Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (°F)	Field pH	Conductivity (µs/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
CZ07	1/27/2020	GW	DP	G	N/A	69.46	6.71	5288	0.70	0.92	-40.7	Max. temp. 140[3]
CZ19	11/12/2019	GW	LF	G	148.40	91.55	6.63	4179	12.40	0.30	-110.3	DO-ORP disparity[1]
CZ20	4/3/2018	GW	LF	G	150.00	84.32	7.14	5178	10.10	4.12	-147.0	DO-ORP disparity[1]
	11/6/2019	GW	LF	G	145.44	98.98	7.22	5810	22.40	0.30	-284.6	DO-ORP disparity[1]
	2/3/2020	GW	LF	G	145.10	67.89	5.42	2209	19.40	1.59	-34.0	
CZ23	12/20/2016	GW	LF	G	150.98	76.96	6.30	4141	6.29	5.86	36.9	
	01/25/2016	GW	LF	G	150.83	71.84	6.18	4194	13.50	7.05	152.8	
	03/14/2017	GW	LF	G	150.49	83.71	6.62	5286	30.50	9.68	-142.8	DO-ORP disparity[1] DO > Solubility[2]
	04/19/2017	GW	LF	G	150.00	86.02	6.50	4833	45.50	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	144.90	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	150.00	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	77.60	6.84	3010	13.10	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	DO-ORP disparity[1]
	5/15/2019	GW	LF	G	155.00	95.51	6.73	2535	1.10	0.24	-226.1	DO-ORP disparity[1]
	06/17/2019	GW	LF	G	148.87	92.41	6.62	5979	3.62	0.72	-122.6	DO-ORP disparity[1]
	10/21/2019	GW	DP	G	N/A	94.69	6.86	5751	N/A	0.03	29.8	
	01/27/2020	GW	DP	G	N/A	89.96	4.33	5501	2.90	0.97	50.7	Max. temp. 105[3]
CZ24	12/19/2016	GW	LF	G	152.22	66.20	6.56	5050	8.70	3.09	59.4	
	03/16/2017	GW	LF	G	150.00	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	151.30	95.74	7.11	4420	10.70	1.90	191.0	
	07/25/2017	GW	LF	G	151.11	85.58	6.86	1930	13.60	1.94	102.4	
	12/11/2017	GW	LF	G	150.78	72.97	5.84	3728	9.29	2.99	-139.0	
	05/10/2018	GW	LF	G	150.00	85.09	5.17	2520	37.00	4.43	200.1	
	07/31/2018	GW	LF	G	150.51	99.47	6.95	5061	17.10	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	
	09/03/2019	GW	LF	G	149.69	102.08	7.85	5036	6.79	1.42	49.3	
	10/10/2019	GW	LF	G	149.70	88.84	6.51	5315	173	1.48	102.9	
	01/10/2020	GW	LF	G	149.50	58.11	6.58	3816	17.7	5.85	350.9	
CZ25	12/20/2016	GW	LF	G	150.00	77.01	6.43	4913	1.33	5.62	136.0	
	03/15/2017	GW	LF	G	150.00	77.42	6.67	5629	6.79	13.40	172.8	DO > Solubility[2]
	04/18/2018	GW	LF	G	145.00	81.90	6.75	2056	42.90	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	
	08/13/2019	GW	LF	G	146.74	80.19	6.65	5179	1.12	3.84	92.8	
	10/14/2019	GW	LF	G	146.40	70.48	6.81	9158	5.85	5.21	132.3	
	01/22/2020	GW	LF	G	146.00	71.84	6.50	3020	16.50	5.15	202.0	
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	164.0	
	11/26/2019	GW	LF	G	141.45	57.55	5.03	3920	2.35	2.80	282.1	

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (°F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
CO2	01/08/2016	GW	LF	G	156.53	74.27	6.67	3166	5.83	3.60	85.9	
	02/02/2016	GW	LF	G	156.51	69.50	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	1.30	4.89	201.0	
	08/21/2016	GW	LF	G	154.90	79.20	6.63	3450	1.09	6.46	237.0	
	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	154.90	79.20	6.63	3450	1.09	6.46	237.0	
	11/28/2016	GW	LF	G	154.53	74.67	6.42	4145	2.40	5.75	117.3	
	03/01/2017	GW	LF	G	154.27	74.00	6.92	3397	3.47	2.98	118.3	not sampled in Jan 17
	04/18/2017	GW	LF	G	154.00	82.45	6.45	4201	0.73	1.27	175.1	
	06/05/2017	GW	LF	G	153.60	85.21	6.73	4553	3.24	1.18	157.9	
	07/18/2017	GW	LF	G	153.50	91.45	6.40	750	2.19	4.40	152.8	
	11/03/2017	GW	LF	G	153.22	81.58	6.88	3181	5.49	5.00	50.4	
	07/26/2018	GW	LF	G	153.00	86.47	5.34	4828	2.03	60.10	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	153.50	73.78	6.70	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	
	07/24/2019	GW	LF	G	152.25	84.97	5.73	4640	0.98	3.46	150.7	
	10/14/2019	GW	LF	G	152.09	75.49	5.24	7740	4.86	1.51	141.7	
	01/15/2020	GW	LF	G	152.00	79.18	6.13	4311	39.30	1.39	56.2	
CO3	12/07/2016	GW	LF	G	148.27	73.70	5.41	4584	9.30	4.01	87.7	
	11/07/2017	GW	LF	G	147.03	81.90	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]
	10/09/2019	GW	LF	G	145.55	77.86	6.89	5282	2.43	0.00	130.3	
CO4	12/01/2016	GW	LF	G	150.11	71.20	6.74	4946	0.88	5.70	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]
	11/18/2019	GW	LF	G	147.35	81.68	6.94	4879	0.86	6.09	58.1	
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	6.80	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	
	11/19/2019	GW	LF	G	151.95	76.60	7.01	4742	1.04	6.59	1828.0	ORP seems high
