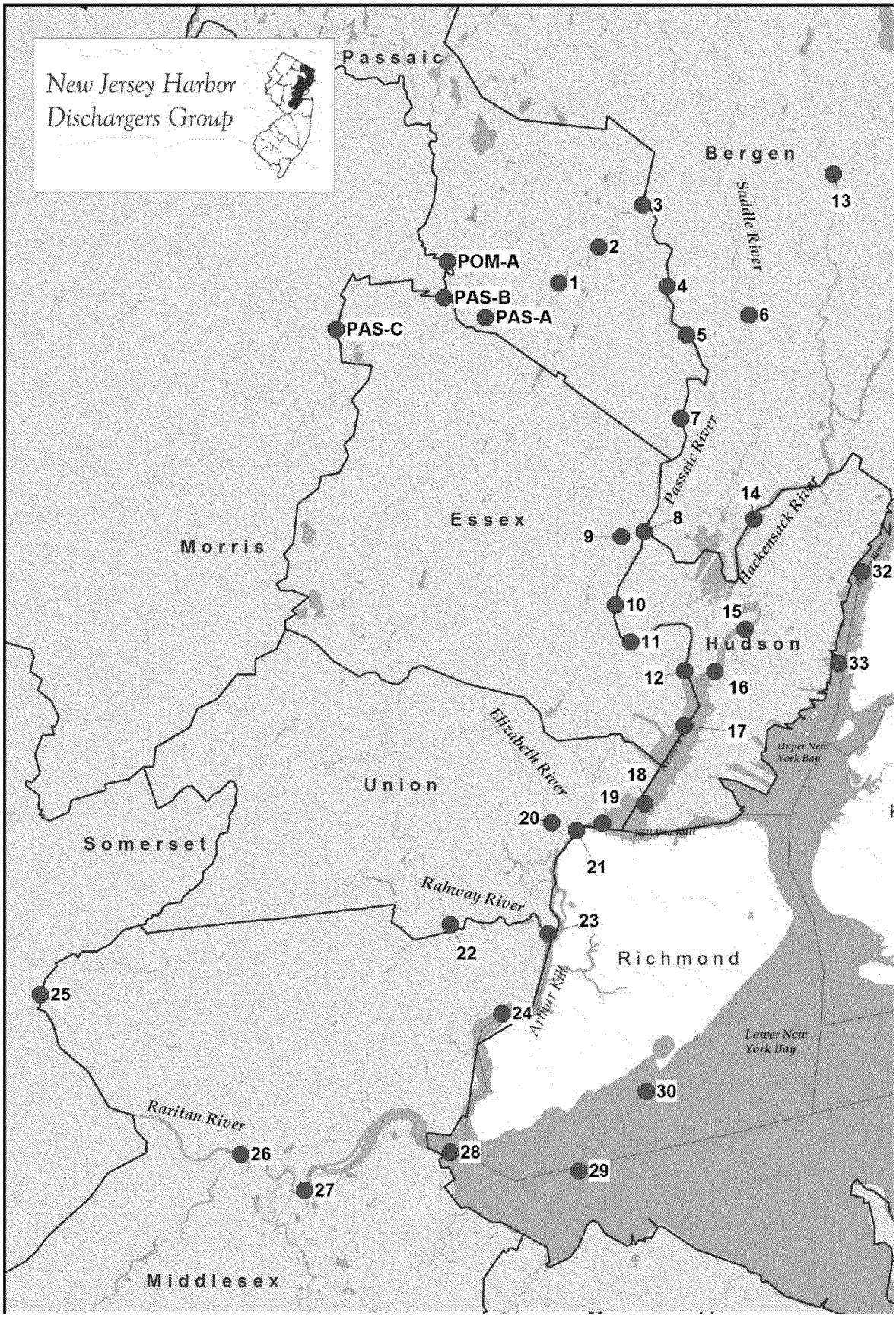
New Jersey Harbor
Dischargers Group
Passaic
Bergen
Morris
Essex
Hudson
Union
Somerset
Richmond
Middlesex
Saddle River
Passaic River
Hackensack River
Elizabeth River
Rahway River
Arthur Kill
Raritan River
Upper New York Bay
Lower New York Bay
POM-A
PAS-B
PAS-A
PAS-C
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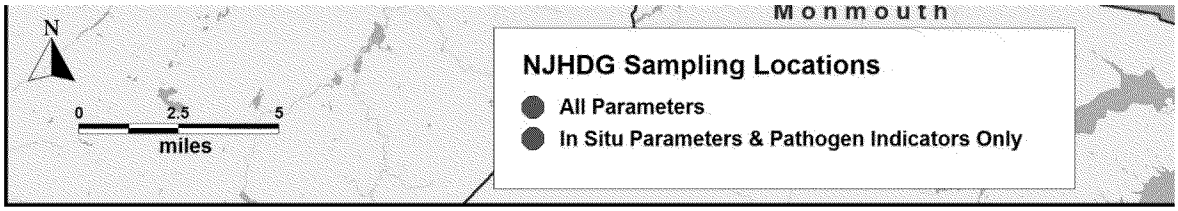
Monmouth
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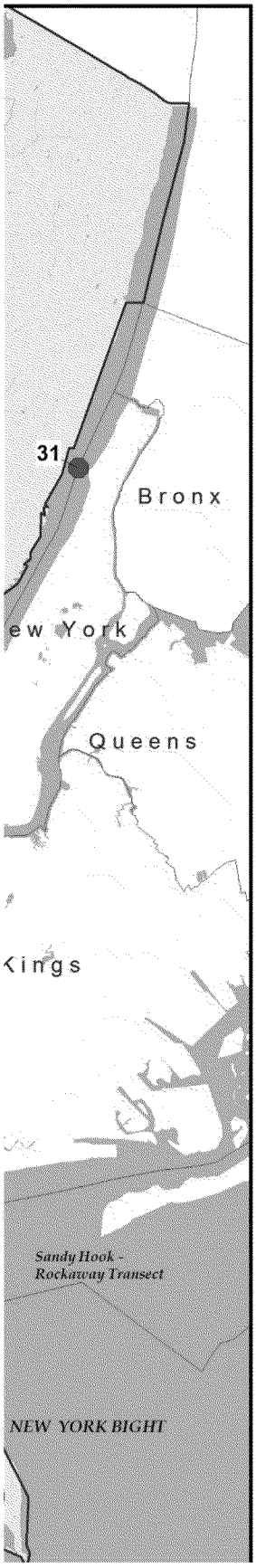
miles
NJHDG Sampling Locations
All Parameters
In Situ Parameters & Pathogen Indicators Only


31
Bronx
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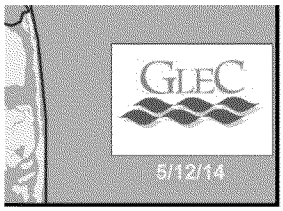
Queens
Kings
Sandy Hook -
Rockaway Transect
NEW YORK BIGHT


GLEC
5/12/14

NJHDG Harbor-Wide Sampling Sites - Coordinates

Site ID	Long	Lat	Notes
POM-A	-74.27063	40.91442	Pompton River at Rt.202/Mountainview Boulevard
PAS-C	-74.33985	40.88211	Passaic River at Horseneck Road
PAS-B	-74.27277	40.89726	Passaic River at Two Bridges Road
PAS-A	-74.24668	40.88773	Passaic River at Rt.23/Newark-Pompton Turnpike
1	-74.20066	40.90416	Passaic River at Totowa Rd
2	-74.17550	40.92120	Passaic River at Northwest St
3	-74.14820	40.94130	Passaic River at Lincoln Ave
4	-74.13300	40.90266	Passaic River at Market St
5	-74.12066	40.87950	Passaic River at Dundee Dam
6	-74.08166	40.88900	Saddle River
7	-74.12433	40.83983	Passaic River at Union Ave
8	-74.14733	40.78616	Passaic River at Rutgers St
9	-74.16150	40.78350	Second River
10	-74.16530	40.75120	Passaic River at Clay St
11	-74.15566	40.73366	Passaic River at Jackson Ave
12	-74.12183	40.71983	Passaic River at Kearny Point
13	-74.02880	40.95610	Hackensack River - Head of Tide
14	-74.07837	40.79190	Hackensack River
15	-74.08400	40.73950	Hackensack River
16	-74.10283	40.71950	Hackensack River
17	-74.12216	40.69383	Newark Bay
18	-74.14683	40.65666	Newark Bay
19	-74.17350	40.64750	Newark Bay - confluence with Arthur Kill
20	-74.20517	40.64766	Elizabeth River
21	-74.18961	40.64395	Arthur Kill - confluence with Elizabeth River
22	-74.26855	40.59926	Rahway River
23	-74.20745	40.59497	Arthur Kill - confluence with Rahway River
24	-74.23637	40.55710	Arthur Kill
25	-74.52551	40.56610	Raritan River - Head of Tide
26	-74.40000	40.49000	Raritan River
27	-74.36000	40.47300	Raritan River
28	-74.26856	40.49097	Raritan Bay - confluence with Raritan River and Arthur Kill
29	-74.18808	40.48232	Raritan Bay
30	-74.14600	40.52000	Raritan Bay
31	-73.95220	40.85160	Hudson River
32	-74.01083	40.76701	Hudson River
33	-74.02553	40.72351	Hudson River

Calculati

* All chemical parameters: values containing < or > character are raging purposes.

**Fecal Coliform, Enterococcus, E.coli, and Secchi depth: < & > c averaging purposes.
(ie: <10 = 1

Results to be adjusted for calculations are highlighted in yellow in the database

NJDEP WQ[redacted]m - Qualifiers/Lab Comments

Qualifier C[redacted]

A	Compound not analyzed
B	Compound also detected in laboratory reagent blank
C	Presence of compound may be due to contamination of sample during laboratory processing
EFAI	Equipment failure
J	Approximate value
J-HT	Approximate value - analysis exceeded the holding time
J-MI	Approximate value - due to matrix interference
J-QC	Approximate value - due to quality control problems
J-R	Approximate value - result is below the reporting level but greater than the method detection limit
JHTF	Holding time exceeded in the field
K	Value below detection limit
L	"Larger than" or "TNTC>"
N	Presumptive evidence of a nontarget compound
NA	Not Applicable
NAP	No Analysis Possible
NRP	No Result Possible
QNS	Quantity not sufficient

Laboratory [redacted]ts:

CNT	Non-acceptable colony counts
EHT	Sample or extract held beyond acceptable holding time
EQF	Equipment failed, sample not analyzed
FBK	Analyte found in blank. Sample contamination indicated.
FFB	Failed - Field Blank not acceptable
FFD	Failed - Field Duplicate not acceptable
FLD	Failed - Lab Duplicate not acceptable
FLS	Failed - Lab spike recovery not acceptable
FMS	Failed - Matrix Spike Recovery not acceptable
FRS	Failed - Internal reference sample not acceptable
FSL	Failed - Spiked Lab Blank recovery not acceptable
INT	Interference suspected. Analyte may not be present
LBF	Lab failed - sample not analyzed
LLS	Value less than lower quality control standard
OUT	Result value is defined as an outlier by data owner
RPO	% Relative Percent Difference outside of acceptable limits
SUS	Result value is defined as suspect by the data owner

Station POM-A Pompton River		Time	pH		Temp (^0C)		DO (mg/L)	
2014								
February 11, 2014		10:42	4.38		0.31		14.84	
March 18, 2014		10:34	5.45		2.38		13.59	
March 31, 2014		10:35	5.83		4.66		15.65	
May 5, 2014		12:30	6.16		11.85		11.77	
May 12, 2014		11:44	6.99		16.02		10.77	
May 19, 2014		11:54	6.81		15.36		10.19	
June 5, 2014		11:07	7.07		20.76		6.34	
June 19, 2014		10:18	7.09		22.89		5.91	
June 25, 2014	A	11:00	7.13		21.87		6.41	
June 25, 2014	B	11:00	—	NA	—	NA	—	NA
July 10, 2014		11:12	6.97		6.98		6.68	
July 24, 2014		10:49	7.00		23.84		6.51	
August 4, 2014		12:34	7.37		22.31		6.30	
August 14, 2014		10:20	7.15		22.13		6.80	
August 26, 2014		12:16	7.51		22.66		7.55	
September 8, 2014		12:01	7.55		22.75		7.93	
October 21, 2014		12:02	6.51		13.22		9.51	
November 24, 2014		12:00	7.00		5.78		11.92	
December 8, 2014		11:43	4.54		2.96		13.46	

DO (%)		Salinity (ppth)		Secchi depth (ft)		24 hr precipitation	48 hr precipitation
101.0		0.32		—	NA	0.00	0.00
99.4		0.21		—	NA	0.00	0.00
121.7		0.13		—	NA	0.15	0.98
108.9		0.13		—	NA	0.00	0.01
109.2		0.16		—	NA	0.00	0.08
101.9		0.15		—	NA	0.00	0.00
70.8		0.24		—	NA	0.78	0.78
68.8		0.25		—	NA	0.00	0.00
73.2		0.25		—	NA	0.02	0.02
—	NA	—	NA	—	NA	0.02	0.02
79.2		0.21		—	NA	0.00	0.00
77.2		0.22		—	NA	0.01	0.35
72.6		0.24		—	NA	0.00	0.07
77.9		0.24		—	NA	0.00	0.55
87.4		0.26		—	NA	0.00	0.00
92.2		0.28		—	NA	0.00	0.00
90.8		0.29		—	NA	0.55	0.55
100.1		0.24		—	NA	0.47	0.47
100.0		0.19		—	NA	0.00	0.04

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

Station PAS-C Horseneck Road		Time	pH		Temp (^0C)		DO (mg/L)	
2014								
February 11, 2014	A	11:05	4.78		0.10		12.83	
February 11, 2014	B	11:05	—	NA	—	NA	—	NA
March 18, 2014		10:53	5.63		2.24		12.66	
March 31, 2014	A	10:54	5.82		4.82		13.38	
March 31, 2014	B	10:54	—	NA	—	NA	—	NA
May 5, 2014		12:50	6.51		13.72		10.22	
May 12, 2014		12:04	6.73		18.00		6.69	
May 19, 2014		12:14	6.86		15.71		6.47	
June 5, 2014		11:28	7.02		21.19		5.02	
June 19, 2014	A	10:41	6.87		23.83		4.64	
June 19, 2014	B	10:41	—	NA	—	NA	—	NA
June 25, 2014		11:20	7.10		22.30		5.75	
July 10, 2014	A	11:32	6.86		24.43		5.01	
July 10, 2014	B	11:32	—	NA	—	NA	—	NA
July 24, 2014		11:10	6.88		24.57		4.52	
August 14, 2014	A	10:43	7.15		21.50		6.03	
August 14, 2014	B	10:43	—	NA	—	NA	—	NA
September 8, 2014		12:20	7.43		22.44		7.14	
October 21, 2014		12:21	7.07		12.99		8.30	
November 24, 2014		12:20	7.11		6.70		12.12	
December 8, 2014		12:01	5.97		3.15		11.86	

DO (%)		Salinity (ppth)		Secchi depth (ft)		24 hr precipitation	48 hr precipitation
88.4		0.69		—	NA	0.00	0.00
—	NA	—	NA	—	NA	0.00	0.00
92.3		0.30		—	NA	0.00	0.00
104.3		0.24		—	NA	0.15	0.98
—	NA	—	NA	—	NA	0.15	0.98
90.8		0.14		—	NA	0.00	0.01
73.6		0.20		—	NA	0.00	0.08
65.1		0.22		—	NA	0.00	0.00
57.0		0.36		—	NA	0.78	0.78
55.1		0.28		—	NA	0.00	0.00
—	NA	—	NA	—	NA	0.00	0.00
66.3		0.38		—	NA	0.02	0.02
60.2		0.35		—	NA	0.00	0.00
—	NA	—	NA	—	NA	0.00	0.00
54.2		0.43		—	NA	0.01	0.35
68.1		0.37		—	NA	0.00	0.55
—	NA	—	NA	—	NA	0.00	0.55
82.5		0.48		—	NA	0.00	0.00
78.9		0.38		—	NA	0.55	0.55
100.5		0.26		—	NA	0.47	0.47
90.6		0.21		—	NA	0.00	0.04

[redacted]

Station PAS-B Two Bridges Road		Time	pH		Temp (^0C)		DO (mg/L)	
2014								
February 11, 2014		10:28	6.36		-0.04		13.01	
March 18, 2014	A	10:22	5.52		2.30		12.40	
March 18, 2014	B	10:22	—	NA	—	NA	—	NA
March 31, 2014		10:23	5.52		5.75		12.70	
May 5, 2014		12:17	5.88		13.44		6.70	
May 12, 2014		11:32	6.79		18.03		6.67	
May 19, 2014		11:43	6.88		16.49		6.43	
June 5, 2014	A	10:54	6.84		22.24		4.56	
June 5, 2014	B	10:54	—	NA	—	NA	—	NA
June 19, 2014		10:03	6.90		24.08		4.87	
June 25, 2014		10:47	6.98		23.00		6.31	
July 10, 2014		10:58	6.77		25.28		5.61	
July 24, 2014	A	10:33	6.93		25.43		5.46	
July 24, 2014	B	10:33	—	NA	—	NA	—	NA
August 4, 2014		12:21	7.50		22.49		5.82	
August 14, 2014		10:07	7.00		22.70		6.11	
August 26, 2014		12:05	7.61		22.41		8.30	
September 8, 2014		11:46	7.43		24.10		7.86	
October 21, 2014		11:51	7.16		13.37		7.96	
November 24, 2014		11:46	6.81		4.78		12.12	
December 8, 2014		11:33	4.87		4.08		10.88	

DO (%)		Salinity (ppth)		Secchi depth (ft)		24 hr precipitation	48 hr precipitation
[redacted]							
89.0		0.66		—	NA	0.00	0.00
90.6		0.29		—	NA	0.00	0.00
—	NA	—	NA	—	NA	0.00	0.00
101.2		0.21		—	NA	0.15	0.98
64.3		0.13		—	NA	0.00	0.01
70.4		0.19		—	NA	0.00	0.08
65.9		0.21		—	NA	0.00	0.00
52.5		0.36		—	NA	0.78	0.78
—	NA	—	NA	—	NA	0.78	0.78
58.0		0.27		—	NA	0.00	0.00
73.7		0.36		—	NA	0.02	0.02
68.4		0.31		—	NA	0.00	0.00
66.9		0.35		—	NA	0.01	0.35
—	NA	—	NA	—	NA	0.01	0.35
67.2		0.25		—	NA	0.00	0.07
82.6		0.44		—	NA	0.00	0.55
96.5		0.35		—	NA	0.00	0.00
93.7		0.48		—	NA	0.00	0.00
76.2		0.32		—	NA	0.55	0.55
95.7		0.34		—	NA	0.47	0.47
83.3		0.23		—	NA	0.00	0.04
[redacted]							

Station PAS-A Rt.23/Nwk-Pompton Tpk	*Time*	*pH*	*Temp (^0C)*	*DO (mg/L)*
2014				
March 18, 2014	10:08	6.90	2.43	12.95
March 31, 2014	10:09	6.36	5.07	15.06
May 5, 2014	12:03	6.40	12.81	8.50
May 12, 2014	11:19	6.96	17.35	8.33
May 19, 2014	11:31	7.03	15.88	9.10
June 5, 2014	10:45	7.00	21.32	5.71
June 19, 2014	09:41	6.84	23.56	5.17
June 25, 2014	10:33	6.80	22.04	5.82
July 10, 2014	10:43	6.69	24.77	6.03
July 24, 2014	11:32	7.10	24.52	6.54
August 4, 2014	12:04	7.60	22.59	6.30
August 14, 2014	09:51	7.11	22.48	6.22
August 26, 2014	11:51	7.56	23.18	7.75
September 8, 2014	11:36	7.43	23.15	6.10
October 21, 2014	11:38	7.15	14.19	6.95
November 24, 2014	11:32	7.12	6.68	11.15
December 8, 2014	11:22	5.87	3.10	12.35

DO (%)	Salinity (ppth)	Secchi depth (ft)		24 hr precipitation	48 hr precipitation
94.9	0.27	—	NA	0.00	0.00
118.3	0.16	—	NA	0.15	0.98
80.3	0.13	—	NA	0.00	0.01
86.9	0.18	—	NA	0.00	0.08
92.0	0.17	—	NA	0.00	0.00
65.3	0.30	—	NA	0.78	0.78
61.1	0.27	—	NA	0.00	0.00
66.7	0.32	—	NA	0.02	0.02
72.7	0.27	—	NA	0.00	0.00
78.4	0.29	—	NA	0.01	0.35
72.9	0.28	—	NA	0.00	0.07
71.9	0.35	—	NA	0.00	0.55
91.3	0.33	—	NA	0.00	0.00
71.0	0.39	—	NA	0.00	0.00
68.0	0.33	—	NA	0.55	0.55
91.1	0.30	—	NA	0.47	0.47
94.4	0.21	—	NA	0.00	0.04

[redacted]

[redacted]

Station #1 Totowa Avenue	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 4, 2003	11:45	5.91	4.7	12.71
December 17, 2003	09:50	6.70	2.8	15.23
2004				
January 7, 2004	11:40	6.50	—	13.60
February 10, 2004	13:00	6.22	1.3	9.21
February 19, 2004	13:50	7.08	3.2	13.00
March 9, 2004	11:50	6.58	6.3	12.09
March 16, 2004	11:40	6.53	6.2	12.34
April 5, 2004	12:00	6.49	7.6	11.60
April 27, 2004	12:30	6.86	14.0	9.54
May 3, 2004	11:30	6.55	17.5	8.56
May 10, 2004	12:00	6.99	18.0	—
May 24, 2004	11:45	7.11	22.9	6.22
June 7, 2004	—	—	—	—
June 14, 2004	11:45	7.59	—	7.70
June 21, 2004	12:45	7.37	6.84	—
June 30, 2004	13:45	7.00	24.9	—
July 8, 2004	—	—	—	—
July 12, 2004	12:45	6.58	24.0	—
July 19, 2004	11:00	6.58	22.1	3.20
July 26, 2004	11:30	6.57	24.4	3.40
August 2, 2004	12:30	6.75	—	6.46
August 9, 2004	12:00	6.71	—	5.80
August 16, 2004	12:02	6.34	—	5.71
August 23, 2004	12:15	6.55	—	7.70
August 30, 2004	—	—	—	—
September 13, 2004	10:35	—	18.93	10.50
September 20, 2004	12:00	6.61	17.33	10.28
September 27, 2004	11:55	7.54	19.7	7.04
October 5, 2004	—	—	—	—
October 19, 2004	12:20	—	11.09	8.97
November 3, 2004	12:10	—	13.0	7.81
November 16, 2004	11:35	—	6.7	9.48
November 30, 2004	11:40	—	7.8	8.55
December 14, 2004	11:36	—	5.6	9.24
2005				
January 11, 2005	11:29	7.26	3.31	15.34
February 8, 2005	11:27	—	3.50	13.73
February 15, 2005	11:36	—	3.60	14.22
March 2, 2005	11:51	—	2.52	20.80
March 15, 2005	12:20	—	4.82	22.20
April 19, 2005	11:45	7.54	15.12	11.92
May 2, 2005	11:51	7.35	14.8	—
May 9, 2005	11:52	7.88	14.56	11.27
May 17, 2005	11:44	7.33	19.2	—
June 6, 2005	12:01	7.62	23.98	8.97

June 14, 2005	11:55	8.26	29.2	—
June 20, 2005	11:17	7.49	21.74	7.91
June 28, 2005	11:32	7.36	24.94	5.56
July 5, 2005	11:52	7.46	25.7	—
July 12, 2005	11:54	7.27	26.8	—
July 19, 2005	13:07	7.03	29.5	—
July 25, 2005	12:19	7.57	25.86	5.37
August 2, 2005	12:26	7.48	28.9	—
August 8, 2005	13:02	—	26.18	5.63
August 16, 2005	11:37	—	25.6	—
August 22, 2005	11:51	7.43	24.60	—
September 6, 2005	11:55	—	24.9	—
September 13, 2005	11:31	—	25.5	—
September 19, 2005	12:04	6.83	25.3	—
September 27, 2005	11:26	7.63	20.5	—
October 12, 2005	11:16	7.00	15.87	10.09
October 24, 2005	10:50	—	11.3	9.05
November 9, 2005	12:22	7.25	11.4	9.23
November 28, 2005	11:40	—	5.3	11.72
December 12, 2005	11:30	—	2.4	12.70
December 27, 2005	11:37	7.14	4.0	14.10
2006				
January 9, 2006	11:54	7.38	3.20	17.14
January 25, 2006	11:24	7.13	3.27	16.08
February 7, 2006	10:26	7.44	3.78	13.75
February 22, 2006	11:45	7.57	2.82	15.81
March 7, 2006	10:07	7.97	3.86	16.15
March 22, 2006	11:53	8.25	5.80	16.46
April 4, 2006	10:57	7.63	11.72	9.16
April 17, 2006	11:57	7.93	15.04	10.14
May 1, 2006	11:20	7.55	15.32	10.97
May 8, 2006	12:03	7.15	17.3	7.01
May 18, 2006	11:05	7.24	16.10	9.15
May 22, 2006	10:20	7.30	14.85	10.02
June 1, 2006	10:40	7.30	23.56	6.53
June 5, 2006	11:07	7.28	19.20	8.18
June 12, 2006	11:30	7.42	17.80	8.48
June 19, 2006	10:47	7.42	22.99	7.19
June 26, 2006	10:26	7.26	22.05	7.04
July 5, 2006	10:10	7.31	24.12	6.70
July 10, 2006	10:38	7.31	22.71	7.27
July 17, 2006	11:29	7.21	26.27	5.73
July 25, 2006	10:39	7.35	23.67	7.50
July 31, 2006	10:48	7.50	26.69	6.07
August 8, 2006	10:34	7.43	25.95	5.37
August 21, 2006	10:47	7.46	24.01	5.65
August 30, 2006	10:50	7.42	20.48	9.36
September 7, 2006	11:31	7.19	19.09	8.75
September 13, 2006	10:25	7.26	18.13	9.24
September 21, 2006	10:23	7.30	18.77	9.65

September 27, 2006		10:16	7.48		17.77	10.15
October 11, 2006		12:14	7.51		16.12	7.91
October 23, 2006		11:36	7.13		11.88	10.41
November 20, 2006		11:52	6.99		9.79	11.48
December 4, 2006		10:41	7.39		7.87	12.38
December 18, 2006		10:36	7.41		7.06	12.67
2007						
January 4, 2007		11:47	7.16		5.08	13.13
January 17, 2007		12:35	7.42		3.85	14.60
January 29, 2007		11:05	7.72		2.00	15.01
February 27, 2007	A	12:26	7.81		2.54	17.06
February 27, 2007	B	12:26	—		—	—
March 12, 2007		10:38	7.38		3.44	14.54
March 26, 2007		11:01	7.24		7.34	13.69
April 9, 2007		11:29	7.60		6.40	13.81
May 7, 2007		12:28	7.60		15.60	10.82
May 16, 2007		11:17	7.55		19.41	9.52
May 21, 2007		11:30	7.47		16.82	8.72
May 30, 2007		12:16	7.61		22.92	7.24
June 4, 2007		11:05	7.47		21.07	7.78
June 11, 2007		11:11	7.57		22.61	6.48
June 18, 2007	A	11:13	7.55		22.43	7.31
June 18, 2007	B	11:13	—		—	—
June 25, 2007	A	10:36	7.47		22.07	5.51
June 25, 2007	B	10:36	—		—	—
Bridge construction 7/9/07						
2008						
Bridge construction continued						
2009						
Bridge re-opened 3/9/09						
April 20, 2009		10:28	6.43		13.09	11.27
May 4, 2009		10:29	—	NAPEFAI/EQF	16.0	—
May 11, 2009		10:19	—	NAPEFAI/EQF	16.5	8.47
May 18, 2009		10:23	—	NAPEFAI/EQF	16.1	7.86
May 27, 2009	A	12:21	—	NAPEFAI/EQF	18.6	7.72
May 27, 2009	B	12:21	—		—	—
June 1, 2009		10:10	—	NAPEFAI/EQF	18.3	6.41
June 8, 2009		10:19	—	NAPEFAI/EQF	19.6	8.00
June 22, 2009		10:10	6.87		19.05	9.52
July 7, 2009	A	11:47	7.45		23.02	8.39
July 7, 2009	B	11:47	—		—	—
July 13, 2009		10:35	7.43		21.64	8.05
July 20, 2009		10:31	7.57		23.04	9.08
July 28, 2009		11:39	7.47		24.85	6.94
August 3, 2009		10:24	7.31		22.57	7.90
August 10, 2009		10:11	6.96		22.00	7.38
August 17, 2009		10:19	7.40		24.87	6.39
August 24, 2009		10:22	7.36		24.23	9.47
August 31, 2009		10:07	7.31		21.53	7.94
September 9, 2009	A	11:57	7.68		21.38	8.24

September 9, 2009	B	11:57	—		—		—
September 14, 2009		10:23	7.53		19.31		8.86
September 21, 2009		10:14	7.34		17.50		8.37
October 5, 2009		10:14	7.55		15.55		10.52
November 17, 2009		10:14	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 14, 2009		10:22	8.23		1.80		17.13
2010							
January 4, 2010		10:14	7.36		-0.02		18.73
February 1, 2010	A	12:28	6.84		0.56		15.85
February 1, 2010	B	12:28	—	NA	—	NA	—
March 8, 2010		10:04	8.04		5.65		14.64
April 8, 2010		10:20	7.35		17.62		9.65
May 5, 2010		10:25	7.06		18.92		8.59
May 10, 2010		11:02	6.80		14.57		9.81
May 17, 2010	A	12:09	7.64		18.13		10.21
May 17, 2010	B	12:09	—	NA	—	NA	—
May 24, 2010		10:31	7.26		19.09		8.05
June 7, 2010		10:05	7.93		22.50		8.51
June 14, 2010	A	11:48	7.60		21.41		7.40
June 14, 2010	B	11:48	—	NA	—	NA	—
June 21, 2010		10:29	7.86		23.56		7.06
June 28, 2010		11:27	7.68		26.00		6.01
July 12, 2010		10:19	7.99		25.57		5.71
July 19, 2010		10:34	7.41		26.06		6.57
July 26, 2010		09:53	7.38		25.19		8.19
August 2, 2010		10:36	7.36		23.69		5.07
August 9, 2010		10:24	7.20		25.72		4.47
August 16, 2010		10:02	7.26		22.71		5.56
August 23, 2010		09:51	7.42		22.70		8.81
August 30, 2010		10:31	7.23		22.53		7.11
September 13, 2010		10:11	7.42		19.20		6.97
September 21, 2010	A	12:09	7.53		18.19		7.95
September 21, 2010	B	12:09	—	NA	—	NA	—
September 28, 2010		10:03	7.25		20.14		5.81
October 4, 2010		10:05	6.95		15.61		10.54
November 15, 2010		10:08	7.24		8.98		17.23
December 6, 2010		10:15	7.66		3.43		16.16
2011							
January 3, 2011		10:50	7.03		2.31		—
February 7, 2011		09:53	6.51		2.08		15.14
March 7, 2011		10:31	—	NAPEFAI/EQF	5.85		16.09
April 11, 2011		09:58	6.44		10.58		13.56
May 2, 2011		10:13	7.33		15.54		11.74
May 9, 2011		10:55	7.38		16.18		10.08
May 18, 2011		09:53	7.37		15.28		9.95
May 23, 2011		10:55	6.81		16.21		9.59
June 2, 2011	A	11:41	7.51		24.06		8.25
June 2, 2011	B	11:41	—	NA	—	NA	—
June 6, 2011		09:51	7.47		19.50		8.68
June 14, 2011		10:43	7.47		20.69		9.44

June 20, 2011		10:00	7.40		22.28		9.05
June 27, 2011		11:02	7.33		22.44		12.22
July 11, 2011		10:06	7.58		24.80		8.49
July 18, 2011		10:33	8.04		25.01		6.62
July 25, 2011		10:00	7.67		27.75		3.87
August 1, 2011		10:56	7.58		25.85		6.73
August 9, 2011		10:10	7.83		25.73		8.74
August 15, 2011		11:06	7.47		22.21		9.36
August 22, 2011		10:06	7.23		22.82		8.70
September 7, 2011	A	12:52	7.19		19.55		10.39
September 7, 2011	B	12:52	—	NA	—	NA	—
September 13, 2011		09:55	6.76		20.82		9.02
September 19, 2011		10:42	7.27		16.56		10.89
September 26, 2011		09:39	7.10		20.49		13.61
October 17, 2011	A	11:12	7.41		15.12		9.78
October 17, 2011	B	11:12	—	NA	—	NA	—
November 1, 2011	A	10:27	7.28		8.16		12.16
November 1, 2011	B	10:27	—	NA	—	NA	—
December 6, 2011		10:57	7.23		8.20		11.94
2012							
January 10, 2012		11:23	7.40		3.49		14.72
February 7, 2012		11:18	7.38		4.60		22.37
March 5, 2012		11:12	7.61		5.85		14.50
April 17, 2012		11:04	7.91		17.32		7.28
May 1, 2012		11:25	7.30		13.67		9.49
May 7, 2012	A	10:40	7.32		16.47		9.17
May 7, 2012	B	10:40	—	NA	—	NA	—
May 14, 2012	A	10:54	7.35		19.06		7.16
May 14, 2012	B	10:54	—	NA	—	NA	—
May 22, 2012	A	11:08	7.26		19.01		8.07
May 22, 2012	B	11:08	—	NA	—	NA	—
May 30, 2012	A	12:23	7.20		24.63		6.79
May 30, 2012	B	12:23	—	NA	—	NA	—
June 4, 2012	A	11:22	7.08		20.21		8.22
June 4, 2012	B	11:22	—	NA	—	NA	—
June 11, 2012	A	11:09	7.30		21.71		7.24
June 11, 2012	B	11:09	—	NA	—	NA	—
June 18, 2012	A	11:02	7.17		21.13		8.61
June 18, 2012	B	11:02	—	NA	—	NA	—
June 25, 2012		10:27	7.24		25.04		7.07
July 2, 2012	A	10:57	7.47		25.53		5.67
July 2, 2012	B	10:57	—	NA	—	NA	—
July 9, 2012	A	11:13	7.60		27.02		5.19
July 9, 2012	B	11:13	—	NA	—	NA	—
July 16, 2012	A	10:54	7.44		25.72		5.34
July 16, 2012	B	10:54	—	NA	—	NA	—
July 23, 2012	A	11:08	7.36		23.90		6.34
July 23, 2012	B	11:08	—	NA	—	NA	—
July 30, 2012		10:50	7.34		24.44		7.26
August 6, 2012		11:05	7.35		26.50		6.24

August 13, 2012		11:15	7.66	[redacted]	25.19		8.57
August 21, 2012	A	10:39	7.56	[redacted]	22.40		5.05
August 21, 2012	B	10:39	—	NA	—	NA	—
September 5, 2012		12:16	7.57	[redacted]	23.98		6.59
September 10, 2012	A	10:45	7.62	[redacted]	22.45		6.61
September 10, 2012	B	10:45	—	NA	—	NA	—
September 17, 2012	A	11:00	7.88	[redacted]	19.19		5.58
September 17, 2012	B	11:00	—	NA	—	NA	—
September 27, 2012	A	11:04	7.35	[redacted]	18.85		5.59
September 27, 2012	B	11:04	—	NA	—	NA	—
October 15, 2012	A	10:54	7.59	[redacted]	13.87		7.13
October 15, 2012	B	10:54	—	NA	—	NA	—
November 5, 2012		11:51	7.65		9.61		12.28
November 7, 2012		11:43	7.56		7.74		13.75
November 8, 2012		11:45	7.59		6.48		12.17
November 9, 2012		11:43	7.94		6.35		15.64
November 14, 2012		12:16	7.71		9.02		9.35
November 15, 2012		12:04	7.84		8.38		13.93
December 10, 2012	A	09:52	7.61	[redacted]	6.79		12.00
December 10, 2012	B	09:52	—	NA	—	NA	—
2013							
January 14, 2013	A	09:50	7.74		5.54		15.26
January 14, 2013	B	09:50	—	NA	—	NA	—
February 13, 2013		09:50	7.76		2.49		14.55
February 21, 2013	A	09:09	7.45		1.82		15.43
February 21, 2013	B	09:09	—	NA	—	NA	—
March 7, 2013	A	09:42	7.21		4.53		14.17
March 7, 2013	B	09:42	—	NA	—	NA	—
March 19, 2013	A	09:35	7.43		2.87		15.18
March 19, 2013	B	09:35	—	NA	—	NA	—
April 8, 2013	A	11:00	7.96		11.15		14.19
April 8, 2013	B	11:00	—	NA	—	NA	—
April 16, 2013	A	10:41	7.51		13.11		10.62
April 16, 2013	B	10:41	—	NA	—	NA	—
April 25, 2013	A	11:00	7.78		13.53		10.00
April 25, 2013	B	11:00	—	NA	—	NA	—
May 1, 2013		12:29	7.82		16.08		12.42
May 9, 2013	A	11:29	7.15		16.97		11.37
May 9, 2013	B	11:29	—	NA	—	NA	—
May 13, 2013	A	11:04	7.23		17.25		11.29
May 13, 2013	B	11:04	—	NA	—	NA	—
May 21, 2013	A	10:30	7.18		18.17		13.53
May 21, 2013	B	10:30	—	NA	—	NA	—
May 29, 2013		12:21	7.04		16.23		16.52
June 3, 2013	A	11:22	6.96		23.80		7.35
June 3, 2013	B	11:22	—	NA	—	NA	—
June 10, 2013	A	10:55	6.95		19.88		12.20
June 10, 2013	B	10:55	—	NA	—	NA	—
June 17, 2013	A	11:03	7.07		20.08		12.55
June 17, 2013	B	11:03	—	NA	—	NA	—

June 24, 2013	A	11:03	7.05		23.91		10.83
June 24, 2013	B	11:03	—	NA	—	NA	—
July 8, 2013	A	11:13	7.17		27.45		7.69
July 8, 2013	B	11:13	—	NA	—	NA	—
July 15, 2013	A	11:15	7.36		25.84		5.14
July 15, 2013	B	11:15	—	NA	—	NA	—
July 22, 2013	A	11:23	7.77		27.88		8.85
July 22, 2013	B	11:23	—	NA	—	NA	—
July 29, 2013	A	10:56	7.60		23.65		9.37
July 29, 2013	B	10:56	—	NA	—	NA	—
August 5, 2013	A	10:35	7.48		22.29		9.14
August 5, 2013	B	10:35	—	NA	—	NA	—
August 12, 2013	A	10:53	7.60		23.36		8.10
August 12, 2013	B	10:53	—	NA	—	NA	—
August 19, 2013	A	11:15	7.59		21.84		9.47
August 19, 2013	B	11:15	—	NA	—	NA	—
August 26, 2013	A	11:11	7.62		21.79		9.23
August 26, 2013	B	11:11	—	NA	—	NA	—
September 4, 2013		12:05	7.90		23.32		9.12
September 17, 2013		12:16	7.75		18.01		9.93
September 23, 2013	A	10:41	7.70		17.14		8.56
September 23, 2013	B	10:41	—	NA	—	NA	—
October 8, 2013	A	11:07	7.60		18.72		8.74
October 8, 2013	B	11:07	—	NA	—	NA	—
November 7, 2013	A	11:09	7.55		11.09		9.85
November 7, 2013	B	11:09	—	NA	—	NA	—
December 11, 2013	A	11:10	5.98		2.51		13.31
December 11, 2013	B	11:10	—	NA	—	NA	—
2014							
February 12, 2014		12:07	6.02		-0.17		15.68
March 13, 2014	A	11:10	5.95		3.13		14.09
March 13, 2014	B	11:10	—	NA	—	NA	—
April 1, 2014	A	11:02	5.99		6.03		13.25
April 1, 2014	B	11:02	—	NA	—	NA	—
May 5, 2014	A	11:38	6.43		13.05		11.14
May 5, 2014	B	11:38	—	NA	—	NA	—
May 12, 2014	A	10:56	6.65		17.84		11.20
May 12, 2014	B	10:56	—	NA	—	NA	—
May 19, 2014	A	11:04	6.89		16.18		10.64
May 19, 2014	B	11:04	—	NA	—	NA	—
May 28, 2014		12:30	7.00		19.79		9.13
June 2, 2014	A	11:04	7.45		19.23		10.61
June 2, 2014	B	11:04	—	NA	—	NA	—
June 9, 2014	A	12:52	7.26		21.08		8.46
June 9, 2014	B	12:52	—	NA	—	NA	—
June 23, 2014	A	11:47	7.98		22.57		10.31
June 23, 2014	B	11:47	—	NA	—	NA	—
June 30, 2014	A	11:45	7.72		23.92		9.22
June 30, 2014	B	11:45	—	NA	—	NA	—
July 7, 2014	A	11:15	7.12		23.31		9.06

July 7, 2014	B	11:15	—	NA	—	NA	—
July 14, 2014	A	11:32	7.50		24.40		8.07
July 14, 2014	B	11:32	—	NA	—	NA	—
July 29, 2014	A	11:44	7.59		23.33		9.60
July 29, 2014	B	11:44	—	NA	—	NA	—
August 4, 2014	A	11:30	7.57		22.78		8.93
August 4, 2014	B	11:30	—	NA	—	NA	—
August 11, 2014	A	11:16	7.54		22.72		7.99
August 11, 2014	B	11:16	—	NA	—	NA	—
August 18, 2014	A	11:30	7.44		20.51		7.32
August 18, 2014	B	11:30	—	NA	—	NA	—
August 26, 2014	A	11:14	7.46		21.90		7.52
August 26, 2014	B	11:14	—	NA	—	NA	—
September 3, 2014		12:40	7.67		24.62		8.09
September 8, 2014	A	11:09	7.45		22.09		6.49
September 8, 2014	B	11:09	—	NA	—	NA	—
September 15, 2014		12:27	7.83		18.70		9.42
September 29, 2014		12:41	7.87		19.18		9.39
October 21, 2014	A	11:13	7.20		13.74		8.72
October 21, 2014	B	11:13	—	NA	—	NA	—
November 24, 2014	A	11:05	7.03		7.32		11.94
November 24, 2014	B	11:05	—	NA	—	NA	—
December 8, 2014	A	11:01	5.80		3.64		13.96
December 8, 2014	B	11:01	—	NA	—	NA	—

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	94.5	0.1	—	4
	110.0	0.2	—	4
[redacted]				
	101.1	0.2	—	4
	112.2	0.3	—	9
	96.9	0.3	—	2
	98.6	0.2	—	2
	94.9	0.3	—	3
	97.6	0.3	—	4
	92.9	0.2	—	9
	92.3	0.2	—	10
	—	—	—	14
	73.4	0.2	—	9
	—	—	—	12
	—	—	—	7
	—	—	—	8
	—	—	—	8
	—	—	—	11
	—	—	—	5
	35.0	—	—	13
	39.0	—	—	17
	77.1	—	—	12
	68.3	—	—	6
	63.9	—	—	28
	86.8	—	—	42
	—	—	—	6
	113.3	0.35	—	7
	107.5	0.10	—	26
	77.4	0.2	—	7
	—	—	—	11
	83.2	0.21	—	4
	75.3	0.2	—	<1
	76.8	0.2	—	2
	72.5	0.1	—	18
	74.5	0.1	—	2
[redacted]				
	115.0	0.21	—	4
	104.1	0.37	—	<1
	107.4	0.25	—	15
	152.6	0.40	—	<1
	173.7	0.38	—	2
	118.6	0.22	—	6
	—	—	—	5
	110.8	0.24	—	4
	—	—	—	5
	106.6	0.31	—	7

—	—	—	6
90.2	0.28	—	4
67.2	0.27	—	4
—	—	—	4
—	—	—	6
—	—	—	1
65.5	0.29	—	4
—	—	—	11
69.6	0.32	—	6
—	—	—	2
—	0.31	—	9
—	—	—	8
—	—	—	10
—	—	—	8
—	—	—	9
102.0	0.09	—	16
82.7	0.2	—	5
84.8	0.2	—	1
92.5	0.2	—	2
92.8	0.2	—	2
107.5	0.2	—	4
[redacted]			
128.1	0.18	—	3
120.5	0.19	—	2
104.7	0.15	—	2
117.2	0.29	—	4
122.9	0.41	—	2
131.8	0.32	—	1
84.7	0.31	—	4
100.9	0.30	—	6
109.8	0.23	—	6
70.9	0.3	—	4
93.0	0.16	—	14
99.1	0.19	—	15
77.0	0.25	—	5
88.6	0.15	—	18
89.2	0.16	—	10
84.0	0.22	—	13
80.8	0.19	—	12
79.8	0.16	—	11
84.3	0.16	—	20
71.0	0.21	—	3
88.6	0.17	—	32
75.9	0.25	—	4
66.3	0.31	—	4
67.2	0.31	—	6
104.0	0.19	—	22
94.6	0.14	—	18
98.0	0.21	—	4
103.7	0.18	—	11

	106.8		0.23	—	2	
	80.5		0.24	—	4	
	96.5		0.17	—	6	
	101.3		0.11	—	1	
	104.2		0.13	—	6	
	104.6		0.22	—	12	
	103.1		0.13	—	4	
	111.0		0.15	—	2	
	108.9		0.24	—	2	
	125.6		0.59	—	6	
	—		—	—	4	
	109.4		0.27	—	4	
	113.8		0.24	—	7	
	112.3		0.25	—	1	
	108.7		0.18	—	8	
	103.9		0.26	—	10	
	89.9		0.26	—	7	
	84.5		0.29	—	4	
	87.4		0.26	—	11	
	75.2		0.31	—	2	
	84.5		0.35	—	2	
	—		—	—	4	
	63.2		0.36	—	4	
	—		—	—	2	
	107.3		0.31	—	6	
NAPEFAI/EQF	—	NAPEFAI/EQF	0.3	—	12	J-QC/FFD/RPO
	86.8		0.2	—	16	
	79.9		0.2	—	20	
	82.6		0.3	—	9	
	—		—	—	9	
	68.7		0.3	—	5	
	87.3		0.4	—	11	
	102.8		0.15	—	12	
	97.9		0.21	—	10	
	—		—	—	12	
	91.6		0.26	—	6	J-QC/FFD/RPO
	106.6		0.26	—	8	J-QC/FFD/RPO
	83.8		0.27	—	10	
	91.5		0.17	—	28	
	84.5		0.19	—	9	J-QC/FFD/RPO
	77.3		0.24	—	6	
	113.1		0.19	—	17	J-QC/FFD/RPO
	90.1		0.22	—	12	
	93.2		0.33	—	2	J-QC/FFD/RPO

