

Appendix 18 : 2020 Calibration Data

Dissolved Oxygen Standard 100		Sample Date	2/7/2020	2/9/2020	3/14/2020	3/15/2020	3/21/2020	3/22/2020	4/5/2020	4/26/2020	5/3/2020	5/4/2020	6/7/2020	7/12/2020
Parameter	Unit													
Dissolved Oxygen, field measured	%	Initial	92.2	99.4	100.2	99.1	100.3	98.09	101	97.4	110	95.5	95	90.3
Dissolved Oxygen, field measured	%	Final	100	99.8	100	100.2	100.2	99.9	99.8	99.9	100.5	100.5	100	99.8

pH Standard 4		Sample Date	2/7/2020	2/9/2020	3/14/2020	3/15/2020	3/21/2020	3/22/2020	4/5/2020	4/26/2020	5/3/2020	5/4/2020	6/7/2020	7/12/2020
Parameter	Unit													
pH, field measured	pH units	Initial	4	4.07	3.87	4.09	3.92	4.07	4.07	4.11	3.95	3.95	4.02	3.81
pH, field measured	pH units	Final	4.03	4.01	4.01	4.1	4	4	3.99	4	4	4	4	3.95

pH Standard 7		Sample Date	2/7/2020	2/9/2020	3/14/2020	3/15/2020	3/21/2020	3/22/2020	4/5/2020	4/26/2020	5/3/2020	5/4/2020	6/7/2020	7/12/2020
Parameter	Unit													
pH, field measured	pH units	Initial	7.08	7.03	7.16	7.04	6.94	7.03	7.09	7.15	6.96	6.94	7.08	6.84
pH, field measured	pH units	Final	6.96	7	7	7.03	7	7	6.98	7.01	7.01	7.01	7.02	7.01

pH Standard 10		Sample Date	2/7/2020	2/9/2020	3/14/2020	3/15/2020	3/21/2020	3/22/2020	4/5/2020	4/26/2020	5/3/2020	5/4/2020	6/7/2020	7/12/2020
Parameter	Unit													
pH, field measured	pH units	Initial	10.04	-	9.94	10.01	10.01	10.02	9.95	10.39	9.97	9.93	10	10.29
pH, field measured	pH units	Final	10	-	9.99	10	10	10	10	10	10	10	9.98	9.99

Conductivity Standard 1413		Sample Date	2/9/2020	3/15/2020	3/21/2020	4/5/2020	4/26/2020	5/3/2020	5/4/2020	6/7/2020	7/12/2020
Parameter	Unit										
Conductivity, field measured	uS/cm	Initial	1367	1478	1403	1514	1254	1398	1417	1425	1397
Conductivity, field measured	uS/cm	Final	1412	1413	1413	1416	1413	1413	1413	1413	1413

Conductivity Standard 12880		Sample Date	2/7/2020	3/14/2020	3/22/2020
Parameter	Unit				
Conductivity, field measured	uS/cm	Initial	12850	11600	12720
Conductivity, field measured	uS/cm	Final	12880	12875	12880

EUREKA

Conductivity Standard 1413		Sample Date	6/5/2020
Parameter	Unit		
Conductivity, field measured	uS/cm	Initial	1841
Conductivity, field measured	uS/cm	Final	1413

EUREKA T1

Conductivity Standard 1413		Sample Date	6/5/2020
Parameter	Unit		
Conductivity, field measured	uS/cm	Initial	1324
Conductivity, field measured	uS/cm	Final	1413

EUREKA T2

Conductivity Standard 1413		Sample Date	6/5/2020
Parameter	Unit		
Conductivity, field measured	uS/cm	Initial	1413
Conductivity, field measured	uS/cm	Final	1412