UWBZ21	01/29/2020	GW	DP	G	N/A	54.61	7.15	2845	2.81	8.17	323.5	Max. temp. 172[3]
UWBZ22	01/28/2020	GW	DP	G	N/A	72.66	6.24	1728	N/A	5.92	89.4	Max. temp. 120[3]
UWBZ24	03/19/2019	GW	LF	G	180.00	89.09	6.44	2159	2.76	0.43	-33.4	
	04/03/2018	GW	LF	G	175.00	81.45	6.82	1961	8.45	4.62	-213.1	DO-ORP disparity[1]
UWBZ25	10/25/2019	GW	DP	G	N/A	82.62	6.72	3341	N/A	2.57	111.9	
	01/27/2020	GW	DP	G	N/A	69.59	6.61	3851	0.63	0.92	20.4	Max. temp. 175[3]
UWBZ26	10/21/2019	GW	DP	G	N/A	88.04	7.16	9300	N/A	0.10	-365.7	YSI issues with DO
	02/05/2020	GW	LF	G	180.00	61.07	6.40	10089	26.90	1.29	-154.7	
UWBZ27	01/28/2020	GW	DP	G	N/A	66.58	7.01	5104	11.10	21.67	-19.1	DO-ORP disparity[1] DO > Solubility2
UWBZ30	01/29/2020	GW	DP	G	N/A	79.36	6.51	3881	6.83	4.84	236.0	Max. temp. 159[3]
UWBZ31	01/24/2020	GW	LF	G	180.00	81.92	6.49	3590	6.80	1.94	50.0	
UWBZ34	12/02/2019	GW	LF	G	175.00	62.02	6.47	67014	115.00	0.71	-283.7	DO-ORP disparity[1]
UWBZ36	04/25/2018	GW	LF	G	180.00	91.26	5.57	4147	4.61	3.82	-96.4	DO-ORP disparity[1]
	12/19/2019	GW	LF	G	180.00	62.42	6.57	4823	47.90	0.75	-343.5	

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (°F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
UWBZ38	12/19/2016	GW	LF	G	185.00	66.53	6.44	6920	6.39	4.42	56.3	
	03/16/2017	GW	LF	G	185.00	86.65	6.76	8653	5.49	8.16	-133.8	DO-ORP disparity[1]
	04/20/2017	GW	LF	G	185.00	91.47	6.71	8396	1.53	0.87	81.0	
	06/06/2017	GW	LF	G	185.00	90.77	6.33	7332	2.07	0.35	163.4	
	07/25/2017	GW	LF	G	185.00	88.77	6.55	3610	2.08	0.86	83.2	
	12/11/2017	GW	LF	G	185.00	77.80	6.09	6776	9.21	0.56	-262.4	
	04/11/2018	GW	LF	G	185.00	76.84	6.09	3952	3.12	6.66	233.3	
	08/11/2018	GW	LF	G	185.00	104.82	6.53	5474	3.86	0.12	-87.5	
	03/11/2019	GW	LF	G	185.00	71.74	6.09	2500	0.31	6.33	107.0	
	06/04/2019	GW	LF	G	185.00	91.32	6.50	4897	2.41	0.59	-23.1	
	08/12/2019	GW	LF	G	185.00	80.93	7.49	5112	9.12	1.73	124.8	
	10/10/2019	GW	LF	G	185.00	77.92	6.77	5115	4.00	1.28	55.8	
	01/10/2020	GW	LF	G	185.00	72.97	6.71	5101	3.53	1.87	346.2	
UWBZ39	12/21/2016	GW	LF	G	185.00	71.45	6.53	1272	20.00	7.06	127.8	
	03/15/2017	GW	LF	G	185.00	89.57	6.63	1594	11.10	8.65	53.4	
	05/03/2018	GW	LF	G	185.00	73.88	6.49	1728	9.76	5.99	66.5	
	03/08/2019	GW	LF	G	185.00	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	185.00	72.65	6.98	3012	3.02	1.17	188.7	
	06/04/2019	GW	LF	G	185.00	82.93	6.54	2747	20.90	1.25	1.7	
	08/13/2019	GW	LF	G	185.00	76.82	6.51	2973	6.28	1.91	98.0	
	10/14/2019	GW	LF	G	185.00	70.00	6.18	5433	14.30	2.69	156.0	
	01/22/2020	GW	LF	G	185.00	73.50	6.61	2263	5.61	1.66	176.5	
UWBZ40	12/23/2016	GW	LF	G	185.00	72.63	6.29	6786	14.90	7.14	76.0	
	02/06/2017	GW	LF	G	185.00	63.71	6.57	7516	44.20	0.22	53.4	
	03/09/2017	GW	LF	G	185.00	87.60	6.43	15938	4.97	6.00	69.5	Conductivity reading may be incorrect due to possible sensor problems (although not noted on other wells)
	06/09/2017	GW	LF	G	185.00	87.51	6.54	9448	6.55	0.77	196.9	
	07/25/2017	GW	LF	G	185.00	103.04	5.34	7490	8.20	0.85	127.6	sample depth on COC is 175'
	08/09/2018	GW	LF	G	175.00	85.20	6.51	6879	14.30	4.68	-106.9	DO-ORP disparity[1]
RB-3A	01/05/2016	GW	LF	G	165.00	75.97	6.63	4750	8.67	4.66	192.7	
	02/03/2016	GW	LF	G	165.00	75.41	6.61	9162	11.30	4.99	182.1	
	03/07/2016	GW	LF	G	165.00	78.52	5.08	4771	11.60	0.60	170.8	
	04/04/2016	GW	LF	G	165.00	82.19	6.53	6204	3.83	4.90	200.0	
	07/27/2016	GW	LF	G	165.00	89.88	6.33	8209	12.40	4.55	158.8	
	09/06/2016	GW	LF	G	165.00	93.23	6.46	8783	9.75	3.73	103.8	
	10/31/2016	GW	LF	G	165.00	82.17	NR	6591	6.40	3.14	24.9	YSI issues with pH sensor
	11/21/2016	GW	LF	G	165.00	78.66	5.60	5344	8.70	3.77	110.8	
	01/26/2017	GW	LF	G	165.00	73.81	6.38	5780	7.50	113.45	244.4	YSI issues with DO% and pH
	03/03/2017	GW	LF	G	165.00	77.03	6.70	6030	9.70	5.57	171.0	
	07/28/2017	GW	LF	G	165.00	82.40	6.66	2329	10.90	4.52	224.1	
	11/06/2017	GW	LF	G	165.00	80.10	6.51	4947	3.50	4.81	132.3	
	07/27/2018	GW	LF	G	165.00	81.77	6.15	5225	4.79	5.31	97.4	
	11/05/2018	GW	LF	G	165.00	71.42	6.53	4759	4.10	5.37	-36.6	DO-ORP disparity[1]
	02/19/2019	GW	LF	G	165.00	76.97	6.70	6850	1.54	4.53	101.9	
	05/23/2019	GW	LF	G	165.00	80.57	5.99	2670	2.49	4.92	114.1	
	07/31/2019	GW	LF	G	165.00	82.36	6.24	7102	2.31	5.17	169.6	
	10/11/2019	GW	LF	G	165.00	73.29	5.57	7827	2.59	3.67	116.1	
	01/20/2020	GW	LF	G	165.00	77.53	6.57	6484	1.21	5.05	170.9	

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (°F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