	—		—		—		4	J-QC/FFD/RPO
	96.3		0.30		—		5	
	87.6		0.29		—		2	J-QC/FLD/RPO
	105.8		0.31		—		1	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		4	J-QC/FFB
	123.3		0.20		—		12	J-QC/FFD/RPO
[redacted]								
	128.1		0.24		—	NA	6	
	110.3		0.20		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	116.8		0.33		—	NA	4	J-QC/FFB
	101.5		0.17		—	NA	4	J-QC/FFD/RPO
	92.5		0.18		—	NA	19	J-QC/FFD/RPO
	96.6		0.22		—	NA	8	J-QC/FFD/FLDRPO
	108.3		0.26		—	NA	3	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	6	J-QC/FFD/RPO
	87.0		0.26		—	NA	6	J-QC/FFD/RPO
	98.6		0.34		—	NA	8	J-QC/FFD/RPO
	83.6		0.10		—	NA	6	
NA	—	NA	—	NA	—	NA	6	
	83.2		0.30		—	NA	6	
	74.1		0.06		—	NA	12	
	70.3		0.37		—	NA	8	J-QC/FFD/RPO
	81.2		0.23		—	NA	14	J-QC/FFD/RPO
	99.7		0.28		—	NA	8	
	59.9		0.36		—	NA	7	
	54.9		0.36		—	NA	4	J-QC/FFD/RPO
	64.5		0.39		—	NA	12	J-QC/FFD/FLDRPO
	102.3		0.22		—	NA	42	
	82.2		0.31		—	NA	4	J-QC/FFD/RPO
	75.7		0.37		—	NA	1	J-QC/FFD/RPO
	84.5		0.34		—	NA	3	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	<1	KJ-QC/FFD/RPO
	64.0		0.33		—	NA	<1	K
	106.0		0.15		—	NA	16	
	149.2		0.41		—	NA	<1	K
	121.6		0.18		—	NA	10	
[redacted]								
NAPEFAI/EQF	—	NAPEFAI/EQF	0.43		—	NA	4	
	110.5		1.00		—	NA	3	J-QC/FLD/RPO
	128.9		0.14		—	NA	142	
	122.1		0.29		—	NA	4	J-QC/FFD/RPO
	117.9		0.20		—	NA	6	J-QC/FFB
	102.7		0.25		—	NA	10	J-QC/FLD/RPO
	99.4		0.19		—	NA	36	
	97.6		0.15		—	NA	8	J-QC/FFD/FLDRPO
	98.3		0.25		—	NA	11	
NA	—	NA	—	NA	—	NA	8	
	94.8		0.27		—	NA	12	J-QC/FFD/RPO
	105.4		0.26		—	NA	4	

		104.2		0.19		—	NA	8	
		141.1		0.16		—	NA	8	
		102.5		0.25		—	NA	8	
		80.2		0.29		—	NA	10	J-QC/FFD/RPO
		49.3		0.34		—	NA	4	
		82.6		0.33		—	NA	5	J-QC/FFD/RPO
		107.3		0.32		—	NA	11	
		107.7		0.20		—	NA	28	
		101.2		0.16		—	NA	10	
		113.3		0.11		—	NA	22	
	NA	—	NA	—	NA	—	NA	22	
		100.9		0.11		—	NA	2	
		111.7		0.17		—	NA	3	
		151.2		0.15		—	NA	11	J-QC/FFD/RPO
		98.0		0.18		—	NA	4	J-QC/FFD/RPO
	NA	—	NA	—	NA	—	NA	7	J-QC/FFD/RPO
		103.2		0.21		—	NA	3	
	NA	—	NA	—	NA	—	NA	4	
		101.4		0.17		—	NA	6	J-QC/FFD/FLDRPO
[redacted]									
[redacted]		111.0	[redacted]	0.21		—	NA	5	J-QC/FFD/RPO
[redacted]		173.3	[redacted]	0.24		—	NA	4	J-QC/FFD/RPO
[redacted]		116.3	[redacted]	0.26		—	NA	4	J-QC/FLD/RPO
[redacted]		76.1	[redacted]	0.35		—	NA	8	
[redacted]		91.5	[redacted]	0.21		—	NA	14	J-QC/FLD/RPO
[redacted]		94.0	[redacted]	0.24		—	NA	12	
[redacted]	NA	—	NA	—	NA	—	NA	14	
[redacted]		75.6	[redacted]	0.31		—	NA	18	J-QC/FFD/FLDRPO
[redacted]	NA	—	NA	—	NA	—	NA	4	J-QC/FFD/FLDRPO
[redacted]		87.2	[redacted]	0.25		—	NA	13	
[redacted]	NA	—	NA	—	NA	—	NA	14	
[redacted]		81.8	[redacted]	0.24		—	NA	5	J-QC/FFD/RPO
[redacted]	NA	—	NA	—	NA	—	NA	8	J-QC/FFD/RPO
[redacted]		90.9	[redacted]	0.17		—	NA	10	
[redacted]	NA	—	NA	—	NA	—	NA	8	
[redacted]		82.3	[redacted]	0.25		—	NA	<1	KJ-QC/FFD/RPO
[redacted]	NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
[redacted]		97.0	[redacted]	0.21		—	NA	6	
[redacted]	NA	—	NA	—	NA	—	NA	6	
[redacted]		85.8	[redacted]	0.30		—	NA	2	J-QC/FLD/RPO
[redacted]		69.4	[redacted]	0.35		—	NA	2	J-QC/FFD/RPO
[redacted]	NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
[redacted]		65.4	[redacted]	0.37		—	NA	<1	K
[redacted]	NA	—	NA	—	NA	—	NA	<1	K
[redacted]		65.7	[redacted]	0.41		—	NA	4	
[redacted]	NA	—	NA	—	NA	—	NA	6	
[redacted]		77.5	[redacted]	0.30		—	NA	4	J-QC/FFD/RPO
[redacted]	NA	—	NA	—	NA	—	NA	10	J-QC/FFD/RPO
[redacted]		87.1	[redacted]	0.27		—	NA	5	J-QC/FFD/FLDRPO
[redacted]		77.8	[redacted]	0.26		—	NA	3	

[redacted]	103.8	[redacted]	0.26		—	NA	4	J-QC/FFD/FLDRPO
	58.4		0.30		—	NA	2	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	<1	KJ-QC/FFD/RPO
[redacted]	78.1	[redacted]	0.34		—	NA	2	J-QC/FFD/FLDRPO
	76.5		0.29		—	NA	<1	KJ-QC/FFB
NA	—	NA	—	NA	—	NA	<1	KJ-QC/FFB
[redacted]	60.5	[redacted]	0.37		—	NA	7	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/FLDRPO
[redacted]	60.1	[redacted]	0.32		—	NA	1	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	1	J-QC/FLD/RPO
[redacted]	69.1	[redacted]	0.38		—	NA	1	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/FLDRPO
	106.9		0.20		—	NA	—	NA
	115.1		0.22		—	NA	—	NA
	99.5		0.29		—	NA	—	NA
	126.7		0.35		—	NA	—	NA
	81.0		0.37		—	NA	—	NA
	119.00		0.36		—	NA	—	NA
[redacted]	98.5	[redacted]	0.41		—	NA	8	
NA	—	NA	—	NA	—	NA	10	
[redacted]								
	121.3		0.30		—	NA	4	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	5	J-QC/FLD/RPO
	107.2		0.71		—	NA	6	
	111.3		0.40		—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
	109.8		0.26		—	NA	2	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	<1	KJ-QC/FFD/FLDRPO
	112.7		0.34		—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
	129.3		0.30		—	NA	3	
NA	—	NA	—	NA	—	NA	2	
	100.8		0.30		—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
	96.7		0.28		—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
	126.5		0.31		—	NA	6	J-QC
	117.7		0.29		—	NA	20	
NA	—	NA	—	NA	—	NA	19	
	117.8		0.23		—	NA	14	
NA	—	NA	—	NA	—	NA	16	
	143.7		0.30		—	NA	10	
NA	—	NA	—	NA	—	NA	8	
	168.3		0.17		—	NA	10	J-QC/FLD/RPO
	87.0		0.22		—	NA	6	J-QC
NA	—	NA	—	NA	—	NA	8	J-QC
	134.1		0.14		—	NA	12	J-QC
NA	—	NA	—	NA	—	NA	14	J-QC
	137.9		0.14		—	NA	4	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	18	J-QC/FFD/RPO

	128.7		0.21		—	NA	4	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
	97.3		0.18		—	NA	6	
NA	—	NA	—	NA	—	NA	6	
	63.2		0.28		—	NA	4	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	5	J-QC/FFD/RPO
	112.4		0.32		—	NA	1	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/FLDRPO
	110.9		0.25		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	105.4		0.23		—	NA	4	J-QC
NA	—	NA	—	NA	—	NA	4	J-QC
	95.4		0.24		—	NA	7	J-QC
NA	—	NA	—	NA	—	NA	7	J-QC
	108.2		0.27		—	NA	<1	KJ-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	<1	KJ-QC/FLD/RPO
	105.2		0.26		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	107.1		0.33		—	NA	2	J-QC/FFD/RPO
	105.1		0.28		—	NA	<1	KJ-QC/FFD/RPO
	89.0		0.33		—	NA	2	
NA	—	NA	—	NA	—	NA	2	
	94.6		0.39		—	NA	<1	KJ-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	<1	KJ-QC/FLD/RPO
	89.7		0.36		—	NA	30	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	34	J-QC/FLD/RPO
	98.0		0.72		—	NA	7	J-QC/FFB
NA	—	NA	—	NA	—	NA	8	J-QC/FFB
[redacted]								
	107.2		0.64		—	NA	2	J-QC/FFB/FFDRPO
	105.3		0.30		—	NA	18	
NA	—	NA	—	NA	—	NA	18	
	106.6		0.17		—	NA	12	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	17	J-QC/FFD/RPO
	105.9		0.14		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	118.0		0.19		—	NA	6	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	7	J-QC/FLD/RPO
	108.3		0.18		—	NA	10	
NA	—	NA	—	NA	—	NA	8	
	100.1		0.23		—	NA	8	J-QC/FFD/FLDRPO
	115.4		0.29		—	NA	10	
NA	—	NA	—	NA	—	NA	9	
	95.1		0.26		—	NA	18	
NA	—	NA	—	NA	—	NA	18	
	119.2		0.29		—	NA	9	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	6	J-QC/FFD/FLDRPO
	109.4		0.29		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	106.3		0.20		—	NA	6	

NA	—	NA	—	NA	—	NA	8	
	96.7		0.26		—	NA	6	
NA	—	NA	—	NA	—	NA	5	
	112.9		0.38		—	NA	12	
NA	—	NA	—	NA	—	NA	13	
	103.8		0.29		—	NA	7	
NA	—	NA	—	NA	—	NA	7	
	92.8		0.35		—	NA	9	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	16	J-QC/FFD/RPO
	81.3		0.34		—	NA	4	
NA	—	NA	—	NA	—	NA	3	
	85.9		0.32		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	97.6		0.34		—	NA	7	J-QC/FLD/RPO
	74.5		0.37		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	100.9		0.43		—	NA	4	
	101.9		0.46		—	NA	2	
	84.3		0.30		—	NA	1	
NA	—	NA	—	NA	—	NA	<1	K
	99.3		0.24		—	NA	7	
NA	—	NA	—	NA	—	NA	8	
	105.7		0.23		—	NA	16	
NA	—	NA	—	NA	—	NA	16	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.62	<2	<0.09	0.010
0.96	10	<0.09	0.017
[redacted]			
0.36	<2	<0.09	0.012
1.36	<2	<0.19	0.022
0.97	2	<0.19	0.021
0.10	14	<0.19	0.016
0.88	3	<0.19	0.011
0.89	2	<0.19	0.018
1.45	2	<0.19	0.029
1.02	2	0.25	0.019
0.69	2	<0.19	0.026
0.96	3	<0.19	0.049
0.84	2	<0.19	0.030
0.88	3	<0.19	0.032
0.85	2	<0.19	0.031
3.24	<2	<0.19	0.036
3.71	<2	<0.19	0.029
2.93	2	<0.19	0.033
2.72	<2	<0.19	0.023
3.43	2	<0.19	0.142
0.84	4	<0.19	0.025
0.66	2	<0.19	0.030
2.79	5	<0.19	0.030
1.76	3	<0.19	0.023
1.98	4	<0.19	0.024
1.28	<2	<0.19	0.015
1.80	<2	<0.19	0.017
1.25	<2	<0.19	0.014
1.01	<2	<0.19	0.011
0.85	3	<0.19	0.032
1.12	<2	<0.19	0.017
0.57	<2	<0.19	0.013
0.74	<2	<0.19	0.016
0.57	13	<0.19	0.011
[redacted]			
0.70	4	<0.19	0.014
0.90	<2	<0.19	0.025
<1.00	<2	<0.19	0.019
<1.00	<2	<0.19	0.018
0.97	<2	<0.19	0.020
0.66	<2	<0.19	0.018
0.76	<2	<0.19	0.027
0.79	<2	<0.19	0.023
0.90	<2	<0.19	0.043
0.91	<2	<0.27	0.078

1.31	—	<0.27	0.076
<1.00	<2	<0.27	0.038
1.32	<2	<0.27	0.032
0.84	—	<0.27	0.029
1.23	—	<0.27	0.022
1.31	<2	<0.27	0.029
1.56	<2	<0.27	0.020
1.98	3	<0.27	0.024
1.55	<2	<0.27	0.031
1.37	<2	<0.27	0.028
1.23	<2	<0.27	0.034
1.39	7	<0.27	0.030
1.19	<2	<0.27	0.043
1.58	<2	<0.27	0.044
1.42	<2	<0.27	0.022
1.06	<2	<0.27	0.020
0.92	<2	<0.27	0.020
0.91	4	<0.27	0.020
<1.00	<2	<0.27	0.020
0.65	<2	<0.27	0.020
0.59	<2	<0.27	0.010
[redacted]			
0.58	<2	<0.27	0.01
0.56	<2	<0.27	0.013
<1.00	<2	<0.27	0.013
0.89	<2	<0.27	0.013
<1.00	<2	<0.27	0.019
1.02	<2	<0.27	0.037
1.00	3	<0.27	0.063
<1.00	<2	<0.295	0.039
1.65	2	<0.295	0.024
0.60	—	<0.295	0.054
1.43	—	<0.295	0.026
1.62	—	<0.295	0.034
1.76	5	<0.295	0.047
1.61	<2	<0.295	0.028
1.44	<2	<0.295	0.030
1.28	<2	<0.295	0.035
1.17	<2	<0.295	0.039
1.39	<2	<0.295	0.028
1.06	<2	<0.295	0.022
1.24	—	<0.295	0.028
1.20	<2	<0.295	0.023
1.56	3	<0.295	0.033
1.14	<2	<0.295	0.026
2.09	<2	<0.295	0.022
2.13	<2	<0.295	0.034
0.63	—	<0.295	0.011
<0.30	<2	<0.295	—
1.02	—	<0.295	0.013

0.47		—		<0.295		0.019
0.71		<2		<0.295		0.019
0.70		<2		<0.295		0.018
0.85		—		<0.295		0.007
0.78		5		<0.295		0.013
0.92		<2		<0.295		0.018
[redacted]						
1.15		<2		<0.295		0.013
0.72		<2		<0.295		0.012
0.50		<2		<0.295		0.012
0.71		<2		<0.295		0.029
0.74		<2		<0.295		0.029
0.79		<2		<0.295		0.017
0.53		<2		0.139		0.008
0.67		<2		0.120		0.012
0.76		<2		0.139		0.010
0.90		<2		0.120		0.028
0.63		<2		0.273		0.032
0.72		4		0.278		0.050
0.93		<2		0.273		0.116
0.78		<2		0.056		0.047
0.93		<2		0.134		0.054
0.88		<2		0.143		0.054
0.87		<2		0.139		0.028
0.82		<2		0.130		0.031
[redacted]						
[redacted]						
[redacted]						
—	NAPQNS	<2	K	0.130		0.017
1.78	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	0.198		0.050
1.60	BJ-QC/FBK/FFB	<2	K	<0.018	KJ-QC/FMS	0.015
1.50	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.029
1.25	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.125		0.051
1.11	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.136		0.051
1.20	BJ-QC/FBK/FFB	<2	K	0.209	J-QC/FFB	0.048
1.97	J-QC/FFB	3	J-QC/FFB	0.146		0.026
0.82	J-QC/FLS	<2	KJ-QC/FLS	0.052	J-QC/FFD/RPO	0.012
1.05	J-QC/FFB	<2	KJ-QC/FLS	0.168		0.020
1.06	J-QC/FFB	<2	KJ-QC/FLS	0.153		0.021
0.97	BJ-QC/FBK/FFB	<2	K	0.097		0.018
0.97	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	<0.018	K	0.019
1.18		<2	K	0.127		0.022
1.35	BJ-QC/FBK/FFB	<2	K	0.092		0.018
1.28	J-QC/FLS	<2	K	0.071		0.019
1.26	B/FBK	<2	K	<0.018	K	0.021
1.44	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPO	<0.018	K	0.019
1.50	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.023
1.33	BJ-QC/FBK/FFBFLDRPO	<2	K	0.061	J-QC/FSL	0.020

1.34	BJ-QC/FBK/FFBFLDRPO	<2	K	0.056	J-QC/FSL	0.020
2.05	BJ-QC/FBK/FFBFLDRPOFLS	—	NAPQNS	<0.018	K	0.019
1.09	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.018	K	0.017
0.93	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.018	K	0.015
1.36	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.310		0.028
—	NAPQNS	4	J-QC/FFD/RPO	0.030	J-R	0.012
[redacted]						
1.31	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.056		0.015
1.14	BJ-QCJ-HT/FBK/FFBEHT	2	J-QC/FFD/RPO	0.160		0.027
1.21	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FFD/RPO	0.175		0.027
1.08	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.105		0.0073
1.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	KJ-QC/FMS	0.0086
1.90	BJ-QC/FBK/FFB	<2	K	0.221	J-QC/FFB	0.0124
1.84	BJ-QC/FBK/FFB	<2	K	0.262		0.0241
1.77	BJ-QC/FBK/FFBFLS	<2	K	0.070		0.0255
1.98	BJ-QC/FBK/FFBFLS	<2	K	0.055		0.0270
1.92	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.0365	J-QC/FFD/RPO	0.0271
2.45	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	KJ-QC/FFD/RPOFMS	0.0258
1.75	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.070		0.0261
1.81	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.060		0.0247
1.83	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.020	J-R	0.0212
5.02	BJ-QC/FBK/FFBFLS	4	J-QC/FFD/RPO	0.070		0.0234
3.36	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FLS	<0.0175	K	0.0362
2.23	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.136		0.0219
1.89	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.101		0.0243
1.69	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.110		0.0255
1.26	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.100		0.0194
1.32	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.173		0.0289
1.76	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.094		0.0146
1.98	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.026	J-R	0.0193
1.30	BJ-QC/FBK/FFBFLS	<2	K	0.037		—
1.45	BJ-QC/FBK/FFB	<2	K	0.058		0.0333
1.15	BJ-QC/FBK/FFB	<2	K	0.052		0.0339
1.47	BJ-QC/FBK/FFBFLS	<2	K	0.115		0.0362
1.78	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFB	0.042		0.0135
1.91	BJ-QC/FBK/FFBFLSEHT	<2	K	0.035		0.0146
2.02	BJ-QC/FBK/FFB	<2	K	0.086	J-QC/FFD/RPO	0.0111
[redacted]						
1.54	BJ-QC/FBK/FFBFLS	<2	K	0.146		0.0298
1.41	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.418		0.0256
1.86	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.251		0.0181
1.50	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.052	J-R	0.0101
1.70	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.033	J-R	0.0055
1.69	BJ-QC/FBK/FFB	<2	K	0.125		0.0159
1.38	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFD/RPOFLS	0.234		0.0176
1.24	BJ-QC/FBK/FFBFLS	<2	K	0.060		0.0157
1.41	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.114		0.0258
1.32	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.136		—
1.37	BJ-QC/FBK/FFBFLS	<2	K	0.103		0.0312
1.08	BJ-QC/FBK/FFBFLS	<2	K	0.125	J-QC/FSL	0.0397

2.00	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FFD/RPO	0.103		0.0228
1.41	BJ-QC/FBK/FFB	7		0.174		0.0164
1.69	BJ-QC/FBK/FFBFLS	<2	K	0.075		0.0192
1.71	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.149	J-QC/FFB	0.0187
1.37	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.038	J-R	0.0258
1.24	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.120		0.0201
1.49	BJ-QC/FBK/FFBFLS	<2	K	0.490		0.0169
1.70	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.245		0.0178
1.48	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.087		0.0113
1.54	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.125	J-QC/FMS	0.0126
0.97	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.103	J-QC/FMS	0.0124
1.30	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.044	J-R	0.0116
1.68	BJ-QC/FBK/FFBFLS	<2	K	0.149		0.0145
1.19	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.129		0.0159
2.16	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.129		0.0131
2.17	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.113		0.0137
2.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.165	J-QC/FSL/FMS	0.0152
2.83	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.154	J-QC/FSL/FMS	0.0149
1.60	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.057	J-R	0.0240
[redacted]						
1.55	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FFD/RPO	<0.0293		0.0143
1.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.087	J-QC/FSL	0.0135
1.91	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.160	J-QC/FFD/RPO	0.0281
1.94	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.073	J-RJ-QC/FLD/RPOFMS	0.0361
6.87	BJ-QC/FBK/FFB	<2	K	0.209		0.0325
4.51	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.267	J-QC/FSL/FMS	0.0324
2.71	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.251	J-QC/FSL/FMS	0.0334
1.83	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.141		0.0569
2.06	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.120		0.0598
1.89	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.183		0.0326
1.84	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.199		0.0340
1.89	BJ-QC/FBK/FFBFLDRPO	<2	K	0.178	J-QC/FSL	0.0457
2.00	BJ-QC/FBK/FFBFLDRPO	<2	K	0.152	J-QC/FSL	0.0449
1.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.146	J-QC/FMS	0.0269
1.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.131	J-QC/FMS	0.0276
1.95	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.099	J-QC/FMS	0.0303
2.00	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.110	J-QC/FMS	0.0310
1.41	BJ-QC/FBK/FFBFFDRPO	<2	K	0.120	J-QC/FMS	0.0239
0.51	BJ-QC/FBK/FFBFFDRPO	<2	K	0.110	J-QC/FMS	0.0236
1.48	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.120		0.0323
1.52	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.074	J-RJ-QC/FMS	0.0320
1.63	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.090	J-QC/FMS	0.0312
1.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	0.169	J-QC/FMS	0.0240
1.77	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FFD/RPO	0.148	J-QC/FMS	0.0242
1.52	BJ-QC/FBK/FFBFLS	<2	K	0.158	J-QC/FSL/FMS	0.0242
1.53	BJ-QC/FBK/FFBFLS	<2	K	0.174	J-QC/FSL/FMS	0.0332
1.93	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.090		0.0271
1.90	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.084		0.0275
1.90	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.042	J-R	0.0275
1.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FMS	0.0255

1.88	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.090		0.0215
1.38	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.063	J-R	0.0207
1.38	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.048	J-R	0.0214
1.73	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.079		0.0195
1.81	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.042	J-R	0.0252
1.79	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.042	J-R	0.0250
1.26	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0378	K	0.0184
1.24	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0378	K	0.0185
1.57	BJ-QC/FBK/FFBFLS	<2	K	0.095	J-QC/FMS	0.0200
1.27	BJ-QC/FBK/FFBFLS	<2	K	0.084	J-QC/FMS	0.0196
1.49	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.174	J-QC/FMS	0.0216
1.61	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.153	J-QC/FMS	0.0211
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	K	0.374		0.0399
—	NA	<2	K	0.348		0.0389
[redacted]						
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.151	J-QC/LLS/FMS	0.0261
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.166	J-QC/LLS/FMS	0.0272
—	NA	<2	KJ-QC/FMS	0.120	J/LLS	0.0197
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.051	J-QC/LLS/FMS	0.0150
—	NA	<2	KJ-QC/FMS	0.051	J-QC/LLS/FMS	0.0166
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0232
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0231
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.176	J-QC/LLS/FFDRPO	0.0462
—	NA	<2	KJ-QC/FMS	0.182	J/LLS	0.0362
—	NA	<2	KJ-QC/FMS	0.165	J/LLS	0.0372
1.22	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.250	J-QC/LLS/FMS	0.0358
1.69	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.227	J-QC/LLS/FMS	0.0367
1.63	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.131	J-QC/LLS/FMS	0.0412
1.87	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.108	J-QC/LLS/FMS	0.0434
1.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.057	J-QC/LLS/FSLFMS	0.0169
2.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.114	J-QC/LLS/FSLFMS	0.0309
2.04	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.114	J-QC/LLS/FSLFMS	0.0311
1.81	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.119	J-QC/LLS/FSLFMS	0.0147
1.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.131	J-QC/LLS/FSLFMS	0.0144
1.53	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.091	J-QC/LLS/FMS	0.0146
1.61	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.079	J-QC/LLS/FMS	0.0145

1.78	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.125	J-QC/LLS/FMS	0.0224
1.75	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.114	J-QC/LLS/FMS	0.0210
1.75	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0309
0.83	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0315
1.96	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.096	J-R/LLS	0.0374
1.86	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.108	J-R/LLS	0.0384
1.50	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	K	0.0252
1.59	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	K	0.0249
1.26	BJ-QC/FBK/FFBFLDRPO	<2	K	<0.0911	KJ-QC/FSL	0.0165
1.18	BJ-QC/FBK/FFBFLDRPO	<2	K	<0.0911	KJ-QC/FSL	0.0172
1.16	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0162
1.65	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0167
1.59	BJ-QCJ-HT/FBK/FLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0165
1.70	BJ-QCJ-HT/FBK/FLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0177
1.26	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0157
1.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0159
1.20	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0213
1.13	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0211
1.28	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0311
1.49	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.187	J/LLS	0.0212
1.19	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	0.108	J-R/LLS	0.0214
1.29	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	0.133	J-R/LLS	0.0217
1.55	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	KJ-QC/FFD/RPO	0.0261
0.99	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.102	J-RJ-QC/LLS/FFDRPO	0.0270
1.92	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.190	J-QC/LLS/FFB	0.0227
2.06	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.206	J-QC/LLS/FFB	0.0252
1.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.375	J/LLS	0.0174
1.48	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.359	J/LLS	0.0188
[redacted]						
1.71	BJ-QCJ-HT/FBK/FFB	<2	KJ-QC	—	A/LBF	0.0297
1.99	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.193	J-QC/LLS/FFBFFDRPO	0.0158
1.94	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.290	J-QC/LLS/FFBFFDRPO	0.0183
1.84	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.131	J/LLS	0.0123
1.66	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.136	J/LLS	0.0127
1.67	BJ-QC/FBK/FFB	<2	K	0.119	J/LLS	0.0088
1.54	BJ-QC/FBK/FFB	<2	K	0.085	J/LLS	0.0071
1.52	BJ-QC/FBK/FFB	<2	K	0.125	J/LLS	0.0103
1.63	BJ-QC/FBK/FFB	<2	K	0.136	J/LLS	0.0104
1.46	BJ-QC/FBK/FFB	<2	K	0.091	J/LLS	0.0158
1.67	BJ-QC/FBK/FFB	<2	K	0.114	J/LLS	0.0159
1.68	BJ-QC/FBK/FFBFLDRPO	<2	K	0.222	J-QC/LLS/FSL	0.0265
1.86	BJ-QC/FBK/FFBFLDRPO	<2	K	0.097	J-QC/LLS/FSL	0.0312
1.74	BJ-QC/FBK/FFBFLDRPO	<2	K	0.102	J-QC/LLS/FSL	0.0343
1.90	BJ-QC/FBK/FFBFMS	<2	K	0.159	J/LLS	0.0317
1.93	BJ-QC/FBK/FFBFMS	<2	K	0.170	J/LLS	0.0306
1.85	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.089	J-QC/LLS	0.0313
1.93	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.050	J-RJ-QC/LLS	0.0317
1.89	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FSL	0.0368
1.90	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FSL	0.0341
1.70	BJ-QC/FBK/FFB	<2	KJ-QC	0.084	J/LLS	0.0256

1.75	BJ-QC/FBK/FFB	<2	KJ-QC	0.117	J/LLS	0.0259
1.65	BJ-QC/FBK/FFBFMS	<2	K	0.061	J/LLS	0.0208
1.70	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	K	0.0205
1.11	BJ-QC/FBK/FFBFFDRPOFMS	<2	K	0.067	J-QC/LLS/FSL	0.0247
1.66	BJ-QC/FBK/FFBFFDRPOFMS	<2	K	0.045	J-RJ-QC/LLS/FSL	0.0249
1.98	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	<0.0267	KJ-QC/FFB	0.0740
1.79	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	<0.0267	KJ-QC/FFB	0.0763
1.76	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC/FLS	<0.0267	KJ-QC/FSL	0.0178
1.62	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC/FLS	<0.0267	KJ-QC/FSL	0.0169
1.57	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	<0.0267	K	0.0183
1.71	BJ-QCJ-HT/FBK/FFBFMS	6		<0.0267	K	0.0181
1.36	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0158
1.65	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0161
1.52	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0200
1.24	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	K	0.0136
1.27	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	K	0.0137
1.46	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0179
1.49	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.0227
1.99	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.051	J-R/LLS	0.0127
1.57	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.074	J/LLS	0.0137
1.53	BJ-QC/FBK/FFBFMS	<2	K	0.041	J-R/LLS	0.0142
1.54	BJ-QC/FBK/FFBFMS	3		0.047	J-R/LLS	0.0151
1.61	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	KJ-QCJ-HT/FLS	<0.0267	K	0.0260
1.62	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	KJ-QCJ-HT/FLS	<0.0267	K	0.0276

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	1.12	0.150	0.11	2.27
	0.73	0.125	0.09	0.89
[redacted]				
	1.19	0.184	0.10	1.45
	1.31	0.127	0.11	2.14
	1.78	0.202	0.14	2.77
	1.18	0.122	0.08	5.15
	1.16	0.164	0.12	13.6
	1.47	0.164	0.16	5.8
	1.26	0.214	0.09	10.7
	0.97	0.225	0.20	15.0
	1.50	0.233	0.22	8.3
	2.03	0.359	0.34	3.2
	1.94	0.303	0.32	3.8
	3.38	0.386	0.36	23.8
	0.84	0.348	0.32	20.3
	1.92	0.382	0.37	10.6
	2.63	0.586	0.54	56.0
	2.64	0.795	0.68	8.5
	1.64	0.308	0.31	1.89
	1.33	0.281	0.17	4.63
	1.27	0.288	0.25	1.83
	2.78	0.424	0.39	1.62
	1.73	0.334	0.32	2.04
	1.11	0.213	0.22	3.75
	2.98	0.335	0.32	2.43
	1.77	0.237	0.30	0.61
	0.79	0.213	0.16	4.91
	2.62	0.428	0.40	1.83
	0.95	0.156	0.17	2.43
	2.46	0.323	0.30	2.24
	2.64	0.473	0.45	0.82
	1.68	0.250	0.26	3.06
	0.69	0.240	0.16	5.19
	0.81	0.096	0.12	2.10
[redacted]				
	0.93	0.084	0.09	3.23
	2.16	0.169	0.22	0.52
	1.31	0.162	0.17	3.30
	1.75	0.171	0.16	3.22
	1.62	0.145	0.15	8.95
	1.38	0.182	0.15	16.01
	1.60	0.207	0.20	12.74
	2.02	0.315	0.29	17.26
	2.06	0.358	0.33	10.61
	2.83	0.511	0.50	—

2.74	0.469	—	—
2.63	0.377	0.39	—
2.47	0.527	0.50	—
2.86	0.515	—	—
1.66	0.345	—	—
2.87	0.488	0.47	—
2.15	0.638	0.61	—
2.82	0.600	0.64	—
2.94	0.787	0.91	—
3.36	0.522	0.49	—
3.95	0.689	0.67	—
3.93	0.591	0.73	—
4.74	0.977	0.96	—
2.19	0.588	0.62	—
4.91	0.754	0.74	—
1.28	0.260	0.24	—
1.10	0.152	0.16	—
2.34	0.280	0.27	—
1.42	0.180	0.18	—
1.74	0.190	0.19	—
1.23	0.120	0.12	—
[redacted]			
1.16	0.09	0.07	—
1.02	0.10	0.05	—
0.93	0.079	0.08	—
1.71	0.085	0.12	—
2.43	0.234	0.23	—
3.04	0.301	0.26	—
2.28	0.311	0.35	—
2.08	0.353	0.35	—
1.29	0.264	0.23	—
1.87	0.353	—	—
0.94	0.186	—	—
1.29	0.250	—	—
1.97	0.381	0.37	—
0.88	0.192	0.15	—
0.81	0.211	0.20	—
2.21	0.334	0.26	—
1.56	0.281	0.30	—
0.90	0.336	0.31	—
1.13	0.325	0.31	—
1.89	0.360	—	—
1.14	0.295	0.27	—
2.57	0.370	0.33	—
2.93	0.520	0.50	—
2.64	0.533	0.50	—
1.97	0.313	0.31	—
0.82	0.202	0.13	—
1.78	0.311	0.29	—
1.22	0.237	0.22	—

	2.73		0.317		0.33	—
	2.56		0.318		0.31	—
	0.98		0.202		0.14	—
	1.11		0.107		0.11	—
	1.17		0.145		0.14	—
	2.64		0.242		0.25	—
	1.11		0.143		0.19	4.0
	1.36		0.158		0.10	3.7
	2.36		0.250		0.20	1.6
	3.17		0.249		0.24	9.2
	3.24		0.234		0.23	10.3
	1.83		0.152		0.12	2.5
	0.656		0.090		0.56	31.7
	1.32		0.133		0.10	46.0
	0.761		0.134		0.12	18.8
	0.904		0.309		0.22	14.0
	2.26		0.308		0.25	4.5
	2.48		—		0.31	4.4
	2.05		0.382		0.31	7.5
	2.16		0.347		0.31	3.4
	2.17		0.382		0.41	<3.0
	2.34		0.382		0.39	<3.0
	2.93		0.338		0.34	<3.0
	2.87		0.360		0.34	<3.0
	1.96	J-QC/FFB	0.32		0.29	4.9
	2.31		0.32	J-QC/FFD/RPO	0.27	11.7
	0.743		0.21		0.15	<2.4
J-QC/FFB	1.90		0.23		0.20	<2.4
	2.75		0.29		0.27	1.5
	2.80		0.27		0.25	1.6
J-QC/FFB	2.34		0.32		0.31	0.4
	1.21		0.22		0.24	J-QC/FFD/RPO 0.4
	0.500		0.14		0.12	J-QC/FFD/RPO 1.9
J-QC/FFB	1.50		0.25		0.20	4.5
J-QC/FFB	1.50		0.25		0.20	4.3
J-HT/EHT	1.95	J-QC/FFB	0.21		0.19	4.7
	1.89	J-QC/FFB	0.24		0.19	10.0
	2.08		0.29		0.27	3.3
J-QC/FFB	1.06		0.24		0.15	3.5
	1.28		0.36		0.26	2.7
	1.93	J-QC/FFB	0.27		0.22	1.4
	0.976		0.20	J-QC/FFB/FFDRPO	0.17	2.0
	1.84		—	NAP	0.31	J-QC/FFB 0.9
J-QC/FFB	2.77		0.27		0.25	2.4

J-QC/FFB	2.76		0.27		0.27		2.5
	2.91		0.25	J-QC/FFD/RPO	0.25		0.8
	2.92		0.34		0.47	J-MIJ-QC/FFD/RPO	—
	2.92	J-QC/FFD/RPO	0.36		0.33		0.5
J-QC/FFB	2.11		0.26		0.25		2.3
J-QC/FFB	0.813		0.11		0.09		1.9
[redacted]							
	1.27		0.09	J-QC/FLD/RPO	0.07		1.2
J-QC/FFB	1.01		0.08		0.07		2.4
J-QC/FFB	0.981		0.08		0.07		2.9
J-R	0.944		0.09	J-QC/FFD/RPO	0.06		6.8
J-R	0.493		0.09		0.06		6.5
	0.751		0.19		0.15		7.5
	1.34	J-QC/FFD/RPO	0.23	J-QC/FFD/RPO	0.20		3.8
J-QC/FFB	1.80		0.25		0.23		7.7
J-QC/FFB	1.87		0.26		0.23		7.8
	1.78	J-QC/FFD/RPO	0.25	J-QC/FFB/FFDRPO	0.24		3.9
	2.69		0.30	J-QC/FFD/RPO	0.28	J-QC/FLS	50.2
J-QC/FFB	2.27		0.34		0.31		5.7
J-QC/FFB	2.30		0.32		0.29		6.4
	2.45		0.30		0.27		17.2
	2.35		0.46	J-QC/FFB	0.40		112.8
	2.90	J-QC/FFD/RPO	0.59	J-QC/FFB/FFDRPO	0.48		53.0
	1.52		0.37		0.33		17.9
	1.97		0.40		0.37		22.2
	2.66		0.48		0.44		14.7
	3.40		0.55		0.51		4.2
	4.36		0.58		0.54		2.1
	1.65		0.28		0.24		—
	2.22	J-QC/FFD/RPO	0.36		0.33		1.5
NAPQNS	—	NAPQNS	0.56		0.55		<1.3
	3.97		0.45		0.43		<1.3
	4.00		0.42		0.40		<1.3
	3.44		0.72	J-QC/FLS	0.58		<1.3
	0.914		0.32		0.20		<1.3
	3.54		0.53	J-QC/FFD/RPO	0.54		1.3
J-R	1.09		0.18	J-QC/FFD/RPO	0.15		3.3
[redacted]							
	2.7300	J-QC/FLS	0.28	J-QC/FFD/RPO	0.23		2.2
	2.9600	J-QC/FFB	0.21		0.19		4.2
J-QC/FFD/RPO	0.6373	J-QC/FFD/RPO	0.26		0.04	J-R	16.7
J-QC/FFB/FFDRPO	1.7003		0.12		0.08		14.3
J-R	0.4622	J-QC/FFD/RPO	0.10	J-QC/FFD/RPO	0.08		7.3
	1.2008	J-QC/FFD/RPO	0.16		0.14	J-QC/FFD/RPO	8.3
	0.8790		0.13	J-QC/FFD/RPO	0.13		6.1
J-QC/FFB/FFDRPO	0.6515	J-QC/FLS	0.11		0.09		3.3
J-QC/FFB	1.3069	J-QC/FLS	0.27		0.24		7.45
A/LBF	1.2640	J-QC/FLS	0.25		0.22		7.93
	2.2485		0.30		0.29		7.28
	1.6990	J-QC/FLS	0.21	J-QC/FFB	0.20		—

	0.9767		0.22	J-QC/FFD/RPOFLS	0.15		4.7
	0.6102		0.13		0.10		2.8
J-QC/FFB	1.5489		0.21		0.17	J-QC/FFD/RPO	2.7
J-QC/FFB	2.0424		—	NAPQNS	—	NAPQNS	35.2
J-QC/FFB	1.0531	J-QC/FLS	0.38		0.37		11.0
J-QC/FFB	2.3351		0.31		0.30		9.9
	1.8946	J-QC/FFB/FFDRPO	0.29		0.21	J-QC/FFD/RPO	18.8
J-QC/FFB	1.3139		0.16		0.18		4.8
	0.5825		0.16		0.15		2.5
	0.4287		0.12	J-QC/FLD/RPOFLS	0.10	J-QC/FFB	3.02
	0.4223		0.12	J-QC/FLD/RPOFLS	0.11	J-QC/FFB	2.97
	0.4042	J-QC/FLS	0.06	J-QC/FLS	0.10	J-QC/FFD/RPO	1.51
J-QC/FFB	0.8334		0.17		0.14		1.59
J-QC/FFB	1.0773		0.15	J-QC/FFB/FLDRPO	0.08		1.41
J-QC/FFB	1.0461		0.13		0.11		<0.913
J-QC/FFB	0.9950		0.16		0.11		<0.913
J-QC/FFB	0.9454		0.16		0.10		1.09
J-QC/FFB	0.8489		0.12		0.10		1.00
J-QC/FFB	1.1097		0.12		0.10		11.5
[redacted]							
	1.6735	J-QC/FLS	0.15		0.13		4.38
J-QC/FFB	1.1056	J-QC/FFB	0.13		0.12		19.9
J-QC/FFB	1.8578	J-QC/FLS	0.16		0.13		4.50
	2.5862		0.29		0.22		21.5
J-QC/FFB	2.0117	J-QC/FFB	0.30		0.27		14.4
J-QC/FFB	1.7816		0.27		0.22		2.71
J-QC/FFB	1.8974		0.26		0.22		2.89
J-QC/FFB	2.5331		0.36		0.34		6.45
J-QC/FFB	2.5355		0.35		0.31		5.67
J-QC/FFB	2.0281		0.25		0.23		1.52
J-QC/FFB	2.0034		0.24		0.22		1.43
J-QC/FFB	1.5051		0.25	J-QC/FFD/RPO	0.23	J-QC/FFD/RPO	1.16
J-QC/FFB	1.5057		0.15	J-QC/FFD/RPO	0.12	J-QC/FFD/RPO	1.32
J-QC/FFB	0.8928	J-QC/FFD/RPO	0.18		0.15		1.60
J-QC/FFB	1.2350	J-QC/FFD/RPO	0.17		0.14		1.95
J-QC/FFB	1.1812	J-QC/FLS	0.28		0.26		1.27
J-QC/FFB	1.1991	J-QC/FLS	0.30		0.26		1.38
J-QC/FFB	1.4031		0.25		0.25		0.90
J-QC/FFB	1.5207		0.23		0.22		0.80
J-HT/EHT	2.5658	J-QC/FFB/FLS	0.30		0.27		0.99
J-QC/FFB	3.1687	J-QC/FFB/FLS	0.35		0.33		0.94
J-QC/FFB	3.1734	J-QC/FFB/FLS	0.34		0.33		0.99
J-QC/FFB	2.9173		0.41		0.40		0.76
J-QC/FFB	2.8463		0.39		0.39		0.70
J-QC/FFB/FFDRPO	0.3018		0.47		0.44		1.44
J-QC/FFB/FFDRPO	0.3993		0.46		0.40		1.56
	2.5137		0.40		0.34		0.570
	2.4103		0.38		0.33		0.655
J-HT/EHT	1.7637	J-QC/FLS	0.30		0.26		1.30
	2.5926		0.36		0.31		0.585

	2.1168		0.22		0.21		0.95
J-QC/FFB	1.8123	J-HT/EHT	0.28		0.26		0.86
J-QC/FFB	1.8599	J-HT/EHT	0.25		0.25		0.72
	3.6405		0.39		0.38		1.28
	2.5623		0.35		0.33		0.69
	2.5929		0.33		0.32		0.412
	3.1880		0.44		0.41		0.53
	3.2145		0.42		0.40		0.70
	3.0443		0.40		0.39		0.395
	3.1691		0.43		0.38		0.306
	3.6666	J-HT/EHT	0.60	J-QC/FFB	0.58		0.318
	3.7008	J-HT/EHT	0.58		0.58		0.295
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
J-QCJ-HT/FFB/EHT	2.7159		0.41		0.38		8.26
J-QCJ-HT/FFB/EHT	2.7698		0.40		0.37		10.2
[redacted]							
	1.5533		0.20	J-QC	0.17	J-QC	2.42
	1.5540		0.15	J-QC	0.14	J-QC	2.66
	1.5550	J-QC/FFB	0.14	J-QC	0.13	J-QC	1.29
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
	0.9904	J-QC/FFB	0.13	J-QC	0.09	J-QC	6.21
	0.9112	J-QC/FFB	0.10	J-QC	0.08	J-QC	6.64
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
	2.2633		0.18	J-QC	0.14	J-QC	4.89
	1.8919		0.17	J-QC	0.14	J-QC	5.40
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
	2.6867	J-QC/FFB	0.28	J-QC	0.24	J-QC	8.73
	0.3891		0.33	J-QC/FFD/RPO	0.21	J-QC/FSL	4.48
	0.4045		0.24	J-QC/FFD/RPO	0.18	J-QC/FSL	8.25
	0.8693		0.32	J-QC/FFD/RPO	0.17	J-QC/FLD/RPO	2.23
	0.8992		0.22	J-QC/FFD/RPO	0.16	J-QC/FLD/RPO	0.951
	1.9148		0.32		0.25		0.967
	1.8914		0.27		0.23		0.950
	0.6697		0.22	J-QC	0.13	J-QC	1.04
J-QC/FFB	1.1069		0.31		0.25	J-QC/FLD/RPO	<0.231
J-QC/FFB	1.0265		0.27		0.23	J-QC/FLD/RPO	0.783
J-QCJ-HT/FFB/EHT	0.6369		0.20	J-QC/FFD/RPO	0.13	J-QC/FLD/RPO	1.75
J-QCJ-HT/FFB/EHT	0.6006		0.13	J-QC/FFD/RPO	0.12	J-QC/FLD/RPO	2.09
	0.4734		0.14		0.12	J-QC	1.29
	0.4761		0.13		0.11	J-QC	1.51

	0.7044	J-QCJ-HT/FFB/EHT	0.21	J-QC/FFB/FLDRPO	0.21		<0.231
	0.7320	J-QCJ-HT/FFB/EHT	0.23	J-QC/FFB/FLDRPO	0.20		<0.231
J-QC/FFB	0.9683		0.30		0.26	J-QC/FMS	0.955
J-QC/FFB	0.9804		0.30		0.25	J-QC/FMS	0.904
	2.3675		0.25	J-QC/FSL	0.21	J-QC	0.435
	2.2910		0.20	J-QC/FSL	0.21	J-QC	0.466
	2.6673	J-QC/FLS	0.24		0.23		0.520
	2.7952	J-QC/FLS	0.22		0.22		1.26
	1.9214		0.23	J-QC/FSL	0.23		1.29
	1.9431		0.22	J-QC/FSL	0.22		1.10
	1.7256		0.26		0.25		0.710
	1.6159		0.26		0.25		1.04
	1.6274	J-QC/FFB	0.23		0.20		0.969
	1.5893	J-QC/FFB	0.21		0.19		20.9
	2.0671		0.25		0.22		0.580
	2.1035		0.25		0.21		0.820
J-QC/FFB	2.1768	J-QC/FFB	0.29		0.29		0.782
J-QC/FFB	2.1803	J-QC/FFB	0.27		0.26		0.990
J-QC/FFB	2.7089	J-QC/FLS	0.24		0.24		0.418
	2.3033	J-QC/FFB	0.31		0.30	J-QC/FMS	1.24
	3.5842	J-QC/FFB/FLS	0.39		0.36		1.50
	3.5533	J-QC/FFB/FLS	0.37		0.36		1.89
	3.6684	J-QC/FLS	0.58	J-QC	0.44	J-QC/FFD/RPO	1.43
	3.8143	J-QC/FLS	0.57	J-QC	0.32	J-QC/FFD/RPO	1.27
	4.7181		0.65		0.62		3.96
	4.5610		0.64		0.59		4.12
J-QC/FFB	2.3176	J-QCJ-HT/FFB/EHT	0.28		0.26		4.05
J-QC/FFB	2.4550	J-QCJ-HT/FFB/EHT	0.28		0.27		3.94
[redacted]							
J-QC	2.7293	J-QC/FLS	0.21		0.19	J-HT/EHT	2.79
	0.7436		0.15		0.11		2.93
	0.7469		0.12		0.09		3.02
J-QC/FFB	0.5189		0.11	J-QC/FFB	0.07		2.72
J-QC/FFB	0.4969		0.10	J-QC/FFB	0.06		3.05
J/LLS	0.2578		0.09	J-QC/FFB/FMS	0.05		2.94
J/LLS	0.2646		0.08	J-QC/FFB/FMS	0.05		3.05
J-QC/FFB	0.5460	J-QCJ-HT	0.13	J-QC/FFB	0.09	J-QC/FFB	3.36
J-QC/FFB	0.5469	J-QCJ-HT	0.11	J-QC/FFB	0.08	J-QC/FFB	2.72
J-QC/FFB	0.7455		0.13		0.08	J-QC/FFB	4.21
J-QC/FFB	0.7314		0.10		0.08	J-QC/FFB	4.75
	1.0584		0.17		0.15	J-QC/FFB	4.81
J-QC/FFB	1.8791		0.22		0.17		6.10
J-QC/FFB	1.8584		0.11		0.16		14.5
	1.5222		0.18	J-QC/FMS	0.18		14.5
	1.4703		0.18	J-QC/FMS	0.19		14.9
J-QC/FFB	2.0619		0.25		0.24		18.6
J-QC/FFB	2.0596		0.21		0.19		17.7
J-QC/FFB	1.9968	J-QC	0.26		0.25		10.7
J-QC/FFB	1.9068	J-QC	0.24		0.24		12.0
J-HT	1.2183		0.20		0.19		4.73

