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)	Turbidity (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	
	01/25/2016	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	149.69	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]
	05/02/2019	GW	LF	G	148.81	80.81	6.35	3420	1.78	1.15	-129.9	
	5/15/2019	GW	LF	G	155	95.51	6.73	2535	1.10	0.24	-226.1	
	06/17/2019	GW	LF	G	148.87	92.41	6.62	5979	3.62	0.72	-122.6	
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	150.51	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	
	06/27/2019	GW	LF	G	149.45	85.75	6.76	5879	74.2	2.20	137.4	
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			146.73	71.88	6.78	3609	6.35	5.13	127.3	Well was resampled due to power outage at lab. Metals still tested on 3/8/19
	03/25/2019	GW			146.73	70.06	6.75	5503	5.06	5.26	191.9	
	06/18/2019	GW	LF	G	146.66	81.17	6.61	4775	1.92	2.79	130.4	
UWBZ24	03/19/2019				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	
	08/11/2018	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	
	06/04/2019	GW	LF	G	185	91.32	6.50	4897	2.41	0.59	-23.1	
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. Metals still tested on 3/8/19
	03/25/2019	GW	LF	G	185	72.65	6.98	3012	3.02	1.17	188.7	
	06/04/2019	GW	LF	G	185	82.93	6.54	2747	20.9	1.25	1.70	

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)	Turbidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
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 (although 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	175	85.2	6.51	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	
	05/22/2019	GW	LF	G	220	87.25	6.87	833	2.68	0.46	-247.6	
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]
	05/29/2019	GW	LF	G	215	84.37	6.16	843	8.07	0.45	-18.6	
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]
	05/31/2019	GW	LF	G	215	84.63	5.85	524	2.06	1.54	-114.7	DO-ORP disparity[1]
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]
	05/14/2019	GW	LF	G	220	86.45	7.08	15762	2.97	0.33	-338.7	
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]
	06/14/2019	GW	LF	G	220	85.01	7.00	48677	29.4	0.93	-265.5	
LSZ52	09/13/2016	GW	LF	G	220	83.45	6.44	2891	14.8	2.49	249.6	
	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	216	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
	06/21/2019	GW	LF	G	220	83.6	6.43	1810	2.02	2.44	17.6	
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	DO-ORP disparity[1]
	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	220	79.23	6.51	2524	7.8	5.93	-53.1	DO-ORP disparity[1]
	03/25/2019	GW			215	72.42	5.59	4260	9.06	0.76	211.1	DO-ORP disparity[1]
	06/18/2019	GW	LF	G	215	84.02	5.31	3436	9.53	0.65	166.5	

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)	Turbidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
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	
	05/22/2019	GW	LF	G	215	81.13	6.59	1620	0.48	1.19	43.6	
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	5.7	-68.9	DO-ORP disparity[1]
	04/02/2018	GW	LF	G	215	77.4	5.68	2646	14.9	7	-62.2	DO-ORP disparity[1]
	08/01/2018	GW	LF	G	215	84.76	6.67	2631	8.83	4.8	-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]
	06/13/2019	GW	LF	G	215	86.47	5.50	2924	10.0	0.45	-55.5	
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[1]
	05/23/2019	GW	LF	G	215	82.29	6.19	1842	6.65	1.33	108.3	
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]
	06/14/2019	GW	LF	G	215	82.62	5.55	4318	4.82	3.54	105.5	
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	
	06/18/2019	GW	LF	G	215	82.24	6.7	3543	11.2	2.22	109.3	
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]
	08/10/2018	GW	LF	G	155	77.59	7.29	598	7.1	5.85	-32	DO-ORP disparity[1]
C01	12/02/2016	GW	LF	G	143.05	72.39	5.92	6387	2.82	5.36	197.6	
	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	