U02	01/05/2016	GW	LF	G	165.00	76.01	5.56	3771	38.70	2.12	-60.7	DO-ORP disparity[1]
	02/02/2016	GW	LF	G	165.00	74.11	5.54	4760	12.10	3.72	-114.0	DO-ORP disparity[1]
	03/02/2016	GW	LF	G	165.00	79.26	5.54	4390	2.32	2.63	-259.7	DO-ORP disparity[1]
	04/04/2016	GW	LF	G	165.00	81.30	6.26	3955	9.90	2.20	-121.3	DO-ORP disparity[1]
	07/19/2016	GW	LF	G	165.00	83.94	6.15	4096	4.32	2.98	164.0	
	08/30/2016	GW	LF	G	165.00	85.77	6.39	4966	7.42	2.78	120.1	
	10/25/2016	GW	LF	G	165.00	79.77	7.97	2499	10.10	5.98	207.3	
	11/28/2016	GW	LF	G	165.00	75.93	6.24	5342	2.97	5.41	-44.8	DO-ORP disparity[1]
	01/24/2017	GW	LF	G	165.00	75.61	5.54	5994	2.07	4.25	24.1	
	03/01/2017	GW	LF	G	165.00	77.98	6.37	5286	2.87	0.74	-181.1	
	04/18/2017	GW	LF	G	165.00	83.49	6.24	5131	4.03	0.53	-155.2	
	06/05/2017	GW	LF	G	165.00	85.00	6.04	6237	3.14	2.76	-196.5	DO-ORP disparity[1]
	07/18/2017	GW	LF	G	165.00	84.94	5.65	3009	6.52	0.89	-144.0	
	11/03/2017	GW	LF	G	165.00	82.36	6.38	5848	7.90	4.83	-149.6	DO-ORP disparity[1]
	07/27/2018	GW	LF	G	165.00	82.50	6.32	5008	5.58	66.90	148.7	YSI issue with DO
	10/31/2018	GW	LF	G	165.00	80.43	5.33	4550	7.05	1.74	-130.2	DO-ORP disparity[1]
	02/25/2019	GW	LF	G	165.00	78.79	6.51	4883	3.40	0.19	-214.3	
	06/06/2019	GW	LF	G	165.00	83.85	6.34	4583	2.04	0.30	-154.4	
	07/25/2019	GW	LF	G	150.31	88.52	6.37	4522	1.19	0.29	9.1	
	10/24/2019	GW	LF	G	165.00	81.48	6.69	4213	1.49	2.58	-79.4	
	11/22/2019	GW	LF	G	165.00	74.16	5.57	3851	9.87	1.88	128.3	
	12/26/2019	GW	LF	G	165.00	77.33	5.59	4727	2.21	0.52	-23.0	
	01/21/2020	GW	LF	G	165.00	73.83	6.15	4012	2.51	0.47	126.2	
U11	01/06/2016	GW	LF	G	165.00	65.29	6.48	3235	3.97	3.83	203.0	
	02/02/2016	GW	LF	G	165.00	74.44	6.27	4195	3.09	3.67	77.7	
	03/02/2016	GW	LF	G	165.00	78.80	6.63	3081	3.28	6.63	49.0	
	04/06/2016	GW	LF	G	165.00	78.87	6.67	3051	1.13	3.15	40.6	
	07/20/2016	GW	LF	G	165.00	83.93	6.41	3139	7.00	2.98	186.1	
	09/07/2016	GW	LF	G	165.00	80.47	6.60	3261	4.03	3.57	229.4	
	10/27/2016	GW	LF	G	165.00	83.04	6.01	3048	12.10	2.78	151.2	
	12/01/2016	GW	LF	G	165.00	79.91	6.70	3465	9.62	4.09	109.5	
	01/27/2017	GW	LF	G	165.00	72.71	6.48	3074	5.11	NR	280.5	YSI issues with DO%
	03/02/2017	GW	LF	G	165.00	77.84	6.82	3561	3.62	2.26	140.1	
	11/10/2017	GW	LF	G	165.00	79.63	6.82	3207	3.27	4.27	122.8	
	08/09/2018	GW	LF	G	165.00	82.44	6.53	2422	8.20	5.25	-73.3	DO-ORP disparity[1]
	11/07/2018	GW	LF	G	165.00	81.01	5.60	1739	1.32	4.46	101.6	
	03/19/2019	GW	LF	G	165.00	71.05	6.67	1823	1.78	4.05	148.3	
	07/02/2019	GW	LF	G	165.00	94.26	6.69	4418	4.02	4.51	139.6	
	09/18/2019	GW	LF	G	165.00	74.92	7.92	3633	2.60	3.57	86.9	
	11/14/2019	GW	LF	G	165.00	78.62	6.30	3964	3.27	3.06	170.5	

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (°F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
U12	01/06/2016	GW	LF	G	165.00	70.16	6.50	4813	2.15	4.81	196.2	
	02/02/2016	GW	LF	G	165.00	71.92	6.59	4764	1.98	4.07	105.6	
	03/02/2016	GW	LF	G	165.00	79.87	6.68	3140	1.20	1.78	38.7	
	04/06/2016	GW	LF	G	165.00	82.19	6.63	5022	2.00	3.31	43.4	
	07/20/2016	GW	LF	G	165.00	80.36	6.21	4924	0.53	3.58	182.5	
	09/07/2016	GW	LF	G	165.00	80.93	6.47	5108	1.89	3.03	237.3	
	10/27/2016	GW	LF	G	165.00	82.77	6.01	4651	1.39	2.72	107.5	
	11/30/2016	GW	LF	G	165.00	77.67	6.64	4956	0.89	4.49	149.6	
	01/31/2017	GW	LF	G	165.00	76.34	6.29	4263	1.77		215.9	
	02/28/2017	GW	LF	G	165.00	77.75	6.83	4947	0.53	1.58	119.5	
	11/06/2017	GW	LF	G	165.00	80.82	6.55	4379	2.55	4.69	115.8	
	08/08/2016	GW	LF	G	165.00	78.81	6.67	3181	6.00	5.71	10.1	
	11/02/2018	GW	LF	G	165.00	79.33	6.39	5272	1.37	2.56	213.9	DO-ORP disparity[1]
	02/20/2019	GW	LF	G	165.00	76.73	6.41	5634	1.18	0.23	85.4	
	06/05/2019	GW	LF	G	165.00	85.00	6.62	8064	0.81	2.45	-0.7	DO-ORP disparity[1]
	08/12/2019	GW	LF	G	165.00	77.97	7.03	6537	0.51	1.40	126.6	
	10/15/2019	GW	LF	G	165.00	72.38	6.77	6075	1.92	2.02	97.0	
	01/22/2020	GW	LF	G	165.00	77.51	6.69	4665	1.00	0.52	223.2	
U37	01/06/2016	GW	LF	G	164.00	74.60	6.56	5518	0.83	4.80	186.0	
	02/04/2016	GW	LF	G	164.00	71.64	6.55	5672	3.86	6.69	184.1	
	03/02/2016	GW	LF	G	164.00	80.49	6.67	3862	1.09	0.42	39.8	
	04/16/2016	GW	LF	G	164.00	82.21	6.65	5399	2.77	3.92	41.4	
	07/26/2016	GW	LF	G	164.00	84.23	6.07	5713	0.79	3.82	188.4	
	11/01/2016	GW	LF	G	164.00	80.47	6.66	5221	7.80	2.45	128.5	
	12/05/2016	GW	LF	G	164.00	77.90	6.69	5293	1.98	5.58	217.0	not sampled in Jan 17