EUREKA T3

Dissolved Oxygen Standard 100		Sample Date	3/3/2020	7/20/2020	8/15/2020	11/5/2020	11/22/2020	11/28/2020	11/29/2020	11/30/2020	12/5/2020
Parameter	Unit										
Dissolved Oxygen, field measured	%	Initial	100.9	101.1	96.8	0	101	102.4	99.5	98.2	0
Dissolved Oxygen, field measured	%	Final	99.7	99.9	100	0	100.2	100	99.5	99.9	0

pH Standard 4		Sample Date	3/3/2020	7/20/2020	8/15/2020	11/5/2020	11/22/2020	11/28/2020	11/29/2020	11/30/2020	12/5/2020
Parameter	Unit										
pH, field measured	pH units	Initial	3.87	3.97	4.09	4.07	4.28	3.75	3.97	4.17	3.98
pH, field measured	pH units	Final	4	4	4	4	3.95	4	4.01	3.94	4

pH Standard 7		Sample Date	3/3/2020	7/20/2020	8/15/2020	11/5/2020	11/22/2020	11/28/2020	11/29/2020	11/30/2020	12/5/2020
Parameter	Unit										
pH, field measured	pH units	Initial	6.93	6.96	7.05	7.07	7.23	6.8	6.9	7.07	6.98
pH, field measured	pH units	Final	6.96	7	7	7	6.96	7	7.04	7.05	7

pH Standard 10		Sample Date	3/3/2020	7/20/2020	8/15/2020	11/5/2020	11/22/2020	11/28/2020	11/29/2020	11/30/2020	12/5/2020
Parameter	Unit										
pH, field measured	pH units	Initial	10.11	10	10.03	10.01	10.1	9.94	9.92	10.1	9.9
pH, field measured	pH units	Final	9.96	10	10.01	10.01	10	10	10.01	10	10

Conductivity Standard 1413		Sample Date	3/3/2020	7/17/2020	7/20/2020	8/15/2020	11/28/2020	11/30/2020	12/5/2020
Parameter	Unit								
Conductivity, field measured	uS/cm	Initial	1489	1963	1406	1403	1441	1409	1472
Conductivity, field measured	uS/cm	Final	1412	1413	1413	1413	1412	1413	1413

Conductivity Standard 5000		Sample Date	11/22/2020
Parameter	Unit		
Conductivity, field measured	uS/cm	Initial	4859
Conductivity, field measured	uS/cm	Final	5000

Conductivity Standard 18880		Sample Date	11/29/2020
Parameter	Unit		
Conductivity, field measured	uS/cm	Initial	12980
Conductivity, field measured	uS/cm	Final	12870

MANTA 30+

pH Standard 4		Sample Date	3/8/2020	4/19/2020
Parameter	Unit			
pH, field measured	pH units	Initial	4.53	3.85
pH, field measured	pH units	Final	4.01	4

pH Standard 7		Sample Date	3/8/2020	4/19/2020
Parameter	Unit			
pH, field measured	pH units	Initial	7.28	7.07
pH, field measured	pH units	Final	7.04	7.04

pH Standard 10		Sample Date	3/8/2020	4/19/2020
Parameter	Unit			
pH, field measured	pH units	Initial	10.11	9.41
pH, field measured	pH units	Final	9.97	10.03

Conductivity Standard 1413		Sample Date	3/8/2020	4/19/2020	6/22/2020
Parameter	Unit				
Conductivity, field measured	uS/cm	Initial	1435	1583	1583
Conductivity, field measured	uS/cm	Final	1411	1428	1413

OKATON PCS4

pH Standard 4		Sample Date	1/5/2020	3/29/2020
Parameter	Unit			
pH, field measured	pH units	Initial	3.61	4.34
pH, field measured	pH units	Final	4	4

pH Standard 7		Sample Date	1/5/2020	3/29/2020
Parameter	Unit			
pH, field measured	pH units	Initial	6.91	7.68
pH, field measured	pH units	Final	7.02	7.01

pH Standard 10		Sample Date	1/5/2020	3/29/2020
Parameter	Unit			
pH, field measured	pH units	Initial	10.04	10.05
pH, field measured	pH units	Final	9.59	10.22