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)	Turbidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
CO2	01/08/2016	GW	LF	G	156.53	74.27	6.67	3166	5.83	3.6	85.9	
	02/02/2016	GW	LF	G	156.51	69.5	6.82	3040	3.11	5.74	172.8	
	03/02/2016	GW	LF	G	156.25	76.52	3.81	3231	2.91	3.81	367.1	
	04/05/2016	GW	LF	G		83.11	6.71	3511	5.03	3.37	4.1	
	07/19/2016	GW	LF	G	155.62	82.12	5.94	2682	1.3	4.89	201	
	08/21/2016	GW	LF	G	154.9	79.2	6.63	3450	1.09	6.46	237	
	08/30/2016	GW	LF	G	155.28	84.21	6.54	4099	1.39	2.82	187.5	
	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	not sampled in Jan 17
	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	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	
	06/07/2019	GW	LF	G	152.29	86.02	6.60	4536	1.21	0.56	-134.5	
CO3	12/07/2016	GW	LF	G	148.27	73.7	5.41	4584	9.3	4.01	87.7	
	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	12/01/2016	GW	LF	G	150.11	71.2	6.74	4946	0.88	5.7	215.2	
	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	11/29/2016	GW	LF	G	154.25	75.12	6.64	4817	1.74	4.71	131.3	
	11/07/2018	GW	LF	G	152.24	71.37	6.8	3973	0.56	6.28	-76.7	DO-ORP disparity[1]
	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	01/05/2016	GW	LF	G	165	75.97	6.63	4750	8.67	4.66	192.7	
	02/03/2016	GW	LF	G	165	75.41	6.61	9162	11.3	4.99	182.1	
	03/07/2016	GW	LF	G	165	78.52	5.08	4771	11.6	0.6	170.8	
	04/04/2016	GW	LF	G	165	82.19	6.53	6204	3.83	4.9	200	
	07/27/2016	GW	LF	G	165	89.88	6.33	8209	12.4	4.55	158.8	
	09/06/2016	GW	LF	G	165	93.23	6.46	8783	9.75	3.73	103.8	
	10/31/2016	GW	LF	G	165	82.17	NR	6591	6.4	3.14	24.9	YSI issues 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	
	05/23/2019	GW	LF	G	165	80.57	5.99	2670	2.49	4.92	114.1	

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)	Turbidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
U02	01/05/2016	GW	LF	G	165	76.01	5.56	3771	38.7	2.12	-60.7	DO-ORP disparity[1]
	02/02/2016	GW	LF	G	165	74.11	5.54	4760	12.1	3.72	-114	DO-ORP disparity[1]
	03/02/2016	GW	LF	G	165	79.26	5.54	4390	2.32	2.63	-259.7	DO-ORP disparity[1]
	04/04/2016	GW	LF	G	165	81.3	6.26	3955	9.9	2.2	-121.3	DO-ORP disparity[1]
	07/19/2016	GW	LF	G	165	83.94	6.15	4096	4.32	2.98	164	
	08/30/2016	GW	LF	G	165	85.77	6.39	4966	7.42	2.78	120.1	
	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	DO-ORP disparity[1]
	02/25/2019	GW	LF	G	165	78.79	6.51	4883	3.4	0.19	-214.3	
	06/06/2019	GW	LF	G	165	83.85	6.34	4583	2.04	0.30	-154.4	
U11	01/06/2016	GW	LF	G	165	65.29	6.48	3235	3.97	3.83	203	
	02/02/2016	GW	LF	G	165	74.44	6.27	4195	3.09	3.67	77.7	
	03/02/2016	GW	LF	G	165	78.8	6.63	3081	3.28	6.63	49	
	04/06/2016	GW	LF	G	165	78.87	6.67	3051	1.13	3.15	40.6	
	07/20/2016	GW	LF	G	165	83.93	6.41	3139	7	2.98	186.1	
	09/07/2016	GW	LF	G	165	80.47	6.6	3261	4.03	3.57	229.4	
	10/27/2016	GW	LF	G	165	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 issues 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	82.44	6.53	2422	8.2	5.25	-73.3	DO-ORP disparity[1]
	11/07/2018	GW	LF	G	165	81.01	5.6	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	
	07/02/2019	GW	LF	G	165	94.26	6.69	4418	4.02	4.51	139.6	
U12	01/06/2016	GW	LF	G	165	70.16	6.5	4813	2.15	4.81	196.2	
	02/02/2016	GW	LF	G	165	71.92	6.59	4764	1.98	4.07	105.6	
	03/02/2016	GW	LF	G	165	79.87	6.68	3140	1.2	1.78	38.7	
	04/06/2016	GW	LF	G	165	82.19	6.63	5022	2	3.31	43.4	
	07/20/2016	GW	LF	G	165	80.36	6.21	4924	0.53	3.58	182.5	
	09/07/2016	GW	LF	G	165	80.93	6.47	5108	1.89	3.03	237.3	
	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	
	08/08/2016	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	
	06/05/2019	GW	LF	G	165	85.00	6.62	8064	0.81	2.45	-0.70	DO-ORP disparity[1]