	03/08/2017	GW	LF	G	164.00	77.82	6.65	6228	3.26	10.26	54.2	DO > Solubility[2]
	07/21/2017	GW	LF	G	164.00	84.76	6.10	3011	0.79	2.65	2.0	
	11/09/2017	GW	LF	G	164.00	80.86	6.68	5292	1.33	5.36	-27.4	DO-ORP disparity[1]
	07/31/2018	GW	LF	G	164.00	79.08	6.75	4361	3.06	7.07	19.6	
	11/12/2018	GW	LF	G	164.00	72.27	6.77	2894	1.81	0.51	-90.8	
	06/21/2019	GW	LF	G	164.00	81.21	6.63	2921	1.80	6.05	147.7	
	09/03/2019	GW	LF	G	164.00	76.55	7.75	4794	1.00	3.68	21.4	
	11/07/2019	GW	LF	G	164.00	79.99	6.68	6424	0.52	4.26	146.7	
	02/03/2020	GW	LF	G	164.00	63.26	6.61	5343	1.76	6.61	253.3	
U38	01/07/2016	GW	LF	G	165.00	54.67	6.57	3591	1.13	5.50	222.0	
	02/03/2016	GW	LF	G	165.00	75.58	6.50	5218	4.94	3.61	87.8	
	03/02/2016	GW	LF	G	165.00	80.62	6.49	4970	0.47	0.70	103.4	
	04/05/2016	GW	LF	G	165.00	79.26	5.98	4756	1.97	3.25	37.4	
	07/25/2016	GW	LF	G	165.00	82.71	6.36	6444	0.50	3.56	227.0	
	09/09/2016	GW	LF	G	165.00	82.00	6.42	7235	4.02	3.12	206.1	
	10/26/2016	GW	LF	G	165.00	80.80	6.80	6189	2.01	3.06	209.2	
	11/29/2016	GW	LF	G	165.00	77.86	6.58	6770	1.12	5.16	230.5	
	02/06/2017	GW	LF	G	165.00	76.24	6.65	4176	2.09	0.48	93.6	
	03/02/2017	GW	LF	G	165.00	80.19	6.69	5811	3.26	1.05	66.2	
	07/19/2017	GW	LF	G	165.00	82.19	5.79	2527	1.52	0.91	243.0	
	11/08/2017	GW	LF	G	165.00	81.08	6.64	4217	2.18	4.11	156.3	
	11/09/2017	GW	LF	G	165.00	76.94	6.31	4100	0.60	1.31	232.3	
	07/30/2018	GW	LF	G	165.00	81.07	6.13	3852	0.95	5.43	171.7	
	08/01/2018	GW	LF	G	165.00	104.82	6.53	5474	3.86	0.12	-87.5	
	06/13/2019	GW	LF	G	165.00	82.88	6.53	4069	0.54	0.22	14.7	
	08/20/2019	GW	LF	G	165.00	73.91	6.56	5037	0.73	1.75	123.5	
	10/16/2019	GW	LF	G	165.00	73.90	6.46	4844	1.37	1.73	298.2	
	01/23/2020	GW	LF	G	165.00	74.96	6.51	5601	1.17	0.59	186.7	
LSZ08	11/26/2019	GW	LF	G	230.00	71.00	7.91	8039	4.21	0.35	-245.8	

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (°F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
LSZ09	10/18/2019	GW	DP	G	N/A	90.03	6.96	5158	19.20	1.74	-68.2	
LSZ10	10/31/2019	GW	LF	G	200.00	82.20	9.29	7484	31.80	1.10	-181.4	
LSZ11	10/22/2019	GW	LF	G	180.00	101.40	7.04	5364	N/A	0.22	-104.8	
	01/28/2020	GW	DP	G	N/A	58.84	6.80	72	373.00	8.45	72.6	
LSZ12	10/22/2019	GW	LF	G	228.00	101.29	6.94	6480	N/A	0.33	-42.0	
	01/29/2020	GW	DP	G	N/A	71.99	4.98	5845	5.12	4.05	243.0	Max. temp. 99[3]
LSZ15	10/31/2019	GW	LF	G	200.00	101.22	7.16	16393	296.00	0.34	-35.8	
LSZ18	11/24/2018	GW	LF	G	215.00	89.74	6.48	2516	0.84	3.26	-172.3	
LSZ23	10/21/2019	GW	DP	G	228.00	85.60	7.33	7537	N/A	16.83	-136.0	YSI issues with DO
LSZ28	1/29/2020	GW	DP	G	N/A	68.02	7.16	1540	4.96	3.08	242.2	Max. temp. 147[3]
LSZ29	04/10/2018	GW	LF	G	225.00	102.30	6.37	6229	4.21	2.68	-21.6	
LSZ35	10/31/2019	GW	LF	G	215.00	90.11	7.05	8004	8.26	2.84	-155.2	
LSZ37	10/21/2019	GW	DP	G	N/A	82.47	6.88	4362	N/A	7.81	-111.7	
	01/29/2020	GW	DP	G	N/A	78.90	6.19	3773	36.10	3.80	110.0	Max. temp. 85[3]
LSZ38	10/21/2019	GW	DP	G	215.00	80.59	7.38	5188	N/A	9.60	-204.7	
	02/05/2020	GW	LF	G	215.00	66.90	6.91	4159	28.00	1.30	-14.0	
LSZ39	10/22/2019	GW	LF	G	155.00	95.46	7.59	8918	N/A	0.22	-575.5	
	02/05/2020	GW	LF	G	228.00	42.81	6.69	4635	42.60	2.53	45.3	
LSZ43	01/27/2020	GW	DP	G	N/A	55.72	7.34	2717	0.93	5.96	42.7	Max. temp. 137[3]
LSZ44	04/25/2017	GW	LF	G	220.00	84.73	6.66	1637	4.17	1.04	-153.2	
	07/26/2017	GW	LF	G	220.00	87.09	6.53	793	10.50	1.21	-155.2	
	12/14/2017	GW	LF	G	210.00	82.89	6.98	1987	7.92	3.52	-196.7	DO-ORP disparity[1]
	11/08/2018	GW	LF	G	220.00	86.30	7.34	1311	12.10	7.29	-179.5	
	05/22/2019	GW	LF	G	220.00	87.25	6.87	833	2.68	0.46	-247.6	
	07/30/2019	GW	LF	G	220.00	96.68	6.80	2380	5.73	5.80	-80.9	DO-ORP disparity[1]
	10/07/2019	GW	LF	G	220.00	80.87	7.46	2088	9.90	1.31	-226.1	
	01/09/2020	GW	LF	G	220.00	86.03	5.90	2475	9.80	1.15	-152.9	
LSZ45	12/12/2017	GW	LF	G	215.00	81.36	6.49	2294	5.79	0.24	-183.9	
	05/02/2018	GW	LF	G	215.00	74.90	6.41	2046	NA	6.31	-50.4	DO-ORP disparity[1]
	05/29/2019	GW	LF	G	215.00	84.37	6.16	843	8.07	0.45	-18.6	
	08/09/2019	GW	LF	G	215.00	86.70	6.25	2220	1.92	0.70	-30.7	
	10/25/2019	GW	LF	G	215.00	84.43	6.39	1966	2.48	0.72	-20.8	
	01/28/2020	GW	LF	G	215.00	75.71	6.18	1883	1.24	1.15	-26.5	
LSZ46	12/12/2017	GW	LF	G	215.00	77.39	6.80	1054	6.87	0.24	-272.6	
	05/03/2018	GW	LF	G	215.00	81.55	6.79	897	3.17	4.43	-181.2	DO-ORP disparity[1]
	05/31/2019	GW	LF	G	215.00	84.63	5.85	524	2.06	1.54	-114.7	DO-ORP disparity[1]