J-HT	1.1914		0.19		0.18		4.26
	1.4773		0.24	J-QC/FFB	0.21		8.39
	1.4983		0.25	J-QC/FFB	0.19		8.87
J-QC/FFB	2.5032		0.29		0.26		13.1
J-QC/FFB	2.7166		0.28		0.25		17.0
J-QC/FFB	2.3685		0.25		0.24		3.07
J-QC/FFB	2.3173		0.24		0.24		2.93
J-QC/FFB	2.4502	J-QC/FFD/RPO	0.40		0.37		8.71
J-QC/FFB	3.4043	J-QC/FFD/RPO	0.35		0.37		9.62
J-QC/FFB	3.3364	J-HT	0.39		0.33		8.25
J-QC/FFB	3.2485	J-HT	0.37		0.32		8.39
	3.2186		0.40		0.34		9.14
	3.4073		0.40		0.34		9.67
	3.3769		0.42		0.39		10.9
J-QC/FFB	3.3788		0.53	J-QC/FMS	0.50		12.8
J-QC/FFB	3.3007		0.52	J-QC/FMS	0.49		12.1
	4.7578		0.64	J-QC/FFB/FMS	0.59		4.75
J-QC/FFB	5.0168		0.64		0.63		9.23
	2.8050	J-QC/FLS	0.50		0.41		2.98
	2.6537	J-QC/FLS	0.50		0.41		3.25
J-QC/FFB	2.4428	J-QC	0.39	J-QC	0.31	J-QC	3.21
J-QC/FFB	2.5014	J-QC	0.40	J-QC	0.29	J-QC	3.06
J-QC/FFB	1.4743		0.26	J-QC	0.18	J-QC	2.72
J-QC/FFB	1.4585		0.24	J-QC	0.17	J-QC	2.65

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	7.7	0.00	0.00
	5.3	0.36	0.36
[redacted]			
	8.9	0.00	0.00
	38.0	0.00	0.00
	4.9	0.00	0.00
	5.1	0.03	0.51
	15.0	0.16	0.16
	7.7	0.00	0.06
	7.1	0.09	1.26
	16.9	0.24	0.25
	6.0	0.00	0.03
	3.9	0.10	0.10
	3.7	0.00	0.05
	7.5	0.00	0.00
	7.8	0.00	0.00
	6.0	0.00	0.00
	1.2	0.00	0.00
	3.5	0.00	0.00
	12.3	0.00	0.00
	5.7	0.00	0.00
	13.5	0.00	0.18
	19.4	0.00	0.00
	11.2	0.45	0.69
	8.5	0.00	0.00
	9.5	0.00	0.00
	<0.5	0.00	0.00
	9.3	0.00	0.00
	7.9	0.00	0.00
	6.0	0.00	0.00
	25.2	0.39	0.39
	5.1	0.00	0.00
	6.4	0.00	0.00
	6.4	0.00	0.00
	6.1	0.00	0.00
[redacted]			
	4.0	0.19	0.19
	1.0	0.00	0.00
	0.8	0.13	0.77
	1.0	0.00	0.12
	1.1	0.00	0.00
	0.7	0.00	0.00
	2.0	0.09	0.24
	0.5	0.00	0.00
	1.4	0.00	0.00
	<0.5	0.40	0.40

—	0.00	0.00	[redacted]
1.0	0.00	0.00	
5.8	0.04	0.54	
—	0.83	0.83	[redacted]
—	0.00	0.00	
7.4	0.00	0.00	
4.2	0.07	0.07	
3.7	0.00	0.00	
3.5	0.00	0.00	
3.9	0.00	0.08	
3.5	0.00	0.00	
4.9	0.00	0.00	[redacted]
3.6	0.00	0.00	
5.0	0.00	0.00	
3.0	0.00	0.12	
6.4	3.30	3.41	
8.3	0.80	0.80	
21.5	0.30	0.30	
8.8	0.00	0.00	
7.4	0.00	0.00	[redacted]
6.7	0.00	0.06	
[redacted]			
6.4	0.00	0.00	
4.7	0.00	0.00	
1.0	0.00	0.00	
4.2	0.00	0.00	
3.2	0.00	0.00	
3.0	0.00	0.00	
3.9	0.06	0.57	
3.6	0.00	0.00	
6.7	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.01	
3.5	0.41	0.41	
5.4	0.00	0.05	
6.5	0.00	0.00	
3.2	0.00	0.00	
3.7	0.12	0.13	
6.8	2.05	2.10	
7.3	0.00	0.00	
—	0.00	0.00	
8.1	0.00	0.00	
7.2	0.00	0.00	
7.2	0.00	0.00	
6.6	0.00	0.04	
6.6	0.27	0.84	
7.4	0.00	0.02	
9.9	0.00	0.00	
8.8	0.00	0.00	

	4.9		0.00	0.00
	4.0		1.86	1.86
	5.0		0.00	0.00
	4.5		0.00	0.00
	3.2		0.00	0.00
	1.7		0.00	0.00
	1.9		0.00	0.00
	1.8		0.00	0.00
	1.4		0.00	0.07
	2.1		0.00	0.42
	2.4		0.00	0.42
	2.3		0.00	0.15
	1.4		0.00	0.00
	1.9		0.00	0.00
	4.0		0.00	0.00
	3.4		0.66	0.66
	4.8		0.00	0.01
	2.8		0.00	0.00
	3.4		1.63	3.00
	5.6		0.06	0.06
	4.5		0.00	0.00
	3.0		0.00	0.00
	—		0.00	0.00
	—		0.00	0.00
J-HT/EHT	7.7		2.75	2.75
	5.7		0.54	1.15
K	9.0		0.00	0.00
K	5.5		0.00	0.15
J-R	5.7		0.00	0.00
J-R	4.4		0.00	0.00
J-R	6.8		0.00	0.00
J-R	6.6		0.00	0.00
J-R	—	NAPEFAI/EQF	0.00	0.66
	5.8	J-QC/FFB	0.08	0.08
	5.5	J-QC/FFB	0.08	0.08
	5.0		0.00	0.20
J-QC/FFB	5.5		0.00	0.00
	6.5	J-QC/FFB	0.00	0.15
	7.7		0.00	1.70
J-QC/FFD/RPO	8.2	J-QC/FFB	0.41	0.42
J-R	6.5	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	7.8	J-QC/FFB	0.01	0.11
J-R	7.2	J-QC/FFB	0.00	0.00
	5.4	J-QC/FFB	0.00	0.00

	5.1	J-QC/FFB	0.00	0.00
J-R	5.7	J-QC/FFB	0.00	0.00
NAPQNS	5.0	J-QC/FFB	0.00	0.00
J-R	5.0	J-QC/FFB	0.00	0.00
	6.0		0.00	0.00
J-R	5.7	J-QC/FFB	0.00	1.04
[redacted]				
J-R	12.20	J-QC/FFB/FFDRPOOUT	0.00	0.00
	6.80		0.00	0.00
	5.60		0.00	0.00
	5.40	J-QC/FFB/FLDRPO	0.00	0.00
	5.80		0.00	0.00
	6.32		0.00	0.03
J-QC/FSL	6.70		0.00	0.00
	4.80	J-QC/FFB	0.00	0.00
	4.20	J-QC/FFB	0.00	0.00
	5.30	J-QC/FFB	0.00	0.00
	4.82	J-QC/FFB	0.00	0.02
	4.97	J-QC/FFB	0.00	0.18
	4.06	J-QC/FFB	0.00	0.18
	4.89		0.00	0.00
	4.80		0.00	0.00
J-QC/FSL	5.20	J-QC/FFB	0.00	0.17
J-QC/FSL	4.70	J-QC/FFB	0.05	0.05
	4.80	J-QC/FFB	0.00	0.28
	4.10	J-QC/FFB	0.00	0.04
	5.60	BJ-QC/FBK/FFB	0.00	0.00
J-RJ-QC/FSL	5.30	J-QC/FFB	1.24	1.41
NAPQNS	4.80	J-QC/FFB	0.34	1.06
J-R	5.10	BJ-QC/FBK/FFB	0.00	0.00
KJ-QC/FFD/RPO	4.80	BJ-QC/FBK/FFB	0.93	1.31
K	4.50	J-QC/FFB	0.00	0.00
K	3.90	J-QC/FFB	0.00	0.00
K	4.90	J-QC/FFB	0.16	1.21
K	7.60		0.27	0.28
J-R	7.30		0.00	0.00
J-QC/FFD/RPO	8.40	J-QC/FFB	0.00	0.00
[redacted]				
J-R	4.6		0.00	0.02
	5.5	J-QC/FFB	0.10	0.10
J-QC/FFD/RPO	5.8		0.17	2.58
	4.1	J-QC/FFB/FFDRPO	0.04	0.04
	6.7	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	5.3	BJ-QC/FBK/FFB	0.00	0.00
	4.8		2.39	3.03
	6.4	B/FBK	0.03	0.03
	6.8	J-QC/FFB	0.00	0.00
	5.9	J-QC/FFB	0.00	0.00
	4.7		0.00	0.00
A/LBF	3.8	J-QC/FFB/FFDRPO	0.49	0.53

J-HT/EHT	5.0	J-QC/FFB/FFDRPO	0.00	0.00
	5.2	J-QC/FFB	0.00	0.00
	5.3	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	—	NAPQNS	0.04	0.04
	4.3	J-QC/FFB	0.39	0.39
	3.5	J-QC/FFB	0.28	0.29
	3.4	J-QC/FFB	1.32	1.32
	5.6	J-QC/FFB	0.01	7.69
	8.4		0.00	0.70
	7.5	J-QC/FFB	1.36	5.34
	7.4	J-QC/FFB	1.36	5.34
J-R	6.8	J-QC/FFB	0.00	0.00
J-R	7.6	J-QC/FFB	0.00	0.00
J-R	5.4	J-QC/FFB	0.00	0.00
K	6.1	J-QC/FFB	0.00	0.00
K	5.0	J-QC/FFB	0.00	0.00
J-R	4.6		0.00	0.00
J-R	3.7		0.00	0.00
	5.1	J-QC/FFB	0.22	0.22
[redacted]				
	4.2	J-QC/FFD/RPO	0.00	0.00
	4.3	J-QC/FFB	0.00	0.00
	3.7	J-QC/FFB	0.00	0.00
	3.2	J-QC/FFB	0.00	0.00
J-QC/FSL	6.3		0.62	0.62
	5.1		0.00	0.00
	5.4		0.00	0.00
	4.6	B/FBK	0.03	0.03
	4.9	B/FBK	0.03	0.03
	6.4		0.20	2.14
	6.3		0.20	2.14
J-QC/FSL	6.7	J-QC/FFB/FFDRPO	0.02	0.18
J-QC/FSL	4.9	J-QC/FFB/FFDRPO	0.02	0.18
	4.6	J-QC/FFB	1.36	1.37
	4.5	J-QC/FFB	1.36	1.37
J-QC/FSL	5.8	J-QC/FFB	0.00	0.06
J-QC/FSL	5.9	J-QC/FFB	0.00	0.06
J-QC/FFB	6.3	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFB	5.2	BJ-QC/FBK/FFB	0.00	0.00
	4.6		0.95	0.95
	4.8	BJ-QC/FBK/FFDRPO	0.00	0.00
	3.3	BJ-QC/FBK/FFDRPO	0.00	0.00
	5.4	BJ-QC/FBK/FFDFLDRPO	0.00	0.02
	3.3	BJ-QC/FBK/FFDFLDRPO	0.00	0.02
	7.0	J-QC/FFB/FFDRPO	0.00	0.26
	4.1	J-QC/FFB/FFDRPO	0.00	0.26
	6.9	J-QC/FFB/FLS	0.04	0.09
	5.5	J-QC/FFB/FLS	0.04	0.09
	3.2	J-QC/FFB/FFDRPO	0.00	0.00
J-QC/FFD/RPO	4.4		0.05	0.40

	4.6	J-QC/FFB	0.00	0.00
	4.0	J-QC/FFB	0.00	0.00
	3.5	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.0	J-QC/FFB/FFDRPO	0.11	0.70
J-QC/FFD/RPO	3.5		0.00	0.06
J-RJ-QC/FFD/RPO	4.7		0.00	0.06
J-QC/FSL	6.5	J-QC/FFD/FLDRPO	0.00	0.00
J-QC/FSL	2.7	J-QC/FFD/FLDRPO	0.00	0.00
J-RJ-QC/FSL	3.8		0.05	0.05
J-RJ-QC/FSL	3.0		0.05	0.05
J-RJ-QC/FSL	3.0		0.35	0.35
J-RJ-QC/FSL	2.9		0.35	0.35
NA	—	NA	0.00	0.00
NA	—	NA	0.05	1.08
NA	—	NA	0.00	0.05
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
	6.4		0.03	0.07
	5.2		0.03	0.07
	4.22	J-QC/FFB	0.11	0.17
	4.34	J-QC/FFB	0.11	0.17
J/LLS	4.03	J-QC/FFB	0.00	0.03
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFB	4.58	J-QC/FFB	0.95	1.15
J-QC/FFB	4.24	J-QC/FFB	0.95	1.15
NA	—	NA	0.00	0.29
NA	—	NA	0.00	0.29
	4.0	J-QC/FFB	0.01	0.01
	3.2	J-QC/FFB	0.01	0.01
NA	—	NA	0.02	0.02
NA	—	NA	0.02	0.02
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	4.7	J-QC	0.00	0.00
J-QC/FFB/FFDRPO	4.5		0.08	1.54
J-QC/FFB/FFDRPO	4.8		0.08	1.54
J-QC/FFB/FFDRPO	6.4	J-QC/FMS	0.00	0.00
-QC/LLS/FFBFFDRP(	6.3	J-QC/FMS	0.00	0.00
J-QC/LLS/FFB	9.2	J-QC/FFD/RPO	0.00	0.00
J-QC/LLS/FFB	5.5	J-QC/FFD/RPO	0.00	0.00
J-QC/LLS/FFDRPO	7.9	J-QC/FFB	0.00	0.00
KJ-QC/FFB/FFDRPO	10.0		0.00	0.55
-QC/LLS/FFBFFDRP(	8.3		0.00	0.55
J/LLS	7.8	J-QC/FFB/FFDRPOFMS	0.04	1.03
	<0.25	KJ-QC/FFB/FFDRPOFMS	0.04	1.03
J/LLS	6.7	J-QC/FFB	0.14	0.27
J/LLS	6.9	J-QC/FFB	0.14	0.27

K	9.4	J-QC/FFB	0.11	0.11
K	9.7	J-QC/FFB	0.11	0.11
J-QC/LLS/FFB	8.3		0.00	0.00
J-QC/LLS/FFB	8.0		0.00	0.00
J-R/LLS	5.6	J-QC/FFB/FMS	0.00	0.00
J/LLS	5.4	J-QC/FFB/FMS	0.00	0.00
J-QC/LLS/FFDRPO	4.6	J-QC/FLD/RPO	0.19	0.19
J-QC/LLS/FFDRPO	3.7	J-QC/FLD/RPO	0.19	0.19
J/LLS	5.8	J-QC	0.02	0.52
J/LLS	5.3	J-QC	0.02	0.52
J-QC/LLS/FFDRPO	7.3		0.00	0.00
J-QC/LLS/FFDRPO	6.3		0.00	0.00
J-QC/LLS/FFDRPO	6.0	J-QC	0.40	0.40
J-QC/FFD/RPO	5.4	J-QC	0.40	0.40
J-QC/LLS/FFDRPO	6.0	J-QC	0.00	0.00
J-QC/LLS/FFDRPO	5.9	J-QC	0.00	0.00
J/LLS	5.1	J-QC	0.03	0.03
J/LLS	4.5	J-QC	0.03	0.03
I-RJ-QC/LLS/FFDRPC	3.9		0.00	0.05
J-QC/LLS/FFB	10.3		0.00	0.04
J/LLS	3.6	J-QC/FLD/RPOFSL	0.00	0.48
J/LLS	3.0	J-QC/FLD/RPOFSL	0.00	0.48
J-QC/LLS/FFB	4.0	J-QC/FMS	0.00	0.40
J-QC/LLS/FFB	4.03	J-QC/FMS	0.00	0.40
J-HT/EHT	3.28	J-QC/FLD/RPOFMS	0.10	0.10
J-HT/EHT	3.98	J-QC/FLD/RPOFMS	0.10	0.10
	6.89		0.00	0.34
	7.02		0.00	0.34
[redacted]				
J-QC	2.6		0.00	0.00
	4.6		0.00	0.36
	4.1		0.00	0.36
	4.6		0.00	0.15
	4.6		0.00	0.15
	6.0		0.00	0.01
	5.6		0.00	0.01
	4.7		0.00	0.08
	5.8		0.00	0.08
	6.1		0.00	0.00
	5.8		0.00	0.00
	5.9		0.00	0.00
	6.6		0.00	0.00
	6.8		0.00	0.00
	5.5	J-QC	2.46	2.46
	5.0	J-QC	2.46	2.46
	8.1		0.00	0.00
	7.0		0.00	0.00
	4.2		0.00	0.00
	4.0		0.00	0.00
	6.1		0.00	0.00

5.5		0.00	0.00
4.7		0.75	0.84
4.4		0.75	0.84
4.8		0.00	0.28
4.7		0.00	0.28
3.9		0.00	0.07
3.8		0.00	0.07
3.8		0.00	0.00
3.8		0.00	0.00
4.3		0.00	0.00
4.8		0.00	0.00
3.8		0.00	0.00
3.5		0.00	0.00
4.6		0.00	0.00
4.7	J-QC/FFB	0.00	0.00
3.5	J-QC/FFB	0.00	0.00
4.5		0.00	0.00
3.5		0.00	0.00
5.0		0.55	0.55
5.0		0.55	0.55
8.1		0.47	0.47
7.8		0.47	0.47
5.5		0.00	0.04
4.9		0.00	0.04

Station #2 Northwest St	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 4, 2003	11:20	5.97	3.7	13.13
December 17, 2003	10:30	6.90	2.7	15.54
2004				
January 7, 2004	11:00	5.70	1.0	14.38
February 10, 2004	12:45	6.13	1.9	13.92
February 19, 2004	13:25	6.75	2.9	12.90
March 9, 2004	11:25	6.74	6.2	12.93
March 16, 2004	11:20	6.47	6.3	12.50
April 5, 2004	11:40	6.67	7.5	11.50
April 27, 2004	11:55	6.74	13.7	9.59
May 3, 2004	11:15	6.40	17.7	8.32
May 10, 2004	11:40	6.96	18.3	—
May 24, 2004	11:25	7.17	22.3	6.46
June 7, 2004	—	—	—	—
June 14, 2004	11:15	7.58	—	7.40
June 21, 2004	—	—	—	—
June 30, 2004	—	6.60	24.7	—
July 8, 2004	—	—	—	—
July 12, 2004	12:30	7.83	24.5	—
July 19, 2004	10:40	6.50	22.4	3.10
July 26, 2004	11:10	6.87	25.0	3.40
August 2, 2004	11:05	6.97	—	—
August 9, 2004	11:40	6.46	—	8.45
August 16, 2004	11:42	6.27	—	7.66
August 23, 2004	11:53	6.60	—	7.92
August 30, 2004	—	—	—	—
September 13, 2004	10:52	—	21.55	11.76
September 20, 2004	11:21	6.33	17.26	10.96
September 27, 2004	11:35	7.79	19.9	8.00
October 5, 2004	—	—	—	—
October 19, 2004	11:50	—	12.34	9.76
November 3, 2004	11:43	—	13.1	11.08
November 16, 2004	11:15	—	6.6	10.92
November 30, 2004	11:20	—	7.8	6.26
December 14, 2004	11:19	—	5.6	5.07
2005				
January 11, 2005	11:14	7.52	3.44	16.20
February 8, 2005	11:12	—	3.19	14.12
February 15, 2005	11:16	—	3.65	14.61
March 2, 2005	11:34	—	2.43	22.65
March 15, 2005	12:00	8.11	4.67	19.56
April 19, 2005	11:30	7.55	14.94	11.92
May 2, 2005	11:27	7.26	14.5	—
May 9, 2005	11:35	7.85	13.87	10.88
May 17, 2005	11:23	7.69	18.70	—
June 6, 2005	11:43	7.39	22.69	7.59

June 14, 2005	11:31	7.89	27.6	—
June 20, 2005	11:01	7.88	21.56	9.22
June 28, 2005	11:15	7.92	25.30	8.65
July 5, 2005	11:29	7.64	26.3	—
July 12, 2005	11:32	7.58	25.6	—
July 19, 2005	13:23	7.48	29.5	—
July 25, 2005	12:03	8.01	26.41	8.31
August 2, 2005	12:04	8.05	28.4	—
August 8, 2005	12:47	—	27.08	8.22
August 16, 2005	11:18	—	25.8	—
August 22, 2005	11:32	7.99	25.57	—
September 6, 2005	11:39	—	23.5	—
September 13, 2005	11:16	—	23.9	—
September 19, 2005	11:46	7.37	24.2	—
September 27, 2005	11:14	7.82	20.7	—
October 12, 2005	11:43	7.02	15.79	11.02
October 24, 2005	10:39	—	11.2	10.77
November 9, 2005	12:02	7.40	11.1	10.21
November 28, 2005	11:23	—	5.1	12.48
December 12, 2005	11:11	—	2.4	13.42
December 27, 2005	11:22	6.82	3.9	14.80
2006				
January 9, 2006	11:38	7.32	3.20	17.50
January 25, 2006	11:09	7.14	3.30	16.37
February 7, 2006	10:08	7.32	3.85	14.11
February 22, 2006	11:29	7.62	2.61	15.32
March 7, 2006	09:50	7.81	3.58	15.04
March 22, 2006	11:34	8.30	6.13	15.16
April 4, 2006	10:40	7.60	11.69	9.80
April 17, 2006	11:36	8.18	15.29	10.81
May 1, 2006	10:52	7.54	15.24	10.76
May 8, 2006	11:45	7.19	18.0	7.70
May 18, 2006	10:47	7.33	15.94	9.47
May 22, 2006	10:04	7.29	14.91	9.41
June 1, 2006	10:16	7.73	—	9.02
June 5, 2006	10:49	7.38	19.24	9.19
June 12, 2006	11:13	7.40	17.71	8.75
June 19, 2006	10:30	7.37	23.21	6.68
June 26, 2006	10:10	7.30	22.19	7.32
July 5, 2006	10:31	7.36	24.24	6.99
July 10, 2006	10:21	7.38	22.77	7.43
July 17, 2006	11:05	7.36	25.88	6.41
July 25, 2006	10:17	7.27	23.65	6.22
July 31, 2006	10:29	7.66	27.09	7.03
August 8, 2006	10:12	7.96	26.62	8.47
August 21, 2006	10:27	7.90	24.29	8.77
August 30, 2006	10:29	7.45	20.58	9.60
September 7, 2006	11:13	7.26	19.04	9.20
September 13, 2006	10:09	7.36	18.53	10.43
September 21, 2006	10:06	7.36	18.79	10.48

September 27, 2006		10:00	7.75	18.29	11.55
October 11, 2006		11:55	7.81	16.45	10.68
October 23, 2006		11:20	7.43	11.92	12.95
November 20, 2006		11:36	7.09	9.88	11.92
December 4, 2006		10:26	7.18	7.96	12.54
December 18, 2006		10:15	7.50	6.99	13.63
2007					
January 4, 2007		11:27	7.16	5.09	13.31
January 17, 2007		12:13	7.44	3.91	14.61
January 29, 2007		10:47	7.69	1.86	15.31
February 27, 2007		12:06	7.75	2.23	15.49
March 12, 2007		10:21	7.55	3.33	16.26
March 26, 2007		10:46	7.33	7.50	13.81
April 9, 2007	A	11:07	7.65	6.24	13.23
April 9, 2007	B	11:07	—	—	—
April 24, 2007		11:13	7.63	15.66	11.20
April 30, 2007		10:45	7.44	14.34	10.72
May 7, 2007		11:53	7.67	15.37	10.55
May 16, 2007	A	10:49	7.42	19.02	8.59
May 16, 2007	B	10:49	—	—	—
May 21, 2007	A	11:05	7.51	16.45	9.10
May 21, 2007	B	11:05	—	—	—
May 30, 2007		11:54	7.97	23.48	9.11
June 4, 2007	A	10:44	7.48	21.19	8.08
June 4, 2007	B	10:44	—	—	—
June 11, 2007	A	10:48	7.80	22.78	9.06
June 11, 2007	B	10:48	—	—	—
June 18, 2007		10:48	7.88	23.05	9.42
June 25, 2007		10:13	7.84	22.61	9.05
July 9, 2007	A	10:55	7.70	25.16	8.19
July 9, 2007	B	10:55	—	—	—
July 16, 2007	A	10:41	7.82	25.09	8.60
July 16, 2007	B	10:41	—	—	—
July 23, 2007		10:38	7.92	23.43	8.91
July 31, 2007	A	10:51	7.61	25.47	7.58
July 31, 2007	B	10:51	—	—	—
August 6, 2007		10:48	7.96	26.47	8.37
August 13, 2007		11:22	7.59	22.67	8.44
August 20, 2007		10:54	7.34	20.77	8.49
September 5, 2007		12:16	8.16	23.09	9.09
September 10, 2007		10:36	7.93	25.29	8.51
September 17, 2007		10:51	8.07	19.04	9.24
September 26, 2007		11:45	7.90	21.33	9.69
October 10, 2007	A	11:43	7.59	20.44	9.45
October 10, 2007	B	11:43	—	—	—
October 24, 2007		10:11	8.15	18.15	9.47
November 8, 2007		12:10	—	9.38	11.68
November 19, 2007		11:36	—	6.94	12.67
December 3, 2007		10:39	—	3.76	13.21
2008					

January 28, 2008	A	11:05	7.58		1.66	13.94
January 28, 2008	B	11:05	—		—	—
February 25, 2008	A	10:56	7.60		2.25	15.88
February 25, 2008	B	10:56	—		—	—
March 24, 2008	A	11:30	7.41		6.37	16.01
March 24, 2008	B	11:30	—		—	—
April 14, 2008		10:16	7.72		12.42	10.98
May 5, 2008		10:43	7.98		14.03	12.86
May 12, 2008	A	11:17	7.60		14.07	9.24
May 12, 2008	B	11:17	—		—	—
May 19, 2008	A	10:50	7.26		14.81	9.86
May 19, 2008	B	10:50	—		—	—
May 28, 2008		12:03	7.27		19.28	8.47
June 2, 2008		11:34	8.06		20.58	8.23
June 9, 2008	A	10:47	7.88		24.61	7.43
June 9, 2008	B	10:47	—		—	—
June 16, 2008	A	11:19	—		24.59	8.57
June 16, 2008	B	11:19	—		—	—
June 23, 2008	A	11:20	□		22.74	7.92
June 23, 2008	B	11:20	—		—	—
June 30, 2008	A	10:51	□		25.05	8.53
June 30, 2008	B	10:51	—		—	—
July 9, 2008		11:56	8.13		26.13	8.85
July 16, 2008	A	10:50	—		25.70	8.43
July 16, 2008	B	10:50	—		—	—
July 21, 2008		10:53	—		27.63	9.00
July 28, 2008		10:47	—		23.64	8.51
August 4, 2008	A	10:56	—		24.67	9.39
August 4, 2008	B	10:56	—		—	—
August 11, 2008		10:21	—		22.84	9.67
August 18, 2008	A	10:27	—		23.83	10.21
August 18, 2008	B	10:27	—		—	—
August 25, 2008		10:30	—		24.00	9.08
September 3, 2008		09:41	—		23.95	9.26
September 8, 2008		10:53	—		22.45	9.10
Bridge construction 9/10/08						
2009						
Bridge re-opened 1/6/09						
January 27, 2009		11:00	—	NAPEFAI/EQF	0.39	—
February 2, 2009		10:45	—	NAPEFAI/EQF	1.36	15.70
March 3, 2009		10:59	—	NAPEFAI/EQF	1.30	19.16
April 20, 2009	A	10:46	6.59		13.02	11.05
April 20, 2009	B	10:46	—		—	—
May 4, 2009		10:58	—	NAPEFAI/EQF	16.1	—
May 11, 2009	A	10:38	—	NAPEFAI/EQF	16.6	8.66
May 11, 2009	B	10:38	—		—	—
May 18, 2009	A	10:41	—	NAPEFAI/EQF	16.3	8.08
May 18, 2009	B	10:41	—		—	—
May 27, 2009		11:51	—	NAPEFAI/EQF	19.0	8.01
June 1, 2009	A	10:38	—	NAPEFAI/EQF	19.0	8.50

June 1, 2009	B	10:38	—		—		—
June 8, 2009		10:36	—	NAPEFAI/EQF	19.6		8.13
June 22, 2009		10:29	7.08		19.11		9.62
July 7, 2009		11:17	7.48		22.63		8.36
July 13, 2009		10:52	7.47		22.12		8.71
July 20, 2009		10:52	7.53		23.21		8.76
July 28, 2009	A	11:12	7.52		24.71		7.25
July 28, 2009	B	11:12	—		—		—
August 3, 2009	A	10:43	7.34		22.63		7.96
August 3, 2009	B	10:43	—		—		—
August 10, 2009		10:32	7.29		22.09		7.87
August 17, 2009	A	10:35	7.49		25.43		7.69
August 17, 2009	B	10:35	—		—		—
August 24, 2009		10:39	7.31		24.30		9.60
August 31, 2009	A	10:30	7.44		21.47		8.33
August 31, 2009	B	10:30	—		—		—
September 9, 2009		11:38	8.05		22.05		9.75
September 14, 2009		10:43	7.63		19.65		9.12
September 21, 2009		10:32	7.93		18.70		9.98
October 5, 2009		10:33	7.99		16.46		12.39
November 17, 2009		10:33	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 14, 2009		10:40	6.99		1.84		18.03
2010							
January 4, 2010	A	10:32	7.24		-0.01		21.18
January 4, 2010	B	10:32	—	NA	—	NA	—
February 1, 2010		12:07	6.44		0.39		16.08
March 8, 2010		10:20	7.60		5.68		14.38
April 8, 2010	A	10:30	7.40		17.76		10.68
April 8, 2010	B	10:30	—	NA	—	NA	—
May 5, 2010	A	10:42	7.11		19.06		8.70
May 5, 2010	B	10:42	—	NA	—	NA	—
May 10, 2010		11:23	7.40		14.61		9.95
May 17, 2010		11:45	7.61		17.57		10.37
May 24, 2010		10:49	7.48		19.25		8.77
June 7, 2010		10:25	8.55		24.24		9.53
June 14, 2010		11:32	7.94		21.43		9.14
June 21, 2010		10:47	8.21		24.49		8.81
June 28, 2010	A	11:55	8.48		27.31		8.78
June 28, 2010	B	11:55	—	NA	—	NA	—
July 12, 2010		10:37	8.51		26.68		9.66
July 19, 2010	A	11:01	7.67		27.06		8.22
July 19, 2010	B	11:01	—	NA	—	NA	—
July 26, 2010		10:11	7.86		26.24		11.37
August 2, 2010	A	10:59	8.06		24.96		8.92
August 2, 2010	B	10:59	—	NA	—	NA	—
August 9, 2010	A	10:46	7.82		26.15		8.08
August 9, 2010	B	10:46	—	NA	—	NA	—
August 16, 2010	A	10:22	7.83		24.15		9.44
August 16, 2010	B	10:22	—	NA	—	NA	—
August 23, 2010		10:07	7.35		22.89		8.80

August 30, 2010	A	10:52	7.79		22.83		10.13
August 30, 2010	B	10:52	—	NA	—	NA	—
September 13, 2010		10:31	7.94		20.02		10.63
September 21, 2010		11:52	7.83		19.67		10.15
September 28, 2010		10:17	7.82		20.17		9.62
October 4, 2010		10:24	6.99		15.70		10.51
November 15, 2010		10:24	7.16		8.88		21.61
December 6, 2010		10:30	6.88		3.42		16.15
2011							
January 3, 2011		11:07	5.09		2.45		—
February 7, 2011		10:15	6.34		1.93		15.34
March 7, 2011		10:53	—	NAPEFAI/EQF	6.08		17.54
April 11, 2011		10:14	7.00		10.64		13.23
May 2, 2011		10:30	7.30		15.64		12.03
May 9, 2011	A	10:35	7.25		16.02		9.86
May 9, 2011	B	10:35	—	NA	—	NA	—
May 18, 2011		10:11	7.38		15.38		10.24
May 23, 2011	A	10:34	7.01		16.28		10.66
May 23, 2011	B	10:34	—	NA	—	NA	—
June 2, 2011		11:20	7.47		23.93		8.24
June 6, 2011		10:08	7.60		19.58		9.28
June 14, 2011	A	10:23	7.53		20.71		10.13
June 14, 2011	B	10:23	—	NA	—	NA	—
June 20, 2011		10:17	7.25		22.40		10.46
June 27, 2011	A	10:40	7.43		22.33		13.30
June 27, 2011	B	10:40	—	NA	—	NA	—
July 11, 2011		10:24	7.61		24.68		9.02
July 18, 2011	A	10:16	8.58		26.19		8.81
July 18, 2011	B	10:16	—	NA	—	NA	—
July 25, 2011		10:15	8.18		28.25		6.49
August 1, 2011	A	10:33	8.11		27.02		8.72
August 1, 2011	B	10:33	—	NA	—	NA	—
August 9, 2011		10:29	8.04		26.22		11.24
August 15, 2011	A	10:45	7.53		22.28		9.17
August 15, 2011	B	10:45	—	NA	—	NA	—
August 22, 2011		10:21	7.34		22.91		9.08
September 7, 2011		12:27	7.37		19.54		12.07
December 6, 2011	A	10:37	7.35		8.15		12.31
December 6, 2011	B	10:37	—	NA	—	NA	—
2012							
January 10, 2012	A	10:55	7.77	[redacted]	3.40	[redacted]	14.69
January 10, 2012	B	10:55	—	NA	—	NA	—
February 7, 2012	A	10:47	7.27	[redacted]	4.42	[redacted]	20.60
February 7, 2012	B	10:47	—	NA	—	NA	—
March 5, 2012	A	10:15	7.53	[redacted]	5.63	[redacted]	15.11
March 5, 2012	B	10:15	—	NA	—	NA	—
April 17, 2012	A	10:42	8.26	[redacted]	18.39	[redacted]	11.91
April 17, 2012	B	10:42	—	NA	—	NA	—
May 1, 2012		10:59	7.37	[redacted]	14.07	[redacted]	10.37
May 7, 2012		10:20	7.34	[redacted]	16.51	[redacted]	9.50

May 14, 2012		10:30	7.66		19.51		9.48
May 22, 2012		10:47	7.25		18.75		8.79
May 30, 2012		12:02	7.21		24.54		7.14
June 4, 2012		11:00	7.11		20.32		9.75
June 11, 2012		10:46	7.39		22.14		9.21
June 18, 2012		10:42	7.30		20.99		8.65
June 25, 2012		10:07	7.37		25.67		7.82
July 2, 2012		10:33	7.87		26.42		8.28
July 9, 2012		10:52	7.83		27.81		7.55
July 16, 2012		10:30	7.77		26.53		8.58
July 23, 2012		10:41	7.67		24.75		8.75
July 30, 2012	A	10:29	7.47		24.58		8.05
July 30, 2012	B	10:29	—	NA	—	NA	—
August 6, 2012	A	10:46	7.63		27.26		9.06
August 6, 2012	B	10:46	—	NA	—	NA	—
August 13, 2012	A	10:52	7.70		25.86		8.91
August 13, 2012	B	10:52	—	NA	—	NA	—
August 21, 2012		10:17	7.77		23.13		7.31
September 5, 2012		11:55	7.61		24.07		7.10
September 10, 2012		10:27	7.64		23.18		8.21
September 17, 2012		10:40	8.43		20.91		9.46
September 27, 2012		10:42	7.33		19.02		8.11
October 15, 2012		10:36	7.70		13.72		11.25
November 5, 2012		11:45	7.69		9.48		13.87
November 7, 2012		11:33	7.75		7.49		17.22
November 8, 2012		11:34	7.72		6.31		14.09
November 9, 2012		11:31	8.04		6.38		18.82
November 14, 2012		12:04	7.67		9.19		10.75
November 15, 2012		11:53	7.70		8.64		15.23
December 10, 2012		09:30	7.69		6.58		12.73
2013							
January 14, 2013		09:30	8.15		5.57		15.25
February 13, 2013	A	09:30	7.91		2.47		15.59
February 13, 2013	B	09:30	—	NA	—	NA	—
February 21, 2013		08:50	7.73		1.79		15.65
March 7, 2013		09:22	7.33		4.55		14.96
March 19, 2013		09:20	7.66		2.98		15.46
April 8, 2013		10:40	7.84		10.95		12.53
April 16, 2013		10:22	7.58		12.98		12.62
April 25, 2013		10:44	7.68		13.01		8.93
May 1, 2013		12:08	7.77		15.40		11.59
May 9, 2013		11:09	7.14		17.12		12.21
May 13, 2013		10:39	7.29		17.28		12.36
May 21, 2013		10:11	7.22		17.75		15.96
May 29, 2013		12:02	7.01		16.17		15.73
June 3, 2013		10:57	7.08		23.86		7.84
June 10, 2013		10:35	7.35		19.04		12.20
June 17, 2013		10:36	7.24		19.89		14.00
June 24, 2013		10:43	7.08		23.83		9.96
July 8, 2013		10:53	7.30		27.14		9.47

July 15, 2013		10:46	7.49		25.80		6.93
July 22, 2013		10:50	7.92		28.48		14.25
July 29, 2013		10:37	7.61		23.84		10.62
Bridge construction 8/5/13							
August 19, 2013		10:43	7.79		21.75		9.40
August 26, 2013		10:43	7.60		22.02		9.31
September 4, 2013		11:47	7.99		23.07		8.98
September 17, 2013		11:52	7.69		18.36		9.91
September 23, 2013		10:17	7.68		17.20		8.89
October 8, 2013		10:39	7.55		18.69		—
November 7, 2013		10:48	7.82		10.72		12.43
December 11, 2013		10:50	5.92		2.31		14.08
2014							
February 12, 2014	A	11:47	6.59		-0.03		16.30
February 12, 2014	B	11:47	—	NA	—	NA	—
March 13, 2014		10:50	5.61		3.17		14.09
April 1, 2014		10:40	6.37		6.08		13.92
May 5, 2014		11:14	6.55		13.14		12.14
May 12, 2014		10:32	6.59		17.86		11.10
May 19, 2014		10:46	6.78		16.15		10.48
May 28, 2014		12:13	6.96		19.81		9.37
June 2, 2014		10:45	7.42		18.78		10.42
June 9, 2014		12:23	7.21		20.47		8.90
June 23, 2014		11:15	7.87		22.41		9.96
June 30, 2014		11:17	7.68		23.85		9.24
July 7, 2014		10:50	7.13		22.88		9.07
July 14, 2014		11:11	7.42		24.15		8.43
July 29, 2014		11:21	7.57		22.76		9.39
August 4, 2014		11:10	7.76		22.72		8.97
August 11, 2014		10:50	7.82		24.36		9.75
August 18, 2014		11:04	7.61		22.27		9.32
August 26, 2014		10:50	7.53		23.24		9.11
September 3, 2014	A	12:20	7.76		25.16		8.84
September 3, 2014	B	12:20	—	NA	—	NA	—
September 8, 2014		10:42	7.58		23.66		9.41
September 15, 2014	A	12:02	7.81		19.26		10.66
September 15, 2014	B	12:02	—	NA	—	NA	—
September 29, 2014		12:18	7.97		19.90		10.28
October 21, 2014		10:52	7.19		13.79		11.64
November 24, 2014		10:44	7.12		5.91		13.31
December 8, 2014		10:39	5.31		3.56		14.18

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	97.4	0.1	—	2
	112.0	0.2	—	17
[redacted]				
	106.5	0.2	—	2
	103.5	0.3	—	8
	96.5	0.3	—	2
	102.5	0.3	—	3
	101.6	0.3	—	5
	96.2	0.3	—	3
	92.2	0.1	—	9
	87.1	0.2	—	13
	—	—	—	12
	74.7	0.2	—	10
	—	—	—	11
	—	—	—	12
	—	—	—	8
	—	—	—	9
	—	—	—	14
	—	—	—	9
	34.0	—	—	14
	39.0	—	—	17
	—	—	—	12
	94.4	—	—	8
	84.5	—	—	11
	88.9	—	—	35
	—	—	—	10
	133.5	0.16	—	4
	114.1	0.09	—	28
	87.5	0.2	—	10
	—	—	—	10
	91.6	0.23	—	2
	106.6	0.2	—	2
	88.6	0.2	—	8
	56.2	0.1	—	18
	43.3	0.1	—	8
[redacted]				
	121.8	0.21	—	3
	103.5	0.37	—	4
	106.8	0.24	—	17
	157.8	0.40	—	2
	154.3	0.38	—	3
	119.3	0.22	—	4
	—	—	—	10
	105.4	0.24	—	10
	—	—	—	4
	88.1	0.31	—	8

—	—	—	4
104.7	0.27	—	2
105.3	0.26	—	8
—	—	—	5
—	—	—	5
—	—	—	10
103.3	0.29	—	11
—	—	—	12
103.4	0.31	—	8
—	—	—	7
—	0.29	—	6
—	—	—	5
—	—	—	13
—	—	—	2
—	—	—	3
111.2	0.08	—	30
98.2	0.1	—	6
92.8	0.2	—	2
98.0	0.1	—	<1
98.3	0.1	—	4
112.8	0.2	—	3
[redacted]			
131.1	0.16	—	5
122.6	0.19	—	2
107.1	0.14	—	2
113.2	0.26	—	2
113.8	0.42	—	2
122.4	0.32	—	2
90.6	0.31	—	7
108.0	0.30	—	5
107.3	0.23	—	6
81.2	0.3	—	5
95.9	0.15	—	13
93.4	0.18	—	10
107.3	0.24	—	6
99.6	0.15	—	18
92.0	0.16	—	12
78.2	0.22	—	12
83.9	0.19	—	10
83.5	0.16	—	8
86.6	0.16	—	14
78.8	0.21	—	2
73.5	0.17	—	20
88.5	0.25	—	6
105.8	0.30	—	4
104.9	0.29	—	12
106.8	0.20	—	16
99.3	0.14	—	15
111.5	0.21	—	10
112.6	0.18	—	10

123.0	0.23	—	4
109.0	0.24	—	7
119.8	0.17	—	10
105.5	0.11	—	2
105.8	0.13	—	4
112.3	0.22	—	4
[redacted]			
104.5	0.13	—	2
111.1	0.16	—	4
110.4	0.24	—	2
113.2	0.63	—	6
122.1	0.26	—	4
115.3	0.23	—	6
107.1	0.25	—	<1
—	—	—	<1
112.9	0.15	—	5
104.9	0.13	—	6
105.5	0.18	—	8
92.7	0.25	—	7
—	—	—	8
93.2	0.26	—	4
—	—	—	4
107.3	0.29	—	4
91.2	0.24	—	9
—	—	—	10
105.4	0.29	—	4
—	—	—	2
110.0	0.33	—	4
104.9	0.35	—	2
99.6	0.22	—	2
—	—	—	4
104.3	0.22	—	4
—	—	—	4
150.1	0.26	—	18
92.5	0.26	—	10
—	—	—	12
104.3	0.32	—	11
97.7	0.15	—	20
94.9	0.22	—	8
106.3	0.36	—	10
103.6	0.35	—	<1
99.9	0.33	—	4
109.6	0.43	—	3
105.0	0.39	—	8
—	—	—	12
100.5	0.26	—	10
102.2	0.29	—	5
104.3	0.30	—	4
100.4	0.43	—	7
[redacted]			

	100.1		0.27	☐	8	
	—		—	☐	8	
	115.8		0.22	☐	4	
	—		—	☐	4	
	129.9		0.16	☐	5	
	—		—	☐	4	
	103.0		0.22	☐	18	
	125.2		0.24	☐	6	
	89.9		0.18	☐	12	
	—		—	☐	12	
	97.4		0.17	☐	11	
	—		—	☐	12	
	91.9		0.20	☐	8	
	91.7		0.24	☐	6	
	89.4		0.24	☐	8	
	—		—	☐	6	
	103.1		0.26	☐	5	
	—		—	☐	6	
	92.1		0.27	☐	4	
	—		—	☐	7	
	103.6		0.34	☐	2	
	—		—	☐	3	
	109.5		0.36	☐	3	
	103.5		0.31	☐	6	
	—		—	☐	6	
	114.6		0.34	☐	12	
	100.2		0.24	☐	12	
	113.1		0.29	☐	14	
	—		—	☐	10	
	112.2		0.32	☐	14	
	121.6		0.32	☐	16	
	—		—	☐	15	
	108.1		0.37	☐	10	
	110.2		0.46	☐	8	
	105.1		0.17	☐	17	
NAPEFAI/EQF	—	NAPEFAI/EQF	0.44	—	2	
	112.1		0.68	—	4	J-QC/FFD/RPO
	136.3		0.43	—	4	
	105.1		0.31	—	6	
	—		—	—	6	
NAPEFAI/EQF	—	NAPEFAI/EQF	0.3	—	10	J-QC/FFD/RPO
	88.9		0.1	—	18	
	—		—	—	20	
	82.5		0.2	—	16	
	—		—	—	16	
	86.7		0.3	—	10	
	92.1		0.3	—	6	

