63	-10.5	
	11/03/2017	GW	LF	G	214	80.74	6.7	3948	15.2	5.16	199.2	
	07/26/2018	GW	LF	G	214	86.96	4.94	5247	5.12	4.42	212.3	
	10/31/2018	GW	LF	G	214	84.03	4.11	5129	3.89	0.73	181.4	DO-ORP disparity[1]
	02/25/2019	GW	LF	G	214	77.2	4.95	5124	4.72	0.41	199.9	DO-ORP disparity[1]

ST012 Field Parameter Summary Table

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (deg F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
W35	11/09/2017	GW	LF	G	210	81.88	6.53	1174	1.13	5.2	44.4	
W36	11/01/2016	GW	LF	G	215	99.62	6.58	4172	4.87	0.97	-106.2	
	11/30/2016	GW	LF	G	215	100.26	6.5	4899	4.23	1.99	-221.3	
	01/24/2017	GW	LF	G	215	101.05	6.08	5258	2.07	1.73	-65.3	
	03/06/2017	GW	LF	G	215	98.73	6.57	4434	2.97	2.53	-285.1	DO-ORP disparity[1]
	04/17/2017	GW	LF	G	215	105.56	6.46	4399	1.87	0.27	-213.4	
	06/07/2017	GW	LF	G	215	108.21	6.94	3607	2.86	0.22	-219.5	
	07/27/2017	GW	LF	G	215	109.52	6.78	1848	4.8	0.95	-219.4	
	11/09/2017	GW	LF	G	215	107.09	6.55	3855	4.01	2.15	-183.2	
	03/14/2019	GW	LF	G	215	98.9	6.42	2754	1.8	0.14	-205.3	
W37	11/02/2016	GW	LF	G	214	78.7	5.84	1919	5.27	0.61	-63.3	
	12/06/2016	GW	LF	G	214	76.15	5.88	1882	2.2	4.31	19.3	
	02/06/2017	GW	LF	G	214	75.76	6.25	1535	10.9	1.14	-66.7	
	03/08/2017	GW	LF	G	214	75.02	6.13	2095	4.31	6.21	-96.4	DO-ORP disparity[1]
	07/21/2017	GW	LF	G	214	88.02	5.92	1021	5.17	2.31	-28.3	COC sampling depth is 215[1]
	11/10/2017	GW	LF	G	214	81	6.19	1597	3.12	4.22	-34.5	DO-ORP disparity[1]
	03/22/2019	GW	LF	G	214	67.88	6.42	1397	3.61	2.45	-29.4	
W38	10/26/2016	GW	LF	G	215	86.4	6.53	4094	3.96	1.94	83.5	
	11/29/2016	GW	LF	G	215	78.68	6.85	4412	2.57	4.97	45.6	
	02/06/2017	GW	LF	G	215	76.86	6.94	2975	1.92	0.15	-5.7	
	03/02/2017	GW	LF	G	215	80.5	6.32	4100	4.32	0.68	-35.4	
	07/19/2017	GW	LF	G	215	83.01	6.82	2116	2.57	0.5	55	
	11/08/2017	GW	LF	G	215	82.46	6.85	3901	2.07	5.14	-21.8	pH-ORP disparity
	07/30/2018	GW	LF	G	215	85.02	6.88	3756	1.01	4.63	148.1	
	11/01/2018	GW	LF	G	215	81.65	5.49	4112	1.71	1.32	144.9	DO-ORP disparity[1]
	03/11/2019	GW	LF	G	215	72.46	5.79	2432	1.51	0.73	-29.1	

Notes:

* The DO probes on both YSI meters can get temperamental due the amount of use they get at ST012. They are regularly sent in for repair but not until the field crews notice that the DO numbers are off or inconsistent. So the DO values for some wells may not be the best data to use for making conclusions.

[1] Results where dissolved oxygen is relatively high or low given the negative ORP value. One or both of the values may be suspect.

[2] YSI issues not reported in field notes but DO results appear to exceed solubility. DO result is suspect.