	08/09/2019	GW	LF	G	215.00	86.31	6.39	1582	1.87	0.37	-140.6	
	10/23/2019	GW	LF	G	215.00	79.51	6.66	1537	2.88	2.08	-224.3	
	01/28/2020	GW	LF	G	215.00	65.58	7.47	1298	1.26	1.97	-190.7	

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (°F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
LSZ49	12/15/2017	GW	LF	G	220.00	77.35	6.58	2628	5.76	5.29	-241.7	DO-ORP disparity[1]
	05/01/2018	GW	LF	G	220.00	77.47	6.16	3006	11.30	5.68	-79.1	DO-ORP disparity[1]
	05/14/2019	GW	LF	G	220.00	86.45	7.08	15762	2.97	0.33	-338.7	
	08/02/2019	GW	LF	G	220.00	88.88	5.76	68633	29.20	1.60	17.2	
	10/10/2019	GW	LF	G	220.00	67.38	7.09	7305	22.20	1.85	-252.8	
	01/15/2020	GW	LF	G	220.00	77.01	6.86	14062	46.80	0.32	-255.7	
LSZ50	12/02/2016	GW	LF	G	220.00	79.40	6.70	2036	72.70	4.16	-92.6	DO-ORP disparity[1]
	01/26/2017	GW	LF	G	220.00	76.43	6.32	1869	9.18	4.98	80.6	
	03/07/2017	GW	LF	G	220.00	77.27	6.63	2136	11.20	3.78	-129.9	DO-ORP disparity[1]
	12/11/2017	GW	LF	G	220.00	81.05	6.58	2259	13.10	3.30	-54.3	DO-ORP disparity[1]
	06/14/2019	GW	LF	G	220.00	85.01	7.00	48677	29.40	0.93	-265.5	DO-ORP disparity[3]
	09/12/2019	GW	LF	G	220.00	80.41	7.71	50436	10.10	1.02	-321.2	DO-ORP disparity[3]
	11/11/2019	GW	LF	G	220.00	78.85	7.15	21922	9.31	0.35	-313.5	
	02/06/2020	GW	LF	G	220.00	57.36	7.40	54489	65.70	5.61	-190.4	DO-ORP disparity[3]
LSZ52	09/13/2016	GW	LF	G	220.00	83.45	6.44	2891	14.80	2.49	249.6	
	11/22/2016	GW	LF	G	220.00	78.29	6.80	2702	6.79	2.58	205.6	
	01/25/2017	GW	LF	G	220.00	72.47	6.62	2509	3.93	6.89	155.6	
	03/14/2017	GW	LF	G	220.00	83.19	6.49	2401	6.36	8.40	79.4	
	04/21/2017	GW	LF	G	220.00	79.89	6.79	2005	4.93	1.22	153.5	
	06/06/2017	GW	LF	G	220.00	83.85	6.34	2091	9.62	0.68	214.4	
	07/28/2017	GW	LF	G	220.00	83.67	7.18	982	10.30	1.72	54.7	
	12/12/2017	GW	LF	G	220.00	77.17	7.11	2324	3.90	0.20	-117.4	
	04/02/2018	GW	LF	G	220.00	78.08	6.82	2067	3.39	6.82	93.6	
	08/08/2018	GW	LF	G	216.00	86.71	6.35	547	6.90	4.55	-126.7	DO-ORP disparity[1]
	03/13/2019	GW	LF	G	220.00	75.40	6.90	200001	1.42	0.08	100.0	YSI issues with conductivity
	06/21/2019	GW	LF	G	220.00	83.60	6.43	1810	2.02	2.44	17.6	
	09/03/2019	GW	LF	G	220.00	76.53	8.13	1535	4.46	1.69	-48.3	
	11/27/2019	GW	LF	G	230.00	66.97	6.75	2329	1.77	0.87	91.7	
	02/07/2020	GW	LF	G	220.00	56.33	6.94	3180	4.77	1.54	193.5	
LSZ53	12/22/2016	GW	LF	G	215.00	75.57	6.53	3642	22.30	6.38	59.9	
	03/10/2017	GW	LF	G	220.00	80.23	6.72	4837	8.75	8.54	-137.9	DO-ORP disparity[1]
	04/17/2017	GW	LF	G	220.00	81.60	6.55	4368	4.68	1.08	-125.1	
	06/07/2017	GW	LF	G	220.00	84.86	6.62	3691	36.80	0.34	-112.7	
	07/27/2017	GW	LF	G	220.00	84.55	6.43	1843	12.10	1.42	-130.0	DO-ORP disparity[1]
	05/11/2018	GW	LF	G	215.00	77.69	5.28	2004	6.17	5.86	-101.0	DO-ORP disparity[1]
	08/09/2018	GW	LF	G	220.00	79.23	6.51	2524	7.80	5.93	-53.1	DO-ORP disparity[1]
	03/25/2019	GW			215.00	72.42	5.59	4260	9.06	0.76	211.1	DO-ORP disparity[1]
	06/18/2019	GW	LF	G	215.00	84.02	5.31	3436	9.53	0.65	166.5	
	08/28/2019	GW	LF	G	215.00	84.50	5.85	3584	10.10	1.62	71.3	
	11/25/2019	GW	LF	G	215.00	74.68	6.84	3787	48.00	0.32	188.8	
	02/11/2020	GW	LF	G	215.00	56.10	6.64	3134	87.20	5.00	266.6	

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (°F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
LSZ54	12/20/2016	GW	LF	G	215.00	78.49	6.69	3655	3.01	5.31	136.6	
	03/13/2017	GW	LF	G	215.00	86.65	6.85	4204	7.88	9.92	57.6	YSI issues with DO
	04/19/2017	GW	LF	G	215.00	88.73	6.85	3490	1.09	1.38	277.3	
	06/08/2017	GW	LF	G	215.00	82.64	7.01	2642	5.15	1.80	203.3	
	07/24/2017	GW	LF	G	215.00	74.01	6.57	2889	1.31	0.24	274.3	
	12/14/2017	GW	LF	G	215.00	78.54	6.99	3469	1.55	4.16	24.5	
	05/03/2018	GW	LF	G	215.00	80.85	5.84	2943	7.42	4.57	117.2	
	08/08/2018	GW	LF	G	215.00	86.10	6.49	2416	10.90	4.65	-103.1	DO-ORP disparity[1]
	11/08/2018	GW	LF	G	215.00	81.56	7.01	2099	1.02	5.26	42.3	
	05/22/2019	GW	LF	G	215.00	81.13	6.59	1620	0.48	1.19	43.6	
	07/30/2019	GW	LF	G	215.00	89.25	5.96	4650	1.35	17.80	89.2	
	10/07/2019	GW	LF	G	215.00	73.07	6.36	4074	2.87	1.72	62.6	
	11/18/2019	GW	LF	G	215.00	75.14	6.17	3849	2.20	3.00	94.2	
	12/26/2019	GW	LF	G	215.00	58.28	6.51	3701	1.63	1.69	80.7	
	01/21/2020	GW	LF	G	215.00	76.37	6.47	3901	2.86	1.90	323.3	
LSZ55	12/19/2016	GW	LF	G	215.00	79.52	6.62	3511	14.48	77.29	-41.4	YSI issues with DO
	03/14/2017	GW	LF	G	215.00	77.98	6.83	2832	42.80	8.69	-268.2	DO-ORP disparity[1]