	—		—		—		5	
	88.7		0.2		—		13	
	104.0		0.15		—		14	
	97.0		0.20		—		12	
	100.0		0.26		—		8	J-QC/FFD/RPO
	102.7		0.25		—		10	J-QC/FFD/RPO
	87.3		0.26		—		6	
	—		—		—		6	
	92.2		0.16		—		32	
	—		—		—		35	
	90.1		0.19		—		10	J-QC/FFD/RPO
	93.9		0.23		—		6	
	—		—		—		6	
	114.8		0.19		—		12	J-QC/FFD/RPO
	94.3		0.23		—		12	
	—		—		—		10	
	111.9		0.33		—		4	J-QC/FFD/RPO
	99.8		0.29		—		8	
	107.1		0.28		—		4	J-QC/FLD/RPO
	126.8		0.31		—		4	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		6	J-QC/FFB
	130.0		0.21		—		14	J-QC/FFD/RPO
[redacted]								
	144.9		0.16		—	NA	4	
NA	—	NA	—	NA	—	NA	3	
	111.4		0.19		—	NA	6	J-QC/FFD/RPO
	114.9		0.33		—	NA	6	J-QC/FFB
	112.3		0.17		—	NA	5	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
	93.9		0.18		—	NA	16	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	12	J-QC/FFD/RPO
	97.9		0.22		—	NA	18	J-QC/FFD/FLDRPO
	108.8		0.26		—	NA	10	J-QC/FFD/RPO
	95.2		0.26		—	NA	9	J-QC/FFD/RPO
	113.9		0.34		—	NA	14	J-QC/FFD/RPO
	103.4		0.10		—	NA	8	
	105.8		0.30		—	NA	6	
	110.8		0.01		—	NA	10	
NA	—	NA	—	NA	—	NA	12	
	120.8		0.37		—	NA	14	J-QC/FFD/RPO
	103.5		0.26		—	NA	8	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	12	J-QC/FFD/RPO
	141.0		0.30		—	NA	7	
	108.0		0.35		—	NA	4	
NA	—	NA	—	NA	—	NA	6	
	100.1		0.35		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	112.9		0.38		—	NA	1	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	6	J-QC/FFD/FLDRPO
	102.5		0.19		—	NA	22	

	117.8		0.29		—	NA	4	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
	117.2		0.37		—	NA	5	J-QC/FFD/RPO
	111.0		0.37		—	NA	2	J-QC/FFD/RPO
	106.4		0.40		—	NA	3	
	105.8		0.15		—	NA	13	
	180.8		0.39		—	NA	3	
	121.4		0.18		—	NA	10	
[redacted]								
NAPEFAI/EQF	—	NAPEFAI/EQF	0.44		—	NA	7	
	111.5		0.98		—	NA	2	J-QC/FLD/RPO
	141.4		0.15		—	NA	113	
	119.2		0.29		—	NA	5	J-QC/FFD/RPO
	121.1		0.20		—	NA	7	J-QC/FFB
	100.0		0.25		—	NA	11	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	8	J-QC/FLD/RPO
	102.5		0.19		—	NA	31	
	108.8		0.15		—	NA	6	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/FLDRPO
	97.9		0.25		—	NA	8	
	101.1		0.27		—	NA	6	J-QC/FFD/RPO
	113.8		0.26		—	NA	6	
NA	—	NA	—	NA	—	NA	6	
	120.2		0.19		—	NA	10	
	152.8		0.16		—	NA	11	
NA	—	NA	—	NA	—	NA	10	
	108.7		0.25		—	NA	6	
	109.0		0.28		—	NA	7	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	12	J-QC/FFD/RPO
	83.3		0.34		—	NA	9	
	109.8		0.33		—	NA	4	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	6	J-QC/FFD/RPO
	139.2		0.30		—	NA	12	
	105.5		0.21		—	NA	24	
NA	—	NA	—	NA	—	NA	23	
	105.6		0.16		—	NA	12	
	130.9		0.11		—	NA	21	
	104.5		0.17		—	NA	6	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/FLDRPO
[redacted]								
[redacted]	110.5	[redacted]	0.21	[redacted]	—	NA	2	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	3	J-QC/FFD/RPO
[redacted]	159.2	[redacted]	0.24	[redacted]	—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
[redacted]	120.4	[redacted]	0.26	[redacted]	—	NA	4	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FLD/RPO
[redacted]	127.0	[redacted]	0.34	[redacted]	—	NA	5	
NA	—	NA	—	NA	—	NA	6	
[redacted]	100.9	[redacted]	0.24	[redacted]	—	NA	4	J-QC/FLD/RPO
[redacted]	97.4	[redacted]	0.23	[redacted]	—	NA	15	

[redacted]	103.5	[redacted]	0.30	[redacted]	—	NA	11	J-QC/FFD/FLDRPO
	94.5		0.23		—	NA	8	
	85.8		0.24		—	NA	10	J-QC/FFD/RPO
[redacted]	108.0	[redacted]	0.17	[redacted]	—	NA	8	
	105.8		0.24		—	NA	4	J-QC/FFD/RPO
	97.1		0.21		—	NA	7	
	95.9		0.30		—	NA	6	J-QC/FLD/RPO
	103.5		0.34		—	NA	3	J-QC/FFD/RPO
	96.3		0.37		—	NA	3	
	107.0		0.40		—	NA	5	
	105.7		0.32		—	NA	7	J-QC/FFD/RPO
[redacted]	96.8	[redacted]	0.26	[redacted]	—	NA	8	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/FLDRPO
[redacted]	114.3	[redacted]	0.25	[redacted]	—	NA	4	
NA	—	NA	—	NA	—	NA	4	
[redacted]	109.4	[redacted]	0.26	[redacted]	—	NA	3	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/FLDRPO
[redacted]	85.6	[redacted]	0.32	[redacted]	—	NA	12	J-QC/FFD/RPO
	84.9		0.32		—	NA	<1	KJ-QC/FFD/FLDRPO
	96.8		0.24		—	NA	<1	K
	106.1		0.31		—	NA	2	J-QC/FFD/FLDRPO
	87.6		0.32		—	NA	5	J-QC/FLD/RPO
	108.7		0.39		—	NA	<1	KJ-QC/FFD/FLDRPO
	120.2		0.20		—	NA	—	NA
	143.8		0.21		—	NA	—	NA
	114.3		0.27		—	NA	—	NA
	153.4		0.35		—	NA	—	NA
	93.8		0.38		—	NA	—	NA
	130.3		0.36		—	NA	—	NA
[redacted]	104.1	[redacted]	0.43	[redacted]	—	NA	10	
[redacted]								
	121.4		0.30		—	NA	5	J-QC/FLD/RPO
	114.8		0.67		—	NA	6	
NA	—	NA	—	NA	—	NA	4	
	112.6		0.39		—	NA	—	NA
	116.0		0.26		—	NA	4	J-QC/FFD/FLDRPO
	115.0		0.34		—	NA	—	NA
	113.7		0.30		—	NA	6	
	120.9		0.30		—	NA	—	NA
	85.8		0.28		—	NA	—	NA
	116.2		0.31		—	NA	11	J-QC
	126.8		0.28		—	NA	19	
	128.8		0.24		—	NA	21	
	167.2		0.30		—	NA	12	
	160.1		0.17		—	NA	10	J-QC/FLD/RPO
	93.0		0.22		—	NA	8	J-QC
	131.5		0.14		—	NA	14	J-QC
	152.6		0.14		—	NA	10	J-QC/FFD/RPO
	118.2		0.21		—	NA	7	J-QC/FFD/RPO
	117.2		0.18		—	NA	9	

	85.7		0.27		—	NA	4	J-QC/FFD/RPO
	183.6		0.33		—	NA	12	J-QC/FFD/FLDRPO
	127.1		0.26		—	NA	7	
	107.2		0.27		—	NA	2	J-QC/FLD/RPO
	106.7		0.26		—	NA	4	
	104.9		0.32		—	NA	2	J-QC/FFD/RPO
	105.7		0.27		—	NA	4	J-QC/FFD/RPO
	92.5		0.30		—	NA	8	
NAPEFAI/EQF	—	NAPEFAI/EQF	0.38		—	NA	3	J-QC/FLD/RPO
	112.3		0.38		—	NA	<1	KJ-QC/FLD/RPO
	103.0		0.61		—	NA	9	J-QC/FFB
	111.8		0.70		—	NA	6	J-QC/FFB/FFDRPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFB/FFDRPO
	105.4		0.31		—	NA	30	
	112.3		0.16		—	NA	22	J-QC/FFD/RPO
	115.6		0.13		—	NA	9	
	117.0		0.18		—	NA	10	J-QC/FLD/RPO
	106.6		0.18		—	NA	11	
	102.9		0.23		—	NA	8	J-QC/FFD/FLDRPO
	112.0		0.28		—	NA	13	
	98.8		0.24		—	NA	20	
	114.9		0.28		—	NA	12	J-QC/FFD/FLDRPO
	109.7		0.29		—	NA	6	
	105.5		0.21		—	NA	10	
	100.6		0.26		—	NA	6	
	109.1		0.34		—	NA	11	
	104.1		0.31		—	NA	11	
	116.8		0.34		—	NA	10	J-QC/FFD/RPO
	107.2		0.33		—	NA	6	
	106.8		0.32		—	NA	4	
	107.5		0.41		—	NA	4	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FLD/RPO
	111.3		0.35		—	NA	6	
	115.9		0.43		—	NA	2	
NA	—	NA	—	NA	—	NA	2	
	113.1		0.51		—	NA	2	
	112.8		0.27		—	NA	1	
	106.8		0.28		—	NA	6	
	106.9		0.23		—	NA	15	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.68	<2	<0.09	0.011
0.67	<2	2.66	0.015
[redacted]			
0.22	<2	0.11	0.016
0.97	<2	<0.19	0.022
0.89	2	<0.19	0.028
0.05	9	0.32	0.016
0.75	2	<0.19	0.011
0.85	2	<0.19	0.018
0.51	2	<0.19	0.026
1.21	2	<0.19	0.020
0.98	2	<0.19	0.026
0.95	2	<0.19	0.049
0.91	2	<0.19	0.030
0.90	3	<0.19	0.030
0.90	3	<0.19	0.034
<1.00	<2	<0.19	0.047
6.28	<2	<0.19	0.027
2.58	2	<0.19	0.031
2.83	<2	<0.19	0.025
—	2	<0.19	0.025
0.85	2	<0.19	0.021
1.64	2	<0.19	0.033
2.95	2	<0.19	0.031
1.72	2	<0.19	0.024
2.05	<2	<0.19	0.023
1.47	<2	<0.19	0.018
1.22	<2	<0.19	0.016
1.25	<2	<0.19	0.022
1.03	<2	<0.19	0.013
0.91	<2	<0.19	0.025
1.08	2	<0.19	0.017
0.56	<2	<0.19	0.012
0.91	<2	<0.19	0.017
1.10	2	<0.19	0.011
[redacted]			
0.67	5	<0.19	0.014
1.13	<2	<0.19	0.026
<1.00	<2	<0.19	0.018
1.04	<2	<0.19	0.015
1.10	<2	<0.19	0.020
0.70	<2	<0.19	0.016
0.78	<2	0.28	0.026
0.91	<2	—	0.025
0.96	<2	<0.19	0.042
1.34	11	0.34	0.091

1.42	—	<0.27	0.051
1.11	<2	<0.27	0.036
1.54	3	<0.27	0.027
1.19	—	<0.27	0.033
1.30	—	<0.27	0.024
1.38	3	<0.27	0.030
1.21	<2	<0.27	0.022
1.66	<2	<0.27	0.021
0.94	<2	<0.27	0.037
1.75	<2	0.34	0.035
1.52	<2	<0.27	0.034
1.35	5	—	—
1.50	5	<0.27	0.030
0.96	<2	<0.27	0.037
1.46	<2	<0.27	0.026
1.29	<2	<0.27	0.030
1.12	<2	<0.27	0.010
0.82	5	<0.27	0.020
<1.00	<2	<0.27	0.020
—	5	<0.27	0.020
0.62	<2	<0.27	0.010
[redacted]			
0.48	4	<0.27	0.01
0.63	<2	<0.27	0.011
<1.00	<2	<0.27	0.012
0.36	<2	<0.27	0.014
0.77	<2	<0.27	0.020
0.99	<2	<0.27	0.033
<1.00	<2	<0.27	0.068
<1.00	<2	<0.295	0.041
1.47	<2	<0.295	0.021
1.06	—	<0.295	0.051
1.37	—	<0.295	0.027
1.31	—	<0.295	0.031
1.61	3	<0.295	0.050
1.79	<2	<0.295	0.031
1.31	<2	<0.295	0.029
1.44	<2	<0.295	0.034
1.14	<2	<0.295	0.039
1.28	<2	<0.295	0.024
1.19	<2	<0.295	0.022
1.28	—	<0.295	0.028
1.24	<2	<0.295	0.025
1.63	<2	<0.295	0.035
1.55	<2	<0.295	0.028
2.00	<2	<0.295	0.023
2.05	<2	<0.295	0.035
0.58	—	<0.295	0.011
0.86	<2	<0.295	—
1.10	—	<0.295	0.012

0.95	—	<0.295	0.020
0.79	<2	<0.295	0.016
—	<2	<0.295	0.012
0.79	—	<0.295	0.006
0.87	<2	<0.295	0.013
0.89	<2	<0.295	0.019
[redacted]			
0.61	<2	<0.295	0.013
0.68	<2	<0.295	0.012
0.65	<2	<0.295	0.016
0.71	<2	<0.295	0.022
0.74	<2	<0.295	0.015
0.66	<2	0.074	0.009
0.34	<2	0.079	0.012
0.69	<2	0.074	0.011
0.43	—	0.167	0.006
0.59	<2	0.139	0.008
0.66	—	0.162	0.008
1.17	<2	0.056	0.027
0.88	<2	0.060	0.031
0.72	<2	0.171	0.032
0.83	<2	0.167	0.031
0.77	<2	0.176	0.046
0.85	<2	0.254	0.105
0.81	<2	0.264	0.105
0.85	<2	0.199	0.046
0.96	<2	0.190	0.045
0.86	<2	0.153	0.057
—	<2	0.153	0.041
0.75	<2	0.157	0.027
0.74	<2	0.162	0.026
0.90	<2	0.062	0.029
0.96	<2	0.083	0.033
1.25	<2	0.042	0.026
0.97	<2	0.104	0.018
0.91	<2	0.094	0.018
<0.30	4	<0.039	0.026
<0.30	<2	0.083	0.014
1.08	<2	0.078	—
1.13	3	<0.039	0.023
1.10	<2	0.120	0.034
0.83	<2	0.229	0.047
0.97	<2	0.151	0.027
1.22	<2	0.094	0.038
1.33	<2	0.107	0.036
1.25	<2	0.107	0.020
0.96	<2	0.446	0.025
0.62	<2	0.163	0.016
0.93	<2	0.094	0.022
[redacted]			

1.34		<2		0.245		0.016
1.31		<2		0.228		0.015
1.46		<2		0.166		0.008
1.44		<2		0.153		0.007
1.39		<2		0.119		0.008
1.40		<2		0.128		0.008
1.11		<2		0.085		0.015
1.17		<2		0.149		0.024
1.30		<2		0.123		0.023
1.23		<2		0.111		0.021
0.48		<2		0.140		0.020
0.73		<2		0.132		0.020
1.30		<2		0.132		0.028
1.31		<2		0.064		0.037
1.34		<2		0.090		0.053
1.38		<2		0.077		0.052
1.06		<2		0.144		0.034
1.60		<2		0.135		0.052
0.85		<2		0.144		0.038
1.04		<2		0.149		0.037
0.89		<2		0.113		0.041
0.77		<2		0.131		0.041
0.81		<2		0.095		0.030
0.87		<2		0.280		0.022
0.95		<2		0.284		0.023
<0.30		<2		0.104		0.022
1.29		<2		0.144		0.023
2.47		<2		0.140		0.023
2.47		<2		0.135		0.022
0.82		<2		0.081		0.025
2.01	[redacted]	<2		0.095		0.023
1.87		<2		0.095		0.022
<0.30		<2		0.068		0.024
1.77		<2		0.108		0.028
1.08		<2		0.081		0.032
[redacted]						
1.14	BJ-QC/FBK/FFBFLS	<2	K	0.290	J-QC/FSL/FMS	0.027
1.05	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.148	J-QC/FSL/FMS	0.026
0.99	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.173		0.021
1.40	BJ-QC/FBK/FFB	<2	K	0.104		0.017
1.40	BJ-QC/FBK/FFB	<2	K	0.089		0.017
1.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	0.355		0.051
1.91	BJ-QC/FBK/FFB	<2	K	<0.018	KJ-QC/FMS	0.015
1.88	BJ-QC/FBK/FFB	<2	K	<0.018	KJ-QC/FMS	0.015
1.42	BJ-QC/FBK/FFBFLS	3		0.099		0.027
1.46	BJ-QC/FBK/FFBFLS	3		0.078		0.026
1.20	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.230		0.054
1.07	BJ-QC/FBK/FFB	<2	K	0.172	J-QC/FFB	0.048

1.07	BJ-QC/FBK/FFB	<2	K	0.162	J-QC/FFB	0.048
1.95	J-QC/FFB	3	J-QC/FFB	0.094		0.027
0.91	J-QC/FLS	<2	KJ-QC/FLS	0.021	J-RJ-QC/FFD/RPO	0.013
0.97	J-QC/FFB	<2	KJ-QC/FLS	0.076		0.020
0.87	BJ-QC/FBK/FFB	<2	K	0.061		0.015
0.91	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	<0.018	K	0.017
1.02		<2	K	0.061		0.018
1.35	B/FBK	<2	K	0.051		0.018
1.47	BJ-QC/FBK/FFB	<2	K	0.071		0.017
1.37	BJ-QC/FBK/FFB	<2	K	0.066		0.016
1.29	J-QC/FLS	<2	K	0.081		0.021
1.26	B/FBK	<2	K	<0.018	K	0.020
1.47	B/FBK	<2	K	<0.018	K	0.026
1.42	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPO	<0.018	K	0.015
1.47	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.021
1.44	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.024
1.34	BJ-QC/FBK/FFBFLDRPO	<2	K	0.066	J-QC/FSL	0.022
2.07	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	<0.018	K	0.021
1.16	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.018	K	0.017
0.92	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.018	K	0.013
1.29	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.112		0.026
1.71	BJ-QC/FBK/FFB	4	J-QC/FFD/RPO	<0.018	K	0.012
[redacted]						
1.32	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.025	J-R	0.012
1.32	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.020	J-R	0.013
1.09	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FFD/RPO	0.125		0.032
0.96	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.130		0.0076
1.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	KJ-QC/FMS	0.0081
1.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	KJ-QC/FMS	0.0071
1.70	BJ-QC/FBK/FFB	<2	K	0.186	J-QC/FFB	0.0118
1.85	BJ-QC/FBK/FFB	<2	K	0.216	J-QC/FFB	0.0118
1.81	BJ-QC/FBK/FFB	<2	K	0.166		0.0245
1.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.060		0.0276
2.03	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0175	KJ-QC/FFD/RPO	0.0263
2.70	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	KJ-QC/FFD/RPOFMS	0.0242
1.89	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.040		0.0255
1.90	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0198
4.37	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPO	<0.0175	K	0.0240
4.35	BJ-QC/FBK/FFBFLS	3	J-QC/FFD/RPO	<0.0175	K	0.0237
3.24	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FLS	<0.0175	K	0.0422
2.26	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0256
2.29	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0249
1.87	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.040		0.0262
1.64	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.252		0.0211
1.64	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.262		0.0225
1.44	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.079		0.0262
1.43	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.073		0.0273
1.56	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.157		0.0344
1.59	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.178		0.0340
1.62	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.058		0.0143

1.95	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.084		0.0234
1.63	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.073		0.0223
1.61	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.0179
1.46	BJ-QC/FBK/FFB	<2	K	0.068		0.0333
1.64	BJ-QC/FBK/FFBFLS	<2	K	0.068		0.0283
1.81	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFB	0.031	J-R	0.0118
1.86	BJ-QC/FBK/FFBFLSEHT	<2	K	0.111		0.0164
1.89	BJ-QC/FBK/FFB	<2	K	0.030	J-RJ-QC/FFD/RPO	0.0121
[redacted]						
1.45	BJ-QC/FBK/FFBFLS	<2	K	0.055		0.1120
0.52	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.045	J-R	0.0302
1.97	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.136		0.0177
1.46	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.173		0.0101
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.103		0.0048
1.77	BJ-QC/FBK/FFB	<2	K	0.076		0.0195
1.88	BJ-QC/FBK/FFB	<2	K	0.093		0.0196
1.50	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFD/RPOFLS	0.185		0.0184
1.18	BJ-QC/FBK/FFBFLS	<2	K	0.038	J-R	0.0220
1.22	BJ-QC/FBK/FFBFLS	<2	K	0.049	J-R	0.0136
1.31	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.125		0.0258
1.42	BJ-QC/FBK/FFBFLS	<2	K	0.065		0.0301
1.27	BJ-QC/FBK/FFBFLS	<2	K	0.136	J-QC/FSL	0.0390
1.21	BJ-QC/FBK/FFBFLS	<2	K	0.120	J-QC/FSL	0.0391
1.63	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FFD/RPO	0.098		0.0387
1.42	BJ-QC/FBK/FFB	3		0.114		0.0172
1.49	BJ-QC/FBK/FFB	3		0.098		0.0170
1.58	BJ-QC/FBK/FFBFLS	<2	K	0.117		0.0201
1.86	BJ-QCJ-HT/FBK/FFBEHT	3		0.208	J-QC/FFB	0.0201
1.70	BJ-QCJ-HT/FBK/FFBEHT	3		0.186	J-QC/FFB	0.0174
1.65	BJ-QC/FBK/FFB	3	J-QC/FLS	0.049	J-R	0.0318
0.95	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.065		0.0199
1.35	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.087		0.0202
1.41	BJ-QC/FBK/FFBFLS	<2	K	0.392		0.0154
1.79	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.479		0.0185
1.65	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.495		0.0171
1.62	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.054	J-R	0.0109
1.58	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.065	J-QC/FMS	0.0137
1.48	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.185		0.0256
1.48	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.170		0.0250
[redacted]						
1.52	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FFD/RPO	0.072		0.0170
1.67	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FFD/RPO	0.056	J-R	0.0163
1.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.041	J-RJ-QC/FSL	0.0136
1.36	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.051	J-RJ-QC/FSL	0.0130
1.98	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.065	J-RJ-QC/FFD/RPO	0.0315
1.92	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.048	J-RJ-QC/FFD/RPO	0.0295
1.93	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.173	J-QC/FLD/RPOFMS	0.0300
1.89	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.157	J-QC/FLD/RPOFMS	0.0257
1.74	BJ-QC/FBK/FFB	<2	K	0.173		0.0327
2.65	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.188	J-QC/FSL/FMS	0.0351

2.29	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.089		0.0718
1.84	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.167		0.0339
1.98	BJ-QC/FBK/FFBFLDRPO	<2	K	0.188	J-QC/FSL	0.0427
1.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.047	J-RJ-QC/FMS	0.0298
1.45	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.052	J-RJ-QC/FMS	0.0303
0.64	BJ-QC/FBK/FFBFFDRPO	<2	K	0.068	J-RJ-QC/FMS	0.0229
1.46	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.167		0.0304
1.64	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FMS	0.0206
1.67	BJ-QCJ-HT/FBK/FFBFLSEHT	9	J-QC/FFD/RPO	0.100	J-QC/FMS	0.0244
1.61	BJ-QC/FBK/FFBFLS	8		<0.0378	KJ-QC/FSL/FMS	0.0232
1.88	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.121		0.0294
1.91	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.053	J-R	0.0250
1.81	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.058	J-R	0.0239
1.82	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.090	J-QC/FMS	0.0238
1.79	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.074	J-RJ-QC/FMS	0.0231
2.08	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.100		0.0254
1.92	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.084		0.0232
1.40	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.079		0.0196
1.82	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.116		0.0191
1.80	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.058	J-R	0.0186
1.37	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.053	J-R	0.0152
1.36	BJ-QC/FBK/FFBFLS	<2	K	0.116	J-QC/FMS	0.0207
1.57	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.121	J-QC/FMS	0.0174
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	K	0.354		0.0413
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.052	J-QC/LLS/FMS	0.0274
—	NA	<2	KJ-QC/FMS	0.057	J/LLS	0.0261
—	NA	<2	KJ-QC/FMS	0.046	J/LLS	0.0214
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.063	J-QC/LLS/FMS	0.0151
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0221
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.096	J-QC/LLS/FFDRPO	0.0379
—	NA	<2	KJ-QC/FMS	0.210	J/LLS	0.0403
1.80	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.187	J-QC/LLS/FMS	0.0385
1.85	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.102	J-QC/LLS/FMS	0.0452
1.51	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.108	J-QC/LLS/FSLFMS	0.0163
2.18	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.102	J-QC/LLS/FSLFMS	0.0326
1.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QCJ-HT/FMS/EHT	0.119	J-QC/LLS/FSLFMS	0.0166
1.71	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.074	J-QC/LLS/FMS	0.0152
1.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.125	J-QC/LLS/FMS	0.0175
1.97	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0305

1.97	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0360
1.57	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	K	0.0204
1.35	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	KJ-QC/FSL	0.0172
1.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0135
1.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0197
1.28	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.102	J-R/LLS	0.0262
1.46	3J-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.121	J-R/LLS	0.0189
1.29	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	<0.0911	K	0.0169
1.53	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	KJ-QC/FFD/RPO	0.0234
1.36	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.159	J-RJ-QC/LLS/FFB	0.0257
1.68	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.484		0.0141
1.91	BJ-QCJ-HT/FBK/FFB	4	J-QC	0.208	J-QC/LLS	0.0271
1.58	BJ-QCJ-HT/FBK/FFB	—	NAPQNS	—	NAPQNS	—
1.92	BJ-QC/FBK/FFBFMS	6	J-QC/FLS	0.301	J-QC/LLS/FFBFFDRPO	0.0152
1.82	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.352	J/LLS	0.0117
1.62	BJ-QC/FBK/FFB	<2	K	0.216	J/LLS	0.0075
1.65	BJ-QC/FBK/FFB	<2	K	0.142	J/LLS	0.0109
1.48	BJ-QC/FBK/FFB	<2	K	0.170	J/LLS	0.0152
1.50	BJ-QC/FBK/FFBFLDRPO	<2	K	0.222	J-QC/LLS/FSL	0.0252
1.97	BJ-QC/FBK/FFBFLDRPO	<2	K	0.114	J-QC/LLS/FSL	0.0316
1.88	BJ-QC/FBK/FFBFMS	<2	K	0.199	J/LLS	0.0304
1.97	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.039	J-RJ-QC/LLS	0.0257
1.15	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FSL	0.0329
1.34	BJ-QC/FBK/FFB	<2	KJ-QC	0.028	J-R/LLS	0.0278
1.54	BJ-QC/FBK/FFBFMS	<2	K	0.061	J/LLS	0.0202
1.81	BJ-QC/FBK/FFBFFDRPOFMS	<2	K	0.045	J-RJ-QC/LLS/FSL	0.0209
0.91	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.056	J-QC/LLS/FFB	0.0442
1.85	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC/FLS	0.078	J-QC/LLS/FSL	0.0173
1.76	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0179
1.38	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0155
1.51	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0201
1.44	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0186
1.34	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	K	0.0154
1.61	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.045	J-R/LLS	0.0256
1.62	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0194
1.67	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.2019
1.99	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.068	J/LLS	0.0106
1.47	BJ-QC/FBK/FFBFMS	<2	K	0.058	J/LLS	0.0144
1.55	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	J-QCJ-HT/FLS	0.092	J/LLS	0.0313

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	1.12	0.131	0.11	1.96
	0.65	0.160	0.09	1.33
[redacted]				
	1.15	0.147	0.09	1.45
	1.32	0.134	0.11	2.14
	1.95	0.167	0.15	1.84
	1.46	0.115	0.08	2.94
	1.53	0.167	0.13	6.9
	1.61	0.175	0.16	9.3
	1.15	0.207	0.10	5.34
	0.93	0.232	0.21	18.2
	1.50	0.262	0.22	7.7
	2.05	0.366	0.34	7.9
	1.82	0.289	0.31	4.0
	3.46	0.341	0.32	29.2
	1.86	0.308	0.28	33.5
	2.02	0.356	0.35	10.0
	2.78	0.553	0.48	60.0
	2.55	0.736	0.78	5.8
	1.76	0.330	0.35	3.15
	1.34	0.361	0.20	5.26
	1.11	0.284	0.28	2.04
	2.32	0.387	0.40	1.62
	1.92	0.327	0.31	2.04
	1.10	0.251	0.26	3.97
	2.74	0.333	0.34	1.99
	1.83	0.242	0.27	1.64
	0.75	0.200	0.16	4.29
	2.29	0.444	0.39	1.83
	0.55	0.171	0.16	2.43
	2.28	0.354	0.33	0.61
	2.89	0.486	0.46	0.82
	1.70	0.255	0.26	2.85
	0.64	0.223	0.21	5.42
	0.79	0.094	0.11	2.33
[redacted]				
	0.96	0.090	0.09	2.42
	2.17	0.195	0.23	1.82
	1.36	0.158	0.17	4.01
	1.75	0.181	0.17	2.99
	1.68	0.122	0.15	7.58
	1.33	0.193	0.16	19.92
	1.70	0.224	0.23	13.01
	2.08	0.278	0.25	11.08
	1.98	0.327	0.32	14.59
	2.95	0.488	0.47	—

2.78	0.445	—	—
2.65	0.367	0.38	—
2.33	0.506	0.43	—
3.19	0.526	—	—
1.34	0.322	—	—
3.15	0.526	0.49	—
2.01	0.602	0.59	—
2.72	0.580	0.53	—
2.74	0.831	0.82	—
2.29	0.438	0.43	—
3.12	0.637	0.62	—
3.41	0.611	0.61	—
3.65	0.674	0.63	—
2.29	0.531	0.53	—
4.19	0.624	0.58	—
1.87	0.270	0.27	—
1.09	0.167	0.17	—
2.37	0.260	0.26	—
1.35	0.190	0.21	—
1.75	0.210	0.19	—
1.27	0.130	0.11	—
[redacted]			
1.11	0.07	0.08	—
1.17	0.09	0.05	—
1.00	0.083	0.07	—
1.62	0.107	0.11	—
2.28	0.223	0.22	—
2.17	0.294	0.26	—
1.43	0.393	0.36	—
2.17	0.361	0.32	—
1.31	0.262	0.23	—
1.91	0.350	—	—
0.95	0.216	—	—
1.24	0.252	—	—
1.82	0.310	0.34	—
0.93	0.220	0.16	—
0.70	0.231	0.21	—
2.29	0.313	0.27	—
1.60	0.274	0.29	—
0.73	0.267	0.32	—
1.04	0.326	0.31	—
1.77	0.350	—	—
1.18	0.229	0.28	—
2.35	0.354	0.34	—
3.35	0.485	0.49	—
2.80	0.406	0.41	—
3.01	0.288	0.27	—
0.80	0.208	0.14	—
1.63	0.293	0.27	—
1.20	0.225	0.22	—

2.42	0.327	0.29	—
2.57	0.332	0.34	—
1.72	0.087	0.15	—
0.58	0.116	0.12	—
1.11	0.143	0.14	—
2.64	0.204	0.24	—
[redacted]			
1.28	0.156	0.19	4.3
1.37	0.162	0.09	3.6
2.72	0.222	0.18	2.0
2.75	0.191	0.22	7.7
1.79	0.155	0.12	4.4
0.840	0.096	0.55	46.1
1.27	0.082	0.10	38.6
1.27	0.091	0.09	39.4
0.438	0.081	0.05	91.2
0.518	0.094	0.05	93.2
0.863	0.128	0.11	16.0
1.75	0.268	0.19	13.9
1.77	0.255	0.18	17.3
2.05	0.283	0.22	4.8
1.98	0.265	0.21	5.4
2.46	—	0.30	8.7
1.81	0.316	0.27	8.2
1.81	0.329	0.26	9.3
2.21	0.286	0.26	3.8
2.19	0.299	0.26	3.6
2.03	0.283	0.40	<3.0
2.70	0.335	0.31	6.9
2.01	0.334	0.30	<3.0
2.04	0.327	0.29	<3.0
2.04	0.427	0.34	6.1
1.97	0.404	0.34	7.2
1.64	0.372	0.29	22.2
1.45	0.327	0.27	7.4
1.45	0.328	0.26	8.0
2.30	0.368	0.31	8.1
0.627	0.335	0.17	7.3
1.53	0.327	0.31	6.6
2.90	0.375	0.31	6.6
4.80	0.431	0.42	6.6
2.44	0.36	0.35	1.5
5.83	0.58	0.57	9.9
4.97	0.56	0.57	6.6
4.97	0.37	0.57	6.3
1.61	0.34	0.30	6.6
2.78	0.39	0.33	<3.0
2.63	0.33	0.31	<3.0
1.99	0.29	0.26	<3.0
[redacted]			

	2.57		0.23		0.17	3.9
	3.26		0.22		0.17	4.4
	0.760		0.07		0.05	3.2
	0.720		0.06		0.05	3.4
	0.949		0.07		0.06	2.6
	0.968		0.09		0.06	2.9
	1.51		0.14		0.23	2.8
	1.79		0.25		0.20	6.6
	1.09		0.13		0.14	<2.4
	1.01		0.13		0.13	3.3
	0.569		0.37		0.14	9.6
	0.699		0.38		0.13	9.4
	1.42		0.39		0.20	5.0
	1.87		0.25		0.25	<2.4
	2.35		0.32		0.30	3.5
	2.47		0.30		0.28	3.6
	2.31		0.36		0.35	3.5
	2.37		0.35		0.32	3.6
	2.12		0.31		0.31	<2.4
	2.20		0.37		0.37	<2.4
	2.91		0.38		0.39	<2.4
	2.90		0.40		0.38	<2.4
	2.56		0.44		0.39	4.9
	2.79		0.49		0.47	2.7
	2.89		0.46		0.47	2.8
	2.50		0.38		0.37	150.4
	1.49		0.37		0.37	21.1
	2.41		0.46		0.31	9.9
	2.47		0.39		0.39	9.6
	2.43		0.40		0.40	91.0
	1.00		0.32		0.32	13.2
	1.00		0.32		0.30	12.7
	2.66		0.52		0.48	10.3
	0.647		0.66		0.64	4.8
	1.39		0.34		0.26	10.7
	3.07		0.25		0.24	<2.4
J-QC/FFD/RPO	2.84		0.22	J-QC/FFD/RPO	0.21	<2.4
J-QC/FFB	2.91		0.17		0.18	2.4
	1.89	J-QC/FFB	0.27		0.23	4.9
	2.17	J-QC/FFB	0.24		0.21	5.0
	2.29		0.27	J-QC/FFD/RPO	0.24	5.5
	0.571		0.20		0.15	<2.4
	0.556		0.21		0.16	<2.4
J-QC/FFB	1.90		0.25		0.21	<2.4
J-QC/FFB	1.93		0.21		0.19	<2.4
	2.72		0.29		0.25	1.2
J-QC/FFB	2.24		0.28		0.28	0.4

J-QC/FFB	2.39		0.27		0.27		0.4
	1.28		0.22		0.25	J-QC/FFD/RPO	0.7
	0.588		0.13		0.12	J-QC/FFD/RPO	2.2
J-QC/FFB	1.58		0.23		0.19		4.5
J-HT/EHT	1.86	J-QC/FFB	0.20		0.18		7.6
	1.84	J-QC/FFB	0.20		0.16		9.3
	1.91		0.27		0.24		3.7
	1.86		0.26		0.24		3.6
J-QC/FFB	0.930		0.24		0.15		4.2
J-QC/FFB	0.878		0.25		0.15		4.1
	1.37		0.29		0.25		2.8
	1.78	J-QC/FFB	0.23		0.20		1.4
	1.80	J-QC/FFB	0.21		0.19		1.4
	0.974		0.23	J-QC/FFB/FFDRPO	0.17		2.5
	2.04		—	NAP	0.31	J-QC/FFB	1.0
	1.97		—	NAP	0.29	J-QC/FFB	1.0
J-QC/FFB	2.73		0.27		0.27		1.8
	2.52		0.24	J-QC/FFD/RPO	0.24		1.5
	2.48		0.33		0.42	J-MIJ-QC/FFD/RPO	1.6
	2.81	J-QC/FFD/RPO	0.35		0.33		1.2
J-QC/FFB	2.23		0.25		0.25		2.4
J-QC/FFB	0.794		0.10		0.09		2.7
[redacted]							
	0.644		0.09	J-QC/FLD/RPO	0.08		0.9
	0.767		0.11	J-QC/FLD/RPO	0.07		1.1
J-QC/FFB	1.05		0.09		0.07		2.6
J-R	0.845		0.08	J-QC/FFD/RPO	0.05		9.8
J-R	0.450		0.09		0.06		10.2
J-R	0.467		0.08		0.05		10.4
	0.742		0.18		0.15		6.0
	0.599		0.18		0.14		6.3
	1.37	J-QC/FFD/RPO	0.22	J-QC/FFD/RPO	0.20		4.1
J-QC/FFB	1.69		0.25		0.23		8.4
	1.82	J-QC/FFD/RPO	0.25	J-QC/FFB/FFDRPO	0.23		5.0
	2.27		0.31	J-QC/FFD/RPO	0.28	J-QC/FLS	38.6
J-QC/FFB	2.41		0.32		0.29		8.2
	2.51		0.28		0.24		16.4
	2.29		0.39	J-QC/FFB	0.35		66.0
	2.18		0.48	J-QC/FFB	0.35		59.8
	2.60	J-QC/FFD/RPO	0.50	J-QC/FFB/FFDRPO	0.42		45.0
	1.48		0.37		0.33		23.1
	1.69		0.34		0.32		22.5
	2.50		0.38		0.37		20.3
	2.97		0.39		0.35		10.9
	2.97		0.35		0.33		12.3
	3.19		0.46		0.43		10.8
	2.95		0.45		0.41		11.4
	3.75		0.44		0.41		3.4
	3.65		0.42		0.40		3.5
	1.33		0.24		0.20		53.5

	2.28	J-QC/FFD/RPO	0.34		0.31		1.8
	1.47	J-QC/FFD/RPO	0.31		0.28		1.7
	4.29		0.48		0.44		1.5
	3.71		0.37		0.35		<1.3
	4.12		0.58	J-QC/FLS	0.57		2.2
	0.932		0.24		0.19		2.1
	4.80		0.44	J-QC/FFD/RPO	0.44		2.1
	1.01		0.17	J-QC/FFD/RPO	.0.15		3.9
[redacted]							
	3.0000	J-QC/FLS	0.27	J-QC/FFD/RPO	0.21		2.1
	2.7100	J-QC/FFB	0.20		0.17		3.9
J-QC/FFD/RPO	0.6373	J-QC/FFD/RPO	0.23		0.05		19.7
J-QC/FFB/FFDRPO	1.4666		0.11		0.09		13.6
J-R	0.4564	J-QC/FFD/RPO	0.14	J-QC/FFD/RPO	0.08		4.5
	0.2190	J-QC/FFD/RPO	0.15		0.13	J-QC/FFD/RPO	6.9
	0.1269	J-QC/FFD/RPO	0.16		0.28	J-QC/FFD/RPO	7.8
	0.8570		0.12	J-QC/FFD/RPO	0.12		8.4
J-QC/FFB/FFDRPO	0.5444	J-QC/FLS	0.10		0.10		3.7
J-QC/FFB/FFDRPO	0.5195	J-QC/FLS	0.10		0.09		3.1
J-QC/FFB	1.1826	J-QC/FLS	0.24		0.21		9.02
	2.0786		0.29		0.27		8.95
	1.7600	J-QC/FLS	0.23	J-QC/FFB	0.20		—
	1.7300	J-QC/FLS	0.20	J-QC/FFB	0.18		—
	0.9243		0.16	J-QC/FFD/RPOFLS	0.19		3.9
	0.6399		0.12		0.09		2.9
	0.6563		0.12		0.09		3.4
J-QC/FFB	1.4327		0.20		0.17	J-QC/FFD/RPO	2.6
J-QC/FFB	1.6423		0.26		0.21		4.4
J-QC/FFB	1.6230		0.23		0.18		31.4
J-QC/FFB	1.4943	J-QC/FLS	0.31		0.29		39.8
J-QC/FFB	2.6337		0.33		0.31		12.6
J-QC/FFB	2.4718		0.32		0.30		13.8
	1.6838	J-QC/FFB/FFDRPO	0.23		0.19	J-QC/FFD/RPO	6.34
J-QC/FFB	1.4637		0.19		0.21		4.7
J-QC/FFB	1.4649		0.18		0.20		4.2
	0.6116		0.16		0.14		2.4
	0.4847		0.12	J-QC/FLD/RPOFLS	0.11	J-QC/FFB	4.16
J-QC/FFB	1.1307		0.11		0.09		11.7
J-QC/FFB	1.2052		0.11		0.09		12.2
[redacted]							
	1.2541	J-QC/FLS	0.15		0.13		6.00
	1.6240	J-QC/FLS	0.15		0.12		5.20
J-QC/FFB	2.1240	J-QC/FFB	0.14		0.12		16.2
J-QC/FFB	1.9530	J-QC/FFB	0.15		0.11		16.5
J-QC/FFB	1.8767	J-QC/FLS	0.15		0.13		7.50
J-QC/FFB	1.7185	J-QC/FLS	0.15		0.12		8.60
	2.6819		0.25		0.19		45.3
	2.6178		0.24		0.17		37.3
J-QC/FFB	2.0014	J-QC/FFB	0.24		0.20		21.8
J-QC/FFB	1.5947		0.26		0.21		5.23

J-QC/FFB	2.2489		0.32		0.29		6.89
J-QC/FFB	1.8086		0.23		0.21		1.00
J-QC/FFB	1.3601		0.26	J-QC/FFD/RPO	0.23	J-QC/FFD/RPO	1.15
J-QC/FFB	0.9747	J-QC/FFD/RPO	0.40		0.16		1.58
J-QC/FFB	1.3223	J-QC/FLS	0.26		0.22		2.61
J-QC/FFB	1.5108		0.24		0.22		1.01
J-HT/EHT	2.5259	J-QC/FFB/FLS	0.30		0.26		1.75
J-QC/FFB	3.4964	J-QC/FFB/FLS	0.29		0.28		3.96
J-QC/FFB	2.8265		0.40		0.39		2.97
J-QC/FFB/FFDRPO	0.4620		0.49		0.45		4.02
	2.9388		0.39		0.35		0.55
J-HT/EHT	2.0235	J-QC/FLS	0.25		0.22		1.61
J-HT/EHT	1.9957	J-QC/FLS	0.23		0.22		2.03
	3.3402		0.35		0.32		0.597
	3.3753		0.32		0.29		0.817
	1.9601		0.24		0.23		1.12
	1.9661		0.23		0.22		0.873
J-QC/FFB	2.2759	J-HT/EHT	0.28		0.28		1.27
	1.4471		0.40		0.37		1.67
	2.5094		0.28		0.26		0.80
	3.2773		0.30		0.28		1.46
	3.7288		0.41		0.40		0.59
	4.2493	J-HT/EHT	0.60	J-QC/FFB	0.57		<0.234
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
J-QCJ-HT/FFB/EHT	2.8644		0.43		0.39		3.17
[redacted]							
	1.7579		0.18	J-QC	0.15	J-QC	2.32
	1.5466	J-QC/FFB	0.14	J-QC	0.13	J-QC	1.79
	1.4846	J-QC/FFB	0.13	J-QC	0.12	J-QC	1.66
NA	—	NA	—	NA	—	NA	—
	1.1202	J-QC/FFB	—	NAPQNS	—	NAPQNS	5.25
NA	—	NA	—	NA	—	NA	—
	1.8540		0.15	J-QC	0.12	J-HT/EHT	11.9
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
	2.6530	J-QC/FFB	0.24	J-QC	0.21	J-QC	15.7
	1.5914		0.22	J-QC/FFD/RPO	0.16	J-QC/FSL	5.46
	0.7193		0.24	J-QC/FFD/RPO	0.17	J-QC/FLD/RPO	3.39
	1.8903		0.28		0.24		1.38
	0.6902		0.18	J-QC	0.12	J-QC	0.348
J-QC/FFB	1.0395		0.29		0.24	J-QC/FLD/RPO	1.07
J-QCJ-HT/FFB/EHT	0.6723		0.13	J-QC/FFD/RPO	0.14	J-QC/FLD/RPO	2.13
	1.0399		0.15		0.13	J-QC	1.81
	0.8265	J-QCJ-HT/FFB/EHT	0.21	J-QC/FFB/FLDRPO	0.21		<0.231
J-QC/FFB	0.9361		0.30		0.26	J-QC/FMS	0.801

	2.2800		0.20	J-QC/FSL	0.21	J-QC	0.778
	2.8935	J-QC/FLS	0.25		0.24		2.44
	2.0607		0.22	J-QC/FSL	0.21		1.41
	1.9977		0.25		0.22		1.14
J-QC/FFB	2.2987	J-QC/FFB	0.27		0.26		1.07
J-QC/FFB	2.4011	J-QC/FLS	0.22		0.22		0.612
	2.1700	J-QC/FFB	0.27		0.23	J-QC/FMS	1.40
	3.3182	J-QC/FFB/FLS	0.31		0.28		1.55
	3.6852	J-QC/FLS	0.58	J-QC	0.53	J-QC/FFD/RPO	0.967
	4.5032		0.67		0.63		2.66
J-QC/FFB	2.3512	J-QCJ-HT/FFB/EHT	0.27		0.27		2.86
J-QC	2.7790	J-QCJ-HT/FLS	0.21		0.19	J-HT	2.83
NAPQNS	—	NAPQNS	0.20		0.19	J-HT	—
	1.2748		0.11		0.09		4.15
J-QC/FFB	0.5415		0.11	J-QC/FFB	0.06	J-HT	1.75
J/LLS	0.2530		0.09	J-QC/FFB/FMS	0.06		4.06
J-QC/FFB	0.5813	J-QCJ-HT	0.12	J-QC/FFB	0.09	J-QC/FFB	4.51
J-QC/FFB	0.7178		0.11		0.08	J-QC/FFB	2.92
	1.0989		0.16		0.14	J-QC/FFB	5.90
J-QC/FFB	1.8800		0.20		0.15		18.9
	1.4884		0.23	J-QC/FMS	0.19		18.2
J-QC/FFB	1.7557		0.20		0.18		25.1
J-QC/FFB	1.8110	J-QC	0.24		0.21		17.2
J-HT	1.1930		0.20		0.18		4.83
	1.8834		0.25	J-QC/FFB	0.21		8.29
J-QC/FFB	2.1945		0.23		0.20		13.4
J-QC/FFB	2.3719		0.28		0.26		22.2
J-QC/FFB	2.4961	J-QC/FFD/RPO	0.32		0.29		35.0
J-QC/FFB	2.8125	J-HT	0.33		0.28		—
	2.6846		0.38		0.32		10.2
	3.9562		0.54		0.48		8.23
	3.9174		0.51		0.50		8.75
J-QC/FFB	3.2673		0.46	J-QC/FMS	0.42		13.5
	4.6436		0.49	J-QC/FFB/FMS	0.45		5.28
	4.5817		0.47	J-QC/FFB/FMS	0.44		5.56
J-QC/FFB	5.0729		0.67		0.68		8.75
	2.1084	J-QC/FLS	0.46		0.38		5.67
J-QC/FFB	2.9191	J-QC	0.38	J-QC	0.30	J-QC	2.78
J-QC/FFB	1.4583		0.26	J-QC	0.19	J-QC	3.01