Conductivity Standard 1413		Sample Date	1/5/2020	3/29/2020
Parameter	Unit			
Conductivity, field measured	uS/cm	Initial	1722	1505
Conductivity, field measured	uS/cm	Final	1413	1414

OAKTON PCS 5

pH Standard 4		Sample Date	6/10/2020
Parameter	Unit		
pH, field measured	pH units	Initial	3.85
pH, field measured	pH units	Final	4

pH Standard 7		Sample Date	6/10/2020
Parameter	Unit		
pH, field measured	pH units	Initial	6.95
pH, field measured	pH units	Final	7.01

pH Standard 10		Sample Date	6/10/2020
Parameter	Unit		
pH, field measured	pH units	Initial	9.91
pH, field measured	pH units	Final	10.04

Conductivity Standard 1413		Sample Date	6/21/2020
Parameter	Unit		
Conductivity, field measured	uS/cm	Initial	1352
Conductivity, field measured	uS/cm	Final	1414

OAKTON PCS 6

pH Standard 4		Sample Date	2/2/2020
Parameter	Unit		
pH, field measured	pH units	Initial	4.23
pH, field measured	pH units	Final	3.99

pH Standard 7		Sample Date	2/2/2020
Parameter	Unit		
pH, field measured	pH units	Initial	6.8
pH, field measured	pH units	Final	7.01

pH Standard 10		Sample Date	2/2/2020
Parameter	Unit		
pH, field measured	pH units	Initial	9.63
pH, field measured	pH units	Final	10.03

OAKTON PCS 3

Dissolved Oxygen Standard 100		Sample Date	1/2/2020	1/6/2020	3/1/2020	6/11/2020	6/15/2020	6/18/2020	6/19/2020	6/20/2020	6/21/2020	6/23/2020	6/27/2020	6/28/2020	7/19/2020	7/22/2020	7/23/2020	7/24/2020	7/27/2020	7/28/2020	7/29/2020	8/2/2020	8/4/2020	8/9/2020	8/12/2020	8/24/2020	8/29/2020	9/6/2020	9/6/2020	9/7/2020	9/8/2020	9/11/2020	9/12/2020	9/13/2020	9/15/2020	9/21/2020	10/26/2020	11/3/2020	1/1/2021			
Parameter	Unit																																									
Dissolved Oxygen, field measured	%	Initial	98.1	98.2	98.8	99.1	100	99.7	99	99	99.1	99.2	98	98.8	99.9	99	99.7	99.3	99	99.3	99.2	99.8	99.8	99.6	100.01	99.7	99	98.1	98.7	99.7	99.8	99.5	100.2	102.3	99	99.9	96.3	99				
Dissolved Oxygen, field measured	%	Final	97.4	94.2	100.3	98.1	99.9	97.9	95.7	106.6	96.4	95.2	75.4	110.2	104.9	99.5	99.5	100.6	97.9	99.4	99.8	99.8	95.5	102.6	98.5	97.8	95.8	103.8	99.1	92.1	102.8	95.6	99.9	101.7	118.2	99.7	98.9	110.3				