	04/20/2017	GW	LF	G	215.00	84.24	6.13	2608	14.70	1.32	-96.0	
	06/06/2017	GW	LF	G	215.00	86.91	6.55	2616	33.10	0.24	-118.4	
	07/24/2017	GW	LF	G	215.00	82.31	6.41	2418	13.20	6.45	-119.8	DO-ORP disparity[1]
	12/15/2017	GW	LF	G	215.00	75.42	5.07	2241	22.00	5.70	-68.9	DO-ORP disparity[1]
	04/02/2018	GW	LF	G	215.00	77.40	5.68	2646	14.90	7.00	-62.2	DO-ORP disparity[1]
	08/01/2018	GW	LF	G	215.00	84.76	6.67	2631	8.83	4.80	-101.9	DO-ORP disparity[1]
	11/09/2018	GW	LF	G	215.00	78.99	7.00	1967	1.00	5.78	196.7	
	03/11/2019	GW	LF	G	215.00	72.63	6.99	1782	39.90	5.81	-89.0	DO-ORP disparity[1]
	06/13/2019	GW	LF	G	215.00	86.47	5.50	2924	10.00	0.45	-55.5	
	08/19/2019	GW	LF	G	215.00	86.27	5.23	4142	20.10	2.06	112.1	
	11/06/2019	GW	LF	G	215.00	79.15	5.85	3045	27.00	0.93	17.4	
	01/30/2020	GW	LF	G	215.00	77.59	6.41	3775	109.00	2.34	70.7	
LSZ56	12/21/2016	GW	LF	G	215.00	78.00	6.63	4266	7.99	5.39	108.9	
	03/09/2017	GW	LF	G	220.00	79.38	6.60	4508	6.36	6.48	36.5	
	07/28/2017	GW	LF	G	220.00	86.01	5.92	1773	7.41	1.55	77.2	
	04/03/2018	GW	LF	G	220.00	77.42	5.99	4008	4.80	5.36	120.6	
	03/12/2019	GW	LF	G	215.00	76.31	5.94	2336	7.48	0.84	106.8	DO-ORP disparity[1]
	05/23/2019	GW	LF	G	215.00	82.29	6.19	1842	6.65	1.33	108.3	
	07/31/2019	GW	LF	G	215.00	81.12	5.48	4664	3.91	28.90	140.8	
	10/07/2019	GW	LF	G	215.00	79.15	6.07	2567	61.70	2.75	103.8	
	01/09/2020	GW	LF	G	215.00	74.28	4.97	4735	19.40	1.52	271.9	
LSZ57	12/23/2016	GW	LF	G	215.00	77.04	6.57	3473	6.88	6.08	82.0	
	03/13/2017	GW	LF	G	215.00	80.22	6.93	4784	6.71	7.19	1.5	
	07/19/2017	GW	LF	G	215.00	84.14	6.54	2413	7.36	1.32	21.3	
	05/10/2018	GW	LF	G	215.00	83.27	6.30	2880	7.15	4.73	-77.5	DO-ORP disparity[1]
	03/15/2019	GW	LF	G	215.00	71.72	5.97	3573	5.57	1.56	236.4	DO-ORP disparity[1]
	06/14/2019	GW	LF	G	215.00	82.62	5.55	4318	4.82	3.54	105.5	
	08/21/2019	GW	LF	G	215.00	79.15	6.11	7495	5.26	2.77	95.2	
	11/07/2019	GW	LF	G	215.00	80.27	6.23	5955	5.94	2.00	153.7	
	02/03/2020	GW	LF	G	215.00	64.70	6.28	6775	1.78	4.09	205.8	
LSZ58	12/22/2016	GW	LF	G	215.00	76.75	6.77	1249	8.09	6.17	114.2	

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (°F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
LSZ59	12/23/2016	GW	LF	G	215.00	76.79	6.42	3011	14.80	6.12	83.4	
	03/09/2017	GW	LF	G	215.00	79.27	6.83	4465	5.76	6.74	53.4	
	07/25/2017	GW	LF	G	215.00	81.83	6.53	1778	6.29	1.09	-152.4	COC sampling depth is 220'
	05/10/2018	GW	LF	G	215.00	84.26	4.93	2334	13.80	4.58	-40.3	
	03/22/2019	GW	LF	G	215.00	71.01	6.62	1475	18.20	4.41	117.4	
	06/18/2019	GW	LF	G	215.00	82.24	6.70	3543	11.20	2.22	109.3	
	08/27/2019	GW	LF	G	215.00	77.71	7.55	3568	46.90	1.99	95.8	
	11/25/2019	GW	LF	G	215.00	74.70	6.99	3380	13.80	1.92	218.7	
	02/11/2020	GW	LF	G	215.00	60.75	6.46	3660	4.16	5.79	262.0	
LSZ60	12/21/2016	GW	LF	G	215.00	78.45	6.99	919	6.13	5.39	67.0	
	03/15/2017	GW	LF	G	215.00	79.62	6.85	769	6.83	9.02	-237.5	DO-ORP disparity[1]
	08/10/2018	GW	LF	G	155.00	77.59	7.29	598	7.10	5.85	-32.0	DO-ORP disparity[1]
W11	09/07/2016	GW	LF	G	213.00	81.23	6.38	5010	4.98	1.92	136.8	
	10/28/2016	GW	LF	G	213.00	81.62	5.71	4515	4.58	2.48	-47.3	DO-ORP disparity[1]
	12/06/2016	GW	LF	G	213.00	74.01	6.23	4126	4.62	5.67	-82.6	DO-ORP disparity[1]
	01/27/2017	GW	LF	G	213.00	68.17	6.18	4430	7.61	NR	36.3	YSI issues with DO
	03/07/2017	GW	LF	G	213.00	76.50	6.60	4915	5.03	3.47	-303.9	DO-ORP disparity[1]
	11/10/2017	GW	LF	G	213.00	79.92	6.35	3642	3.18	5.12	-192.7	DO-ORP disparity[1]
	02/13/2019	GW	LF	G	213.00	72.80	6.46	5153	4.27	165.43	-293.4	YSI issue with DO%
	06/19/2019	GW	LF	G	213.00	85.58	6.65	7568	7.21	0.56	-335.1	
	08/28/2019	GW	LF	G	213.00	81.93	7.17	59.81	16.90	1.21	-300.7	
W12	01/08/2016	GW	LF	G	214.00	71.71	6.70	3568	1.13	1.89	89.5	
	02/04/2016	GW	LF	G	214.00	70.41	6.63	3538	2.07	2.58	57.7	
	03/08/2016	GW	LF	G	214.00	78.26	6.77	2244	6.70	0.48	-16.2	
	04/06/2016	GW	LF	G	214.00	82.09	6.72	3492	5.88	2.37	37.3	
	07/20/2016	GW	LF	G	214.00	83.57	6.49	3791	0.88	2.40	188.0	
	09/07/2016	GW	LF	G	214.00	82.19	6.48	3922	3.76	1.83	238.4	
	10/27/2016	GW	LF	G	214.00	83.12	6.05	3582	3.34	4.09	172.6	
	11/30/2016	GW	LF	G	214.00	77.21	6.67	3936	1.44	4.58	-9.4	DO-ORP disparity[1]
	01/31/2017	GW	LF	G	214.00	75.95	6.43	3258	3.71		215.1	
	02/28/2017	GW	LF	G	214.00	76.66	6.88	3831	0.56	0.51	65.5	
	11/06/2017	GW	LF	G	214.00	82.01	6.64	3565	2.92	4.50	82.7	
	08/08/2018	GW	LF	G	214.00	84.29	6.82	2509	6.20	4.81	89.7	