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	6.3	0.00	0.00
	5.2	0.36	0.36
[redacted]			
	4.5	0.00	0.00
	5.6	0.00	0.00
	13.0	0.00	0.00
	3.5	0.03	0.51
	10.0	0.16	0.16
	7.0	0.00	0.06
	7.1	0.09	1.26
	9.6	0.24	0.25
	4.8	0.00	0.03
	2.6	0.10	0.10
	3.6	0.00	0.05
	2.2	0.00	0.00
	3.4	0.00	0.00
	4.4	0.00	0.00
	1.0	0.00	0.00
	20.6	0.00	0.00
	8.4	0.00	0.00
	7.3	0.00	0.00
	11.5	0.00	0.18
	11.7	0.00	0.00
	<0.5	0.45	0.69
	6.7	0.00	0.00
	8.2	0.00	0.00
	6.5	0.00	0.00
	7.4	0.00	0.00
	6.6	0.00	0.00
	5.6	0.00	0.00
	9.9	0.39	0.39
	4.8	0.00	0.00
	6.6	0.00	0.00
	6.8	0.00	0.00
	6.1	0.00	0.00
[redacted]			
	3.9	0.19	0.19
	<0.5	0.00	0.00
	1.0	0.13	0.77
	<0.5	0.00	0.12
	0.5	0.00	0.00
	0.8	0.00	0.00
	1.8	0.09	0.24
	<0.5	0.00	0.00
	1.3	0.00	0.00
	<0.5	0.40	0.40

—	0.00	0.00	[redacted]
<0.5	0.00	0.00	
4.6	0.04	0.54	
—	0.83	0.83	[redacted]
—	0.00	0.00	
5.4	0.00	0.00	
5.1	0.07	0.07	
3.6	0.00	0.00	
3.5	0.00	0.00	
4.6	0.00	0.08	
3.0	0.00	0.00	
5.0	0.00	0.00	[redacted]
4.0	0.00	0.00	
3.8	0.00	0.00	
2.7	0.00	0.12	
5.7	3.30	3.41	
6.1	0.80	0.80	
24.6	0.30	0.30	
8.7	0.00	0.00	
7.2	0.00	0.00	[redacted]
6.6	0.00	0.06	
[redacted]			
5.9	0.00	0.00	
4.7	0.00	0.00	
6.6	0.00	0.00	
3.9	0.00	0.00	
3.2	0.00	0.00	
2.5	0.00	0.00	
3.8	0.06	0.57	
4.3	0.00	0.00	
5.4	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.01	
3.2	0.41	0.41	
5.7	0.00	0.05	
5.3	0.00	0.00	
2.6	0.00	0.00	
3.4	0.12	0.13	
6.7	2.05	2.10	
6.4	0.00	0.00	
—	0.00	0.00	
8.3	0.00	0.00	
7.3	0.00	0.00	
6.4	0.00	0.00	
5.5	0.00	0.04	
6.1	0.27	0.84	
7.1	0.00	0.02	
9.2	0.00	0.00	
8.1	0.00	0.00	

4.4	0.00	0.00
3.4	1.86	1.86
5.2	0.00	0.00
4.4	0.00	0.00
2.3	0.00	0.00
1.1	0.00	0.00
[redacted]		
1.7	0.00	0.00
1.6	0.00	0.00
1.4	0.00	0.07
2.9	0.00	0.42
1.6	0.00	0.15
1.9	0.00	0.00
1.8	0.00	0.00
1.5	0.00	0.00
4.5	0.00	0.00
3.9	0.00	0.00
3.2	0.00	0.00
2.8	0.66	0.66
2.0	0.66	0.66
3.3	0.00	0.01
2.3	0.00	0.01
2.0	0.00	0.00
3.5	1.63	3.00
2.5	1.63	3.00
5.5	0.06	0.06
6.4	0.06	0.06
3.7	0.00	0.00
—	0.00	0.00
4.1	0.00	0.00
3.6	0.00	0.00
4.4	0.00	0.02
4.7	0.00	0.02
5.4	2.40	2.40
8.2	0.00	0.00
6.9	0.00	0.00
6.9	0.00	0.00
11.8	0.01	0.01
12.5	0.03	0.32
5.1	0.00	0.00
7.2	0.05	0.05
5.7	0.00	0.00
7.6	0.00	0.00
6.3	0.07	0.65
6.9	0.07	0.65
4.8	0.15	0.15
7.7	0.00	0.00
6.5	0.30	0.30
7.0	0.61	0.72
[redacted]		

	3.1		0.00	0.00
	2.4		0.00	0.00
	4.3		0.00	0.00
	3.5		0.00	0.00
J-R	4.0		0.00	0.00
J-R	3.7		0.00	0.00
J-R	4.1		0.00	0.00
	4.5		0.00	0.07
	6.0		0.48	0.48
J-R	4.9		0.48	0.48
	5.5		0.00	0.20
	5.0		0.00	0.20
	5.5		0.00	0.14
	8.4		0.00	0.00
J-R	5.8		0.00	0.01
J-R	5.1		0.00	0.01
J-R	5.3		0.04	0.21
J-R	5.0		0.04	0.21
	8.6		0.01	0.83
	8.7		0.01	0.83
	5.1		0.02	1.14
	4.5		0.02	1.14
	5.0		0.00	0.00
J-R	5.6		0.00	0.00
J-R	5.2		0.00	0.00
	6.3		0.00	0.03
	7.1		0.00	0.13
	6.2		0.00	0.00
	5.6		0.00	0.00
	6.0		1.17	1.23
	4.2		0.00	0.00
	3.6		0.00	0.00
	4.1		0.00	0.00
	3.1		0.00	0.00
	5.0		0.00	0.00
KJ-HT/EHT	4.9		0.00	0.00
KJ-HT/EHT	5.1		0.00	0.00
J-RJ-HT/EHT	5.2	J-QC/FFD/RPO	0.00	0.00
J-HT/EHT	5.3		2.75	2.75
J-HT/EHT	4.4		2.75	2.75
	5.3		0.54	1.15
K	8.2		0.00	0.00
K	7.3		0.00	0.00
K	5.9		0.00	0.15
K	5.0		0.00	0.15
J-R	5.5		0.00	0.00
J-R	6.9		0.00	0.00

J-R	6.8		0.00	0.00
J-R	7.1		0.00	0.00
	—	NAPEFAI/EQF	0.00	0.66
	6.9	J-QC/FFB	0.08	0.08
	5.4		0.00	0.20
J-QC/FFB	5.3		0.00	0.00
	5.6	J-QC/FFB	0.00	0.15
	6.7	J-QC/FFB	0.00	0.15
	6.9		0.00	1.70
	6.3		0.00	1.70
J-QC/FFD/RPO	10.0	J-QC/FFB	0.41	0.42
J-R	6.6	J-QC/FFB	0.00	0.00
J-R	6.3	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	7.6	J-QC/FFB	0.01	0.11
J-R	7.3	J-QC/FFB	0.00	0.00
J-R	6.8	J-QC/FFB	0.00	0.00
J-R	5.6	J-QC/FFB	0.00	0.00
J-R	5.2	J-QC/FFB	0.00	0.00
J-R	5.3	J-QC/FFB	0.00	0.00
J-R	5.0	J-QC/FFB	0.00	0.00
	5.4		0.00	0.00
	5.9	J-QC/FFB	0.00	1.04
[redacted]				
J-R	7.00	J-QC/FFB/FFDRPO	0.00	0.00
J-R	15.00	J-QC/FFB/FFDRPOOUT	0.00	0.00
	6.10		0.00	0.00
	5.30	J-QC/FFB/FLDRPO	0.00	0.00
	5.50		0.00	0.00
	5.30		0.00	0.00
	5.94		0.00	0.03
	5.44		0.00	0.03
J-QC/FSL	6.55		0.00	0.00
	4.50	J-QC/FFB	0.00	0.00
	5.30	J-QC/FFB	0.00	0.00
	5.06	J-QC/FFB	0.00	0.02
	4.49	J-QC/FFB	0.00	0.18
	4.49		0.00	0.00
	4.60		0.00	0.00
	4.40		0.00	0.00
J-QC/FSL	4.90	J-QC/FFB	0.00	0.17
J-QC/FSL	4.90	J-QC/FFB	0.05	0.05
J-QC/FSL	6.00	J-QC/FFB	0.05	0.05
	4.80	J-QC/FFB	0.00	0.28
	4.50	J-QC/FFB	0.00	0.04
	4.30	J-QC/FFB	0.00	0.04
	5.40	BJ-QC/FBK/FFB	0.00	0.00
	6.20	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	5.30	J-QC/FFB	1.24	1.41
J-QC/FSL	4.80	J-QC/FFB	1.24	1.41
	4.50	J-QC/FFB	0.34	1.06

J-R	5.40	BJ-QC/FBK/FFB	0.00	0.00
J-R	4.70	BJ-QC/FBK/FFB	0.00	0.00
J-RJ-QC/FFD/RPO	4.20	BJ-QC/FBK/FFB	0.93	1.31
K	4.10	J-QC/FFB	0.00	0.00
J-R	4.40	J-QC/FFB	0.16	1.21
J-R	7.80		0.27	0.28
J-R	7.10		0.00	0.00
J-QC/FFD/RPO	7.90	J-QC/FFB	0.00	0.00
[redacted]				
J-R	4.5		0.00	0.02
	5.3	J-QC/FFB	0.10	0.10
J-QC/FFD/RPO	5.6		0.17	2.58
	3.9	J-QC/FFB/FFDRPO	0.04	0.04
	5.9	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	5.3	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	4.9	BJ-QC/FBK/FFB	0.00	0.00
	4.3		2.39	3.03
	6.1	B/FBK	0.03	0.03
	5.8	B/FBK	0.03	0.03
	6.9	J-QC/FFB	0.00	0.00
	4.1		0.00	0.00
A/LBF	3.9	J-QC/FFB/FFDRPO	0.49	0.53
A/LBF	<0.02	KJ-QC/FFB/FFDRPO	0.49	0.53
J-HT/EHT	4.5	J-QC/FFB/FFDRPO	0.00	0.00
	5.1	J-QC/FFB	0.00	0.00
	4.5	J-QC/FFB	0.00	0.00
	5.2	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.5	J-QC/FFB	0.04	0.04
J-QC/FFD/RPO	4.0	J-QC/FFB	0.04	0.04
	4.6	J-QC/FFB	0.39	0.39
	4.2	J-QC/FFB	0.28	0.29
	3.6	J-QC/FFB	0.28	0.29
	3.6	J-QC/FFB	1.32	1.32
	5.5	J-QC/FFB	0.01	7.69
	4.9	J-QC/FFB	0.01	7.69
	8.4		0.00	0.70
	7.6	J-QC/FFB	1.36	5.34
	5.1	J-QC/FFB	0.22	0.22
	4.9	J-QC/FFB	0.22	0.22
[redacted]				
	3.8	J-QC/FFD/RPO	0.00	0.00
	5.3	J-QC/FFD/RPO	0.00	0.00
	3.5	J-QC/FFB	0.00	0.00
	3.3	J-QC/FFB	0.00	0.00
	3.9	J-QC/FFB	0.00	0.00
	3.7	J-QC/FFB	0.00	0.00
	4.1	J-QC/FFB	0.00	0.00
	3.4	J-QC/FFB	0.00	0.00
J-QC/FSL	6.3		0.62	0.62
	5.6		0.00	0.00

	4.8	B/FBK	0.03	0.03
	6.4		0.20	2.14
J-QC/FSL	6.9	J-QC/FFB/FFDRPO	0.02	0.18
	4.8	J-QC/FFB	1.36	1.37
J-QC/FSL	6.0	J-QC/FFB	0.00	0.06
J-QC/FFB	6.3	BJ-QC/FBK/FFB	0.00	0.00
	4.8		0.95	0.95
	3.8	BJ-QC/FBK/FFDRPO	0.00	0.00
	4.0	BJ-QC/FBK/FFDFLDRPO	0.00	0.02
	4.5	J-QC/FFB/FFDRPO	0.00	0.26
	6.7	J-QC/FFB/FLS	0.04	0.09
	5.0	J-QC/FFB/FFDRPO	0.00	0.00
	3.5	J-QC/FFB/FFDRPO	0.00	0.00
J-QC/FFD/RPO	4.0		0.05	0.40
J-QC/FFD/RPO	3.4		0.05	0.40
	4.9	J-QC/FFB	0.00	0.00
	5.7	J-QC/FFB	0.00	0.00
	2.9	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.4	J-QC/FFB/FFDRPO	0.11	0.70
J-QC/FFD/RPO	3.4		0.00	0.06
J-QC/FSL	3.6	J-QC/FFD/FLDRPO	0.00	0.00
J-QC/FSL	4.1		0.05	0.05
KJ-QC/FSL	3.6		0.35	0.35
NA	—	NA	0.00	0.00
NA	—	NA	0.05	1.08
NA	—	NA	0.00	0.05
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
	4.9		0.03	0.07
[redacted]				
	4.57	J-QC/FFB	0.11	0.17
J/LLS	3.73	J-QC/FFB	0.00	0.03
J/LLS	3.34	J-QC/FFB	0.00	0.03
NA	—	NA	0.00	0.00
J-QC/FFB	—	NAPQNS	0.95	1.15
NA	—	NA	0.00	0.29
	3.1	J-QC/FFB	0.01	0.01
NA	—	NA	0.02	0.02
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	4.4	J-QC	0.00	0.00
J-QC/FFB/FFDRPO	4.5	[redacted]	0.08	1.54
J-QC/FFB/FFDRPO	6.6	J-QC/FMS	0.00	0.00
J-QC/LLS/FFB	6.7	J-QC/FFD/RPO	0.00	0.00
I-RJ-QC/LLS/FFDRP(	11.0	J-QC/FFB	0.00	0.00
-QC/LLS/FFBFFDRP(	8.6	[redacted]	0.00	0.55
	7.7	J-QC/FFB/FFDRPOFMS	0.04	1.03
J/LLS	7.1	J-QC/FFB	0.14	0.27
K	9.4	J-QC/FFB	0.11	0.11
J-QC/LLS/FFB	8.1	[redacted]	0.00	0.00

J/LLS	5.5	J-QC/FFB/FMS	0.00	0.00
J-QC/FFD/RPO	4.2	J-QC/FLD/RPO	0.19	0.19
J/LLS	5.5	J-QC	0.02	0.52
J-QC/LLS/FFDRPO	5.7	J-QC	0.00	0.00
J/LLS	4.9	J-QC	0.03	0.03
J-QC/LLS/FFDRPO	4.0	[redacted]	0.00	0.05
J-QC/LLS/FFB	4.7		0.00	0.04
J/LLS	3.6	J-QC/FLD/RPOFSL	0.00	0.48
J-QC/LLS/FFB	4.11	J-QC/FMS	0.00	0.40
J-HT/EHT	4.4	J-QC/FLD/RPOFMS	0.10	0.10
	6.69	[redacted]	0.00	0.34
[redacted]				
J-QC	2.3		0.00	0.00
NAPQNS	2.5		0.00	0.00
	4.4		0.00	0.36
J/LLS	4.7		0.00	0.15
	5.8		0.00	0.01
	4.8		0.00	0.08
	6.0		0.00	0.00
	5.7		0.00	0.00
	6.5		0.00	0.00
	4.9	J-QC	2.46	2.46
	6.0		0.00	0.00
	4.2		0.00	0.00
	5.8		0.00	0.00
	4.5		0.75	0.84
	4.7		0.00	0.28
	4.0		0.00	0.07
	3.8		0.00	0.00
NAPQNS	4.7		0.00	0.00
	3.5		0.00	0.00
	4.5		0.00	0.00
	4.4		0.00	0.00
	4.1	J-QC/FFB	0.00	0.00
	3.9		0.00	0.00
	3.4		0.00	0.00
	3.9		0.00	0.00
	5.0		0.55	0.55
	7.1		0.47	0.47
	5.0		0.00	0.04
[redacted]				

Station #3 Lincoln Avenue	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 4, 2003	11:00	6.08	4.1	13.20
December 17, 2003	11:00	6.60	2.9	15.41
2004				
January 7, 2004	10:40	5.70	3.0	14.56
February 10, 2004	12:25	6.19	1.8	15.33
February 19, 2004	13:05	7.12	2.9	13.19
March 9, 2004	11:00	6.73	6.3	13.48
March 16, 2004	11:00	6.55	6.4	12.56
April 5, 2004	11:20	6.96	7.4	11.84
April 27, 2004	11:30	6.68	13.6	9.92
May 3, 2004	10:55	6.81	17.8	7.97
May 10, 2004	11:15	7.52	18.1	—
May 24, 2004	10:53	7.28	22.3	6.79
June 7, 2004	—	—	—	—
June 14, 2004	10:45	7.43	—	8.60
June 21, 2004	—	—	—	—
June 30, 2004		7.46	24.9	—
July 8, 2004	—	—	—	—
July 12, 2004	12:05	7.28	24.0	—
July 19, 2004	10:20	6.75	21.7	4.40
July 26, 2004	10:45	6.95	26.2	4.00
August 2, 2004	11:00	6.96	25.2	6.86
August 9, 2004	11:20	7.03	—	8.14
August 16, 2004	11:15	6.70	—	5.86
August 23, 2004	11:25	6.88	—	8.04
August 30, 2004	—	—	—	—
September 13, 2004	11:15	—	21.58	10.67
September 20, 2004	11:00	6.43	17.26	10.90
September 27, 2004	11:10	7.51	20.0	7.65
October 5, 2004	—	—	—	—
October 19, 2004	11:32	—	12.50	9.66
November 3, 2004	11:15	—	12.9	10.24
November 16, 2004	10:45	—	6.5	10.82
November 30, 2004	10:50	—	7.9	6.97
December 14, 2004	11:00	—	5.7	7.08
2005				
January 11, 2005	10:51	7.55	3.53	16.04
February 8, 2005	10:49	—	3.32	14.27
February 15, 2005	11:00	—	3.81	14.12
March 2, 2005	11:13	—	2.48	22.14
March 15, 2005	11:30	8.49	4.76	22.73
April 7, 2005	12:48	7.45	10.4	—
April 19, 2005	11:15	7.67	15.05	11.92
May 2, 2005	11:03	7.32	15.0	—
May 9, 2005	11:13	7.98	14.13	11.63
May 17, 2005	11:05	7.58	18.9	—

June 6, 2005	11:23	7.59	23.59	8.62
June 14, 2005	11:14	7.98	29.7	—
June 20, 2005	10:40	7.66	21.60	8.18
June 28, 2005	10:55	7.65	25.05	7.05
July 5, 2005	11:12	7.52	26.0	—
July 12, 2005	11:16	7.66	26.7	—
July 19, 2005	14:43	7.16	30.6	—
July 25, 2005	11:43	7.74	25.59	5.90
August 2, 2005	11:44	8.55	28.8	—
August 8, 2005	12:27	—	26.59	8.62
August 16, 2005	11:02	—	26.2	—
August 22, 2005	11:09	7.64	24.89	—
September 6, 2005	11:21	—	23.8	—
September 13, 2005	10:59	—	25.1	—
September 19, 2005	11:23	7.08	23.7	—
September 27, 2005	10:57	7.48	20.8	—
October 12, 2005	12:05	6.94	15.63	10.85
October 24, 2005	10:18	—	11.2	10.11
November 9, 2005	11:41	7.42	11.2	9.97
November 28, 2005	11:10	—	5.2	12.37
December 12, 2005	10:50	—	2.4	13.31
December 27, 2005	11:06	7.14	3.9	14.76
2006				
January 9, 2006	11:19	7.16	3.18	17.52
January 25, 2006	10:47	7.21	3.37	16.74
February 7, 2006	09:46	7.49	3.92	14.63
February 22, 2006	11:06	7.63	2.69	15.59
March 7, 2006	09:28	7.64	3.64	15.75
March 22, 2006	11:13	8.61	6.26	17.48
April 4, 2006	10:19	7.75	11.79	10.01
April 17, 2006	11:12	8.43	15.57	12.26
May 1, 2006	10:31	7.66	15.32	11.46
May 8, 2006	11:26	7.69	18.2	8.46
May 18, 2006	10:29	7.34	16.02	9.50
May 22, 2006	09:45	7.28	15.01	9.39
June 1, 2006	09:56	7.55	23.68	8.32
June 5, 2006	10:25	7.34	19.24	9.10
June 12, 2006	10:50	7.48	17.72	8.84
June 19, 2006	10:06	7.56	23.65	7.72
June 26, 2006	09:45	7.32	22.19	7.37
July 5, 2006	10:58	7.36	24.14	6.67
July 10, 2006	10:00	7.38	22.61	7.65
July 17, 2006	10:46	7.41	26.28	6.82
July 25, 2006	09:57	7.30	23.79	6.55
July 31, 2006	10:05	7.64	27.03	7.19
August 8, 2006	09:50	7.54	26.35	6.28
August 21, 2006	10:04	7.53	23.92	7.07
August 30, 2006	10:04	7.40	20.61	9.27
September 7, 2006	10:45	7.28	19.10	7.76
September 13, 2006	09:49	7.28	18.59	9.75

September 21, 2006		09:44	7.38	18.76	9.86
September 27, 2006		09:37	7.44	18.07	9.67
October 11, 2006		11:28	7.76	16.44	10.30
October 23, 2006		10:52	7.19	11.97	12.66
November 20, 2006		11:17	7.35	9.95	12.04
December 4, 2006		10:08	7.38	8.03	12.58
December 18, 2006		09:52	7.42	7.01	13.26
2007					
January 4, 2007		11:06	7.30	5.12	13.45
January 17, 2007		11:46	7.32	4.00	14.65
January 29, 2007	A	10:18	7.61	1.75	15.74
January 29, 2007	B	10:18	—	—	—
February 27, 2007		11:46	7.97	2.57	17.32
March 12, 2007		09:59	7.74	3.27	16.31
March 26, 2007	A	10:24	7.36	7.61	14.10
March 26, 2007	B	10:24	—	—	—
April 9, 2007		10:46	7.95	6.30	13.64
April 24, 2007	A	10:23	7.93	15.58	11.52
April 24, 2007	B	10:23	—	—	—
April 30, 2007	A	10:14	7.49	14.36	10.45
April 30, 2007	B	10:14	—	—	—
May 7, 2007		11:29	7.68	15.45	10.59
May 16, 2007		10:24	7.50	19.37	9.22
May 21, 2007		10:41	7.67	16.78	9.15
May 30, 2007		11:27	7.93	23.28	9.17
June 4, 2007		10:24	7.72	20.86	7.32
June 11, 2007		10:29	7.81	22.51	8.27
June 18, 2007		10:21	7.86	23.12	8.47
June 25, 2007		09:51	7.68	22.51	6.80
July 9, 2007		10:29	7.99	25.50	7.83
July 16, 2007		10:20	7.92	24.75	7.78
July 23, 2007		10:27	8.15	22.94	7.81
July 31, 2007		10:24	7.75	25.25	7.05
August 6, 2007		10:23	8.08	25.88	7.24
August 13, 2007	A	10:59	7.52	22.91	8.24
August 13, 2007	B	10:59	—	—	—
August 20, 2007		10:35	7.73	20.82	8.13
September 5, 2007		11:57	8.13	22.68	8.91
September 10, 2007		10:13	8.05	24.99	5.54
September 17, 2007		10:31	8.57	18.16	7.32
September 26, 2007		11:25	7.86	21.08	7.27
October 10, 2007		11:22	7.51	20.56	8.18
October 24, 2007		09:50	8.45	18.03	7.98
November 8, 2007		11:42	—	9.32	10.15
November 19, 2007		11:15	—	6.95	11.71
December 3, 2007		10:18	—	3.72	13.13
December 17, 2007	A	11:49	—	1.58	12.74
December 17, 2007	B	11:49	—	—	—
2008					
January 28, 2008		10:43	7.57	1.67	14.37

February 25, 2008		10:35	7.70		2.32	16.01
March 24, 2008		10:55	7.18		6.47	15.41
April 14, 2008		09:54	7.87		12.37	10.88
May 5, 2008		10:20	7.64		14.14	13.20
May 12, 2008		10:51	7.67		14.10	9.13
May 19, 2008		10:27	7.42		14.95	9.69
May 28, 2008		11:38	7.35		19.48	8.75
June 2, 2008		10:55	8.93		21.05	8.57
June 9, 2008		10:17	7.98		24.89	8.28
June 16, 2008		10:55	—		24.72	7.61
June 23, 2008		10:55	—		22.73	7.50
June 30, 2008		10:24	—		24.69	7.39
July 9, 2008		11:34	7.98		25.98	8.65
July 16, 2008		10:18	—		25.27	7.47
July 21, 2008		10:31	—		27.33	6.47
July 28, 2008		10:24	—		23.78	8.31
August 4, 2008		10:30	—		24.59	9.75
August 11, 2008		10:00	—		22.89	9.53
August 18, 2008		10:01	—		23.22	9.99
August 25, 2008		10:07	—		23.59	7.48
September 3, 2008	A	10:13	—		23.21	7.53
September 3, 2008	B	10:13	—		—	—
September 8, 2008		10:28	—		22.53	9.11
September 17, 2008	A	11:02	—		20.92	7.14
September 17, 2008	B	11:02	—		—	—
September 23, 2008		11:24	—		18.33	8.58
November 20, 2008		10:27	7.27		5.63	12.23
December 1, 2008		10:08	—		4.82	13.25
2009						
January 27, 2009		10:32	—	NAPEFAI/EQF	0.34	—
February 2, 2009	A	10:21	—	NAPEFAI/EQF	1.48	16.30
February 2, 2009	B	10:21	—		—	—
March 3, 2009		10:31	—	NAPEFAI/EQF	1.48	20.69
April 20, 2009		11:14	6.95		13.13	11.33
May 4, 2009		11:26	—	NAPEFAI/EQF	16.3	—
May 11, 2009		11:06	—	NAPEFAI/EQF	16.8	8.58
May 18, 2009		11:08	—	NAPEFAI/EQF	16.5	7.99
May 27, 2009		11:32	—	NAPEFAI/EQF	18.8	7.93
June 1, 2009		11:11	—	NAPEFAI/EQF	19.6	8.29
June 8, 2009		11:01	—	NAPEFAI/EQF	19.7	7.87
June 22, 2009		11:01	7.30		19.20	9.65
July 7, 2009		10:54	7.50		22.83	8.55
July 13, 2009		11:21	7.75		22.64	9.77
July 20, 2009		11:22	7.72		23.78	9.31
July 28, 2009		10:48	7.49		25.08	7.20
August 3, 2009		11:10	7.39		22.72	7.80
August 10, 2009		10:53	7.36		22.44	7.95
August 17, 2009		11:04	7.61		25.93	7.98
August 24, 2009		11:06	7.39		24.48	9.43
August 31, 2009		10:59	7.48		21.58	8.34

September 9, 2009	11:12	7.84		21.69		9.25
September 14, 2009	11:14	7.72		19.99		9.32
September 21, 2009	11:00	7.80		18.09		9.67
October 5, 2009	11:08	7.86		16.04		12.29
November 17, 2009	11:03	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 14, 2009	11:09	6.72		1.93		17.91
2010						
January 4, 2010	11:07	6.98		-0.01		19.98
February 1, 2010	11:42	6.67		0.38		16.29
March 8, 2010	10:50	7.76		5.92		14.92
April 8, 2010	11:05	7.35		17.89		10.64
May 5, 2010	11:08	7.19		19.21		8.79
May 10, 2010	11:48	7.48		14.93		10.14
May 17, 2010	11:24	7.75		17.93		10.99
May 24, 2010	11:14	7.57		19.34		8.77
June 7, 2010	10:52	8.72		23.55		12.40
June 14, 2010	11:06	7.84		21.54		8.13
June 21, 2010	11:15	8.22		24.78		9.33
June 28, 2010	12:19	8.41		27.31		10.13
July 12, 2010	11:02	8.57		26.52		11.19
July 19, 2010	11:26	7.29		25.49		6.34
July 26, 2010	10:36	7.61		26.55		9.94
August 2, 2010	11:27	7.41		24.88		6.09
August 9, 2010	11:12	7.14		25.62		3.84
August 16, 2010	10:47	7.29		23.44		5.58
August 23, 2010	10:36	7.31		22.61		8.49
August 31, 2010	12:22	7.59		24.28		8.00
September 8, 2010	12:26	7.58		23.62		6.97
September 13, 2010	11:10	7.56		19.53		8.68
September 21, 2010	11:27	7.48		18.77		7.28
September 28, 2010	10:47	7.36		20.58		5.75
October 4, 2010	10:47	7.11		15.74		10.30
November 15, 2010	10:53	7.10		9.05		19.13
December 6, 2010	11:00	7.09		3.44		15.94
2011						
January 3, 2011	11:30	5.48		2.56		—
February 7, 2011	10:40	7.09		2.11		16.13
March 7, 2011	11:14	—	NAPEFAI/EQF	5.90		16.17
April 11, 2011	10:41	7.77		10.73		13.79
May 2, 2011	11:03	7.38		15.67		11.96
May 9, 2011	10:12	7.43		16.07		9.89
May 18, 2011	10:50	7.38		15.46		10.17
May 23, 2011	10:10	7.19		16.30		10.61
June 2, 2011	10:57	7.55		23.89		8.22
June 6, 2011	10:30	7.63		19.97		9.09
June 14, 2011	10:02	7.71		20.89		9.73
June 20, 2011	10:40	7.43		22.49		8.91
June 27, 2011	10:16	7.47		22.33		12.28
July 11, 2011	10:50	7.61		25.02		9.16
July 18, 2011	09:56	8.53		25.66		9.19

July 25, 2011		10:37	7.68		27.76		4.70
August 1, 2011		10:11	7.80		26.46		7.54
August 9, 2011		10:58	8.34		26.51		12.84
August 15, 2011		10:25	7.47		22.32		8.74
August 22, 2011		10:52	7.42		23.08		8.82
September 7, 2011		11:53	7.40		19.55		11.67
September 13, 2011		10:53	7.07		20.96		10.12
September 19, 2011	A	10:05	7.43		16.64		12.69
September 19, 2011	B	10:05	—	NA	—	NA	—
September 26, 2011		10:10	7.44		20.64		13.72
October 17, 2011		10:26	7.54		15.51		10.51
November 1, 2011		09:52	7.40		8.24		13.22
December 6, 2011		10:06	7.33		8.11		12.35
2012							
January 10, 2012		10:24	7.38		3.31		14.85
February 7, 2012		10:18	7.24		4.37		21.42
March 5, 2012		10:07	7.94		5.57		15.17
April 17, 2012		10:12	8.20		17.74		10.29
May 1, 2012		10:27	7.50		14.49		9.97
May 7, 2012		09:50	7.45		16.68		9.54
May 14, 2012		10:06	7.69		19.20		8.51
May 22, 2012		10:16	7.40		18.71		8.28
May 30, 2012		11:31	7.20		24.59		6.70
June 4, 2012		10:25	7.43		20.21		8.02
June 11, 2012		10:18	7.43		22.42		8.44
June 18, 2012		10:18	7.42		21.02		8.39
June 25, 2012		09:44	7.38		25.38		6.77
July 2, 2012		10:05	7.51		25.68		7.02
July 9, 2012		10:29	7.53		27.20		6.23
July 16, 2012		10:00	7.23		26.20		4.92
July 23, 2012		10:18	7.49		24.19		7.26
July 30, 2012		10:00	7.56		24.58		7.55
August 6, 2012		10:20	7.27		26.85		7.91
August 13, 2012		10:29	8.26		25.98		8.68
August 21, 2012		09:47	7.51		22.61		6.32
September 5, 2012	A	11:22	7.56		23.99		6.49
September 5, 2012	B	11:22	—	NA	—	NA	—
September 10, 2012		09:57	7.97		22.89		7.11
September 17, 2012		10:11	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
September 27, 2012		10:22	6.86		18.83		6.16
October 15, 2012		10:11	7.54		13.69		9.16
November 5, 2012		11:20	7.74		9.54		13.27
November 7, 2012		11:19	7.84		7.55		15.62
November 8, 2012		11:21	7.79		6.52		13.58
November 9, 2012		11:19	7.89		6.57		17.37
November 14, 2012		11:39	7.70		9.15		10.55
November 15, 2012		11:37	7.70		8.75		15.33
December 10, 2012		09:05	8.49		6.55		12.84
2013							
January 14, 2013		08:55	8.30		5.56		15.17

February 13, 2013		09:00	8.75		2.43		15.01
February 21, 2013		08:21	7.93		1.71		15.63
March 7, 2013		09:00	7.80		4.58		14.50
March 19, 2013		09:00	8.26		3.06		15.36
April 8, 2013		10:15	8.07		11.14		13.00
April 16, 2013		10:03	8.16		12.98		10.75
April 25, 2013		10:28	8.00		13.23		9.45
May 1, 2013	A	11:38	7.81		15.71		13.52
May 1, 2013	B	11:38	—	NA	—	NA	—
May 9, 2013		10:40	7.39		17.02		12.27
May 13, 2013		10:17	7.52		17.31		11.31
May 21, 2013		09:50	7.52		17.90		12.47
May 29, 2013	A	11:33	7.02		16.05		17.01
May 29, 2013	B	11:33	—	NA	—	NA	—
June 3, 2013		10:25	7.20		23.75		7.30
June 10, 2013		10:14	7.77		19.93		11.74
June 17, 2013		10:14	7.40		19.82		13.65
June 24, 2013		10:23	7.25		23.76		10.01
July 8, 2013		10:30	7.67		27.12		8.01
July 15, 2013		10:25	7.62		26.11		6.65
July 22, 2013		10:25	7.88		27.90		11.94
July 29, 2013		10:16	7.92		23.90		9.62
August 5, 2013		10:06	7.55		22.42		8.90
August 12, 2013		10:18	7.49		23.35		8.26
August 19, 2013		10:23	7.79		21.89		8.75
August 26, 2013		10:25	7.40		22.21		8.57
September 4, 2013	A	11:20	7.96		23.21		8.61
September 4, 2013	B	11:20	—	NA	—	NA	—
September 17, 2013	A	11:26	7.62		18.58		9.26
September 17, 2013	B	11:26	—	NA	—	NA	—
September 23, 2013		09:59	7.51		17.11		8.57
October 8, 2013		10:10	7.45		18.65		—
November 7, 2013		10:24	7.56		10.70		10.97
December 11, 2013		10:26	7.60		2.20		14.03
2014							
February 12, 2014		11:17	5.74		-0.16		16.11
March 13, 2014		10:28	7.06		3.24		14.38
April 1, 2014		10:15	6.63		6.07		13.98
May 5, 2014		10:46	6.67		13.12		12.23
May 12, 2014		10:12	6.59		17.80		10.86
May 19, 2014		10:24	6.94		16.12		10.33
May 28, 2014	A	11:44	7.01		19.83		8.89
May 28, 2014	B	11:44	—	NA	—	NA	—
June 2, 2014		10:26	7.39		19.11		10.46
June 9, 2014		12:01	7.08		20.72		8.06
June 23, 2014		10:51	7.81		22.63		10.52
June 30, 2014		10:50	7.58		23.98		9.37
July 7, 2014		10:28	7.12		22.89		8.52
July 14, 2014		10:48	7.40		24.51		7.88
July 29, 2014		10:47	7.52		23.07		9.07

August 4, 2014		10:43	7.89		22.83		8.65
August 11, 2014		10:19	7.43		23.39		8.11
August 18, 2014		10:40	7.30		21.18		7.93
August 26, 2014		10:20	7.33		22.49		7.63
September 3, 2014		11:53	7.65		25.06		7.91
September 8, 2014		10:10	7.40		22.90		6.88
September 15, 2014		11:42	7.78		18.30		8.00
September 29, 2014	A	11:47	7.69		19.40		8.39
September 29, 2014	B	11:47	—	NA	—	NA	—
October 21, 2014		10:27	7.32		13.48		9.53
November 24, 2014		10:26	7.12		6.48		12.88
December 8, 2014		10:21	8.68		3.61		14.39

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	97.7	0.1	—	3
	113.9	0.2	—	16
[redacted]				
	108.3	0.2	—	2
	109.1	0.3	—	11
	97.7	0.3	—	3
	109.2	0.3	—	5
	102.3	0.3	—	2
	98.7	0.3	—	4
	95.5	0.2	—	13
	83.2	0.2	—	12
	—	—	—	18
	78.0	0.2	—	6
	—	—	—	12
	—	—	—	20
	—	—	—	12
	—	—	—	14
	—	—	—	24
	—	—	—	6
	49.0	—	—	14
	48.0	—	—	18
	78.6	—	—	16
	9.3	—	—	4
	66.6	—	—	13
	89.4	—	—	37
	—	—	—	2
	118.3	0.17	—	7
	113.7	0.09	—	28
	84.3	0.2	—	10
	—	—	—	11
	90.9	0.23	—	<1
	97.0	0.2	—	4
	89.4	0.2	—	2
	59.2	0.1	—	21
	55.6	0.1	—	3
[redacted]				
	120.8	0.21	—	4
	107.7	0.38	—	3
	107.3	0.25	—	16
	161.2	0.41	—	2
	177.7	0.38	—	6
	—	0.1	—	8
	122.1	0.23	—	6
	—	—	—	5
	113.3	0.24	—	6
	—	—	—	4

101.8	0.31	—	6
—	—	—	2
93.0	0.27	—	2
85.6	0.27	—	8
—	—	—	6
—	—	—	6
—	—	—	4
72.0	0.26	—	5
—	—	—	14
107.9	0.31	—	10
—	—	—	5
—	0.29	—	6
—	—	—	10
—	—	—	30
—	—	—	2
—	—	—	7
109.6	0.09	—	24
98.7	0.2	—	6
91.1	0.2	—	3
97.5	0.2	—	<1
97.5	0.2	—	2
112.6	0.2	—	3
[redacted]			
130.7	0.19	—	8
125.7	0.19	—	2
111.4	0.16	—	2
115.3	0.29	—	3
119.1	0.43	—	2
141.5	0.32	—	2
92.7	0.31	—	6
123.3	0.31	—	5
114.4	0.23	—	8
88.3	0.3	—	10
96.3	0.16	—	14
93.3	0.19	—	13
98.4	0.24	—	4
98.7	0.15	—	18
93.0	0.16	—	12
91.1	0.23	—	10
84.6	0.19	—	14
79.1	0.16	—	12
88.6	0.15	—	20
84.6	0.21	—	7
77.5	0.17	—	22
90.3	0.25	—	2
78.1	0.30	—	6
84.0	0.29	—	8
103.3	0.20	—	22
84.1	0.14	—	16
104.1	0.21	—	6

105.9	0.18	—	8
102.4	0.23	—	4
105.4	0.24	—	4
117.4	0.17	—	14
106.6	0.11	—	4
106.4	0.13	—	6
109.3	0.22	—	1
[redacted]			
105.7	0.13	—	3
111.9	0.16	—	2
113.3	0.24	—	4
—	—	—	4
127.7	0.62	—	2
122.4	0.27	—	5
118.2	0.24	—	7
—	—	—	9
110.6	0.25	—	4
115.9	0.15	—	6
—	—	—	7
102.3	0.14	—	6
—	—	—	8
106.2	0.19	—	8
100.2	0.25	—	8
94.5	0.26	—	6
107.9	0.29	—	8
82.6	0.23	—	11
95.8	0.30	—	3
99.1	0.31	—	4
78.7	0.36	—	2
95.8	0.23	—	5
93.8	0.22	—	4
91.2	0.26	—	12
85.8	0.25	—	32
89.3	0.32	—	18
96.0	0.16	—	20
—	—	—	26
90.9	0.22	—	8
103.4	0.36	—	10
67.2	0.35	—	2
77.7	0.32	—	6
81.7	0.44	—	6
91.2	0.38	—	8
84.5	0.27	—	8
88.8	0.30	—	4
96.5	0.30	—	4
99.7	0.31	—	8
91.2	0.67	—	9
—	—	—	10
[redacted]			
103.2	0.28	—	4

	116.9		0.22	—	4	
	125.2		0.16	—	6	
	101.9		0.22	—	12	
	128.7		0.24	—	4	
	88.9		0.18	—	14	
	96.1		0.17	—	15	
	95.3		0.21	—	6	
	96.3		0.24	—	4	
	100.1		0.24	—	6	
	91.8		0.26	—	8	
	87.1		0.26	—	8	
	89.1		0.33	—	2	
	106.8		0.36	—	4	
	91.1		0.32	—	8	
	81.8		0.33	—	10	
	98.6		0.23	—	11	
	117.3		0.27	—	14	
	111.0		0.31	—	22	
	117.3		0.32	—	20	
	88.2		0.37	—	18	
	88.3		0.47	—	10	
	—		—	—	18	
	105.4		0.17	—	26	
	80.1		0.24	—	6	
	—		—	—	6	
	91.4		0.34	—	4	
	97.5		0.17	—	6	
	103.2		0.21	—	6	
[redacted]						
NAPEFAI/EQF	—	NAPEFAI/EQF	0.44	—	3	
	116.8		0.68	—	2	J-QC/FFD/RPO
	—		—	—	4	J-QC/FFD/RPO
	148.0		0.46	—	5	
	108.0		0.31	—	8	
NAPEFAI/EQF	—	NAPEFAI/EQF	0.3	—	9	J-QC/FFD/RPO
	88.7		0.2	—	24	
	81.7		0.2	—	18	
	85.5		0.3	—	8	
	90.4		0.3	—	16	
	86.0		0.2	—	16	
	104.5		0.15	—	10	J-QC/FFB
	99.4		0.20	—	18	
	113.2		0.26	—	6	J-QC/FFD/RPO
	110.3		0.25	—	8	J-QC/FFD/RPO
	87.4		0.26	—	8	
	90.5		0.16	—	30	
	91.8		0.19	—	12	J-QC/FFD/RPO
	98.4		0.23	—	9	
	113.1		0.19	—	10	J-QC/FFD/RPO
	94.7		0.23	—	15	

	105.4		0.33		—		4	J-QC/FFD/RPO
	102.7		0.30		—		6	
	102.5		0.29		—		6	J-QC/FLD/RPO
	124.9		0.29		—		2	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		6	
	129.3		0.22		—		13	J-QC/FFD/RPO
[redacted]								
	136.7		0.10		—	NA	4	
	112.8		0.20		—	NA	3	J-QC/FFD/RPO
	119.9		0.34		—	NA	6	
	112.3		0.17		—	NA	4	J-QC/FFB/FFDRPO
	95.2		0.18		—	NA	17	J-QC/FFD/RPO
	100.5		0.22		—	NA	10	J-QC/FFD/FLDRPO
	116.1		0.27		—	NA	6	J-QC/FFD/RPO
	95.3		0.26		—	NA	6	J-QC/FFD/RPO
	146.3		0.34		—	NA	10	J-QC/FFD/RPO
	92.2		0.10		—	NA	6	
	112.6		0.30		—	NA	8	
	127.8		0.27		—	NA	9	
	139.7		0.37		—	NA	13	J-QC/FFD/RPO
	77.5		0.19		—	NA	18	J-QC/FFD/RPO
	124.0		0.28		—	NA	8	
	73.7		0.35		—	NA	2	
	47.0		0.35		—	NA	2	J-QC/FFD/RPO
	65.7		0.37		—	NA	7	J-QC/FFD/FLDRPO
	98.3		0.17		—	NA	40	
	95.7		0.32		—	NA	1	
	82.4		0.42		—	NA	10	J-QC/FFD/FLDRPO
	94.7		0.38		—	NA	3	J-QC/FFD/RPO
	78.2		0.38		—	NA	4	J-QC/FFD/RPO
	64.1		0.38		—	NA	3	
	103.8		0.16		—	NA	20	
	166.1		0.38		—	NA	1	
	120.1		0.18		—	NA	8	
[redacted]								
NAPEFAI/EQF	—	NAPEFAI/EQF	0.45		—	NA	3	
	117.8		0.97		—	NA	4	J-QC/FLD/RPO
	124.2		0.16		—	NA	104	
	124.4		0.29		—	NA	8	J-QC/FFD/RPO
	120.5		0.20		—	NA	8	
	100.5		0.25		—	NA	9	J-QC/FLD/RPO
	101.9		0.20		—	NA	34	
	108.2		0.15		—	NA	11	J-QC/FFD/FLDRPO
	97.6		0.25		—	NA	16	
	100.2		0.27		—	NA	4	J-QC/FFD/RPO
	109.3		0.26		—	NA	4	
	103.0		0.19		—	NA	4	
	141.1		0.16		—	NA	10	
	111.0		0.25		—	NA	8	
	112.6		0.29		—	NA	11	J-QC/FFD/RPO

	59.7		0.34		—	NA	5	
	93.8		0.32		—	NA	9	J-QC/FFD/RPO
	159.9		0.30		—	NA	14	
	100.4		0.21		—	NA	23	
	103.1		0.17		—	NA	16	
	127.2		0.11		—	NA	20	
	113.4		0.11		—	NA	1	
	130.4		0.17		—	NA	6	
NA	—	NA	—	NA	—	NA	6	
	152.9		0.15		—	NA	8	J-QC/FFD/RPO
	105.5		0.18		—	NA	9	J-QC/FFD/RPO
	112.4		0.21		—	NA	6	
	104.7		0.17		—	NA	3	J-QC/FFB/FFDFLDRPO
	111.3		0.21		—	NA	4	J-QC/FFD/RPO
	165.3		0.24		—	NA	6	J-QC/FFD/RPO
	120.7		0.26		—	NA	6	J-QC/FLD/RPO
	108.6		0.34		—	NA	6	
	98.0		0.23		—	NA	12	J-QC/FLD/RPO
	98.1		0.23		—	NA	8	J-QC/FLS
	92.4		0.30		—	NA	4	J-QC/FFD/FLDRPO
	88.9		0.23		—	NA	8	
	80.5		0.24		—	NA	5	J-QC/FFD/RPO
	88.7		0.18		—	NA	8	
	97.5		0.24		—	NA	4	J-QC/FFD/RPO
	94.2		0.21		—	NA	5	
	82.6		0.29		—	NA	2	J-QC/FLD/RPO
	86.4		0.34		—	NA	2	J-QC/FFD/RPO
	78.6		0.37		—	NA	<1	K
	61.0		0.39		—	NA	3	
	86.7		0.32		—	NA	4	J-QC/FFD/RPO
	90.5		0.26		—	NA	2	J-QC/FFD/FLDRPO
	99.1		0.25		—	NA	2	
	106.7		0.26		—	NA	<1	KJ-QC/FFD/FLDRPO
	73.2		0.33		—	NA	2	J-QC/FFD/RPO
	76.8		0.31		—	NA	3	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/FLDRPO
	82.6		0.24		—	NA	1	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	NA	<1	KJ-QC/FFD/FLDRPO
	66.3		0.32		—	NA	<1	KJ-QC/FLD/RPO
	88.5		0.39		—	NA	3	J-QC/FFD/FLDRPO
	116.5		0.20		—	NA	—	NA
	130.1		0.21		—	NA	—	NA
	110.7		0.27		—	NA	—	NA
	141.6		0.35		—	NA	—	NA
	91.8		0.38		—	NA	—	NA
	132.3		0.36		—	NA	—	NA
	104.9		0.43		—	NA	10	
	120.6		0.31		—	NA	4	J-QC/FLD/RPO