pH Standard 4		Sample Date	1/2/2020	1/6/2020	1/11/2020	1/12/2020	3/1/2020	6/13/2020	6/15/2020	6/18/2020	6/19/2020	6/20/2020	6/21/2020	6/22/2020	6/27/2020	6/28/2020	7/19/2020	7/22/2020	7/23/2020	7/24/2020	7/27/2020	7/28/2020	7/29/2020	8/2/2020	8/4/2020	8/9/2020	8/12/2020	8/24/2020	8/29/2020	9/6/2020	9/6/2020	9/7/2020	9/8/2020	9/11/2020	9/12/2020	9/13/2020	9/15/2020	9/21/2020	10/26/2020	11/3/2020	1/1/2021	
Parameter	Unit																																									
pH, field measured	pH units	Initial	3.9	4.05	3.92	4.04	4.34	4.05	4.01	4.08	3.98	4.06	4.06	3.96	3.82	4.02	4.01	3.96	4.09	4.14	4.08	4.07	4.09	4.01	4.03	4.2	3.89	4.17	4.16	3.95	4.03	4.23	4.02	4.11	3.95	4.64	4.04	3.96	4.03	4.14	4.22	3.98
pH, field measured	pH units	Final	3.96	4	3.99	4	3.98	4	4	4	4	4	4	4.02	3.99	4	4	4.02	4.01	4	4	4	4	4	4.03	3.99	4	4.01	3.99	4	4.01	4	4	4.01	4.03	4	4	4	3.98	3.96	4	

pH Standard 7		Sample Date	1/2/2020	1/6/2020	1/11/2020	1/12/2020	3/1/2020	6/13/2020	6/15/2020	6/18/2020	6/19/2020	6/20/2020	6/21/2020	6/22/2020	6/27/2020	6/28/2020	7/19/2020	7/22/2020	7/23/2020	7/24/2020	7/27/2020	7/28/2020	7/29/2020	8/2/2020	8/4/2020	8/9/2020	8/12/2020	8/24/2020	8/29/2020	9/6/2020	9/6/2020	9/7/2020	9/8/2020	9/11/2020	9/12/2020	9/13/2020	9/15/2020	9/21/2020	10/26/2020	11/3/2020	1/1/2021			
Parameter	Unit																																											
pH, field measured	pH units	Initial	7.01	7.1	7.21	7.21	7.43	6.88	6.98	7.09	6.98	7	7.01	6.97	6.91	7.01	6.98	7.1	7.09	7.02	6.94	6.99	7.01	6.88	6.85	6.84	7.19	7.16	6.93	7.02	7.17	6.78	7.04	7.04	6.42	6.97	6.99	6.92	6.98	6.34	6.89			
pH, field measured	pH units	Final	7	7	7	7	7.13	7	7	7	7	7	7	7	7	7.06	7	7	7.01	7.01	7	7.01	7	7	7.02	7.01	7.01	7.01	7.01	7	7.01	7.01	7.01	7	7.01	7.01	7.01	7	6.99	7.01	7.1	7	7.08	7

pH Standard 10		Sample Date	1/2/2020	1/6/2020	1/11/2020	1/12/2020	3/1/2020	6/13/2020	6/15/2020	6/18/2020	6/19/2020	6/20/2020	6/21/2020	6/22/2020	6/27/2020	6/28/2020	7/19/2020	7/22/2020	7/23/2020	7/24/2020	7/27/2020	7/28/2020	7/29/2020	8/2/2020	8/4/2020	8/9/2020	8/12/2020	8/24/2020	8/29/2020	9/6/2020	9/6/2020	9/7/2020	9/8/2020	9/11/2020	9/12/2020	9/13/2020	9/15/2020	9/21/2020	10/26/2020	11/3/2020	1/1/2021	
Parameter	Unit																																									
pH, field measured	pH units	Initial	9.83	9.91	-	9.6	10.12	10.07	10.12	10.03	10.05	10.01	10.02	10.01	10.17	10.06	9.86	10.11	10.03	10.03	10	9.97	10.02	10.14	9.95	9.83	10.12	10.15	9.94	10.01	10.1	9.87	10.05	10.03	9.41	10.01	10.3	10	10.06	1.05	9.89	
pH, field measured	pH units	Final	10	10	-	10	9.98	10	10	10	10	10	10	10	10.05	10.03	10	10.01	10.01	10	10.01	10.01	10	9.97	10	10.02	10	10.01	10.01	10.01	10	10.01	10.01	10.01	10	10.01	10.02	10.4	10.03	10.02	10.15	10.03