	11/02/2018	GW	LF	G	214.00	79.65	7.24	3510	0.97	3.96	551.2	
	02/11/2019	GW	LF	G	214.00	66.78	6.81	3769	1.91	2.62	351.2	DO-ORP disparity[1]
	06/05/2019	GW	LF	G	214.00	85.44	6.77	5044	0.72	1.95	-95.4	
	08/12/2019	GW	LF	G	214.00	83.76	7.67	4316	0.62	0.80	83.2	
	10/10/2019	GW	LF	G	214.00	75.00	6.35	4200	2.77	1.44	90.1	
	01/13/2020	GW	LF	G	214.00	73.13	6.61	3493	1.00	4.69	292.6	Only parameters taken, no sample
	01/20/2020	GW	LF	G	214.00	77.86	6.71	3472	1.42	2.29	174.2	

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (°F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
W24	01/08/2016	GW	LF	G	216.00	70.86	6.53	2235	5.97	2.46	-93.6	DO-ORP disparity[1]
	02/03/2016	GW	LF	G	216.00	74.33	7.13	2575	6.45	3.31	-81.8	DO-ORP disparity[1]
	03/07/2016	GW	LF	G	216.00	78.83	6.40	1578	5.13	0.98	-97.4	
	04/04/2016	GW	LF	G	216.00	83.25	6.88	2475	11.30	3.33	21.6	
	07/27/2016	GW	LF	G	216.00	86.16	5.72	2728	2.05	2.36	173.9	
	09/06/2016	GW	LF	G	216.00	84.34	6.72	2751	5.96	2.02	86.0	
	10/31/2016	GW	LF	G	216.00	83.46	NR	2415	5.90	0.71	5.0	YSI issues with pH sensor
	11/21/2016	GW	LF	G	216.00	79.13	6.59	2025	6.33	0.69	173.4	
	01/26/2017	GW	LF	G	216.00	73.94	6.42	2555	5.86	112.71	252.6	YSI issues with DO%
	03/03/2017	GW	LF	G	216.00	77.39	6.99	2886	8.10	2.38	63.3	
	04/18/2017	GW	LF	G	216.00	80.35	6.95	2734	0.53	1.15	189.8	
	06/08/2017	GW	LF	G	216.00	85.63	6.18	2173	3.17	0.71	154.2	
	07/28/2017	GW	LF	G	216.00	83.43	7.11	1188	6.15	0.64	115.9	
	11/06/2017	GW	LF	G	216.00	79.37	6.78	2475	1.69	4.99	172.3	
	07/27/2018	GW	LF	G	216.00	80.52	6.43	2704	1.11	70.70	206.2	YSI issue with DO
	11/05/2018	GW	LF	G	216.00	75.17	6.85	1980	1.87	3.99	-122.8	DO-ORP disparity[1]
	02/20/2019	GW	LF	G	216.00	70.77	6.12	2376	0.41	0.64	124.6	
	05/23/2019	GW	LF	G	216.00	78.50	5.86	1013	1.84	1.51	129.9	
	07/31/2019	GW	LF	G	216.00	84.62	6.84	2812	3.17	0.87	142.2	
	10/11/2019	GW	LF	G	216.00	71.31	5.97	2674	3.61	1.87	137.9	
	01/20/2020	GW	LF	G	216.00	77.60	5.06	2360	10.2	0.35	179.7	
W29	11/29/2016	GW	LF	G	215.00	71.24	6.67	1714	26.40	4.39	132.7	
	11/14/2017	GW	LF	G	215.00	78.31	6.35	1413	43.90	4.44	187.1	DO-ORP disparity[1]
	11/07/2018	GW	LF	G	215.00	74.44	6.76	1415	14.70	5.97	-122.6	DO-ORP disparity[1]
	11/19/2019	GW	LF	G	215.00	77.05	6.25	2290	95.50	3.42	162.0	
W30	01/11/2016	GW	LF	G	216.00	75.23	6.64	2141	2.03	2.42	-196.0	DO-ORP disparity[1]
	02/05/2016	GW	LF	G	216.00	74.67	5.79	1870	3.11	2.52	-33.2	
	03/09/2016	GW	LF	G	216.00	80.34	6.72	1501	3.93	1.85	-248.0	DO-ORP disparity[1]
	04/07/2016	GW	LF	G	216.00	82.70	6.67	2364	5.81	2.92	-182.4	DO-ORP disparity[1]
	07/20/2016	GW	LF	G	216.00	89.16	6.09	2377	10.90	2.26	54.7	
	09/12/2016	GW	LF	G	216.00	86.13	6.14	2526	4.98	3.36	108.6	
	10/28/2016	GW	LF	G	216.00	84.08	5.55	2197	5.15	3.37	-19.1	
	12/02/2016	GW	LF	G	216.00	79.10	6.38	2427	3.53	4.24	-208.7	DO-ORP disparity[1]
	01/24/2017	GW	LF	G	216.00	78.10	5.60	2744	5.78	3.93	50.2	
	03/06/2017	GW	LF	G	216.00	77.78	6.44	2458	3.97	2.98	-270.9	DO-ORP disparity[1]
	07/19/2017	GW	LF	G	216.00	87.16	6.18	1349	5.22	2.50	-169.9	
	11/09/2017	GW	LF	G	216.00	83.97	6.24	2412	4.17	4.81	-180.4	DO-ORP disparity[1]
	06/19/2019	GW	LF	G	216.00	86.82	6.93	35680	14.10	0.33	-328.0	
	08/28/2019	GW	LF	G	216.00	89.23	8.10	18011	34.30	0.83	-236.2	
	11/11/2019	GW	LF	G	216.00	82.51	7.45	6630	23.70	0.36	-334.7	
	02/06/2020	GW	LF	G	216.00	53.95	7.23	3777	30.80	1.40	-158.3	

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (°F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
W34	01/07/2016	GW	LF	G	214.00	70.42	6.87	1490	4.07	2.41	-19.1	
	02/04/2016	GW	LF	G	214.00	77.09	6.82	2228	9.70	2.72	-18.1	
	03/08/2016	GW	LF	G	214.00	80.92	7.03	1259	5.90	0.41	-86.8	
	04/07/2016	GW	LF	G	214.00	81.37	6.82	2103	2.99	3.51	28.6	
	07/19/2016	GW	LF	G	214.00	90.07	6.61	3182	4.02	2.25	208.0	
	08/30/2016	GW	LF	G	214.00	89.50	6.84	3703	6.18	1.47	209.7	
	10/25/2016	GW	LF	G	214.00	82.68	7.15	3283	6.87	3.19	238.2	
	11/28/2016	GW	LF	G	214.00	79.10	6.93	4378	4.02	4.81	82.3	
	01/24/2017	GW	LF	G	214.00	75.33	6.58	5138	2.08	4.31	212.2	
	03/01/2017	GW	LF	G	214.00	78.96	7.15	4616	10.20	0.70	94.8	
	04/19/2017	GW	LF	G	214.00	80.87	6.87	4053	3.62	0.68	229.4	
	06/05/2017	GW	LF	G	214.00	85.28	6.59	5103	6.88	3.11	94.8	
	07/18/2017	GW	LF	G	214.00	84.61	6.47	2390	3.82	0.63	-10.5	
	11/03/2017	GW	LF	G	214.00	80.74	6.70	3948	15.20	5.16	199.2	