[redacted]	110.4	[redacted]	0.64	[redacted]	—	NA	2	
	112.3		0.40		—	NA	—	NA
	112.5		0.26		—	NA	2	J-QC/FFD/FLDRPO
[redacted]	114.5	[redacted]	0.37	[redacted]	—	NA	—	NA
	118.3		0.30		—	NA	2	
	102.2		0.30		—	NA	—	NA
	89.7		0.28		—	NA	—	NA
	136.4		0.31		—	NA	8	J-QC
NA	—	NA	—	NA	—	NA	8	J-QC
[redacted]	127.0	[redacted]	0.27	[redacted]	—	NA	17	
	118.0		0.24		—	NA	16	
[redacted]	131.3	[redacted]	0.30	[redacted]	—	NA	12	
	172.6		0.17		—	NA	10	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	11	J-QC/FLD/RPO
[redacted]	86.2	[redacted]	0.22	[redacted]	—	NA	10	J-QC
	129.0		0.14		—	NA	22	J-QC
	149.8		0.14		—	NA	8	J-QC/FFD/RPO
	118.5		0.21		—	NA	4	J-QC/FFD/RPO
	100.7		0.18		—	NA	6	
[redacted]	82.4	[redacted]	0.27	[redacted]	—	NA	2	J-QC/FFD/RPO
	152.7		0.32		—	NA	4	J-QC/FFB/FFDFLDRPO
	114.3		0.23		—	NA	4	
	102.6		0.22		—	NA	4	J-QC
	97.1		0.24		—	NA	3	J-QC
	100.0		0.27		—	NA	<1	KJ-QC/FLD/RPO
	98.5		0.27		—	NA	4	
	101.0		0.32		—	NA	2	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	3	J-QC/FFD/RPO
[redacted]	99.1	[redacted]	0.27	[redacted]	—	NA	2	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
[redacted]	89.1	[redacted]	0.28	[redacted]	—	NA	<1	K
NAPEFAI/EQF	—	NAPEFAI/EQF	0.39		—	NA	1	J-QC/FLD/RPO
[redacted]	99.8	[redacted]	0.39	[redacted]	—	NA	<1	KJ-QC/FLD/RPO
	102.4		0.54		—	NA	7	J-QC/FFB
[redacted]								
	110.2		0.71		—	NA	4	J-QC/FFD/RPO
	107.6		0.32		—	NA	22	
	112.6		0.17		—	NA	22	J-QC/FFD/RPO
	116.4		0.14		—	NA	6	
	114.4		0.19		—	NA	8	J-QC/FLD/RPO
	105.0		0.18		—	NA	8	
	97.6		0.23		—	NA	10	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	6	J-QC/FFD/FLDRPO
	113.2		0.28		—	NA	13	
	90.0		0.26		—	NA	22	
	121.9		0.29		—	NA	9	J-QC/FFD/FLDRPO
	111.4		0.29		—	NA	6	
	99.2		0.21		—	NA	7	
	94.7		0.27		—	NA	5	
	106.1		0.33		—	NA	12	

	100.7		0.33		—	NA	8		
	95.3		0.34		—	NA	14	J-QC/FFD/RPO	
	89.4		0.34		—	NA	6		
	88.3		0.32		—	NA	8		
	96.2		0.42		—	NA	8	J-QC/FLD/RPO	
	80.2		0.35		—	NA	4		
	85.2		0.42		—	NA	2		
	91.4		0.48		—	NA	2		
NA	—	NA	—	NA	—	NA	4		
	91.6		0.27		—	NA	1		
	104.6		0.26		—	NA	12		
	108.8		0.24		—	NA	16		

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.60	<2	<0.09	0.010
1.26	6	<0.09	0.019
[redacted]			
0.57	<2	<0.09	0.015
0.81	<2	<0.19	0.017
1.05	2	0.96	0.034
0.06	8	0.32	0.016
0.09	4	<0.19	0.010
0.48	2	<0.19	0.017
0.62	2	<0.19	0.026
1.00	2	0.49	0.020
1.00	2	<0.19	0.026
0.47	2	<0.19	0.050
1.25	2	<0.19	0.030
0.95	3	<0.19	0.025
1.10	3	<0.19	0.026
—	<2	<0.19	0.037
3.08	<2	<0.19	0.030
2.42	4	<0.19	0.040
2.49	<2	<0.19	0.026
3.51	2	<0.19	0.023
0.86	2	<0.19	0.022
0.82	3	<0.19	0.034
2.22	<2	<0.19	0.035
2.12	<2	<0.19	0.026
2.17	2	<0.19	0.022
1.49	<2	<0.19	0.015
1.31	<2	<0.19	0.017
1.30	<2	<0.19	0.033
1.10	<2	<0.19	0.013
1.27	<2	<0.19	0.029
1.29	2	<0.19	0.017
0.59	6	<0.19	0.012
0.78	<2	<0.19	0.018
1.42	<2	<0.19	0.011
[redacted]			
0.57	4	<0.19	0.014
0.96	<2	<0.19	0.026
1.04	<2	<0.19	0.019
<1.00	<2	<0.19	0.016
1.21	<2	<0.19	0.018
<1.00	<2	<0.19	0.012
0.69	2	<0.19	0.015
0.64	<2	<0.19	0.023
0.80	<2	<0.19	0.024
0.96	<2	<0.19	0.038

1.24	<2	<0.27	0.087
1.20	—	<0.27	0.046
1.05	<2	<0.27	0.034
1.37	3	<0.27	0.032
1.26	—	<0.27	0.036
1.19	—	<0.27	0.048
1.48	4	<0.27	0.029
1.81	4	<0.27	0.026
<0.30	3	<0.27	0.021
1.92	3	<0.27	0.034
1.50	<2	<0.27	0.035
0.73	<2	<0.27	0.038
1.45	8	<0.27	0.025
1.21	3	<0.27	0.030
1.37	4	<0.27	0.033
1.82	<2	<0.27	0.032
1.18	<2	<0.27	0.020
1.15	<2	<0.27	0.010
1.00	<2	<0.27	0.020
<1.00	<2	<0.27	0.010
<1.00	<2	<0.27	0.010
0.58	4	<0.27	0.010
[redacted]			
0.59	4	<0.27	0.01
0.52	<2	<0.27	0.011
<1.00	<2	<0.27	0.012
1.12	<2	<0.27	0.012
<1.00	<2	<0.27	0.021
1.02	<2	<0.27	0.031
<1.00	<2	<0.27	0.064
<1.00	<2	<0.295	0.035
1.66	<2	<0.295	0.022
1.17	—	<0.295	0.048
1.36	—	<0.295	0.025
1.37	—	<0.295	0.029
1.52	<2	<0.295	0.050
1.63	7	<0.295	0.033
1.44	<2	<0.295	0.030
1.43	<2	<0.295	0.029
1.02	<2	<0.295	0.041
1.67	5	<0.295	0.027
1.19	14	<0.295	0.023
<1.00	—	<0.295	0.028
1.20	<2	<0.295	0.025
1.84	2	0.80	0.036
1.11	<2	<0.295	0.027
1.84	<2	<0.295	0.023
2.07	<2	<0.295	0.037
0.69	—	<0.295	0.011
0.46	<2	<0.295	—

1.19	—	<0.295	0.012
0.72	—	<0.295	0.017
0.78	5	<0.295	0.020
<1.00	<2	<0.295	0.010
0.75	—	<0.295	0.006
1.24	<2	<0.295	0.013
0.91	<2	<0.295	0.019
[redacted]			
0.78	<2	<0.295	0.012
0.55	<2	<0.295	0.012
1.20	<2	<0.295	0.014
0.58	<2	<0.295	0.014
0.75	<2	<0.295	0.021
0.71	<2	<0.295	0.016
0.61	<2	0.093	0.011
0.60	<2	—	0.009
0.55	<2	<0.039	0.011
0.48	—	0.074	0.006
0.49	—	0.069	0.005
0.70	<2	0.213	0.007
0.56	<2	0.250	0.006
0.65	<2	0.097	0.013
0.78	<2	0.065	0.047
0.78	<2	0.157	0.032
0.72	<2	0.088	0.045
1.37	4	0.222	0.107
0.86	<2	0.134	0.044
0.76	<2	0.157	0.053
0.79	<2	0.088	0.046
1.76	<2	0.102	0.027
0.85	<2	<0.039	0.025
1.41	<2	0.130	0.018
1.12	<2	0.099	0.020
<0.30	4	<0.039	0.021
<0.30	<2	<0.039	0.014
<0.30	<2	<0.039	0.013
0.99	<2	0.094	0.027
1.01	3	0.057	0.019
1.04	<2	0.120	0.028
0.87	<2	0.239	0.047
0.88	<2	0.057	0.030
1.45	<2	<0.039	0.042
1.32	2	0.120	0.018
0.90	<2	0.167	0.031
0.82	<2	0.163	0.016
0.91	<2	0.111	0.016
0.84	<2	0.168	0.017
0.81	<2	0.151	0.014
[redacted]			
1.45	<2	0.116	0.018

1.40		<2		0.123		0.007
1.40		<2		0.043		0.009
1.12		<2		0.060		0.017
1.16		<2		0.119		0.023
1.31		<2		0.119		0.022
0.75		<2		0.034		0.022
<0.30		<2		0.085		0.027
1.18		<2		0.017		0.037
1.37		<2		0.027	J-R	0.051
1.03		<2		0.117		0.052
1.16		<2		0.072		0.021
0.84		<2		0.045		0.040
0.77		<2		0.041		0.027
1.01		<2		0.023	J-R	0.021
1.42		<2		0.135		0.032
1.15		<2		0.144		0.022
2.56		<2		0.032	J-R	0.021
2.10		<2		0.081		0.025
2.22		<2		0.117		0.028
1.98		<2		0.045		0.030
1.24		<2		0.050		0.026
0.63		<2		0.059		0.027
1.10		<2		0.054		0.025
1.66		<2		0.067		0.027
1.64		<2		0.072		0.020
1.13		<2		0.081		0.024
1.01		<2		0.235		0.008
0.82		<2		0.176		0.017
1.08	BJ-QC/FBK/FFBFLS	<2	K	0.275	J-QC/FSL/FMS	0.034
1.01	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.188	J-QC/FSL/FMS	0.025
0.94	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.183	J-QC/FSL/FMS	0.015
0.97	BJ-QCJ-HT/FBK/FFBFLSEHT	4		0.087		0.019
1.34	BJ-QC/FBK/FFB	<2	K	0.047		0.011
1.77	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	0.042		0.051
1.87	BJ-QC/FBK/FFB	<2	K	<0.018	KJ-QC/FMS	0.016
1.55	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.027
1.12	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.063		0.053
1.14	BJ-QC/FBK/FFB	<2	K	0.157	J-QC/FFB	0.046
1.72	J-QC/FFB	3		0.089		0.026
0.99	J-QC/FLS	<2	KJ-QC/FLS	0.063	J-QC/FFD/RPO	0.014
0.97	J-QC/FFB	<2	KJ-QC/FLS	0.076		0.023
0.84	B/FBK	<2	K	0.020	J-R	0.013
1.10	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.015
1.23	BJ-QC/FBK/FFB	<2	K	0.020	J-R	0.018
1.51	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.017
1.24	J-QC/FLS	<2	K	0.041		0.025
1.21	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.019
1.37	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPO	<0.018	K	0.015
1.38	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.022

1.18	BJ-QC/FBK/FFBFLDRPO	<2	K	<0.018	KJ-QC/FSL	0.016
2.07	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	<0.018	K	0.020
1.04	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.018	K	0.017
—	NAPQNS	<2	KJ-QC/FLS	<0.018	K	0.013
1.37	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.213		0.027
<0.60	KBJ-QC/FBK/FFB	<2	KJ-QC/FFB/FFDRPO	0.046		0.012
[redacted]						
1.25	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.046		0.012
1.06	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FFD/RPO	0.130		0.035
1.02	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.060		0.0102
1.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.050	J-QC/FMS	0.0079
1.91	BJ-QC/FBK/FFB	<2	K	0.035	J-QC/FFB	0.0117
1.93	BJ-QC/FBK/FFB	<2	K	0.262		0.0238
1.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.040		0.0274
1.90	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.055	J-QC/FFD/RPO	0.0263
2.86	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	KJ-QC/FFD/RPOFMS	0.0299
1.72	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	<0.0175	K	0.0238
1.75	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0193
4.40	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPO	<0.0175	K	0.0250
3.02	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FLS	<0.0175	K	0.0401
4.07	BJ-QC/FBK/FFBFLS	10	J-QC/FLS	0.624		0.0343
1.91	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.040		0.0250
1.59	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.079		0.0256
1.38	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.042		0.0349
1.76	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.189		0.0496
1.95	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.225		0.0159
1.82	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NAPQNS	—	NAPQNS	—
1.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.142	J-QC/FMS	0.0221
1.55	BJ-QC/FBK/FFBFLS	<2	K	0.058		0.0208
1.59	BJ-QC/FBK/FFB	<2	K	0.073		0.0332
1.12	BJ-QC/FBK/FFBFLS	<2	K	0.052		0.0428
1.83	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFB	0.089		0.0127
1.59	BJ-QC/FBK/FFBFLSEHT	<2	K	0.020	J-R	0.0167
1.70	BJ-QC/FBK/FFB	<2	K	0.075	J-QC/FFD/RPO	0.0114
[redacted]						
1.48	BJ-QC/FBK/FFBFLS	<2	K	0.156		0.0193
1.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.055	J-R	0.0293
2.11	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.215		0.0173
1.28	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0293	K	0.0107
1.74	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.109		0.0045
1.82	BJ-QC/FBK/FFB	<2	K	0.065		0.0197
1.39	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFD/RPOFLS	0.125		0.0194
1.18	BJ-QC/FBK/FFBFLS	<2	K	0.114		0.0135
1.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.082		0.0269
1.49	BJ-QC/FBK/FFB	<2	K	0.098		0.0317
1.13	BJ-QC/FBK/FFBFLS	<2	K	0.087	J-QC/FSL	0.0372
1.39	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FFD/RPO	0.076		0.0223
1.52	BJ-QC/FBK/FFB	4		0.087		0.0154
1.78	BJ-QC/FBK/FFBFLS	<2	K	0.096		0.0238
1.62	BJ-QCJ-HT/FBK/FFBEHT	3		0.165		0.0212

1.50	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.082		0.0402
1.45	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.054	J-R	0.0202
1.47	BJ-QC/FBK/FFBFLS	<2	K	0.343		0.0156
1.81	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.114		0.0164
1.19	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.065		0.0179
1.59	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.087	J-QC/FMS	0.0171
1.39	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.125		0.0109
1.09	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.172		0.0161
1.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.195		0.0147
1.20	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.159		0.0179
1.99	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.180		0.0138
2.54	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.149	J-QC/FSL/FMS	0.0415
1.48	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0293	K	0.0243
[redacted]						
1.61	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FFD/RPO	0.031	J-R	0.0163
1.34	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.051	J-RJ-QC/FSL	0.0137
1.86	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0378	KJ-QC/FFD/RPO	0.0306
2.30	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	KJ-QC/FLD/RPOFMS	0.0255
3.28	BJ-QC/FBK/FFB	3		0.382		0.0403
2.75	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.183	J-QC/FSL/FMS	0.0409
1.96	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.052	J-R	0.0597
1.71	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.162		0.0396
1.93	BJ-QC/FBK/FFBFLDRPO	<2	K	0.157	J-QC/FSL	0.0466
1.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.084	J-QC/FMS	0.0331
1.93	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0378	KJ-QC/FMS	0.0310
1.45	BJ-QC/FBK/FFBFFDRPO	<2	K	0.058	J-RJ-QC/FMS	0.0260
1.39	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0378	K	0.0273
1.56	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.063	J-RJ-QC/FFB/FMS	0.0211
1.69	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFB/FFDRPO	0.042	J-RJ-QC/FMS	0.0239
1.82	BJ-QC/FBK/FFBFLS	6	J-HT/EHT	0.597	J-QC/FSL/FMS	0.0339
2.14	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.116		0.0280
1.98	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	<0.0378	K	0.0239
1.28	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QCJ-HT/FLS/EHT	<0.0378	KJ-QC/FMS	0.0231
1.94	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.069	J-R	0.0230
1.36	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.053	J-R	0.0216
1.85	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0378	K	0.0204
1.98	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0378	K	0.0216
1.81	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.037	J-R	0.0187
1.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0378	K	0.0179
1.34	BJ-QC/FBK/FFBFLS	<2	K	0.322	J-QC/FMS	0.0225
1.54	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.142	J-QC/FMS	0.0157
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	K	0.239		0.0360
[redacted]						
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.343	J-QC/LLS/FMS	0.0260

—	NA	<2	KJ-QC/FMS	<0.0217	K	0.0230
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.034	J-RJ-QC/LLS/FMS	0.0178
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0203
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.028	J-RJ-QC/LLS/FFDRPO	0.0363
—	NA	<2	KJ-QC/FMS	0.04	J-RJ-QC/LLS/FFDRPO	0.0343
—	NA	<2	KJ-QC/FMS	0.170	J/LLS	0.0368
2.04	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.210	J-QC/LLS/FMS	0.0401
2.05	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.131	J-QC/LLS/FMS	0.0464
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.142	J-QC/LLS/FSLFMS	0.0167
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.142	J-QC/LLS/FSLFMS	0.0176
2.26	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.131	J-QC/LLS/FSLFMS	0.0335
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QCJ-HT/FMS/EHT	0.045	J-QC/LLS/FSLFMS	0.0181
1.64	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.068	J-QC/LLS/FMS	0.0172
2.00	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.108	J-QC/LLS/FMS	0.0167
1.97	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0232
1.65	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0332
1.82	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	K	0.0171
1.11	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	KJ-QC/FSL	0.0172
1.40	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0139
1.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QCJ-HT/FMS/EHT	<0.0911	K	0.0173
1.27	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	<0.0911	K	0.0191
1.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.115	J-R/LLS	0.0193
1.14	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0253
1.30	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0259
1.68	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.108	J-R/LLS	0.0169
1.23	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.115	J-R/LLS	0.0156
1.26	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.139	J-R/LLS	0.0174
1.34	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.121	J-RJ-QC/LLS/FFDRPO	0.0269
1.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.164	J-QC/LLS/FFB	0.0321
1.68	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.267	J/LLS	0.0192
[redacted]						
1.62	BJ-QCJ-HT/FBK/FFB	<2	KJ-QC	0.152	J-QC/LLS	0.0252
1.62	BJ-QC/FBK/FFBFMS	4	J-QC/FLS	0.261	J-QC/LLS/FFBFFDRPO	0.0153
1.89	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.284	J-QC/LLS/FFB	0.0196
1.59	BJ-QC/FBK/FFB	<2	K	0.136	J-QC/LLS/FFB	0.0156
1.61	BJ-QC/FBK/FFB	<2	K	0.170	J/LLS	0.0177
1.65	BJ-QC/FBK/FFB	<2	KJ-HT	0.273	J/LLS	0.0191
1.66	BJ-QC/FBK/FFBFLDRPO	<2	K	0.188	J-QC/LLS/FFBFSL	0.0253
1.86	BJ-QC/FBK/FFBFLDRPO	<2	K	0.148	J-QC/LLS/FFBFSL	0.0244
1.84	BJ-QC/FBK/FFBFLDRPO	<2	K	0.097	J-QC/LLS/FSL	0.1582
1.95	BJ-QC/FBK/FFBFMS	<2	K	0.540	J-QC/FFB	0.0496
1.83	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.217	J-QC/LLS	0.0326
1.94	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.045	J-RJ-QC/LLS/FSL	0.0837
1.70	BJ-QC/FBK/FFB	<2	KJ-QC	<0.0267	K	0.0304
1.54	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	K	0.0192
1.84	BJ-QC/FBK/FFBFFDRPOFMS	<2	K	<0.0267	KJ-QC/FSL	0.0464

1.74	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	0.072	J-QC/LLS	0.0310
1.78	BJ-QCJ-HT/FBK/FFBFMS	3	J-QCJ-HT/FLS	<0.0267	KJ-QC/FSL	0.0194
1.67	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0223
1.40	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0174
1.35	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0162
1.17	BJ-QC/FBK/FFBFMS	<2	KJ-HT	<0.0267	K	0.0156
1.57	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0163
1.39	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.0215
1.85	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.0212
1.96	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.057	J/LLS	0.0136
1.77	BJ-QC/FBK/FFBFMS	3		0.103	J/LLS	0.0173
1.55	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	KJ-QCJ-HT/FLS	0.030	J-R/LLS	0.0315

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	1.09	0.149	0.11	0.77
	0.82	0.156	0.13	1.33
	1.19	0.123	0.10	1.93
	1.36	0.120	0.11	1.84
	1.90	0.179	0.15	3.92
	1.36	0.126	0.09	5.7
	1.28	0.165	0.14	10.3
	1.67	0.242	0.16	4.0
	1.27	0.211	0.11	12.8
	1.04	0.258	0.22	13.9
	1.63	0.252	0.23	4.4
	2.06	0.337	0.32	6.9
	1.88	0.289	0.30	3.4
	3.10	0.348	0.32	36.8
	1.98	0.300	0.25	31.4
	2.40	0.365	0.34	8.8
	2.58	0.598	0.49	74.0
	2.37	0.700	0.56	11.3
	1.56	0.330	0.34	2.94
	1.31	0.289	0.17	4.20
	1.19	0.293	0.25	3.26
	2.51	0.442	0.39	1.21
	1.83	0.471	0.32	1.83
	1.15	0.291	0.28	5.74
	2.63	0.320	0.31	1.10
	2.04	0.225	0.27	1.64
	0.82	0.216	0.19	3.89
	2.46	0.257	0.39	1.62
	0.96	0.178	0.16	2.03
	2.65	0.391	0.35	0.81
	2.83	0.449	0.47	2.04
	1.69	0.261	0.25	2.85
	0.73	0.282	0.18	5.42
	0.80	0.082	0.12	2.10
	0.88	0.110	0.09	3.23
	2.31	0.189	0.21	2.08
	1.40	0.168	0.18	4.95
	1.83	0.171	0.17	4.60
	1.60	0.126	0.14	12.05
	0.56	0.082	0.07	7.93
	1.28	0.197	0.15	18.36
	1.72	0.233	0.23	13.93
	2.12	0.276	0.25	24.96
	2.07	0.295	0.31	16.51

2.48	0.480	0.46	—
2.98	0.436	—	—
2.52	0.356	0.38	—
2.03	0.505	0.42	—
3.21	0.557	—	—
1.58	0.316	—	—
2.66	0.520	0.50	—
1.85	0.543	0.53	—
2.48	0.605	0.50	—
2.32	0.834	0.77	—
3.12	0.553	0.50	—
2.93	0.576	0.63	—
3.28	0.594	0.56	—
2.94	0.692	0.54	—
2.72	0.500	0.52	—
3.86	0.539	0.50	—
1.17	0.320	0.27	—
1.08	0.166	0.16	—
2.54	0.250	0.25	—
1.40	0.140	0.21	—
1.60	0.200	0.19	—
1.31	0.130	0.12	—
[redacted]			
1.10	0.06	0.08	—
0.97	0.10	0.05	—
0.84	0.082	0.08	—
1.65	0.124	0.12	—
2.20	0.208	0.20	—
2.69	0.279	0.25	—
1.66	0.356	0.31	—
2.17	0.342	0.32	—
1.27	0.244	0.22	—
1.99	0.352	—	—
0.92	0.120	—	—
1.25	0.241	—	—
2.04	0.335	0.31	—
0.92	0.221	0.16	—
0.82	0.241	0.23	—
2.34	0.311	0.26	—
1.80	0.262	0.31	—
0.87	0.381	0.31	—
1.16	0.333	0.31	—
1.47	0.341	—	—
1.20	0.240	0.30	—
2.77	0.343	0.32	—
3.08	0.446	0.44	—
2.30	0.289	0.35	—
1.91	0.302	0.28	—
0.83	0.195	0.14	—
1.82	0.284	0.26	—

1.40	0.224	0.21	—
2.53	0.300	0.27	—
2.48	0.341	0.35	—
1.44	0.021	0.15	—
0.31	0.116	0.12	—
1.21	0.147	0.14	—
2.50	0.234	0.22	—
[redacted]			
1.12	0.122	0.21	5.4
1.40	0.168	0.10	3.4
2.79	0.223	0.17	2.4
2.79	0.221	0.17	2.4
2.63	0.243	0.21	11.4
1.73	0.186	0.12	4.3
0.669	0.093	0.07	29.1
0.676	0.094	0.06	30.3
1.46	0.086	0.10	48.6
0.450	0.084	0.05	46.9
0.477	0.126	0.05	48.5
0.529	0.101	0.05	68.3
0.521	0.098	0.05	66.5
0.876	0.117	0.11	19.8
1.73	0.145	0.18	15.8
2.02	0.263	0.22	6.8
2.49	—	0.29	12.2
1.81	0.414	0.30	5.5
2.41	0.267	0.25	4.3
1.47	0.314	0.35	<3.0
2.58	0.312	0.54	10.2
2.21	0.309	0.30	8.5
2.00	0.387	0.33	8.3
1.64	0.347	0.26	3.5
1.56	0.348	0.29	6.6
1.96	0.325	0.27	8.6
0.566	0.263	0.17	5.1
0.632	0.254	0.17	5.3
1.41	0.326	0.28	7.3
2.70	0.357	0.40	5.3
4.39	0.382	0.37	6.1
2.21	0.32	0.31	5.2
5.69	0.55	0.52	7.7
4.52	0.44	0.47	9.0
1.66	0.33	0.30	4.9
2.94	0.40	0.33	<3.0
2.60	0.35	0.32	<3.0
1.84	0.27	0.25	3.2
1.94	0.37	0.19	<3.0
1.86	0.37	0.19	<3.0
[redacted]			
2.74	0.19	0.15	3.6

	0.821		0.07		0.05	3.6
	0.661		0.07		0.05	4.5
	1.57		0.15		0.12	4.4
	1.78		0.24		0.20	6.8
	1.00		0.18		0.15	4.1
	0.818		0.34		0.15	4.7
	1.36		0.20		0.20	3.7
	1.81		0.16		0.25	4.5
	2.38		0.30		0.27	5.6
	2.09		0.37		0.31	5.2
	2.15		0.33		0.33	3.1
	2.84		0.39		0.35	<2.4
	2.21		0.43		0.36	5.2
	2.72		0.42		0.42	<2.4
	2.15		0.34		0.35	64.0
	0.760		0.36		0.34	21.7
	2.42		0.33		0.36	43.6
	2.18		0.39		0.37	190.8
	0.673		0.30		0.28	18.6
	2.96		0.48		0.46	22.4
	4.47		0.58		0.41	5.2
	4.68		0.27		0.58	5.0
	1.34		0.28		0.24	15.3
	2.12		0.44		0.42	5.2
	2.13		0.40		0.39	4.9
	1.14		0.44		0.41	4.4
J-R	1.54		0.29		0.21	—
	1.99		0.21		0.21	2.5
	2.88		0.24	J-QC/FFB	0.22	4.3
J-QC/FFD/RPO	2.67		0.20	J-QC/FFD/RPO	0.19	4.5
J-QC/FFD/RPO	2.54		0.38	J-QC/FFD/RPO	0.17	4.6
	2.96		0.16		0.17	9.9
	2.57		0.24		0.21	5.0
	2.34		0.27	J-QC/FFD/RPO	0.23	9.3
	0.822	J-QC/FFB	0.20		0.15	<2.4
J-QC/FFB	1.98		0.24		0.20	<2.4
	2.81		0.27		0.24	0.5
	2.51		0.28		0.28	0.5
	1.36		0.23		0.25	J-QC/FFD/RPO 0.6
	0.607	J-QC/FFB	0.14		0.12	J-QC/FFD/RPO 2.1
J-QC/FFB	1.45		0.21		0.18	4.8
J-HT/EHT	1.83		0.19		0.17	7.0
J-QC/FFB	1.75		0.17		0.14	9.6
	1.89		0.28		0.24	3.5
J-QC/FFB	0.977		0.23		0.16	4.2
	1.49		0.29		0.26	2.6
	1.67		0.22		0.19	1.2
	0.967		0.20	J-QC/FFD/RPO	0.18	2.2
	1.97		—	NAP	0.30	J-QC/FFB 1.2

J-QC/FFB	2.66		0.23		0.23		2.1
	2.71		0.25	J-QC/FFD/RPO	0.24		1.2
	2.69		0.30		0.38	J-MIJ-QC/FFD/RPO	1.1
	2.86	J-QC/FFD/RPO	0.34		0.31		1.5
J-QC/FFB	1.87		0.23		0.23		2.2
J-QC/FFB	0.891		0.10		0.11		2.6
[redacted]							
	1.19		0.10	J-QC/FLD/RPO	0.08		1.2
J-QC/FFB	0.927		0.08		0.07		3.1
J-R	0.868		0.11	J-QC/FFD/RPO	0.06		11.5
J-R	0.479		0.10		0.07		56.8
	0.865		0.19		0.15		5.1
	0.445	J-QC/FFD/RPO	0.22	J-QC/FFD/RPO	0.20		3.5
J-QC/FFB	1.77		0.24		0.21		9.0
	1.85	J-QC/FFD/RPO	0.24	J-QC/FFD/RPO	0.21		4.2
J-QC/FFB	2.25		0.31	J-QC/FFD/RPO	0.26	J-QC/FLS	55.6
	2.60		0.30		0.27		8.2
	2.37		0.26		0.23		15.4
	2.21		0.39	J-QC/FFB	0.33		35.0
	0.677	J-QC/FFD/RPO	0.47	J-QC/FFD/RPO	0.38		59.6
	1.27		0.37		0.32		18.5
	2.00		0.37		0.32		19.7
	2.66		0.34		0.31		15.9
	2.93		0.44		0.41		3.4
	3.64		0.41		0.38		2.1
	1.31		0.28		0.23		54.6
NAPQNS	—	NAPQNS	0.34		0.31		—
	3.66		0.47		0.43		<1.3
	3.63		0.47		0.44		<1.3
	3.93		0.41		0.38		<1.3
	3.57		0.51	J-QC/FLS	0.46		1.7
	0.918		0.22		0.20		1.4
	4.32		0.41	J-QC/FFD/RPO	0.39		1.8
	1.15		0.18	J-QC/FFD/RPO	0.12		4.0
[redacted]							
	0.5310	J-QC/FLS	0.27	J-QC/FFD/RPO	0.22		2.7
	3.0100		0.18		0.16		4.9
J-QC/FFD/RPO	0.7909	J-QC/FFD/RPO	0.14		0.04	J-R	17.3
J-QC/FFD/RPO	1.6379		0.12		0.08		14.0
J-R	0.3913	J-QC/FFD/RPO	0.10	J-QC/FFD/RPO	0.08		8.6
	0.1732	J-QC/FFD/RPO	0.14		<0.02	KJ-QC/FFB/FFDRPO	7.5
	0.9410		0.11	J-QC/FFD/RPO	0.10		8.0
J-QC/FFB/FFDRPO	0.7753	J-QC/FFB/FLS	0.12		0.09		3.5
	1.3136	J-QC/FLS	0.24		0.22		6.89
	1.8356		0.30		0.25		7.43
	1.6300	J-QC/FLS	0.20		0.18		—
	1.0241		0.15	J-QC/FFD/RPOFLS	0.14		6.3
	0.6771		0.11		0.09		3.5
	1.5342		0.21		0.17	J-QC/FFD/RPO	3.1
J-QC/FFB	1.5436		0.23		0.18		40.6

J-QC/FFB	1.0227	J-QC/FLS	0.31		0.29		21.8
J-QC/FFB	2.3795		0.31		0.29		15.2
	1.9302	J-QC/FFB/FFDRPO	0.25		0.19	J-QC/FFD/RPO	18.2
J-QC/FFB	1.4933		0.19		0.21		5.1
	0.6427		0.16		0.14		2.8
	0.5191		0.12	J-QC/FFB/FLDRPOFLS	0.11	J-QC/FFB	3.27
	0.4552	J-QC/FLS	0.05	J-QC/FLS	0.11	J-QC/FFD/RPO	1.87
	0.8011		0.16		0.13		1.79
	0.8016		0.16		0.13		1.99
J-QC/FFB	0.8248		0.09	J-QC/FFB/FLDRPO	0.09		3.62
J-QC/FFB	1.0207		0.13		0.12		1.49
J-QC/FFB	0.9542	J-QC/FFB	0.13		0.10		1.00
J-QC/FFB	1.2137		0.12		0.10		12.4
[redacted]							
	1.7934	J-QC/FLS	0.14		0.12		5.50
J-QC/FFB	1.9993		0.16		0.12		36.8
J-QC/FFB	1.8462	J-QC/FLS	0.16		0.13		1.90
	2.5084		0.23		0.17		62.6
J-QC/FFB	1.9434	J-QC/FFB	0.30		0.24		32.8
J-QC/FFB	1.5479		0.24		0.20		7.09
J-QC/FFB	2.3751		0.30		0.27		3.17
J-QC/FFB	1.9757		0.23		0.20		2.09
	1.3720		0.28	J-QC/FFD/RPO	0.22	J-QC/FFD/RPO	0.56
J-QC/FFB	1.2693	J-QC/FFD/RPO	0.22		0.18		1.25
J-QC/FFB	1.3505	J-QC/FLS	0.25		0.22		3.00
J-QC/FFB	1.4014		0.26		0.24		4.13
J-HT/EHT	2.6661	J-QC/FFB/FLS	0.25		0.23		1.27
J-QC/FFB	2.9488	J-QC/FFB/FLS	0.29		0.27		4.12
J-QC/FFB	2.8998		0.38		0.37		3.20
J-QC/FFB/FFDRPOFSL	0.7862	J-QC/FFB	0.48		0.44	J-QC/FFB	4.81
	0.4222		0.36		0.34		1.03
J-HT/EHT	2.0958	J-QC/FLS	0.23		0.22		0.75
	3.1345		0.33		0.30		0.82
	1.9388		0.24		0.24		1.40
J-QC/FFB	0.8791	J-HT/EHT	0.30		0.28		1.68
	3.1587		0.38		0.35		2.45
	2.9161		0.35		0.34		1.34
	1.9599		0.25		0.25		2.70
	2.6051		0.28		0.26		1.54
	2.9693		0.39		0.37	J-QC/FFB	0.92
	3.5263	J-HT/EHT	0.52		0.50		0.65
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
J-QCJ-HT/FFB/EHT	2.9160		0.39		0.36		4.52
[redacted]							
J-QC/FFB	1.6824	J-QC/FFB	0.19	J-QC	0.16	J-QC	3.06

[redacted]	1.2915		0.13	J-QC	0.12	J-QC	1.71
NA	—	NA	—	NA	—	NA	—
[redacted]	1.0837	J-QC/FFB	0.11	J-QC	0.08	J-QC	8.38
NA	—	NA	—	NA	—	NA	—
J-QC/FFB	1.8357		0.15	J-QC	0.11	J-HT/EHT	11.2
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
[redacted]	2.3323		0.22	J-QC	0.20	[redacted]	20.0
	2.3622		0.22	J-QC	0.22		14.5
	1.0555		0.24	J-QC/FFD/RPO	0.17	J-QC/FSL	9.82
	0.7738		0.24	J-QC/FFD/RPO	0.18	J-QC/FLD/RPO	2.73
[redacted]	1.7867		0.29	[redacted]	0.24	[redacted]	0.784
	0.5249		0.16	J-QC	0.13	J-QC	1.00
	0.6087		0.15	J-QC	0.12	J-QC	0.550
J-QC/FFB	1.1940		0.29	[redacted]	0.24	J-QC/FLD/RPO	1.25
J-HT/EHT	0.7499		0.15	J-QC/FFD/RPO	0.14	J-QC/FLD/RPO	1.85
J-QC/FFB	0.4414		0.13	[redacted]	0.11	J-QC	1.50
[redacted]	0.8852	J-HT/EHT	0.20	J-QC/FLD/RPO	0.20	[redacted]	<0.231
J-QC/FFB	1.1027		0.29	[redacted]	0.26	J-QC/FMS	1.55
[redacted]	2.0998		0.22	J-QC/FSL	0.21	J-QC	0.570
	0.6454	J-QC/FLS	0.23	[redacted]	0.22	[redacted]	2.95
	1.9648		0.23	J-QC/FSL	0.21		1.59
	1.5034	J-QC/FFB	0.24	[redacted]	0.22		1.02
	1.5766		0.19		0.18		1.48
	2.0486		0.25		0.21		0.852
	2.3451		0.27		0.26		1.29
J-QC/FFB	2.4187	J-QC/FLS	0.22		0.21		0.617
J-QC/FFB	2.3761	J-QC/FLS	0.21		0.19	[redacted]	0.843
[redacted]	2.0640	J-QC/FFB	0.26		0.22	J-QC/FMS	1.08
	2.0649	J-QC/FFB	0.24		0.21	J-QC/FMS	1.16
	3.3174	J-QC/FFB/FLS	0.28		0.26	[redacted]	2.24
	3.5987	J-QC/FLS	0.58	J-QC	0.54	J-QC/FFD/RPO	0.588
J-QC/FFB	4.3365		0.71	[redacted]	0.65	[redacted]	2.89
J-QC/FFB	2.3411	J-QCJ-HT/FFB/EHT	0.26		0.26		6.21
[redacted]							
J-QC	2.8579	J-QCJ-HT/FLS	0.19		0.18	J-HT	2.72
J-QC/FFB	1.4410		0.14		0.10		2.23
J-QC/FFB	0.5497		0.11	J-QC	0.06	J-HT	4.84
	0.2683		0.09	J-QC/FFB/FMS	0.06		3.28
J-QC/FFB	0.5722	J-QCJ-HT	0.11		0.09		5.24
	0.7803		0.10		0.08		8.79
J-QC/FFB	1.0905		0.14		0.21	J-QC/FFB	4.91
J-QC/FFB	1.1126		0.15		0.13	J-QC/FFB	5.04
	1.8111		0.21		0.13		20.9
J-QC/FFB	1.5096		0.22	J-QC/FMS	0.17		14.7
J-QC/FFB	1.7672		0.19		0.17		20.2
J-QC/FFB	1.7766	J-QC	0.24		0.21	J-QC/FFB	16.2
J-QCJ-HT/FFB	1.3301		0.19		0.17		4.17
	1.6081		0.23	J-QC/FFB	0.18		7.94
J-HT/EHT	2.0393		0.23		0.22		9.93

J-QCJ-HT/FFB	2.4064		0.31		0.30		4.77
	2.6705	J-QC/FFD/RPO	0.30		0.27		3.24
J-QC/FFB	2.7007	J-HT	0.32		0.28		—
J-QC/FFB	2.8945		0.40		0.32		14.7
	3.7719		0.51		0.48		16.2
J-QC/FFB	3.2251		0.40	J-QC/FMS	0.36	J-QC/FFB	33.4
J-QC/FFB	4.2647		0.44	J-QC/FFB/FMS	0.39		10.3
J-QC/FFB	4.6476		0.57		0.55		8.02
J-QC/FFB	4.7453		0.54		0.54		7.76
	1.5583	J-QC/FLS	0.41		0.34		1.83
	2.6715	J-QC	0.39	J-QC	0.30	J-QC	1.42
J-QC/FFB	1.5288		0.26	J-QC	0.19	J-QC	1.12

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	6.8	0.00	0.00
	5.6	0.36	0.36
[redacted]			
	4.4	0.00	0.00
	13.0	0.00	0.00
	4.7	0.00	0.00
	2.8	0.03	0.51
	13.0	0.16	0.16
	5.5	0.00	0.06
	7.1	0.09	1.26
	8.2	0.24	0.25
	5.3	0.00	0.03
	5.8	0.10	0.10
	3.6	0.00	0.05
	2.2	0.00	0.00
	8.5	0.00	0.00
	0.7	0.00	0.00
	3.5	0.00	0.00
	2.5	0.00	0.00
	10.3	0.00	0.00
	3.7	0.00	0.00
	11.1	0.00	0.18
	13.5	0.00	0.00
	14.0	0.45	0.69
	6.2	0.00	0.00
	14.5	0.00	0.00
	8.2	0.00	0.00
	7.7	0.00	0.00
	6.9	0.00	0.00
	5.7	0.00	0.00
	9.1	0.39	0.39
	5.4	0.00	0.00
	10.8	0.00	0.00
	6.5	0.00	0.00
	5.6	0.00	0.00
[redacted]			
	3.6	0.19	0.19
	<0.5	0.00	0.00
	0.8	0.13	0.77
	<0.5	0.00	0.12
	1.5	0.00	0.00
	2.1	0.19	0.19
	0.8	0.00	0.00
	1.6	0.09	0.24
	<0.5	0.00	0.00
	0.9	0.00	0.00

<0.5	0.40	0.40	[redacted]
—	0.00	0.00	
<0.5	0.00	0.00	
4.2	0.04	0.54	[redacted]
—	0.83	0.83	
—	0.00	0.00	
6.0	0.00	0.00	
5.7	0.07	0.07	
4.2	0.00	0.00	
3.5	0.00	0.00	
4.4	0.00	0.08	
3.0	0.00	0.00	[redacted]
6.6	0.00	0.00	
2.7	0.00	0.00	
4.3	0.00	0.00	
3.1	0.00	0.12	
5.8	3.30	3.41	
6.2	0.80	0.80	
4.9	0.30	0.30	
9.2	0.00	0.00	[redacted]
7.1	0.00	0.00	
6.3	0.00	0.06	
[redacted]			
5.8	0.00	0.00	
4.9	0.00	0.00	
6.7	0.00	0.00	
4.3	0.00	0.00	
3.2	0.00	0.00	
2.6	0.00	0.00	
3.4	0.06	0.57	
4.8	0.00	0.00	
6.5	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.01	
3.2	0.41	0.41	
18.5	0.00	0.05	
7.8	0.00	0.00	
2.9	0.00	0.00	
3.2	0.12	0.13	
6.6	2.05	2.10	
36.4	0.00	0.00	
—	0.00	0.00	
8.2	0.00	0.00	
7.2	0.00	0.00	
6.5	0.00	0.00	
5.7	0.00	0.04	
6.2	0.27	0.84	
7.2	0.00	0.02	
8.7	0.00	0.00	

11.0	0.00	0.00
4.4	0.00	0.00
16.0	1.86	1.86
5.3	0.00	0.00
7.7	0.00	0.00
1.9	0.00	0.00
1.1	0.00	0.00
[redacted]		
1.8	0.00	0.00
1.6	0.00	0.00
1.0	0.00	0.07
1.2	0.00	0.07
2.7	0.00	0.42
1.7	0.00	0.15
1.3	0.00	0.00
1.3	0.00	0.00
3.3	0.00	0.00
4.0	0.00	0.00
4.9	0.00	0.00
3.2	0.00	0.00
3.4	0.00	0.00
3.2	0.00	0.00
2.5	0.66	0.66
2.7	0.00	0.01
2.3	0.00	0.00
3.6	1.63	3.00
5.3	0.06	0.06
3.3	0.00	0.00
—	0.00	0.00
3.5	0.00	0.00
3.8	0.00	0.02
5.4	2.40	2.40
6.4	0.00	0.00
6.5	0.00	0.00
11.1	0.01	0.01
9.2	0.01	0.01
12.5	0.03	0.32
6.3	0.00	0.00
6.2	0.05	0.05
3.4	0.00	0.00
8.1	0.00	0.00
6.4	0.07	0.65
5.1	0.15	0.15
7.6	0.00	0.00
6.8	0.30	0.30
7.3	0.61	0.72
6.0	0.00	0.82
4.2	0.00	0.82
[redacted]		
2.7	0.00	0.00

	5.1		0.00	0.00
	4.4		0.00	0.00
	3.8		0.00	0.00
	5.2		0.00	0.07
J-R	7.2		0.48	0.48
J-R	5.7		0.00	0.20
J-R	5.8		0.00	0.14
J-R	21.6		0.00	0.00
	5.0		0.00	0.01
	5.2		0.04	0.21
J-R	9.4		0.01	0.83
	5.5		0.02	1.14
	5.0		0.00	0.00
	5.7		0.00	0.00
	6.5		0.00	0.03
	7.8		0.00	0.13
	7.4		0.00	0.00
	5.6		1.17	1.23
	4.2		0.00	0.00
	4.3		0.00	0.00
	3.3		0.00	0.00
	2.9		0.00	0.00
	5.1		0.00	0.00
	10.2		0.00	0.00
	9.2		0.00	0.00
J-R	6.3		0.00	0.00
	7.9		0.00	0.00
J-R	5.7		0.12	1.05
J-RJ-HT/EHT	4.8		0.00	0.00
J-RJ-HT/EHT	5.0		0.00	0.00
J-RJ-HT/EHT	5.0		0.00	0.00
J-HT/EHT	4.4	J-QC/FFB/FFDRPO	0.00	0.00
J-HT/EHT	5.4		2.75	2.75
	6.0		0.54	1.15
K	8.8		0.00	0.00
K	5.2		0.00	0.15
J-R	5.2		0.00	0.00
J-R	6.6		0.00	0.00
J-R	6.9		0.00	0.00
	—	NAPEFAI/EQF	0.00	0.66
	6.5		0.08	0.08
	5.1		0.00	0.20
	5.0		0.00	0.00
	13.3		0.00	0.15
	6.9		0.00	1.70
J-QC/FFD/RPO	9.9		0.41	0.42
J-R	6.7	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	7.3	J-QC/FFB	0.01	0.11
J-R	7.1	J-QC/FFB	0.00	0.00

	5.4	J-QC/FFB	0.00	0.00
J-R	5.3	J-QC/FFB	0.00	0.00
J-R	4.8	J-QC/FFB	0.00	0.00
J-R	4.9	J-QC/FFB	0.00	0.00
	5.3		0.00	0.00
	5.5	J-QC/FFB	0.00	1.04
J-R	7.00	J-QC/FFB/FFDRPO	0.00	0.00
	6.00		0.00	0.00
	5.70	J-QC/FFB/FLDRPO	0.00	0.00
	4.80		0.00	0.00
	5.76		0.00	0.03
J-QC/FSL	6.65		0.00	0.00
	5.00		0.00	0.00
	5.30		0.00	0.00
	4.86		0.00	0.02
	4.66		0.00	0.18
	4.54		0.00	0.00
	5.60		0.00	0.00
J-QC/FSL	4.90	J-QC/FFB	0.00	0.17
J-QC/FSL	9.50		0.05	0.05
	5.10	J-QC/FFB	0.00	0.28
	4.60	J-QC/FFB	0.00	0.04
	5.90	BJ-QC/FBK/FFB	0.00	0.00
J-RJ-QC/FSL	5.30	J-QC/FFB	1.24	1.41
	5.50	J-QC/FFB	0.34	1.06
NAPQNS	5.40	J-QC/FFB	0.00	0.00
K	4.40	J-QC/FFB	0.00	0.00
KJ-QC/FFD/RPO	4.30	BJ-QC/FBK/FFB	0.93	1.31
K	4.70	J-QC/FFB	0.00	0.00
J-R	4.60	J-QC/FFB	0.16	1.21
J-R	8.70	J-QC/FFB	0.27	0.28
J-R	7.40	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	8.80	J-QC/FFB	0.00	0.00
	4.5		0.00	0.02
	5.0	J-QC/FFB	0.10	0.10
J-QC/FFD/RPO	5.8		0.17	2.58
	4.3	J-QC/FFD/RPO	0.04	0.04
	5.8	B/FBK	0.00	0.00
J-QC/FSL	5.3	B/FBK	0.00	0.00
	4.0		2.39	3.03
	6.5	B/FBK	0.03	0.03
	6.4	J-QC/FFB	0.00	0.00
	4.5		0.00	0.00
A/LBF	3.5	J-QC/FFB/FFDRPO	0.49	0.53
J-HT/EHT	4.8	J-QC/FFD/RPO	0.00	0.00
	4.7	J-QC/FFB	0.00	0.00
	5.0	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.6	J-QC/FFB	0.04	0.04