Conductivity Standard 12.88		Sample Date	1/2/2020																																							
Parameter	Unit																																									
Conductivity, field measured	uS/cm	Initial																																								
Conductivity, field measured	uS/cm	Final																																								

Conductivity Standard 1413		Sample Date	1/6/2020	1/11/2020	1/12/2020	3/1/2020	5/1/2020	5/28/2020	6/15/2020	6/18/2020	6/19/2020	6/20/2020	6/21/2020	6/22/2020	6/27/2020	6/28/2020	7/19/2020	7/22/2020	7/23/2020	7/24/2020	7/27/2020	7/28/2020	7/29/2020	8/2/2020	8/4/2020	8/9/2020	8/12/2020	8/24/2020	8/29/2020	9/6/2020	9/6/2020	9/7/2020	9/8/2020	9/11/2020	9/12/2020	9/13/2020	9/15/2020	9/21/2020	10/26/2020	11/3/2020	1/1/2021		
Parameter	Unit																																										
Conductivity, field measured	uS/cm	Initial	1377	1372	1297	1349	1382	1407	1405	1375	1467	1409	1414	1402	1415	1391	1432	1353	1409	1423	1436	1382	1408	1409	1402	1404	1420	1387	1417	1461	1348	1450	1334	1338	1500	1312	693	1425	1446	1314	795		
Conductivity, field measured	uS/cm	Final	1413	1413	1413	1413	1413	1413	1413	1413	1414	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1414	1413	1418	1413	1413	1412	1413	1413	1412	1413	1413	1416	1399	1413	1413	1414	1413	

Conductivity Standard 12880		Sample Date	8/12/2020	8/15/2020																																						
Parameter	Unit																																									
Conductivity, field measured	uS/cm	Initial	13021	13750																																						
Conductivity, field measured	uS/cm	Final	12885	12882																																						

Dissolved Oxygen Standard 100		Sample Date	2/2/2020	2/7/2020	5/24/2020	5/27/2020	5/30/2020	5/31/2020	6/1/2020	6/3/2020	6/5/2020	6/8/2020	6/11/2020	6/12/2020	6/13/2020	6/14/2020	6/16/2020	6/17/2020	7/7/2020	7/8/2020	7/12/2020	7/20/2020	7/21/2020	7/26/2020	7/29/2020	8/2/2020	8/9/2020	8/9/2020	8/10/2020	8/13/2020	8/15/2020	8/16/2020	8/18/2020	8/19/2020	9/3/2020	9/7/2020	9/12/2020	9/27/2020	10/9/2020	11/5/2020	11/14/2020
Parameter	Unit		Initial																																						
Dissolved Oxygen, field measured	%	Final	92	115.5	97.09	96	81	129	118	94.1	103.4	96.3	99.7	101.5	96.2	12.4	105.6	104.7	87.5	84.9	100.7	99.09	101	107	102.5	98.8	99.4	99.1	98.9	97.6	98.7	96.7	104.8	95	95.4	102.2	98.7	104	90.2		
Dissolved Oxygen, field measured	%	Final	97.5	97.5	99.8	99.6	99.7	99.6	99.9	99.8	100	100.6	100	100.1	99.3	100	99.3	99.1	96.9	98.2	95.4	96.7	100	99.7	99.1	99.9	98.2	98.5	99.7	97.8	97.4	99.3	98.7	97.6	99.6	98.6	99.2	100	98.2	99.2	