	07/26/2018	GW	LF	G	214.00	86.96	4.94	5247	5.12	4.42	212.3	
	10/31/2018	GW	LF	G	214.00	84.03	4.11	5129	3.89	0.73	181.4	DO-ORP disparity[1]
	02/25/2019	GW	LF	G	214.00	77.20	4.95	5124	4.72	0.41	199.9	DO-ORP disparity[1]
	06/06/2019	GW	LF	G	214.00	83.60	4.88	4949	5.29	0.33	128.4	
	08/13/2019	GW	LF	G	214.00	83.12	4.44	4475	7.79	1.01	72.9	
	10/17/2019	GW	LF	G	214.00	75.42	5.02	5003	1.17	3.61	176.0	
	01/24/2020	GW	LF	G	214.00	79.24	4.36	5567	2.42	0.70		
W35	12/01/2016	GW	LF	G	210.00	74.81	5.41	1161	1.14	5.09	196.9	
	11/09/2017	GW	LF	G	210.00	81.88	6.53	1174	1.13	5.20	44.4	
	11/18/2019	GW	LF	G	215.00	81.71	6.20	1464	1.17	4.96	45.9	
W36	02/24/2016	GW	LF	G	215.00	109.95	8.04	2830	3.11	0.91	-172.3	
	03/09/2016	GW	LF	G	215.00	112.49	6.73	3147	9.90	0.55	-252.1	
	04/07/2016	GW	LF	G	215.00	102.87	6.78	4284	5.00	1.52	-148.6	
	07/25/2016	GW	LF	G	215.00	108.78	6.52	4970	4.33	0.94	-54.5	
	08/31/2016	GW	LF	G	215.00	105.67	6.49	5069	2.01	1.16	-51.1	
	11/01/2016	GW	LF	G	215.00	99.62	6.58	4172	4.87	0.97	-106.2	
	11/30/2016	GW	LF	G	215.00	100.26	6.50	4899	4.23	1.99	-221.3	DO-ORP disparity[1]
	01/24/2017	GW	LF	G	215.00	101.05	6.08	5258	2.07	1.73	-65.3	
	03/06/2017	GW	LF	G	215.00	98.73	6.57	4434	2.97	2.53	-285.1	DO-ORP disparity[1]
	04/17/2017	GW	LF	G	215.00	105.56	6.46	4399	1.87	0.27	-213.4	
	06/07/2017	GW	LF	G	215.00	108.21	6.94	3607	2.86	0.22	-219.5	
	07/27/2017	GW	LF	G	215.00	109.52	6.78	1848	4.80	0.95	-219.4	
	11/09/2017	GW	LF	G	215.00	107.09	6.55	3855	4.01	2.15	-183.2	DO-ORP disparity[1]
	03/14/2019	GW	LF	G	215.00	98.90	6.42	2754	1.80	0.14	-205.3	
	05/29/2019	GW	LF	G	215.00	102.30	6.35	6700	2.58	0.69	-183.3	
	08/02/2019	GW	LF	G	215.00	103.93	6.27	6406	1.02	0.53	103.2	
	10/08/2019	GW	LF	G	215.00	84.90	7.05	5038	3.46	1.28	-103.1	
	11/09/2019	GW	LF	G	215.00	91.31	6.95	5383	3.33	0.65	-139.9	
	01/27/2020	GW	DP	G	N/A	95.30	4.36	5014	1.48	0.72	27.2	

Location	Sample Date (mm/dd/yyyy)	Sample Matrix	Sample Method	Grab or Composite	Sampling Depth (BTOC)	Sample Temp. (°F)	Field pH	Conductivity (µs/cm)	Tubidity (NTU)	Dissolved Oxygen (mg/L)*	ORP(mV)	Notes
W37	07/27/2016	GW	LF	G	214.00	83.56	5.97	2531	9.52	2.22	93.1	
	08/31/2016	GW	LF	G	214.00	84.72	6.39	5897	1.25	4.76	206.6	
	09/13/2016	GW	LF	G	214.00	88.53	5.67	2616	7.05	1.51	143.8	
	11/02/2016	GW	LF	G	214.00	78.70	5.84	1919	5.27	0.61	-63.3	
	12/06/2016	GW	LF	G	214.00	76.15	5.88	1882	2.20	4.31	19.3	
	02/06/2017	GW	LF	G	214.00	75.76	6.25	1535	10.90	1.14	-66.7	
	03/08/2017	GW	LF	G	214.00	75.02	6.13	2095	4.31	6.21	-96.4	DO-ORP disparity[1]
	07/21/2017	GW	LF	G	214.00	88.02	5.92	1021	5.17	2.31	-28.3	COC sampling depth is 215'
	11/10/2017	GW	LF	G	214.00	81.00	6.19	1597	3.12	4.22	-34.5	DO-ORP disparity[1]
	03/22/2019	GW	LF	G	214.00	67.88	6.42	1397	3.61	2.45	-29.4	
	07/01/2019	GW	LF	G	214.00	99.49	5.93	14175	12.10	0.34	-64.0	
	09/04/2019	GW	LF	G	214.00	81.06	7.75	8641	9.20	-0.02	-263.2	
	11/04/2019	GW	LF	G	214.00	77.59	6.86	4076	5.12	1.92	-274.7	
	02/03/2020	GW	LF	G	214.00	62.27	7.11	5791	2.91	0.77	-195.2	
W38	01/07/2016	GW	LF	G	215.00	67.57	6.80	3424	0.97	2.60	25.0	
	02/03/2016	GW	LF	G	215.00	75.59	6.98	4422	3.11	3.16	25.5	
	03/03/2016	GW	LF	G	215.00	81.24	6.86	4091	2.95	0.79	-95.8	
	04/05/2016	GW	LF	G	215.00	81.39	6.79	3911	1.83	2.57	32.9	
	07/25/2016	GW	LF	G	215.00	88.44	6.61	4494	0.97	2.18	237.2	
	09/09/2016	GW	LF	G	215.00	86.82	6.69	4669	3.86	1.73	92.9	
	10/26/2016	GW	LF	G	215.00	86.40	6.53	4094	3.96	1.94	83.5	
	11/29/2016	GW	LF	G	215.00	78.68	6.85	4412	2.57	4.97	45.6	
	02/06/2017	GW	LF	G	215.00	76.86	6.94	2975	1.92	0.15	-5.7	
	03/02/2017	GW	LF	G	215.00	80.50	6.32	4100	4.32	0.68	-35.4	
	07/19/2017	GW	LF	G	215.00	83.01	6.82	2116	2.57	0.50	55.0	
	11/08/2017	GW	LF	G	215.00	82.46	6.85	3901	2.07	5.14	-21.8	pH-ORP disparity
	07/30/2018	GW	LF	G	215.00	85.02	6.88	3756	1.01	4.63	148.1	
	11/01/2018	GW	LF	G	215.00	81.65	5.49	4112	1.71	1.32	144.9	DO-ORP disparity[1]
	03/11/2019	GW	LF	G	215.00	72.46	5.79	2432	1.51	0.73	-29.1	
	06/13/2019	GW	LF	G	215.00	81.85	6.89	4035	0.80	0.26	25.3	
	08/20/2019	GW	LF	G	215.00	81.99	7.42	5053	0.69	1.29	30.1	
	10/24/2019	GW	LF	G	215.00	86.97	6.70	5450	3.10	0.27	70.1	
	01/23/2020	GW	LF	G	215.00	75.35	7.20	4482	1.62	0.41	103.7	

* 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.

[3] Maximum temperature (in °F) prior to taking YSI parameters and samples from tubing line run through ice bath.