	4.4		0.39	0.39
	4.1		0.28	0.29
	3.6		1.32	1.32
	5.1	J-QC/FFB	0.01	7.69
	8.1		0.00	0.70
	11.2	J-QC/FFB	1.36	5.34
	6.7	J-QC/FFB	0.00	0.00
J-R	7.0	J-QC/FFB	0.00	0.00
	5.9	J-QC/FFB	0.00	0.00
	5.6	J-QC/FFB	0.00	0.00
J-R	6.1	J-QC/FFB	0.00	0.00
J-R	4.4		0.00	0.00
	4.8		0.22	0.22
	3.4	J-QC/FFD/RPO	0.00	0.00
	3.2	J-QC/FFB	0.00	0.00
	4.0	J-QC/FFB	0.00	0.00
	3.5		0.00	0.00
J-QC/FSL	6.5		0.62	0.62
	5.5		0.00	0.00
	4.7	B/FBK	0.03	0.03
	6.3		0.20	2.14
J-QC/FSL	6.8	J-QC/FFB/FFDRPO	0.02	0.18
	4.6	J-QC/FFB	1.36	1.37
J-QC/FSL	5.9	J-QC/FFB	0.00	0.06
	6.4	BJ-QC/FBK/FFB	0.00	0.00
	5.3		0.95	0.95
	3.6	BJ-QC/FBK/FFBFFDRPO	0.00	0.00
	3.8	BJ-QC/FBK/FFBFFDFLDRPO	0.00	0.02
	4.9	J-QC/FFB/FFDRPO	0.00	0.26
	5.8	J-QC/FFB/FLS	0.04	0.09
	5.1	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	3.8		0.05	0.40
	4.8	J-QC/FFB	0.00	0.00
	3.4	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.2	J-QC/FFB/FFDRPO	0.11	0.70
J-QC/FFD/RPO	5.2	J-QC/FFB/FFDRPO	0.11	0.70
J-QC/FFD/RPO	3.7		0.00	0.06
J-QC/FSL	3.0	J-QC/FFD/FLDRPO	0.00	0.00
J-QC/FSL	4.2		0.05	0.05
J-QC/FSL	3.3		0.35	0.35
NA	—	NA	0.00	0.00
NA	—	NA	0.05	1.08
NA	—	NA	0.00	0.05
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
	4.5		0.03	0.07
	4.59	J-QC/FFB	0.11	0.17

J/LLS	3.41	J-QC/FFB	0.00	0.03
NA	—	NA	0.00	0.00
J-QC	4.69	J-QC/FFB	0.95	1.15
NA	—	NA	0.00	0.29
	3.2	J-QC/FFB	0.01	0.01
NA	—	NA	0.02	0.02
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	5.0	[redacted]	0.00	0.00
J-QC/FFD/RPO	4.9		0.00	0.00
J-QC/FFB/FFDRPC	5.1		0.08	1.54
J-QC/FFB/FFDRPC	6.1	J-QC/FMS	0.00	0.00
J/LLS	6.2	J-QC/FFD/RPO	0.00	0.00
J-QC/LLS/FFDRPO	8.0	J-QC	0.00	0.00
J-QC/LLS/FFDRPO	7.6	J-QC	0.00	0.00
QC/LLS/FFBFFDRF	8.1	J-QC/FFB	0.00	0.55
J/LLS	22.1	J-QC/FFB/FFDRPOFMS	0.04	1.03
J/LLS	20.0	[redacted]	0.14	0.27
K	9.0		0.11	0.11
J-QC/LLS/FFB	7.7		0.00	0.00
J/LLS	6.6	J-QC/FMS	0.00	0.00
J-QC/FFD/RPO	4.0	J-QC/FLD/RPO	0.19	0.19
J/LLS	5.4	J-QC	0.02	0.52
J-QC/LLS/FFDRPO	6.7	[redacted]	0.00	0.00
J-QC/LLS/FFDRPO	5.6	J-QC	0.40	0.40
J-QC/LLS/FFDRPO	6.1	J-QC	0.00	0.00
J/LLS	4.5	J-QC	0.03	0.03
J-QC/LLS/FFDRPO	3.9	[redacted]	0.00	0.05
J-QC/LLS/FFDRPO	3.7		0.00	0.05
J-QC/LLS/FFB	4.3		0.00	0.04
J-QC/LLS/FFB	3.9		0.00	0.04
	3.2	J-QC/FLD/RPOFSL	0.00	0.48
J/LLS	3.98	J-QC/FMS	0.00	0.40
J-HT/EHT	4.3	J-QC/FLD/RPOFMS	0.10	0.10
	6.17	[redacted]	0.00	0.34
[redacted]				
J-QC	2.4		0.00	0.00
	4.4		0.00	0.36
	4.7		0.00	0.15
	5.5		0.00	0.01
	5.5		0.00	0.08
	6.0		0.00	0.00
	5.6		0.00	0.00
	5.5		0.00	0.00
	7.2		0.00	0.00
	5.4	J-QC	2.46	2.46
J-QC/FFB	5.9		0.00	0.00
	4.3		0.00	0.00
	5.8		0.00	0.00
	4.1		0.75	0.84
	4.6		0.00	0.28

	4.0	0.00	0.07
	3.6	0.00	0.00
NAPQNS	4.6	0.00	0.00
	4.6	0.00	0.00
	4.6	0.00	0.00
	4.0	0.00	0.00
	3.5	0.00	0.00
	3.2	0.00	0.00
	3.2	0.00	0.00
J/LLS	4.7	0.55	0.55
J/LLS	7.8	0.47	0.47
J/LLS	5.0	0.00	0.04

Station #4 Market Street	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 4, 2003	09:30	7.43	3.0	13.35
December 17, 2003	11:40	6.60	2.8	15.00
2004				
January 7, 2004	12:55	5.90	—	13.42
February 10, 2004	12:00	6.04	6.9	14.21
February 19, 2004	12:40	7.08	2.5	12.15
March 9, 2004	10:35	6.63	6.3	11.81
March 16, 2004	10:30	6.46	6.3	13.03
April 5, 2004	10:50	6.54	7.3	10.61
April 27, 2004	11:00	6.59	13.5	9.63
May 3, 2004	10:30	6.25	17.8	6.93
May 10, 2004	10:55	6.93	18.3	—
May 24, 2004	10:23	7.19	22.3	5.41
June 7, 2004	—	—	—	—
June 14, 2004	10:20	7.89	—	7.60
June 21, 2004	—	—	—	—
June 30, 2004	—	7.30	24.6	—
July 8, 2004	—	—	—	—
July 12, 2004	11:40	8.18	25.0	—
July 19, 2004	10:00	6.57	21.7	4.10
July 26, 2004	10:20	6.86	23.6	4.10
August 2, 2004	—	6.90	—	6.20
August 9, 2004	10:55	6.57	—	6.54
August 16, 2004	10:50	7.00	—	5.30
August 23, 2004	10:50	7.26	—	8.17
August 30, 2004	—	—	—	—
September 13, 2004	11:42	—	21.50	11.21
September 20, 2004	10:36	6.63	17.33	10.49
September 27, 2004	10:50	7.09	19.7	4.29
October 5, 2004	—	—	—	—
October 19, 2004	11:10	—	12.41	9.14
November 3, 2004	10:50	—	12.6	6.43
November 16, 2004	10:30	—	6.6	10.50
November 30, 2004	10:25	—	8.0	12.14
December 14, 2004	10:39	—	5.8	12.11
2005				
January 11, 2005	10:32	7.63	3.67	15.95
February 8, 2005	10:35	—	3.40	13.73
February 15, 2005	10:42	—	4.03	13.56
March 2, 2005	10:52	—	2.27	19.40
March 15, 2005	11:10	8.05	4.37	20.79
April 7, 2005	12:29	7.34	10.4	—
April 19, 2005	10:55	7.39	14.68	11.11
May 2, 2005	10:41	7.18	13.7	—
May 9, 2005	10:46	7.72	13.92	10.11
May 17, 2005	10:35	6.75	18.9	—

June 6, 2005	10:48	7.60	23.22	7.69
June 14, 2005	10:43	7.56	29.3	—
June 20, 2005	10:18	7.55	21.64	6.70
June 28, 2005	10:27	7.46	25.64	4.71
July 5, 2005	10:48	7.45	26.6	—
July 12, 2005	10:50	7.35	26.4	—
July 19, 2005	—	—	—	—
July 25, 2005	11:16	7.85	26.17	7.67
August 2, 2005	11:25	8.99	28.9	—
August 8, 2005	12:02	—	27.13	15.80
August 16, 2005	10:44	—	25.7	—
August 22, 2005	10:41	7.65	26.05	—
September 6, 2005	11:09	—	24.0	—
September 13, 2005	10:25	—	24.1	—
September 19, 2005	10:58	7.29	24.0	—
September 27, 2005	10:39	7.63	20.6	—
October 12, 2005	13:16	6.89	15.35	10.83
October 24, 2005	09:53	11.30	—	9.86
November 9, 2005	11:20	7.13	11.3	9.25
November 28, 2005	10:39	—	5.2	12.17
December 12, 2005	10:20	—	2.2	13.06
December 27, 2005	10:35	6.78	4.0	14.29
2006				
January 9, 2006	10:53	7.39	3.25	17.58
January 25, 2006	10:26	7.41	3.45	16.41
February 8, 2006	10:31	7.49	3.75	14.89
February 22, 2006	10:44	7.56	2.47	14.85
March 8, 2006	11:03	8.05	4.60	13.86
March 22, 2006	10:43	8.00	5.47	13.79
April 5, 2006	10:40	7.78	11.00	9.26
April 17, 2006	10:47	8.05	14.52	9.24
May 2, 2006	09:49	7.48	15.19	9.61
May 8, 2006	11:00	7.05	17.0	5.94
May 18, 2006	10:09	7.41	15.95	9.19
May 23, 2006	10:33	7.45	15.05	9.02
May 31, 2006	11:18	7.42	23.06	6.93
June 6, 2006	10:55	7.34	19.27	7.85
June 12, 2006	10:27	7.52	17.78	8.60
June 20, 2006	10:56	7.53	23.86	6.64
June 27, 2006	10:45	7.38	22.69	7.03
July 5, 2006	11:19	7.38	24.19	6.53
July 13, 2006	10:22	7.35	24.59	6.41
July 17, 2006	10:16	7.41	26.24	6.18
July 26, 2006	10:44	7.40	24.42	6.51
August 7, 2006	10:46	8.00	26.80	7.12
August 22, 2006	10:40	8.21	24.55	9.70
August 28, 2006	11:11	7.49	21.03	8.18
September 6, 2006	10:47	7.35	19.03	9.56
September 12, 2006	10:40	7.52	19.14	8.45
September 19, 2006	10:28	7.44	20.19	10.75

September 26, 2006		10:34	7.65	17.99	10.36
October 11, 2006		11:00	7.63	16.07	8.74
October 24, 2006		11:32	7.46	11.30	11.27
November 20, 2006		10:50	7.27	10.06	11.74
December 5, 2006		11:39	7.39	6.72	11.98
December 19, 2006		11:28	6.83	7.59	12.19
2007					
January 4, 2007		10:43	7.37	5.11	13.28
January 17, 2007		11:19	7.58	4.01	14.25
January 30, 2007		11:21	7.65	1.42	14.42
February 27, 2007		11:20	7.77	2.17	14.69
March 13, 2007		11:08	7.56	4.61	14.32
March 27, 2007		12:39	7.49	8.96	13.55
April 11, 2007	A	11:13	7.48	7.96	12.28
April 11, 2007	B	11:13	—	—	—
April 25, 2007		11:36	7.63	16.50	10.37
May 2, 2007		11:33	7.35	15.57	9.88
May 7, 2007	A	11:02	7.69	15.29	9.97
May 7, 2007	B	11:02	—	—	—
May 15, 2007		11:22	7.65	18.47	8.74
May 22, 2007		11:49	7.60	17.63	7.91
May 30, 2007		11:04	7.98	23.21	7.89
June 7, 2007		11:27	7.55	20.49	6.95
June 12, 2007		11:29	7.63	24.17	7.55
June 19, 2007		11:04	7.91	24.60	8.53
June 26, 2007	A	11:14	7.92	24.42	8.36
June 26, 2007	B	11:14	—	—	—
July 10, 2007		11:13	7.69	27.10	6.46
July 17, 2007		11:02	7.99	25.46	9.07
August 1, 2007		11:27	7.86	25.73	7.64
August 7, 2007		11:23	8.56	26.60	11.46
August 13, 2007		10:41	7.74	22.96	7.80
August 21, 2007		11:12	7.46	19.60	7.74
September 5, 2007		11:33	8.55	23.55	12.35
September 11, 2007	A	11:18	7.63	25.31	4.07
September 11, 2007	B	11:18	—	—	—
September 20, 2007		10:59	7.96	19.32	8.21
September 26, 2007		11:05	7.98	21.62	9.69
October 10, 2007		11:01	7.55	19.61	5.72
October 23, 2007	A	11:05	7.98	17.78	7.74
October 23, 2007	B	11:05	—	—	—
November 8, 2007	A	11:04	—	8.86	9.69
November 8, 2007	B	11:04	—	—	—
November 19, 2007	A	10:50	—	6.86	9.55
November 19, 2007	B	10:50	—	—	—
December 4, 2007	A	11:18	—	3.04	12.24
December 4, 2007	B	11:18	—	—	—
December 18, 2007		11:13	—	0.94	12.86
2008					
January 29, 2008	A	10:50	7.62	1.96	11.86

January 29, 2008	B	10:50	—		—		—
February 26, 2008		11:20	7.47		3.32		12.94
March 25, 2008	A	11:50	7.57		6.83		13.23
March 25, 2008	B	11:50	—		—		—
April 15, 2008	A	11:20	7.70		11.94		11.19
April 15, 2008	B	11:20	—		—		—
May 6, 2008		11:22	8.09		15.57		8.40
May 13, 2008		11:45	6.84		13.80		9.11
May 20, 2008		11:37	7.41		14.07		8.93
May 28, 2008		11:10	7.19		19.20		7.21
June 3, 2008	A	11:57	7.53		20.95		6.41
June 3, 2008	B	11:57	—		—		—
June 10, 2008	A	11:43	7.59		25.81		5.15
June 10, 2008	B	11:43	—		—		—
June 17, 2008	A	11:49	—		24.13		5.99
June 17, 2008	B	11:49	—		—		—
June 24, 2008	A	11:13	—		22.73		5.66
June 24, 2008	B	11:13	—		—		—
July 1, 2008	A	11:03	8.23		26.30		9.57
July 1, 2008	B	11:03	—		—		—
July 9, 2008	A	11:12	8.26		26.80		8.96
July 9, 2008	B	11:12	—		—		—
July 15, 2008	A	12:12	—		25.60		5.85
July 15, 2008	B	12:12	—		—		—
July 22, 2008	A	11:27	—		27.55		7.43
July 22, 2008	B	11:27	—		—		—
July 29, 2008		11:04	—		24.41		6.80
August 5, 2008		10:58	—		26.22		12.81
August 12, 2008		11:24	—		22.21		7.62
August 19, 2008		11:09	—		25.19		15.65
August 26, 2008		10:57	—		23.59		11.61
September 3, 2008		10:42	—		23.93		9.42
September 17, 2008		10:36	—		20.65		5.11
September 23, 2008		11:55	—		19.89		7.65
November 24, 2008		11:19	—		2.84		11.53
December 2, 2008		11:03	—		4.97		16.32
2009							
February 3, 2009	A	11:14	—	NAPEFAI/EQF	2.35		13.71
February 3, 2009	B	11:14	—		—		—
March 4, 2009		11:31	—	NAPEFAI/EQF	1.36		16.00
April 8, 2009	A	11:19	—	NAPEFAI/EQF	9.0		5.22
April 8, 2009	B	11:19	—		—		—
May 5, 2009		11:10	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
May 12, 2009	A	10:56	—	NAPEFAI/EQF	16.5		8.33
May 12, 2009	B	10:56	—		—		—
May 19, 2009		11:47	—	NAPEFAI/EQF	15.7		7.99
May 27, 2009		11:08	—	NAPEFAI/EQF	18.7		6.34
June 2, 2009	A	11:17	—	NAPEFAI/EQF	19.7		6.77
June 2, 2009	B	11:17	—		—		—
June 16, 2009		11:20	7.34		18.71		9.33

June 23, 2009	A	11:33	7.32		19.62		8.94
June 23, 2009	B	11:33	—		—		—
July 14, 2009		11:12	7.63		21.99		7.60
July 21, 2009	A	11:21	7.47		22.80		7.02
July 21, 2009	B	11:21	—		—		—
July 29, 2009	A	11:50	7.36		25.09		5.83
July 29, 2009	B	11:50	—		—		—
August 4, 2009		11:41	7.63		23.16		8.58
August 11, 2009	A	11:14	7.29		24.07		6.59
August 11, 2009	B	11:14	—		—		—
August 18, 2009		11:27	7.48		25.70		6.02
August 25, 2009	A	11:36	7.40		24.63		7.16
August 25, 2009	B	11:36	—		—		—
September 1, 2009	A	12:20	7.43		21.27		6.87
September 1, 2009	B	12:20	—		—		—
September 9, 2009		10:50	8.10		22.23		9.02
September 15, 2009	A	10:51	7.60		19.93		7.90
September 15, 2009	B	10:51	—		—		—
September 22, 2009		11:16	8.43		19.80		11.06
October 6, 2009	A	10:58	8.04		15.87		9.27
October 6, 2009	B	10:58	—		—		—
November 18, 2009	A	11:15	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
November 18, 2009	B	11:15	—		—		—
December 16, 2009	A	11:06	7.13		3.36		13.85
December 16, 2009	B	11:06	—		—		—
2010							
January 5, 2010		11:43	6.91		0.04		15.22
February 1, 2010		11:20	6.86		0.27		16.15
March 9, 2010	A	11:11	7.74		6.81		13.35
March 9, 2010	B	11:11	—	NA	—	NA	—
April 7, 2010		11:05	7.32		16.45		10.52
May 4, 2010	A	11:56	7.21		19.88		8.87
May 4, 2010	B	11:56	—	NA	—	NA	—
May 11, 2010		11:35	7.49		14.11		9.79
May 17, 2010		10:59	7.58		17.75		8.95
May 25, 2010	A	11:00	7.45		19.81		8.20
May 25, 2010	B	11:00	—	NA	—	NA	—
June 9, 2010		11:18	9.22		22.31		15.50
June 14, 2010		10:44	7.64		21.39		5.67
June 22, 2010	A	11:30	8.63		25.86		9.89
June 22, 2010	B	11:30	—	NA	—	NA	—
June 29, 2010	A	11:41	7.76		26.73		5.64
June 29, 2010	B	11:41	—	NA	—	NA	—
July 13, 2010	A	11:26	8.68		26.73		11.07
July 13, 2010	B	11:26	—	NA	—	NA	—
July 20, 2010	A	11:27	7.37		26.93		5.46
July 20, 2010	B	11:27	—	NA	—	NA	—
July 27, 2010	A	11:53	7.56		26.07		7.13
July 27, 2010	B	11:53	—	NA	—	NA	—
August 3, 2010	A	11:19	7.45		24.37		6.27

August 3, 2010	B	11:19	—	NA	—	NA	—
August 10, 2010	A	11:28	7.64		27.19		6.93
August 10, 2010	B	11:28	—	NA	—	NA	—
August 17, 2010		11:02	7.45		25.03		5.78
August 24, 2010		10:55	7.45		21.88		7.25
August 31, 2010	A	11:55	7.76		24.63		8.16
August 31, 2010	B	11:55	—	NA	—	NA	—
September 8, 2010		12:07	7.79		23.63		7.58
September 14, 2010		11:12	7.66		19.64		7.60
September 21, 2010		11:07	7.76		19.41		7.82
September 27, 2010	A	12:07	7.73		21.43		8.11
September 27, 2010	B	12:07	—	NA	—	NA	—
October 5, 2010		10:33	7.17		14.91		9.52
November 16, 2010	A	10:51	7.16		9.60		11.23
November 16, 2010	B	10:51	—	NA	—	NA	—
December 7, 2010		11:03	7.24		2.83		13.53
2011							
January 4, 2011	A	12:07	6.65		2.03		13.81
January 4, 2011	B	12:07	—	NA	—	NA	—
February 8, 2011	A	11:17	7.05		2.90		13.74
February 8, 2011	B	11:17	—	NA	—	NA	—
March 8, 2011		11:31	—	NAPEFAI/EQF	4.25		15.93
April 12, 2011		10:56	7.52		12.83		10.05
May 3, 2011	A	11:06	7.39		15.77		9.98
May 3, 2011	B	11:06	—	NA	—	NA	—
May 10, 2011		10:40	7.56		16.47		9.46
May 17, 2011	A	11:41	7.49		15.69		8.95
May 17, 2011	B	11:41	—	NA	—	NA	—
May 24, 2011		10:42	7.08		16.61		9.75
June 2, 2011		10:35	7.58		23.72		6.93
June 7, 2011	A	10:48	7.60		21.21		7.51
June 7, 2011	B	10:48	—	NA	—	NA	—
June 16, 2011		10:59	7.65		21.38		8.38
June 21, 2011	A	10:53	7.45		23.20		12.74
June 21, 2011	B	10:53	—	NA	—	NA	—
June 28, 2011		11:11	7.38		23.24		8.93
July 12, 2011		10:58	7.60		26.17		7.76
July 26, 2011	A	11:13	7.39		26.23		3.28
July 26, 2011	B	11:13	—	NA	—	NA	—
August 2, 2011		11:10	8.55		27.81		8.95
August 10, 2011	A	11:03	7.75		25.06		7.76
August 10, 2011	B	11:03	—	NA	—	NA	—
August 16, 2011		11:08	7.50		21.93		9.47
August 23, 2011	A	10:46	7.45		22.40		7.20
August 23, 2011	B	10:46	—	NA	—	NA	—
September 7, 2011		11:29	7.37		19.55		11.27
September 12, 2011		11:02	7.06		20.76		10.09
September 20, 2011	A	11:21	7.44		16.95		11.85
September 20, 2011	B	11:21	—	NA	—	NA	—
September 27, 2011		11:04	7.46		21.09		15.05

October 18, 2011		10:49	7.47		15.10		9.83
November 3, 2011		11:00	7.36		8.70		12.52
December 7, 2011		10:47	7.19		9.33		11.67
2012							
January 11, 2012		11:08	7.38		3.44		13.35
February 8, 2012		10:56	7.16		4.43		13.27
March 6, 2012		11:08	7.62		4.87		13.02
April 18, 2012		11:04	8.43		18.71		11.91
May 2, 2012		11:08	7.25		14.48		7.16
May 8, 2012		11:00	7.38		16.08		8.05
May 15, 2012		10:52	7.54		18.87		6.31
May 24, 2012	A	11:46	7.13		19.50		7.89
May 24, 2012	B	11:46	—	NA	—	NA	—
May 30, 2012		11:10	7.16		24.64		5.55
June 5, 2012		10:53	7.16		19.07		10.24
June 12, 2012		10:50	7.32		21.56		6.76
June 19, 2012		10:59	7.26		21.37		7.40
June 26, 2012	A	11:28	7.42		23.46		5.86
June 26, 2012	B	11:28	—	NA	—	NA	—
July 10, 2012		10:54	7.81		27.47		5.73
July 17, 2012		11:22	7.65		27.31		5.25
July 24, 2012		11:19	7.82		25.62		7.40
July 31, 2012		10:56	7.29		24.82		6.07
August 7, 2012		11:30	7.95		27.28		7.49
August 14, 2012		11:04	7.76		26.08		7.26
August 20, 2012		10:20	8.02		22.66		4.93
August 28, 2012		10:42	7.75		25.46		6.52
September 5, 2012		10:57	7.52		24.39		4.21
September 11, 2012		10:42	7.55		21.89		6.82
September 18, 2012		10:50	7.65		21.00		7.27
September 25, 2012		10:50	7.51		18.19		7.12
October 16, 2012		10:45	7.55		14.45		10.41
November 5, 2012		11:00	7.75		9.44		11.72
November 7, 2012		11:02	7.81		7.50		13.53
November 8, 2012		11:06	7.85		6.43		14.07
November 9, 2012		11:01	7.97		6.02		14.43
November 14, 2012		11:22	7.82		8.75		8.66
November 15, 2012		11:22	7.82		8.09		13.98
December 12, 2012		09:42	7.69		6.95		12.43
2013							
January 15, 2013		09:35	7.73		5.72		13.40
February 12, 2013		09:45	8.02		2.12		15.09
February 25, 2013	A	09:41	7.52		3.35		14.58
February 25, 2013	B	09:41	—	NA	—	NA	—
March 6, 2013		09:46	7.47		4.59		14.10
March 20, 2013		09:31	7.09		3.18		15.58
April 9, 2013		10:50	8.07		13.22		9.83
April 17, 2013	A	10:55	7.50		14.11		6.69
April 17, 2013	B	10:55	—	NA	—	NA	—
April 29, 2013		11:06	7.80		16.98		9.60

May 1, 2013		11:13	7.84		15.67		10.10
May 8, 2013		11:05	7.16		17.97		8.86
May 14, 2013		11:14	7.47		16.06		7.72
May 22, 2013		11:27	7.27		20.19		7.55
May 29, 2013		11:06	7.07		16.00		16.02
June 4, 2013		11:06	7.36		22.45		11.47
June 11, 2013		11:11	7.11		19.58		10.62
June 18, 2013		11:31	7.29		21.18		14.54
June 25, 2013		11:06	7.40		24.48		6.29
July 9, 2013		11:25	7.50		27.40		8.27
July 16, 2013		10:54	7.63		27.17		8.52
July 23, 2013		10:57	7.22		26.26		6.53
July 30, 2013		11:23	7.31		24.05		6.68
August 6, 2013		11:09	7.71		22.84		6.68
August 13, 2013		10:52	7.51		23.67		6.94
August 20, 2013		11:13	7.85		22.23		7.98
August 27, 2013		10:58	7.63		22.26		7.85
September 4, 2013		10:57	7.70		23.42		73.8
September 10, 2013		11:01	8.09		20.65		9.37
September 17, 2013		10:58	7.53		18.80		8.16
September 25, 2013		10:55	7.80		16.90		8.63
October 9, 2013		10:48	7.62		17.26		7.75
November 13, 2013		11:14	6.11		6.28		11.53
December 12, 2013	A	11:20	5.50		1.71		13.20
December 12, 2013	B	11:20	—	NA	—	NA	—
2014							
March 17, 2014		11:11	6.41		2.86		14.01
April 2, 2014		11:04	9.17		7.36		13.55
May 6, 2014		11:11	6.57		14.02		10.02
May 13, 2014		10:53	6.71		18.45		9.40
May 20, 2014		11:11	7.00		16.19		10.15
May 28, 2014		11:21	7.03		19.83		8.49
June 3, 2014		10:50	7.61		20.84		7.82
June 10, 2014		11:07	7.18		20.41		7.87
June 17, 2014		10:45	7.21		21.22		8.38
June 24, 2014		11:18	7.88		22.01		8.43
July 1, 2014		11:15	7.61		24.27		6.55
July 8, 2014		11:02	7.07		24.19		6.58
July 15, 2014	A	11:24	7.05		24.43		7.18
July 15, 2014	B	11:24	—	NA	—	NA	—
July 30, 2014		11:04	7.74		22.59		8.45
August 5, 2014	A	11:36	7.70		24.02		7.82
August 5, 2014	B	11:36	—	NA	—	NA	—
August 19, 2014		11:05	7.79		22.40		8.71
August 27, 2014		11:30	7.90		23.88		8.62
September 3, 2014		11:33	7.78		25.81		8.19
September 9, 2014		11:05	7.49		22.64		7.22
September 15, 2014		11:17	7.79		19.30		8.26
September 23, 2014		11:14	7.63		18.80		8.60
September 29, 2014		11:21	7.84		20.13		9.64

October 15, 2014	11:16	7.58	16.51	9.25
November 13, 2014	11:18	6.98	9.76	10.50
December 9, 2014	11:09	4.08	3.44	14.25

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	98.7	0.1	—	2
	112.2	0.2	—	12
[redacted]				
	98.6	0.2	—	2
	101.5	0.3	—	6
	89.8	0.3	—	4
	96.4	0.3	—	4
	97.3	0.3	—	4
	98.5	0.3	—	6
	90.7	0.2	—	16
	73.6	0.2	—	10
	—	—	—	10
	62.5	0.2	—	6
	—	—	—	8
	—	—	—	98
	—	—	—	12
	—	—	—	7
	—	—	—	19
	—	—	—	24
	45.0	—	—	15
	45.0	—	—	33
	72.8	—	—	10
	73.5	—	—	12
	61.6	—	—	14
	91.5	—	—	65
	—	—	—	4
	127.0	0.17	—	10
	109.3	0.09	—	38
	58.7	0.2	—	5
	—	—	—	9
	85.5	0.23	—	<1
	60.8	0.2	—	8
	84.7	0.2	—	2
	99.6	0.1	—	24
	98.4	0.1	—	6
[redacted]				
	120.5	0.21	—	4
	102.5	0.37	—	20
	103.8	0.25	—	17
	138.8	0.44	—	3
	160.4	0.39	—	2
	—	0.1	—	4
	109.6	0.23	—	6
	—	—	—	4
	97.9	0.25	—	6
	—	—	—	2

90.2	0.30	—	5
—	—	—	2
76.3	0.29	—	4
57.9	0.27	—	10
—	—	—	4
—	—	—	3
—	—	—	—
94.7	0.28	—	8
—	—	—	25
199.3	0.30	—	22
—	—	—	6
—	0.25	—	8
—	—	—	6
—	—	—	20
—	—	—	3
—	—	—	10
108.3	0.08	—	50
89.5	0.2	—	6
83.7	0.2	—	5
95.8	0.2	—	2
92.9	0.2	—	4
109.6	0.2	—	4
[redacted]			
131.5	0.19	—	6
123.4	0.19	—	<1
112.7	0.18	—	4
108.8	0.29	—	2
107.8	0.44	—	<1
109.5	0.33	—	<1
84.2	0.31	—	5
90.8	0.31	—	8
95.7	0.24	—	8
62.5	0.3	—	8
93.2	0.16	—	16
89.7	0.19	—	8
81.1	0.24	—	5
85.1	0.16	—	11
90.5	0.16	—	9
78.8	0.23	—	6
81.5	0.19	—	11
78.0	0.16	—	10
76.7	0.19	—	12
76.5	0.21	—	8
77.9	0.16	—	26
89.1	0.28	—	6
116.9	0.29	—	16
92.1	0.24	—	20
103.2	0.14	—	22
91.4	0.19	—	8
118.8	0.16	—	12

109.9	0.23	—	4
89.0	0.23	—	6
103.1	0.18	—	8
104.2	0.11	—	4
98.1	0.16	—	3
100.1	0.23	—	2
[redacted]			
104.3	0.13	—	6
108.8	0.16	—	4
102.9	0.26	—	3
107.1	0.56	—	4
111.4	0.32	—	3
117.2	0.24	—	7
103.8	0.26	—	6
—	—	—	7
106.0	0.17	—	10
99.3	0.15	—	8
99.6	0.19	—	7
—	—	—	8
93.4	0.27	—	16
83.0	0.26	—	4
92.8	0.28	—	9
77.3	0.25	—	8
90.0	0.32	—	6
102.5	0.34	—	6
99.8	0.31	—	6
—	—	—	8
81.8	0.23	—	5
111.1	0.23	—	8
93.7	0.27	—	10
144.0	0.31	—	14
90.9	0.16	—	24
84.7	0.24	—	8
145.2	0.36	—	10
49.5	0.30	—	8
—	—	—	8
89.3	0.35	—	6
110.3	0.39	—	4
62.2	0.30	—	9
81.6	0.26	—	8
—	—	—	9
84.0	0.28	—	5
—	—	—	3
78.8	0.30	—	<1
—	—	—	<1
91.3	0.39	—	1
—	—	—	6
90.5	0.56	—	6
[redacted]			
85.5	0.28	□	4

	—		—		☐	4	
	97.1		0.25		☐	9	
	108.6		0.17		☐	4	
	—		—		☐	4	
	103.8		0.22		☐	8	
	—		—		☐	7	
	84.5		0.23		☐	8	
	88.2		0.19		☐	8	
	86.8		0.17		☐	10	
	78.2		0.21		☐	6	
	71.8		0.25		☐	10	
	—		—		☐	8	
	63.2		0.24		☐	2	
	—		—		☐	2	
	71.4		0.30		☐	5	
	—		—		☐	6	
	65.7		0.25		☐	4	
	—		—		☐	6	
	119.1		0.33		☐	4	
	—		—		☐	5	
	112.3		0.35		☐	6	
	—		—		☐	8	
	71.3		0.32		☐	4	
	—		—		☐	3	
	94.6		0.33		☐	20	
	—		—		☐	22	
	81.5		0.25		☐	8	
	158.7		0.29		☐	16	
	87.5		0.30		☐	16	
	190.2		0.32		☐	22	
	137.7		0.37		☐	15	
	111.8		0.41		☐	14	
	56.9		0.23		☐	6	
	84.2		0.31		☐	6	
	85.4		0.19		☐	2	
	128.1		0.24		☐	7	
[redacted]							
	100.6		0.68		—	2	
	—		—		—	2	
	114.0		0.46		—	3	J-QC/FFD/RPO
	45.3		0.2		—	10	
	—		—		—	12	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	9	J-QC/FFB
	85.3		0.2		—	18	
	—		—		—	16	
	80.3		0.2		—	13	
	68.4		0.3		—	10	
	74.3		0.3		—	4	J-QC/FFD/RPO
	—		—		—	8	J-QC/FFD/RPO
	100.1		0.15		—	41	

	97.7		0.16		—		14	J-QC/FLD/RPO
	—		—		—		12	J-QC/FLD/RPO
	87.0		0.27		—		6	
	81.5		0.25		—		12	
	—		—		—		12	
	70.8		0.24		—		5	
	—		—		—		4	
	100.4		0.15		—		22	
	78.4		0.20		—		6	
	—		—		—		5	
	73.9		0.25		—		6	J-QC/FFD/RPO
	86.1		0.20		—		6	
	—		—		—		8	
	77.6		0.22		—		4	J-QC/FFD/FLDRPO
	—		—		—		8	J-QC/FFD/FLDRPO
	103.6		0.33		—		3	J-QC/FFD/RPO
	86.9		0.30		—		6	J-QC/FFB
	—		—		—		4	J-QC/FFB
	121.5		0.34		—		4	J-QC/FFD/RPO
	93.9		0.37		—		3	
	—		—		—		2	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		1	J-QC/FFD/RPO
	—		—		—		2	J-QC/FFD/RPO
	104.0		0.20		—		8	
	—		—		—		8	
[redacted]								
	104.4		0.26		—	NA	6	J-QC/FFD/RPO
	111.5		0.19		—	NA	4	J-QC/FFD/RPO
	109.7		0.32		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	107.7		0.16		—	NA	8	
	97.3		0.18		—	NA	8	
NA	—	NA	—	NA	—	NA	10	
	95.3		0.23		—	NA	8	
	94.1		0.26		—	NA	6	J-QC/FFD/RPO
	90.0		0.27		—	NA	6	
NA	—	NA	—	NA	—	NA	6	
	178.7		0.35		—	NA	18	
	64.2		0.09		—	NA	6	
	121.5		0.30		—	NA	7	
NA	—	NA	—	NA	—	NA	8	
	70.4		0.30		—	NA	9	
NA	—	NA	—	NA	—	NA	10	
	138.1		0.36		—	NA	24	
NA	—	NA	—	NA	—	NA	32	
	68.3		0.24		—	NA	4	
NA	—	NA	—	NA	—	NA	5	
	88.3		0.30		—	NA	10	
NA	—	NA	—	NA	—	NA	8	
	75.0		0.34		—	NA	6	

NA	—	NA	—	NA	—	NA	6	
	87.5		0.35		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	70.2		0.36		—	NA	6	J-QC/FFD/RPO
	82.8		0.27		—	NA	21	
	98.3		0.30		—	NA	6	
NA	—	NA	—	NA	—	NA	5	
	89.4		0.43		—	NA	5	J-QC/FFD/FLDRPO
	83.2		0.38		—	NA	5	
	85.2		0.31		—	NA	2	J-QC/FFD/RPO
	92.0		0.35		—	NA	18	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	8	J-QC/FFD/RPO
	94.3		0.17		—	NA	16	
	98.6		0.39		—	NA	2	
NA	—	NA	—	NA	—	NA	2	
	100.2		0.19		—	NA	8	
[redacted]								
	100.2		0.40		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	102.5		0.93		—	NA	8	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	122.4		0.10		—	NA	64	
	95.2		0.30		—	NA	6	
	100.8		0.21		—	NA	11	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	8	J-QC/FFD/FLDRPO
	96.9		0.27		—	NA	9	J-QC/FFD/RPO
	90.2		0.23		—	NA	18	
NA	—	NA	—	NA	—	NA	22	
	100.2		0.16		—	NA	10	
	81.8		0.25		—	NA	8	
	84.8		0.28		—	NA	4	
NA	—	NA	—	NA	—	NA	5	
	95.2		0.28		—	NA	11	J-QC/FFB/FFDFLDRPO
	149.8		0.21		—	NA	6	
NA	—	NA	—	NA	—	NA	7	
	104.6		0.18		—	NA	11	J-QC/FFD/RPO
	96.0		0.26		—	NA	3	
	40.6		0.33		—	NA	6	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	6	J-QC/FLD/RPO
	114.3		0.33		—	NA	6	J-QC/FLD/RPO
	94.0		0.26		—	NA	14	
NA	—	NA	—	NA	—	NA	14	
	108.4		0.19		—	NA	32	
	82.9		0.18		—	NA	14	
NA	—	NA	—	NA	—	NA	14	
	122.9		0.11		—	NA	26	
	112.7		0.10		—	NA	6	
	122.5		0.18		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	168.8		0.16		—	NA	10	J-QC/FFD/RPO

	97.7		0.19		—	NA	7	
	107.7		0.20		—	NA	4	
	101.9		0.18		—	NA	5	J-QC/FFD/RPO
	100.5		0.22		—	NA	4	
	102.5		0.25		—	NA	4	J-QC/FFD/RPO
	101.7		0.26		—	NA	2	
	127.8		0.33		—	NA	15	
	70.2		0.23		—	NA	9	J-QC/FFD/RPO
	81.8		0.25		—	NA	8	J-QC/FFD/RPO
	68.1		0.31		—	NA	10	
	86.0		0.21		—	NA	10	
NA	—	NA	—	NA	—	NA	10	
	66.8		0.23		—	NA	6	J-QC/FFD/RPO
	110.7		0.17		—	NA	10	
	76.8		0.26		—	NA	9	
	83.7		0.23		—	NA	8	
	6.92		0.31		—	NA	3	
NA	—	NA	—	NA	—	NA	3	
	72.6		0.38		—	NA	3	J-QC/FLD/RPO
	66.3		0.32		—	NA	3	J-QC/FLD/RPO
	90.8		0.32		—	NA	2	J-QC/FLD/RPO
	73.3		0.27		—	NA	4	J-QC/FFD/RPO
	94.6		0.26		—	NA	7	J-QC/FFD/RPO
	89.8		0.27		—	NA	4	J-QC/FLD/RPO
	57.0		0.28		—	NA	4	J-QC/FFB/FFDFLDRPO
	79.5		0.31		—	NA	3	J-QC/FFD/RPO
	50.5		0.30		—	NA	4	J-QC/FFD/FLDRPO
	78.1		0.25		—	NA	4	
	81.7		0.30		—	NA	6	J-QC/FLD/RPO
	75.8		0.24		—	NA	2	
	102.3		0.38		—	NA	4	
	102.6		0.19		—	NA	—	NA
	112.2		0.19		—	NA	—	NA
	114.2		0.25		—	NA	—	NA
	116.1		0.31		—	NA	—	NA
	74.7		0.37		—	NA	—	NA
	118.7		0.38		—	NA	—	NA
	102.5		0.41		—	NA	4	J-QC/FFB
	107.2		0.30		—	NA	9	J-QC/FFB/FLDRPO
	110.0		0.58		—	NA	3	J-QC
	109.6		0.36		—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
	109.3		0.25		—	NA	10	J-QC/FFB
	116.6		0.30		—	NA	—	NA
	93.9		0.31		—	NA	2	
	65.3		0.31		—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
	98.6		0.30		—	NA	—	NA

[redacted]	101.3	[redacted]	0.31	[redacted]	—	NA	4	J-QC
	93.8		0.25		—	NA	50	
	78.4		0.24		—	NA	26	
	83.2		0.25		—	NA	78	
	162.9		0.17		—	NA	12	J-QC/FLD/RPO
	132.7		0.21		—	NA	9	
	115.9		0.14		—	NA	19	
	163.7		0.15		—	NA	9	
	75.7		0.23		—	NA	2	
	104.3		0.19		—	NA	4	
	107.4		0.29		—	NA	5	J-QC/FLD/RPO
	80.6		0.19		—	NA	6	J-QC/FFD/FLDRPO
	79.4		0.26		—	NA	2	
	77.8		0.24		—	NA	2	J-QC/FFD/FLDRPO
	82.0		0.24		—	NA	12	J-QC/FFB
	91.8		0.27		—	NA	<1	KJ-QC/FLD/RPO
	90.4		0.28		—	NA	4	J-QC/FFD/RPO
	6.27		0.32		—	NA	5	J-QC/FFD/RPO
	104.5		0.35		—	NA	3	J-QC/FFB
	87.7		0.26		—	NA	1	J-QC/FFD/RPO
	89.2		0.28		—	NA	10	
	80.8		0.38		—	NA	4	
	93.4		0.36		—	NA	2	
	95.4		0.67		—	NA	4	
NA	—	NA	—	NA	—	NA	6	
[redacted]								
	103.9		0.28		—	NA	8	J-QC/FFD/RPO
	112.8		0.18		—	NA	15	J-QC/FLD/RPO
	97.3		0.13		—	NA	9	J-QC/FLD/RPO
	100.3		0.20		—	NA	9	J-QC/FFD/RPO
	103.4		0.20		—	NA	10	
	93.2		0.23		—	NA	8	J-QC/FFD/FLDRPO
	87.7		0.30		—	NA	11	
	87.4		0.28		—	NA	12	
	94.8		0.23		—	NA	14	
	96.8		0.29		—	NA	10	
	78.4		0.30		—	NA	12	J-QC/FFB/FLDRPO
	78.5		0.22		—	NA	9	
	86.1		0.22		—	NA	12	
NA	—	NA	—	NA	—	NA	12	
	98.1		0.36		—	NA	8	J-QC/FFD/RPO
	93.0		0.30		—	NA	6	
NA	—	NA	—	NA	—	NA	7	
	100.6		0.34		—	NA	6	J-QC/FLD/RPO
	102.3		0.33		—	NA	7	J-QC/FLD/RPO
	100.7		0.37		—	NA	4	J-QC/FLD/RPO
	83.7		0.34		—	NA	3	
	90.0		0.42		—	NA	2	
	92.5		0.48		—	NA	6	
	106.5		0.45		—	NA	4	

94.8	0.38	—	NA	<1	K
92.6	0.39	—	NA	4	
106.7	0.22	—	NA	37	J-QC/FFD/FLDRPO

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.51	<2	<0.09	0.010
1.10	5	<0.09	0.018
[redacted]			
0.56	<2	0.11	0.015
0.71	<2	<0.19	0.023
1.04	2	<0.19	0.039
0.03	7	<0.19	0.015
0.50	<2	<0.19	0.010
0.52	2	<0.19	0.015
0.54	3	<0.19	0.024
0.83	2	<0.19	0.016
0.83	2	<0.19	0.025
0.49	2	<0.19	0.049
0.90	2	<0.19	0.028
1.37	3	<0.19	0.018
0.84	3	<0.19	0.028
3.26	<2	<0.19	0.036
3.46	<2	<0.19	0.031
2.86	3	<0.19	0.039
2.86	<2	<0.19	0.025
3.66	13	<0.19	0.025
1.08	3	<0.19	0.021
0.96	2	<0.19	0.033
3.08	<2	<0.19	0.032
1.96	3	<0.19	0.028
2.73	3	<0.19	0.016
0.93	<2	<0.19	0.016
1.17	<2	<0.19	0.016
1.24	<2	<0.19	0.011
1.06	<2	<0.19	0.024
0.81	<2	<0.19	0.030
0.83	2	<0.19	0.018
0.45	<2	<0.19	0.014
0.84	<2	<0.19	0.017
0.74	2	<0.19	0.011
[redacted]			
0.60	5	<0.19	0.015
0.91	<2	<0.19	0.028
<1.00	<2	<0.19	0.020
<1.00	<2	<0.19	0.016
1.00	<2	<0.19	0.017
<1.00	<2	<0.19	0.015
0.74	<2	<0.19	0.013
0.69	<2	<0.19	0.021
0.76	<2	<0.19	0.020
0.74	<2	<0.19	0.036

1.54	<2	<0.27	0.085
1.18	—	<0.27	0.044
1.04	<2	<0.27	0.035
1.40	3	<0.27	0.029
1.68	—	<0.27	0.028
1.12	—	<0.27	0.026
—	—	—	—
1.71	3	<0.27	0.021
1.31	<2	<0.27	0.017
2.87	<2	<0.27	0.021
1.66	<2	<0.27	0.048
0.91	<2	<0.27	0.047
0.82	10	<0.27	0.026
1.54	3	<0.27	0.025
1.16	<2	<0.27	0.033
1.71	5	<0.27	0.026
1.68	<2	<0.27	0.040
1.23	<2	<0.27	0.010
0.86	<2	<0.27	0.010
<1.00	<2	<0.27	0.010
<1.00	<2	<0.27	0.010
0.79	<2	0.29	0.010
[redacted]			
0.64	5	0.29	0.01
0.40	<2	0.29	0.010
<1.00	<2	<0.27	0.012
0.43	<2	<0.27	0.011
<1.00	2	<0.27	0.017
2.16	<2	<0.27	0.026
<1.00	6	<0.27	0.058
<1.00	3	<0.295	0.035
1.62	3	<0.295	0.020
0.96	—	<0.295	0.048
1.45	—	<0.295	0.028
1.18	—	<0.295	0.030
1.39	<2	<0.295	0.037
1.29	<2	<0.295	0.033
1.48	<2	<0.295	0.029
1.37	<2	<0.295	0.027
1.16	—	<0.295	0.039
1.26	<2	<0.295	0.022
1.21	—	<0.295	0.027
1.13	—	<0.295	0.026
1.04	<2	<0.295	0.026
1.87	<2	<0.295	0.023
1.81	2	<0.295	0.019
2.17	—	<0.295	0.032
<1.00	<2	<0.295	0.013
0.86	<2	0.37	0.016
0.87	<2	<0.295	0.012