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)	Turbidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
U37	01/06/2016	GW	LF	G	164	74.6	6.56	5518	0.83	4.8	186	
	02/04/2016	GW	LF	G	164	71.64	6.55	5672	3.86	6.69	184.1	
	03/02/2016	GW	LF	G	164	80.49	6.67	3862	1.09	0.42	39.8	
	04/16/2016	GW	LF	G	164	82.21	6.65	5399	2.77	3.92	41.4	
	07/26/2016	GW	LF	G	164	84.23	6.07	5713	0.79	3.82	188.4	
	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	
	06/21/2019	GW	LF	G	164	81.21	6.63	2921	1.80	6.05	147.7	
U38	01/07/2016	GW	LF	G	165	54.67	6.57	3591	1.13	5.5	222	
	02/03/2016	GW	LF	G	165	75.58	6.5	5218	4.94	3.61	87.8	
	03/02/2016	GW	LF	G	165	80.62	6.49	4970	0.47	0.7	103.4	
	04/05/2016	GW	LF	G	165	79.26	5.98	4756	1.97	3.25	37.4	
	07/25/2016	GW	LF	G	165	82.71	6.36	6444	0.5	3.56	227	
	09/09/2016	GW	LF	G	165	82	6.42	7235	4.02	3.12	206.1	
	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	
	11/09/2017	GW	LF	G	165	76.94	6.31	4100	0.6	1.31	232.3	
	07/30/2018	GW	LF	G	165	81.07	6.13	3852	0.95	5.43	171.7	
	08/01/2018	GW	LF	G	165	104.82	6.53	5474	3.86	0.12	-87.5	
	06/13/2019	GW	LF	G	165	82.88	6.53	4069	0.54	0.22	14.7	
W11	09/07/2016	GW	LF	G	213	81.23	6.38	5010	4.98	1.92	136.8	
	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	6.46	5153	4.27	165.43	-293.4	YSI issue with DO%
	06/19/2019	GW	LF	G	213	85.58	6.65	7568	7.21	0.56	-335.1	
W12	01/08/2016	GW	LF	G	214	71.71	6.7	3568	1.13	1.89	89.5	
	02/04/2016	GW	LF	G	214	70.41	6.63	3538	2.07	2.58	57.7	
	03/08/2016	GW	LF	G	214	78.26	6.77	2244	6.7	0.48	-16.2	
	04/06/2016	GW	LF	G	214	82.09	6.72	3492	5.88	2.37	37.3	
	07/20/2016	GW	LF	G	214	83.57	6.49	3791	0.88	2.4	188	
	09/07/2016	GW	LF	G	214	82.19	6.48	3922	3.76	1.83	238.4	
	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	DO-ORP disparity[1]
	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]
	06/05/2019	GW	LF	G	214	85.44	6.77	5044	0.72	1.95	-95.4	