pH Standard 4		Sample Date	2/2/2020	2/7/2020	5/24/2020	5/27/2020	5/30/2020	5/31/2020	6/1/2020	6/3/2020	6/5/2020	6/8/2020	6/11/2020	6/12/2020	6/13/2020	6/14/2020	6/16/2020	6/17/2020	7/8/2020	7/12/2020	7/20/2020	7/21/2020	7/26/2020	7/29/2020	8/2/2020	8/9/2020	8/9/2020	8/10/2020	8/13/2020	8/15/2020	8/16/2020	8/18/2020	8/19/2020	9/3/2020	9/7/2020	9/12/2020	9/27/2020	10/9/2020	11/5/2020	11/14/2020	
Parameter	Unit		Initial																																						
pH, field measured	pH units	Initial	4.13	3.47	4.27	3.94	4.1	4	3.98	4.16	4.02	4.04	4.07	4.03	3.93	4	4.04	4.01	4.01	4.2	3.3	4.02	3.72	4.12	4	4.01	3.96	3.83	4.35	3.87	4.05	3.99	4.04	4.06	3.77	3.97	4.08	3.93	4.07	4.05	
pH, field measured	pH units	Final	3.98	4.05	4	4	4.01	3.98	4	4.01	4	4	4	4	4	4	4	4	4	4	3.96	4	4	4	4	4	4.01	4.01	4	4	4	4	4.01	4.01	4.01	4.01	4	3.99	4.03		

pH Standard 7		Sample Date	2/2/2020	2/7/2020	5/24/2020	5/27/2020	5/30/2020	5/31/2020	6/1/2020	6/3/2020	6/5/2020	6/8/2020	6/11/2020	6/12/2020	6/13/2020	6/14/2020	6/16/2020	6/17/2020	7/8/2020	7/12/2020	7/20/2020	7/21/2020	7/26/2020	7/29/2020	8/2/2020	8/9/2020	8/9/2020	8/10/2020	8/13/2020	8/15/2020	8/16/2020	8/18/2020	8/19/2020	9/3/2020	9/7/2020	9/12/2020	9/27/2020	10/9/2020	11/5/2020	11/14/2020	
Parameter	Unit		Initial																																						
pH, field measured	pH units	Initial	7.08	6.96	7.18	7.1	6.73	6.87	6.91	7.29	7.04	7.06	7.06	7.01	7.06	7.05	7.01	6.96	7.06	7.05	6.93	7.01	6.46	6.98	7.03	6.98	6.9	6.76	6.96	6.98	7.03	6.99	7.06	7	6.84	6.94	7.1	6.91	6.88	7.1	
pH, field measured	pH units	Final	7	7.02	7.01	7.01	7.08	7.02	7.03	7	7.06	7	7	7	7	7	7	7.01	7.02	7	7.03	7	7.04	7.01	7.01	6.99	7	6.99	7.03	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.01	7.04	7.2

pH Standard 10		Sample Date	2/2/2020	2/7/2020	5/24/2020	5/27/2020	5/30/2020	5/31/2020	6/1/2020	6/3/2020	6/5/2020	6/8/2020	6/11/2020	6/12/2020	6/13/2020	6/14/2020	6/16/2020	6/17/2020	7/8/2020	7/12/2020	7/20/2020	7/21/2020	7/26/2020	7/29/2020	8/2/2020	8/9/2020	8/9/2020	8/10/2020	8/13/2020	8/15/2020	8/16/2020	8/18/2020	8/19/2020	9/3/2020	9/7/2020	9/12/2020	9/27/2020	10/9/2020	11/5/2020	11/14/2020	
Parameter	Unit		Initial																																						
pH, field measured	pH units	Initial	9.75	9.92	9.97	10.08	9.85	9.64	9.73	10.11	10.03	9.96	9.83	9.76	10.09	10.02	10.01	10.03	10.1	9.96	10.1	10	9.89	99.9	10.11	10.02	9.94	89.82	10.09	10.1	10.09	10.05	10.15	10	9.95	10.04	10.1	9.98	9.99	10.14	
pH, field measured	pH units	Final	10	10	10.05	10	10.05	10.07	1411	9.96	10.06	10	10	10	10	10	10	10.02	10.01	10	10.03	9.99	10.03	10	10.02	10.02	10	10.03	10	10.02	10.02	10.01	10.02	10.01	10.02	10.01	10.02	10.01	10.02	10.01	10.03