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)	Turbidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
W24	01/08/2016	GW	LF	G	216	70.86	6.53	2235	5.97	2.46	-93.6	DO-ORP disparity[1]
	02/03/2016	GW	LF	G	216	74.33	7.13	2575	6.45	3.31	-81.8	DO-ORP disparity[1]
	03/07/2016	GW	LF	G	216	78.83	6.4	1578	5.13	0.98	-97.4	
	04/04/2016	GW	LF	G	216	83.25	6.88	2475	11.3	3.33	21.6	
	07/27/2016	GW	LF	G	216	86.16	5.72	2728	2.05	2.36	173.9	
	09/06/2016	GW	LF	G	216	84.34	6.72	2751	5.96	2.02	86	
	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	DO-ORP disparity[1]
	02/20/2019	GW	LF	G	216	70.77	6.12	2376	0.41	0.64	124.6	
	05/23/2019	GW	LF	G	216	78.50	5.86	1013	1.84	1.51	129.9	
W29	11/29/2016	GW	LF	G	215	71.24	6.67	1714	26.4	4.39	132.7	
	11/14/2017	GW	LF	G	215	78.31	6.35	1413	43.9	4.44	187.1	DO-ORP disparity[1]
	11/07/2018	GW	LF	G	215	74.44	6.76	1415	14.7	5.97	-122.6	DO-ORP disparity[1]
W30	01/11/2016	GW	LF	G	216	75.23	6.64	2141	2.03	2.42	-196	DO-ORP disparity[1]
	02/05/2016	GW	LF	G	216	74.67	5.79	1870	3.11	2.52	-33.2	
	03/09/2016	GW	LF	G	216	80.34	6.72	1501	3.93	1.85	-248	DO-ORP disparity[1]
	04/07/2016	GW	LF	G	216	82.7	6.67	2364	5.81	2.92	-182.4	DO-ORP disparity[1]
	07/20/2016	GW	LF	G	216	89.16	6.09	2377	10.9	2.26	54.7	
	09/12/2016	GW	LF	G	216	86.13	6.14	2526	4.98	3.36	108.6	
	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]
	06/19/2019	GW	LF	G	216	86.82	6.93	35680	14.1	0.33	-328.0	
W34	01/07/2016	GW	LF	G	214	70.42	6.87	1490	4.07	2.41	-19.1	
	02/04/2016	GW	LF	G	214	77.09	6.82	2228	9.7	2.72	-18.1	
	03/08/2016	GW	LF	G	214	80.92	7.03	1259	5.9	0.41	-86.8	
	04/07/2016	GW	LF	G	214	81.37	6.82	2103	2.99	3.51	28.6	
	07/19/2016	GW	LF	G	214	90.07	6.61	3182	4.02	2.25	208	
	08/30/2016	GW	LF	G	214	89.5	6.84	3703	6.18	1.47	209.7	
	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	77.20	4.95	5124	4.72	0.41	199.9	DO-ORP disparity[1]
	06/06/2019	GW	LF	G	214	83.60	4.88	4949	5.29	0.33	128.4	

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)	Turbidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
W35	12/01/2016	GW	LF	G	210	74.81	5.41	1161	1.14	5.09	196.9	
	11/09/2017	GW	LF	G	210	81.88	6.53	1174	1.13	5.2	44.4	
W36	02/24/2016	GW	LF	G	215	109.95	8.04	2830	3.11	0.91	-172.3	
	03/09/2016	GW	LF	G	215	112.49	6.73	3147	9.9	0.55	-252.1	
	04/07/2016	GW	LF	G	215	102.87	6.78	4284	5	1.52	-148.6	
	07/25/2016	GW	LF	G	215	108.78	6.52	4970	4.33	0.94	-54.5	
	08/31/2016	GW	LF	G	215	105.67	6.49	5069	2.01	1.16	-51.1	
	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	DO-ORP disparity[1]
	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	DO-ORP disparity[1]
	03/14/2019	GW	LF	G	215	98.9	6.42	2754	1.8	0.14	-205.3	
	05/29/2019	GW	LF	G	215	102.3	6.35	6700	2.58	0.69	-183.3	
W37	07/27/2016	GW	LF	G	214	83.56	5.97	2531	9.52	2.22	93.1	
	08/31/2016	GW	LF	G	214	84.72	6.39	5897	1.25	4.76	206.6	
	09/13/2016	GW	LF	G	214	88.53	5.67	2616	7.05	1.51	143.8	
	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'
	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	
	07/01/2019	GW	LF	G	214	99.49	5.93	14175	12.1	0.34	-64.0	
W38	01/07/2016	GW	LF	G	215	67.57	6.8	3424	0.97	2.6	25	
	02/03/2016	GW	LF	G	215	75.59	6.98	4422	3.11	3.16	25.5	
	03/03/2016	GW	LF	G	215	81.24	6.86	4091	2.95	0.79	-95.8	
	04/05/2016	GW	LF	G	215	81.39	6.79	3911	1.83	2.57	32.9	
	07/25/2016	GW	LF	G	215	88.44	6.61	4494	0.97	2.18	237.2	
	09/09/2016	GW	LF	G	215	86.82	6.69	4669	3.86	1.73	92.9	
	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	
	06/13/2019	GW	LF	G	215	81.85	6.89	4035	0.80	0.26	25.3	

* 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 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.