Conductivity Standard 1413		Sample Date	2/2/2020	2/7/2020	5/24/2020	5/27/2020	5/30/2020	5/31/2020	6/1/2020	6/3/2020	6/5/2020	6/8/2020	6/10/2020	6/10/2020	6/11/2020	6/12/2020	6/13/2020	6/14/2020	6/16/2020	6/17/2020	7/7/2020	7/8/2020	7/20/2020	7/21/2020	7/26/2020	7/29/2020	8/9/2020	8/9/2020	8/10/2020	8/13/2020	8/15/2020	8/16/2020	8/18/2020	8/19/2020	9/3/2020	9/7/2020	9/12/2020	9/27/2020	10/9/2020	11/5/2020	11/14/2020
Parameter	Unit		Initial																																						
Conductivity, field measured	uS/cm	Initial	993	1226	1391	1433	1440	1342	1390	1512	1336	1415	1413	1412	1409	1416	1414	1391	1437	1411	1408	1378	1331	1336	1419	1383	1419	1455	1406	1412	1403	1425	1375	1481	1291	1340	1462				
Conductivity, field measured	uS/cm	Final	1407	1411	1412	1413	1413	1409	1411	1413	1410	1413	1413	1413	1413	1413	1413	1414	1413	1414	1413	1413	1415	1413	1412	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1413	1412	1414	

Conductivity Standard 5000		Sample Date	8/2/2020
Parameter	Unit		
Conductivity, field measured	uS/cm	Initial	
Conductivity, field measured	uS/cm	Final	

Conductivity Standard 12880		Sample Date	7/12/2020	8/3/2020	8/15/2020	8/16/2020	8/18/2020	8/31/2020
Parameter	Unit		Initial					
Conductivity, field measured	uS/cm	Initial	12887	13473	12926	12879	12817	13025
Conductivity, field measured	uS/cm	Final	12880	12880	12880	12880	12880	12881

Dissolved Oxygen Standard 100		Sample Date	9/17/2020	9/18/2020	9/21/2020	10/2/2020	10/14/2020
Parameter	Unit						
Dissolved Oxygen, field measured	%	Initial	98	97.4	97.5	99	94.8
Dissolved Oxygen, field measured	%	Final	99.2	99.1	99.9	99.7	96

pH Standard 4		Sample Date	9/17/2020	9/18/2020	9/21/2020	10/2/2020	10/14/2020
Parameter	Unit						
pH, field measured	pH units	Initial	4.09	4.12	3.95	3.7	4.02
pH, field measured	pH units	Final	4.02	4.02	4	4	4

pH Standard 7		Sample Date	9/17/2020	9/18/2020	9/21/2020	10/2/2020	10/14/2020
Parameter	Unit						
pH, field measured	pH units	Initial	6.98	7.03	6.94	6.77	7.01
pH, field measured	pH units	Final	7	7	7.02	7	7

pH Standard 10		Sample Date	9/17/2020	9/18/2020	9/21/2020	10/2/2020	10/14/2020
Parameter	Unit						
pH, field measured	pH units	Initial	10.05	10.07	9.93	9.92	10.02
pH, field measured	pH units	Final	10.02	10.01	10.04	10	10

Conductivity Standard 1413		Sample Date	9/21/2020	10/14/2020
Parameter	Unit			
Conductivity, field measured	uS/cm	Initial	1631	1424
Conductivity, field measured	uS/cm	Final	1413	1413

Conductivity Standard 5000		Sample Date	10/2/2020
Parameter	Unit		
Conductivity, field measured	uS/cm	Initial	4782
Conductivity, field measured	uS/cm	Final	5000

Conductivity Standard 12880		Sample Date	9/17/2020	9/18/2020
Parameter	Unit			
Conductivity, field measured	uS/cm	Initial	12685	12707
Conductivity, field measured	uS/cm	Final	12801	12802

YSI 25m