0.75	<2	<0.295	0.014
0.71	—	<0.295	0.016
<1.00	<2	<0.295	0.010
0.66	—	<0.295	0.006
1.17	<2	<0.295	0.011
0.94	<2	<0.295	0.016
[redacted]			
0.64	<2	<0.295	0.013
0.72	<2	<0.295	0.012
0.69	<2	<0.295	0.014
0.87	<2	<0.295	0.021
0.70	—	<0.295	0.018
0.47	<2	0.097	0.009
0.35	<2	0.042	0.012
0.58	<2	0.056	0.012
<0.30	3	<0.039	0.008
0.65	<2	0.074	0.013
0.62	<2	0.194	0.008
0.63	<2	0.190	0.007
0.90	6	0.093	0.026
0.77	<2	0.083	0.036
0.83	<2	<0.039	0.035
0.34	<2	0.227	0.048
0.99	<2	0.243	0.037
0.92	<2	0.153	0.045
0.88	<2	0.185	0.036
0.94	<2	0.157	0.035
0.71	<2	0.134	0.022
0.86	<2	0.094	0.022
0.90	<2	0.062	0.016
1.01	3	0.068	0.025
<0.30	<2	0.021	0.012
1.51	<2	0.135	0.024
1.28	<2	<0.039	0.015
1.24	<2	0.047	0.046
1.72	<2	<0.039	0.048
0.80	6	0.083	0.028
1.17	<2	0.057	0.023
1.94	5	0.120	0.039
1.17	<2	0.167	0.025
1.12	<2	0.154	0.019
0.90	<2	0.197	0.023
0.93	<2	0.189	0.023
0.79	<2	0.210	0.021
0.72	<2	0.189	0.021
0.33	<2	0.237	0.014
0.93	<2	0.220	0.015
0.76	<2	0.189	0.016
[redacted]			
1.12	<2	0.336	0.017

1.36		<2		0.332		0.017
1.41		<2		0.145		0.011
0.83		<2		0.081		0.010
0.79		<2		0.098		0.009
1.00		<2		0.047		0.015
1.02		<2		0.055		0.015
0.72		<2		0.098		0.026
1.40		<2		0.136		0.033
0.67		<2		0.136		0.022
1.37		<2		0.072		0.032
1.19		<2		0.038		0.043
1.24		<2		0.021	J-R	0.043
1.34		<2		<0.017		0.039
1.39		<2		<0.017		0.039
1.03		<2		0.027	J-R	0.052
1.06		<2		0.032	J-R	0.053
0.56		<2		0.131		0.035
1.00		<2		0.117		0.025
0.87		<2		0.077		0.027
0.72		<2		0.072		0.028
0.79		<2		0.063		0.021
0.76		<2		0.050		0.022
0.85		<2		0.108		0.029
<0.30		<2		0.099		0.029
2.80		<2		0.108		0.024
3.60		<2		0.095		0.025
1.15		<2		0.054		0.014
2.48		3		0.086		0.025
1.85		3		0.086		0.029
1.22		3		0.050		0.025
2.00		<2		0.032	J-R	0.029
1.99		<2		0.054		0.030
1.52		<2		<0.017		0.020
1.24		<2		0.077		0.019
1.12		<2		0.137		0.010
0.76		<2		0.412		0.032
[redacted]						
0.91	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.148	J-QC/FSL/FMS	0.023
0.95	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.138	J-QC/FSL/FMS	0.022
0.96	BJ-QC/FBK/FFBFLS	<2	K	0.046		0.022
1.26	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.167		0.015
1.35	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.146		0.014
2.02	BJ-QC/FBK/FFBFLS	<2	K	0.151		0.047
1.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.031	J-RJ-QC/FFD/RPOFMS	0.013
1.37	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.047	J-QC/FFD/RPOFMS	0.013
1.21	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.027
1.17	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.141		0.045
1.02	B/FBK	<2	K	0.099		0.038
1.00	B/FBK	<2	K	0.110		0.040
1.18		<2	K	0.136		0.030

0.83		<2	K	0.115		0.016
0.84		<2	K	0.094		0.017
0.92	BJ-QC/FBK/FLS	<2	K	<0.018	K	0.014
0.98	BJ-QC/FBK/FLS	<2	KJ-QC/FFD/RPO	0.020	J-R	0.016
1.02	B/FBK	3	J-QC/FFD/RPO	0.025	J-R	0.017
1.29	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	KJ-QC/FFD/RPO	0.019
1.25	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.020	J-RJ-QC/FFD/RPO	0.020
1.40	BJ-QC/FBK/FFB	<2	K	0.107		0.012
1.12	J-QC/FLS	<2	KJ-QC/FLS	<0.018	K	0.020
1.11	J-QC/FLS	<2	KJ-QC/FLS	<0.018	K	0.019
1.44	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.017
1.47	BJ-QC/FBK/FFBFLS	<2	K	0.020	J-RJ-QC/FFD/RPO	0.014
1.42	BJ-QC/FBK/FFBFLS	<2	K	<0.018	KJ-QC/FFD/RPO	0.014
1.46	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.020
1.37	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.019
1.17	BJ-QC/FBK/FFBFLDRPO	<2	K	0.046	J-QC/FSL	0.014
4.03	BJ-QC/FBK/FFBFLS	3	J-QC/FFB	<0.018	K	0.017
4.04	BJ-QC/FBK/FFBFLS	3	J-QC/FFB	<0.018	K	0.019
1.11	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.020	J-R	0.012
0.85	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.018	K	0.013
0.84	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.018	K	0.012
1.27	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.017
1.27	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.016
1.32	BJ-QC/FBK/FFBFFDRPO	<2	K	0.102		0.009
1.84	BJ-QC/FBK/FFBFFDRPO	<2	K	0.086		0.008
[redacted]						
1.14	BJ-QC/FBK/FFBFLS	<2	K	0.142		0.012
1.10	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FFD/RPO	0.140		0.031
0.98	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.080		0.0105
1.03	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.075		0.0097
1.38	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0175	K	0.0046
2.00	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.075	J-QC/FSL	0.0124
1.98	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	—	A	0.0133
1.82	BJ-QC/FBK/FFB	<2	K	<0.0175	KJ-QC/FMS	0.0154
1.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0175	K	0.0258
1.83	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.025	J-R	0.0241
1.91	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.030	J-R	0.0242
2.50	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0175	KJ-QC/FFD/RPO	0.0275
1.96	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.055		0.0376
2.08	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0179
2.16	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0197
2.27	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	4	J-QC/FLS	0.075		0.0328
2.00	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	4	J-QC/FLS	0.065		0.0336
3.41	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.020	J-RJ-QC/FFD/RPOFMS	0.0489
3.36	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.030	J-RJ-QC/FFD/RPOFMS	0.0514
2.31	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.166	J-QC/FSL	0.0220
2.38	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.151	J-QC/FSL	0.0230
1.99	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.037		0.0252
2.41	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.031	J-R	0.0272
1.75	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.152		0.0227

1.49	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.142		0.0214
1.44	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.037		0.0282
1.51	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.042		0.0286
1.63	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FFD/RPOFLS	0.100	J-QC/FFD/RPO	0.0373
1.78	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.142		0.0173
1.85	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.037	J-QC/FFD/RPO	0.0202
1.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.026	J-RJ-QC/FFD/RPO	0.0202
1.45	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	KJ-QC/FMS	0.0235
1.72	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.068		0.0202
1.34	BJ-QC/FBK/FFB	<2	K	0.042		0.0243
1.80	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.084		0.0427
1.93	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.073		0.0424
1.54	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.068	J-QC/FFD/RPO	0.0146
1.81	BJ-QC/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	K	0.0129
1.90	BJ-QC/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	K	0.0138
1.89	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.065		0.0085
[redacted]						
1.47	BJ-QC/FBK/FFBFLS	<2	K	0.070		0.0263
1.34	BJ-QC/FBK/FFBFLS	<2	K	0.086		0.0250
1.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0293	K	0.0449
1.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0293	K	0.0451
1.66	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.209		0.0122
1.48	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0293	J-RJ-QC/FMS	0.0117
1.69	BJ-QC/FBK/FFBFLS	<2	K	0.147		<0.0014
1.83	BJ-QC/FBK/FFBFLS	<2	K	0.131		<0.0014
1.72	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.120		0.0159
1.45	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.180		0.0216
1.47	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.185		0.0198
1.52	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.044	J-R	0.0145
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.076		0.0240
1.53	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.049	J-R	0.0321
1.50	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.054	J-R	0.0331
1.74	BJ-QC/FBK/FFBFLS	<2	K	0.054	J-R	0.0343
1.89	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.038	J-R	0.0212
1.87	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.033	J-R	0.0209
1.47	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	0.120		0.0173
1.64	BJ-QC/FBK/FFBFLS	<2	K	0.053	J-R	0.0364
1.98	BJ-QC/FBK/FFB	4		0.343		0.0480
2.01	BJ-QC/FBK/FFB	3		0.338		0.0497
1.58	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.076		0.0195
1.93	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0293	KJ-QC/FFB	0.0173
1.89	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0293	KJ-QC/FFB	0.0169
1.80	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.256	J-QC/FFD/RPO	0.0148
1.47	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.054	J-R	0.0064
1.52	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.065		0.0059
1.63	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.054	J-RJ-QC/FMS	0.0140
1.45	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.152		0.0134
1.11	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	3	J-QC/FFD/RPOFLS	0.159		0.0148
1.53	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FFD/RPOFLS	0.170		0.0145
1.27	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	0.051	J-R	0.0127

2.24	BJ-QC/FBK/FFBFLS	<2	K	0.041	J-R	0.0110
3.00	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.159	J-QC/FFB	0.0118
1.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.087	J-QC/FMS	0.0206
[redacted]						
1.54	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.041	J-R	0.0238
1.43	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.180		0.0165
2.05	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.095	J-QC/FSL/FMS	0.0279
2.20	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.063	J-R	0.0289
1.87	BJ-QC/FBK/FFBFLS	3		0.136		0.0724
2.90	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.183	J-QC/FMS	0.0370
1.57	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.146	J-QC/FMS	0.0563
1.76	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.167		0.0316
1.79	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.152		0.0313
1.88	BJ-QC/FBK/FFBFLDRPO	<2	K	0.167	J-QC/FSL	0.0445
1.45	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.105	J-QC/FFD/RPOFMS	0.0265
2.03	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	<0.0378	KJ-QC/FFD/RPO	0.0265
1.44	BJ-QC/FBK/FFB	<2	K	<0.0378	K	0.0199
1.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.058	J-RJ-QC/FSL/FMS	0.0289
1.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.063	J-RJ-QC/FSL/FMS	0.0279
1.80	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.074	J-R	0.0211
1.63	BJ-QC/FBK/FFBFLS	<2	K	0.090		0.0281
1.93	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.106	J-QC/FMS	0.0218
1.97	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	0.058	J-RJ-QC/FMS	0.0221
1.83	BJ-QC/FBK/FFBFLS	<2	K	0.095		0.0181
1.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.079		0.0184
1.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.095		0.0205
1.41	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.048	J-RJ-QC/FMS	0.0155
1.95	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.069	J-R	0.0274
1.65	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.063	J-RJ-QC/FSL	0.0137
1.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FFD/RPO	0.0152
1.59	BJ-QC/FBK/FFBFLS	<2	K	0.106	J-QC/FMS	0.0163
1.49	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.053	J-R	0.0152
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.270		0.0331
[redacted]						
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.088	J/LLS	0.0196
—	NA	<2	KJ-QC/FMS	0.148	J/LLS	0.0188
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.029	J-RJ-QC/LLS/FMS	0.0122
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0211
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—

—	NA	3	J-QC/FMS	0.057	J-QC/LLS/FFDRPO	0.0395
—	NA	<2	KJ-QC/FMS	0.363	J-QC/LLS/FMS	0.0443
1.96	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.131	J-QC/LLS/FMS	0.0335
1.88	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.375	J-QC/LLS/FFDRPOFSL	0.0451
1.89	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.085	J-QC/LLS/FSLFMS	0.0177
1.68	BJ-QC/FBK/FLS	<2	KJ-QC/FMS	0.108	J-QC/LLS/FSLFMS	0.0348
1.79	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.057	J-QC/LLS/FFDRPOFMS	0.0170
1.66	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.102	J-QC/LLS/FFDRPOFMS	0.0189
1.98	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.091	J/LLS	0.0175
1.87	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	KJ-QC/FSL	0.0208
1.76	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	K	0.0228
1.51	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	K	0.0269
1.54	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	<0.0911	K	0.0152
1.70	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0116
1.64	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0133
1.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0095
1.83	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0147
1.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0250
1.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0130
1.27	3J-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.145	J-R/LLS	0.0164
1.28	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	0.096	J-R/LLS	0.0175
1.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0301
1.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.201	J/LLS	0.0163
1.40	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.185	J/LLS	0.0165
1.43	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.196	J/LLS	0.0171
[redacted]						
1.88	BJ-QC/FBK/FFBFMS	<2	K	0.250	J-QC/LLS/FFB	0.0140
1.68	BJ-QC/FBK/FFBFMS	<2	K	0.102	J/LLS	0.0188
1.48	BJ-QC/FBK/FFB	<2	K	0.080	J-QC/LLS/FFB	0.0064
1.52	BJ-QC/FBK/FFBFLDRPO	<2	K	0.358	J/LLS	0.0099
1.68	BJ-QC/FBK/FFBFFDRPO	<2	K	0.063	J/LLS	0.0162
1.57	BJ-QC/FBK/FFBFLDRPO	<2	K	0.188	J-QC/LLS/FSL	0.0239
1.15	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FLS	0.119	J/LLS	0.0239
1.90	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.188	J/LLS	0.0332
1.95	BJ-QC/FBK/FFBFMS	<2	K	0.114	J/LLS	0.0263
1.98	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.028	J-R/LLS	0.0191
3.29	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0177
1.12	BJ-QC/FBK/FFB	<2	K	<0.0267	K	0.0246
1.92	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0267	KJ-QC/FSL	0.0194
1.88	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0267	KJ-QC/FSL	0.0195
1.99	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	<0.0267	KJ-QC/FSL/FMS	0.0170
1.79	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC	<0.0267	KJ-QC/FMS	0.0431
1.86	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC	<0.0267	KJ-QC/FMS	0.0411
1.81	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0143
1.48	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0145
1.33	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0144
1.76	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FMS	0.0150
1.64	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0156
1.69	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0251
1.59	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.085	J-QC/LLS/FSL	0.0243

1.75	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.130	J-QC/LLS/FFB	0.0187
1.20	BJ-QC/FBK/FFBFMS	<2	K	0.064	J/LLS	0.0141
2.95	BJ-QC/FBK/FFBFLDRPOFMS	4		0.098	J/LLS	0.0250

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	1.11	0.150	0.10	1.93
	0.89	0.136	0.11	1.77
[redacted]				
	1.23	0.112	0.10	1.45
	1.44	0.118	0.12	8.88
	1.78	0.167	0.14	3.23
	1.33	0.149	0.09	6.06
	1.34	0.164	0.14	9.6
	1.59	0.242	0.16	4.3
	1.33	0.243	0.13	6.41
	1.05	0.231	0.21	5.34
	1.64	0.286	0.39	7.6
	1.83	0.392	0.27	8.7
	1.72	0.260	0.27	3.6
	2.48	0.508	0.64	42.1
	1.95	0.296	0.25	30.7
	2.57	0.349	0.34	10.8
	1.92	0.522	0.41	62.0
	1.57	0.576	0.43	23.7
	1.79	0.343	0.36	3.78
	1.39	0.333	0.07	5.68
	1.29	0.274	0.24	2.04
	2.45	0.428	0.42	1.01
	1.79	0.154	0.29	1.63
	1.40	0.363	0.25	6.18
	2.54	0.289	0.28	1.32
	1.73	0.229	0.27	1.84
	0.75	0.257	0.18	4.70
	2.14	0.264	0.41	1.83
	0.95	0.168	0.16	2.23
	2.75	0.387	0.37	<0.46
	2.84	0.443	0.42	1.63
	1.73	0.254	0.25	2.85
	0.78	0.291	0.19	5.42
	0.80	0.085	0.12	1.86
[redacted]				
	0.95	0.089	0.10	2.16
	2.19	0.186	0.22	1.82
	1.40	0.183	0.21	4.95
	1.80	0.158	0.16	3.22
	1.54	0.120	0.13	8.95
	0.57	0.063	0.07	7.93
	1.25	0.184	0.14	19.53
	1.81	0.223	0.20	10.81
	2.00	0.252	0.22	26.33
	2.25	0.257	0.28	6.78

2.96	0.403	0.39	—
2.55	0.422	—	—
2.81	0.388	0.42	—
1.95	0.468	0.42	—
2.62	0.513	—	—
1.53	0.326	—	—
—	—	—	—
1.87	0.504	0.51	—
1.65	0.565	0.41	—
0.97	0.588	0.45	—
2.61	0.526	0.47	—
2.87	0.521	0.51	—
3.00	0.456	0.43	—
1.98	0.486	0.38	—
3.26	0.501	0.49	—
3.57	0.519	0.45	—
0.78	0.330	0.29	—
1.05	0.159	0.17	—
2.38	0.250	0.23	—
1.49	0.190	0.24	—
1.67	0.230	0.19	—
1.38	0.130	0.12	—
[redacted]			
1.17	0.05	0.08	—
0.97	0.12	0.05	—
1.05	0.083	0.14	—
1.66	0.155	0.12	—
2.47	0.185	0.19	—
2.65	0.253	0.23	—
2.58	0.327	0.27	—
2.08	0.330	0.30	—
1.43	0.256	0.24	—
1.91	0.320	—	—
1.15	0.242	—	—
1.20	0.246	—	—
1.65	0.272	0.28	—
0.84	0.198	0.18	—
1.50	0.239	0.22	—
1.84	0.268	0.23	—
1.27	0.172	—	—
0.91	0.302	0.30	—
0.67	0.334	—	—
1.50	0.325	—	—
1.26	0.277	0.27	—
2.91	0.377	0.38	—
2.56	0.661	0.33	—
2.57	0.436	0.43	—
0.83	0.185	0.19	—
1.73	0.272	0.25	—
1.90	0.218	0.19	—

2.42	0.280	0.26	—
5.80	0.298	0.29	—
1.03	0.210	0.15	—
0.68	0.118	0.12	—
1.34	0.149	0.13	—
2.40	0.236	0.24	—
[redacted]			
1.05	0.139	0.20	4.6
1.62	0.164	0.09	3.5
2.96	0.240	0.18	2.1
2.74	0.226	0.21	6.1
2.24	0.148	0.12	4.7
0.808	0.096	0.06	29.7
1.47	0.167	0.09	23.4
1.40	0.139	0.02	20.1
0.541	0.090	0.05	134.6
0.593	0.100	0.08	83.4
0.849	0.113	0.10	20.4
0.744	0.121	0.10	20.7
1.80	0.240	0.16	28.9
2.10	0.324	0.19	6.6
2.20	—	0.24	22.4
1.51	0.284	0.22	5.2
3.07	0.281	0.28	8.1
2.93	0.372	0.35	12.9
2.56	0.309	0.29	19.5
2.40	0.321	0.27	19.7
1.78	0.320	0.29	10.7
1.79	0.360	0.30	10.2
1.54	0.299	0.24	6.4
1.97	0.354	0.25	6.6
0.519	0.244	0.17	7.7
1.65	0.330	0.30	6.5
2.31	0.287	0.25	7.5
4.55	0.402	0.32	6.4
4.28	0.412	0.33	6.1
2.38	0.33	0.29	3.2
4.35	0.42	0.40	4.8
3.37	0.57	0.37	4.6
1.88	0.30	0.29	6.5
1.82	0.32	0.26	6.5
2.67	—	—	<3.0
2.44	—	—	<3.0
2.54	0.35	0.31	<3.0
2.56	0.40	0.34	<3.0
1.66	0.23	0.20	<3.0
1.64	0.20	0.19	<3.0
1.81	0.36	0.19	3.4
[redacted]			
0.939	0.21	0.16	3.5

	1.00		0.20		0.12	3.9
	1.04		0.07		0.06	3.7
	0.565		0.07		0.06	4.9
	0.593		0.06		0.05	5.1
	1.54		0.12		0.14	5.0
	1.54		0.13		0.13	5.2
	1.49		0.19		0.18	5.2
	1.08		0.28		0.13	2.4
	0.550		0.28		0.16	6.2
	1.61		0.34		0.20	5.6
	2.40		0.28		0.37	4.9
	2.39		0.25		0.23	4.7
	2.30		0.25		0.25	6.4
	2.37		0.27		0.23	4.1
	2.37		0.38		0.36	2.7
	2.37		0.36		0.33	2.7
	1.89		0.28		0.27	3.2
	1.91		0.27		0.26	2.7
	2.81		0.36		0.35	2.9
	2.82		0.34		0.33	3.9
	1.78		0.37		0.34	9.9
	1.81		0.35		0.32	9.9
	2.86		0.40		0.38	4.2
	2.86		0.39		0.37	4.4
	1.17		0.38		0.37	10.3
	1.26		0.32		0.32	10.8
	1.66		0.35		0.33	20.1
	2.06		0.38		0.33	10.9
	2.03		0.36		0.29	86.4
	2.03		0.34		0.22	4.1
	2.27		0.42		0.40	6.4
	3.45		0.36		0.38	4.9
	1.89		0.41		0.35	3.8
	1.25		0.30		0.31	3.8
J-R	1.76		0.23		0.20	4.6
	1.13		0.23		0.21	4.5
[redacted]						
	2.00	J-QC/FFB	0.20		0.19	3.8
	2.02	J-QC/FFB	0.19		0.19	3.8
	2.53	J-QC/FLS	0.18		0.16	3.7
	1.09	J-QC/FFD/RPO	0.28	J-QC/FFB	0.12	3.8
	0.749	J-QC/FFD/RPO	0.25	J-QC/FFB	0.11	3.8
	2.14		0.26		0.23	4.2
	0.638		0.21		0.16	<2.4
	0.628		0.18		0.15	<2.4
	1.51		0.18		0.17	<2.4
	2.69		0.28		0.23	0.7
	2.37	J-QC/FFB	0.25		0.26	0.7
	2.39	J-QC/FFB	0.24		0.24	0.7
	0.913		0.22		0.23	J-QC/FFD/RPO 3.3

	0.746		0.14		0.10		2.2
	0.747		0.13		0.10		2.0
J-HT/EHT	—	NAPQNS	0.07	J-QC/FFD/RPO	0.15		11.9
	1.79	J-QC/FFB	0.23		0.19		10.7
	1.81	J-QC/FFB	0.21		0.17		11.0
J-QC/FFB	2.01	J-QC/FFB	0.26		0.24		3.3
J-QC/FFB	1.96	J-QC/FFB	0.26		0.24		3.4
	1.09		0.27	J-QC/FFB	0.15		3.6
	1.61		0.25		0.22		1.3
	1.60		0.24		0.21		1.6
J-QC/FFB	1.70		0.24		0.21		1.4
	1.22	J-QC/FFB	0.18		0.17		2.0
	1.23	J-QC/FFB	0.17		0.16		2.4
	1.75		—	NAP	—	NAP	2.1
	1.75		—	NAP	—	NAP	2.1
J-QC/FFB	2.66		0.24		0.23		4.0
	2.57		0.22	J-QC/FFD/RPO	0.24		0.6
	2.54		0.16	J-QC/FFD/RPO	0.24		0.6
J-QC/FFB	2.89	J-QC/FFB	0.29		0.23		1.0
	2.76		0.32		0.28		1.5
	2.92		0.29		0.28		1.6
	1.93		0.22		0.22		1.4
	1.98		0.20		0.22		1.4
	0.746		0.16	J-QC/FFD/RPO	0.08		1.6
	0.716		0.11	J-QC/FFD/RPO	0.07		1.5
[redacted]							
	0.960		0.12		0.09		1.1
J-QC/FFB	0.913		0.09		0.07		2.8
J-R	0.903		0.10		0.05		16.0
J-R	0.936		0.11		0.05		15.9
J-R	0.566		0.08		0.06		28.7
	0.885		0.17		0.13		7.4
	—	A	0.18		0.13		9.0
	1.39		0.23	J-QC/FFD/RPO	0.20	J-QC/FFD/RPO	4.6
J-QC/FFB	1.64		0.22		0.18		10.5
	2.15		0.24		0.17	J-QC/FLS	7.3
	2.09		0.23		0.15	J-QC/FLS	7.3
	1.24		0.20		0.12		82.8
J-QC/FFB	2.36		0.30		0.25		9.7
	2.12		0.29		0.25		27.3
	2.13		0.29		0.22		30.2
	2.396		0.37		0.30		86.8
	2.53		0.34		0.30		99.6
	1.70		0.44		0.33		110.8
	1.77		0.42		0.30		93.6
	1.57		0.35		0.30		15.1
	1.75		0.32		0.29		19.4
	1.68		0.38		0.34		10.2
	1.71		0.36		0.34		11.8
	2.83		0.30		0.25		15.3

	2.85		0.29		0.24		14.3
	2.26		0.37		0.33		7.2
	2.46		0.35		0.31		10.8
	2.63		0.35		0.31		4.3
	1.40		0.31		0.27		48.8
	2.21		0.30		0.28		1.4
	2.07		0.31		0.28		1.7
	3.51		0.35		0.32		3.5
	1.78		0.38	J-QC/FLS	0.36		<1.3
	3.24		0.31		0.28		<1.3
	2.72		0.39		0.33	J-QC/FLS	1.6
	2.75		0.36		0.30	J-QC/FLS	1.5
	1.17		0.31		0.22		8.3
	3.59		0.39		0.36		4.6
	3.47		0.37		0.35		4.4
J-R	1.22		0.22		0.14		3.2
[redacted]							
	2.4500		0.24		0.21		1.8
	2.4400		0.26		0.20		2.5
	2.1200		0.28	J-QC/FFB/FFDRPO	0.17		6.2
	2.2300		0.40	J-QC/FFB/FFDRPO	0.15		7.4
	0.4302		0.32		0.23	J-QC/FLS	9.6
	1.5386	J-QC/FLS	0.12		0.09		11.1
KJ-QC/FFB	0.7244		0.11		0.08		9.0
KJ-QC/FFB	0.7278		0.10		0.07		9.1
	1.2254		0.15		0.11		8.3
	1.0200		0.23		0.17		14.5
	1.2100		0.24		0.17		12.0
J-QC/FFD/RPO	0.7639		0.12		0.10		3.3
J-QC/FFB	1.1926	J-QC/FLS	0.23		0.19		13.2
	1.9453		0.27		0.24		5.42
	2.3831		0.27		0.23		1.94
	1.7998	J-QC/FLS	0.23		0.18		2.8
J-QC/FFB	0.9709		0.17		0.13		7.5
J-QC/FFB	0.9394		0.19		0.16		8.8
J-QC/FFB	0.8266		0.13	J-QC/FFB/FLDRPO	0.14		4.5
J-QC/FFB	1.3965		0.19	J-QC/FLD/RPO	0.16		9.6
J-QC/FFB	1.9872	J-QC/FFB	0.31		0.27		15.1
J-QC/FFB	1.9866	J-QC/FFB	0.32		0.26		17.3
	2.1748		0.28		0.25	J-QC/FLS	10.2
	1.8780	J-QC/FFB	0.27		0.23		13.2
	2.1312	J-QC/FFB	0.24		0.20		12.8
	1.1039		0.24		0.16	J-QC/FFB	5.9
	0.5488		0.17	J-QC/FLS	0.15		2.6
	0.6598		0.17	J-QC/FLS	0.15		3.3
	0.5530		0.13	J-QC/FLD/RPOFLS	0.12	J-QC/FFB	1.79
	0.4127		0.12		0.09		2.06
J-QC/FFB	0.9675		0.15		0.14		2.31
J-QC/FFB	0.9512		0.16		0.14		2.65
	0.7530		0.15		0.10		2.06

	1.0932		0.11	J-QC/FFD/RPO	0.14		2.26
J-QC/FFB	1.0854		0.15		0.09		1.35
J-QC/FFB	1.0019		0.15		0.11		<0.913
[redacted]							
J-QC/FFB	1.7372		0.16	J-QC/FFD/RPO	0.13	J-QC/FFD/RPO	9.19
	1.7387		0.13		0.10		33.3
J-QC/FFB	1.4214		0.15	J-QC/FFD/RPO	0.11		13.0
J-QC/FFB/FFDRPOFLS	2.3535	J-QC/FFB	0.23		0.15		46.0
	2.0447		0.26	J-QC/FFD/RPO	0.20		2.59
J-QC/FFB	2.0470		0.24	J-QC/FFD/RPO	0.22	J-QC/FFD/RPO	7.55
J-QC/FFB	2.7777	J-QC/FLS	0.32		0.27		4.84
J-QC/FFB	1.2147		0.20		0.20		—
J-QC/FFB	1.2124		0.21		0.20		1.86
J-QC/FFB	1.2560		0.25	J-QC/FFD/RPO	0.21	J-QC/FFD/RPO	1.13
J-QC/FFB/FFDRPO	0.7846		0.18	J-QC/FFD/RPO	0.15		2.24
J-QC/FFB	1.6432		0.24		0.22		1.80
	1.4472		0.24	J-QC/FFD/RPO	0.21	J-QC/FFB	1.84
J-QC/FFB	2.2722	J-QC/FLS	0.25		0.24		1.69
J-QC/FFB	2.2730	J-QC/FLS	0.24		0.22		1.45
J-QC/FFB	2.3582		0.36	J-QC/FFB	0.32		3.75
	2.5922	J-QC/FFB	0.40	J-QC/FFB/FFDRPO	0.38	J-QC/FFB	27.2
J-QC/FFB	2.4075		0.34		0.27		0.61
	2.0040		0.25	J-QC/FFD/RPO	0.22	J-QC/FFB/FFDRPO	0.58
	2.1835	J-QC/FLS	0.32		0.30		1.05
J-QC/FFB	1.7844		0.28		0.23		2.17
J-QC/FFB	1.9798	J-QC/FLS	0.24		0.23		1.23
	2.8676		0.29	J-QC/FFD/RPO	0.27		2.22
	2.6911		0.32		0.28		1.22
J-QC/FFB	1.8293	J-QC/FFB	0.26	J-QC/FFD/RPO	0.25		1.11
	2.0599		0.24		0.22		1.98
J-QC/FFB	2.1297		0.27	J-QC/FFD/RPO	0.22		1.28
J-QC/FFB	3.4886	J-HT/EHT	0.42	J-QC/FFD/RPO	0.40		0.519
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
J-QC/FFB	2.1744		0.32		0.28		3.90
[redacted]							
[redacted]	1.4502	J-HT/EHT	0.18	J-QC/FFD/RPO	0.13	J-QC/FFD/RPO	2.45
J-HT/EHT	1.5827	J-QC/FFB	0.14	J-QC	0.12	J-QC	1.53
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
[redacted]	1.0233	J-QCJ-HT/FFB/EHT	0.10	J-QC/FFD/RPO	0.07	J-QC/FFD/RPO	3.51
NA	—	NA	—	NA	—	NA	—
[redacted]	0.9755	[redacted]	0.16	J-QC/FFD/RPO	0.12	J-QC	10.4
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—

[redacted]	2.2287	J-QC/FFB	0.23	J-QC	0.20	J-QC	9.14
J-HT/EHT	1.7197	J-HT/EHT	0.67	J-QC/FLD/RPOFMS	0.24	J-QC/FFD/RPO	29.4
J-QC/FFB/FFDRPO	1.4563	J-QC/FFB	0.29	[redacted]	0.18	[redacted]	0.854
J-QC/FFB	1.7351	J-QC/FFB	0.29	J-QC/FFD/FLDRPO	0.22	[redacted]	0.602
[redacted]	0.6828	[redacted]	0.17	J-QC	0.12	J-QC	1.56
[redacted]	1.1696	[redacted]	0.29	J-QC/FFD/RPO	0.23	[redacted]	0.901
[redacted]	0.5250	J-QC/FFB	0.18	J-QC/FFB	0.17	J-QC/FLD/RPO	2.26
J-QC/FFB	0.6873	[redacted]	0.15	J-QC/FLD/RPO	0.12	[redacted]	0.821
[redacted]	1.0213	J-QC/FFD/RPO	0.24	J-QC/FFD/FLDRPO	0.22	J-QC/FFD/FLDRPO	<0.231
[redacted]	0.9655	[redacted]	0.31	[redacted]	0.29	[redacted]	2.95
[redacted]	2.0950	[redacted]	0.20	J-QC/FFB/FMS	0.19	[redacted]	0.451
[redacted]	1.4979	[redacted]	0.18	[redacted]	0.16	[redacted]	2.73
[redacted]	1.5938	[redacted]	0.20	[redacted]	0.15	[redacted]	1.07
[redacted]	1.6018	J-QC/FFB	0.25	J-QC/FFD/RPO	0.22	[redacted]	1.42
[redacted]	1.4309	[redacted]	0.18	[redacted]	0.17	[redacted]	0.895
J/LLS	1.8697	J-QCJ-HT/FFB/EH1	0.21	[redacted]	0.20	J-QC/FFD/RPO	0.891
[redacted]	3.0333	[redacted]	0.27	J-QC	0.24	J-QC	0.847
J-QC/FFB	2.3816	J-QC/FLS	0.22	[redacted]	0.21	[redacted]	1.16
[redacted]	2.5259	[redacted]	0.31	[redacted]	0.29	J-QC/FFD/RPO	0.634
[redacted]	1.7204	J-QC/FFB	0.24	[redacted]	0.20	J-QC/FMS	1.90
J-QC/FFB	2.7231	J-QCJ-HT/FLS/EH1	0.28	J-QC/FFD/RPO	0.28	[redacted]	1.71
J-QC/FFB	3.4243	J-QCJ-HT/FLS/EH1	0.51	J-QC	0.47	J-QC/FFD/RPO	1.58
J-QC/FFB	4.9417	J-QC/FFB/FLS	0.54	J-QC/FFD/RPO	0.52	J-QC/FFD/RPO	1.61
J-QC/FFB	2.0917	[redacted]	0.26	[redacted]	0.24	[redacted]	2.72
J-QC/FFB	2.1211	[redacted]	0.26	[redacted]	0.24	[redacted]	2.59
[redacted]							
J-QC/FFB/FFDRPO	0.7831	J-QCJ-HT/FLS	0.13		0.10		3.25
J-QC/FFB	0.5359	J-QC/FLS	0.10	J-QC/FFB	0.06		2.78
J/LLS	0.3553		0.10	J-QC/FFB	0.06		7.06
J-QC/LLS/FFB	0.7507	J-QC/FFD/RPO	0.14	J-QC/FFB	0.09		4.52
	0.8946		0.13		0.10		9.13
	1.0729		0.16		0.14	J-QC/FFB	5.39
J-QC/FFB	1.5130	J-QC/FLS	0.19		0.13		13.9
J-QCJ-HT/FFB	1.4891		0.18		0.15		8.43
J-QC/FFB	0.8466		0.21	J-QC/FMS	0.15		6.30
J-QC/FFB	1.6010		0.18		0.14		39.0
J-QC/FFB	1.6745		0.22	J-QC/FFB	0.19		13.9
J-QC/FFB	1.3022		0.21	J-QC/FMS	0.17	J-QC/FMS	7.34
J-HT	1.2174		0.23		0.19		8.23
J-HT	1.2479		0.20		0.16		7.80
	1.9553	J-QC/FLS	0.22		0.18		15.8
J-QC	2.0512	J-QC/FLS	0.23		0.21		14.9
J-QC	2.0097	J-QC/FLS	0.23		0.21		15.2
	2.7479	J-HT	0.31		0.24		9.26
J-QC/FFD/RPO	2.9601		0.31		0.29		9.82
	3.2566		0.42		0.39		15.1
J-QC/FFB	2.6600		0.33		0.31		10.9
	3.2961		0.36	J-QC/FFB/FMS	0.32		7.28
J-QC/FFB	4.1821	J-HT	0.44	J-QC/FFB	0.41	J-QC/FFB	9.82
J-QC/FFB	4.3662		0.44		0.45		5.21

J-QC/FFB	3.4284	J-QC	0.46	J-QC	0.38	J-QC	2.79
J-QC/FFB	4.0913	J-QC/FLS	0.50	J-QC	0.43	J-QC	1.51
	1.2122		0.28		0.17		1.47

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	6.4	0.00	0.00
	5.3	0.36	0.36
[redacted]			
	0.6	0.00	0.00
	15.0	0.00	0.00
	4.5	0.00	0.00
	7.9	0.03	0.51
	4.0	0.16	0.16
	7.4	0.00	0.06
	7.6	0.09	1.26
	8.6	0.24	0.25
	3.3	0.00	0.03
	6.0	0.10	0.10
	3.9	0.00	0.05
	2.7	0.00	0.00
	3.3	0.00	0.00
	3.1	0.00	0.00
	9.1	0.00	0.00
	17.1	0.00	0.00
	8.1	0.00	0.00
	—	0.00	0.00
	10.5	0.00	0.18
	13.3	0.00	0.00
	9.0	0.45	0.69
	5.4	0.00	0.00
	4.9	0.00	0.00
	8.7	0.00	0.00
	8.3	0.00	0.00
	6.8	0.00	0.00
	7.9	0.00	0.00
	8.5	0.39	0.39
	4.5	0.00	0.00
	6.1	0.00	0.00
	6.2	0.00	0.00
	6.1	0.00	0.00
[redacted]			
	3.4	0.19	0.19
	4.1	0.00	0.00
	<0.5	0.13	0.77
	<0.5	0.00	0.12
	<0.5	0.00	0.00
	1.9	0.19	0.19
	0.8	0.00	0.00
	1.5	0.09	0.24
	<0.5	0.00	0.00
	0.9	0.00	0.00

<0.5	0.40	0.40	[redacted]
—	0.00	0.00	
<0.5	0.00	0.00	
4.4	0.04	0.54	[redacted]
—	0.83	0.83	
—	0.00	0.00	
—	0.00	0.00	
4.5	0.07	0.07	
4.1	0.00	0.00	
4.0	0.00	0.00	
4.6	0.00	0.08	
2.8	0.00	0.00	[redacted]
5.7	0.00	0.00	
2.8	0.00	0.00	
4.0	0.00	0.00	
3.1	0.00	0.12	
5.5	3.30	3.41	
6.0	0.80	0.80	
3.8	0.30	0.30	
8.9	0.00	0.00	[redacted]
8.0	0.00	0.00	
6.6	0.00	0.06	
[redacted]			
6.0	0.00	0.00	
4.8	0.00	0.00	
7.8	0.00	0.00	
4.1	0.00	0.00	
1.9	0.00	0.00	
2.9	0.00	0.00	
5.1	0.41	0.47	
3.5	0.00	0.00	
6.1	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
3.1	0.00	0.00	
6.1	0.02	0.02	
5.4	0.00	0.00	
3.0	0.00	0.00	
—	0.03	0.15	
13.2	2.05	2.10	
—	0.00	1.56	
—	0.00	0.00	
8.0	0.00	0.00	
6.7	0.00	0.00	
6.0	0.00	0.00	
5.6	0.62	1.01	
6.4	0.02	0.37	
6.7	0.00	0.00	
5.8	0.00	0.00	

5.0	0.00	0.00
13.0	1.86	1.86
5.1	0.00	0.00
4.0	0.00	0.00
2.1	0.00	0.00
1.8	0.00	0.00
[redacted]		
1.9	0.00	0.00
1.5	0.00	0.00
2.0	0.00	0.00
2.6	0.00	0.42
2.5	0.00	0.00
1.5	0.01	0.01
1.6	0.00	0.00
2.4	0.00	0.00
3.5	0.17	0.17
4.2	0.32	0.74
3.0	0.00	0.00
2.7	0.00	0.00
2.7	0.00	0.00
3.4	0.00	0.00
2.4	0.00	0.00
3.6	0.00	0.00
3.4	0.84	0.90
4.0	0.22	0.22
5.2	0.00	0.00
3.5	0.00	0.00
5.7	0.00	0.00
4.7	0.00	0.00
7.5	0.00	0.00
8.2	0.00	0.00
10.9	0.01	0.01
11.0	1.48	1.51
8.0	0.00	0.00
5.4	1.09	1.14
6.8	1.09	1.14
8.6	0.00	0.00
7.6	0.00	0.00
<0.5	0.07	0.65
5.1	0.00	0.00
4.7	0.00	0.00
—	0.00	0.00
—	0.00	0.00
7.0	0.30	0.30
7.2	0.30	0.30
6.9	0.00	0.61
8.5	0.00	0.61
4.3	0.00	0.00
[redacted]		
0.8	0.01	0.01

	2.1		0.01	0.01
	3.9		0.19	0.19
	3.6		0.00	0.00
	3.7		0.00	0.00
	4.3		0.00	0.00
	3.2		0.00	0.00
	5.7		0.00	0.00
J-R	6.9		0.00	0.48
	—		0.66	0.66
	6.6		0.00	0.14
	4.9		0.00	0.00
J-R	4.1		0.00	0.00
	6.4		0.28	0.28
J-R	4.3		0.28	0.28
J-R	10.6		0.00	0.04
J-R	5.5		0.00	0.04
J-R	5.5		0.14	0.15
J-R	5.4		0.14	0.15
J-R	4.9		0.00	0.02
J-R	4.5		0.00	0.02
	4.5		0.00	0.00
	3.5		0.00	0.00
J-R	5.2		0.00	0.80
J-R	4.1		0.00	0.80
	6.8		0.00	0.00
	6.5		0.00	0.00
	8.9		0.00	0.00
	7.2		0.00	0.00
	3.9		0.00	1.17
J-R	4.4		0.00	0.00
	4.9		0.00	0.00
	3.5		0.00	0.00
J-R	9.7		0.00	0.00
J-R	8.0		0.00	0.00
J-R	7.8		0.15	0.15
J-R	5.6		0.00	0.12
[redacted]				
J-R	5.1		0.05	0.05
J-R	5.1		0.05	0.05
J-R	5.5	J-QC/FFB	0.00	0.00
J-RJ-HT/EHT	6.5		0.00	0.00
J-RJ-HT/EHT	5.9		0.00	0.00
J-R	5.5		0.34	0.88
K	9.1		0.00	0.00
K	8.1		0.00	0.00
K	5.7		0.00	0.00
J-R	5.3		0.00	0.00
J-R	6.5		0.25	0.25
J-R	6.2		0.25	0.25
	7.4		0.01	0.68

	—	NAPEFAI/EQF	0.00	0.00
	—	NAPEFAI/EQF	0.00	0.00
	5.7		0.00	0.00
	5.8		1.44	1.44
	4.9		1.44	1.44
	5.7		3.33	3.33
	5.7		3.33	3.33
	7.9		0.00	0.00
J-R	10.6		0.00	0.41
J-R	9.8		0.00	0.41
J-R	6.0		1.13	1.13
	7.8	J-QC/FFB	0.00	0.01
	7.4	J-QC/FFB	0.00	0.01
	—	NAP	0.00	0.00
	—	NAP	0.00	0.00
	5.6	J-QC/FFB	0.00	0.00
J-R	5.7	J-QC/FFB	0.00	0.00
J-R	5.0	J-QC/FFB	0.00	0.00
J-R	5.0	J-QC/FFB	0.00	0.00
J-R	5.1		0.00	0.00
J-R	5.0		0.00	0.00
J-R	5.1	J-QC/FFB	0.00	0.00
J-R	4.8	J-QC/FFB	0.00	0.00
J-R	5.0	J-QC/FFB	0.00	0.00
J-R	5.3	J-QC/FFB	0.00	0.00
[redacted]				
J-R	5.90	J-QC/FFB	0.00	0.00
	6.10		0.00	0.00
	6.00	J-QC/FFB	0.00	0.00
	4.90	J-QC/FFB	0.00	0.00
	5.70		0.00	0.00
	6.82		0.03	2.06
	6.55		0.03	2.06
	6.39		0.00	0.00
	4.70	J-QC/FFB	0.00	0.00
	4.90		0.00	0.00
	4.95		0.00	0.00
	5.52		1.11	1.11
	4.51	J-QC/FFB	0.00	0.18
	6.02	J-QC/FFD/RPO	0.43	0.43
	3.94	J-QC/FFD/RPO	0.43	0.43
	5.70		0.00	0.00
	5.20		0.00	0.00
	4.90		1.09	1.09
	4.50		1.09	1.09
J-QC/FSL	5.40	J-QC/FFB	0.00	0.05
J-QC/FSL	4.70	J-QC/FFB	0.00	0.05
	4.40	J-QC/FFB	0.00	0.00
	4.40	J-QC/FFB	0.00	0.00
	4.40	J-QC/FFB	0.00	0.00

	4.00	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	5.00	J-QC/FFB	0.00	0.00
	5.00	J-QC/FFB	0.00	0.00
	5.00	J-QC/FFB	0.00	1.24
	5.40		0.02	0.36
J-R	5.20	J-QC/FFB	0.00	0.00
J-R	5.20	J-QC/FFB	0.00	0.00
	4.10	J-QC/FFB	0.00	0.00
K	5.00	BJ-QC/FBK/FFB	0.00	0.93
K	4.50	J-QC/FFB	0.00	0.00
J-R	5.10	BJ-QC/FBK/FFB	1.05	1.05
J-R	5.20	BJ-QC/FBK/FFB	1.05	1.05
	7.80		0.01	0.28
	6.50		0.50	0.50
	6.10		0.50	0.50
	8.10		0.00	0.00
[redacted]				
J-RJ-QC/FFD/RPO	5.2		0.00	0.00
J-RJ-QC/FFD/RPO	4.6		0.00	0.00
	5.9	J-QC/FFB	0.10	0.20
	5.2	J-QC/FFB	0.10	0.20
	5.0		0.00	0.17
	4.0		0.67	0.71
	6.5	B/FBK	0.00	0.00
	5.5	B/FBK	0.00	0.00
	5.6	BJ-QC/FBK/FFB	0.00	0.00
	5.0		0.64	0.76
	4.4		0.64	0.76
	6.2		0.00	0.03
	6.3	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.6	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	8.9	J-QC/FFD/RPO	0.00	0.00
	3.2	J-QC/FFD/RPO	0.00	0.00
	8.1	J-QC/FFB/FFDRPO	0.00	0.00
	5.2	J-QC/FFB/FFDRPO	0.00	0.00
	6.3	J-QC/FFB	0.00	0.00
	5.1	J-QC/FFB	0.00	0.00
	6.1	J-QC/FFB	0.00	0.39
	5.3	J-QC/FFB	0.00	0.39
	4.4	J-QC/FFB	0.00	0.28
	4.2	J-QC/FFB	0.00	1.32
	4.3	J-QC/FFB	0.00	1.32
	6.2	J-QC/FFB	0.22	0.23
	8.2		0.00	0.00
	7.9		0.00	0.00
J-R	10.7	J-QC/FFB	1.36	5.34
	7.0	J-QC/FFB	0.00	0.00
	6.8	J-QC/FFB	0.04	0.04
	5.6	J-QC/FFB	0.04	0.04
	5.8	J-QC/FFB	0.00	0.00

	5.3		0.01	0.01
J-R	4.7	J-QC/FFB/FFDRPO	0.00	0.00
KJ-QC/FFD/RPO	4.5		2.19	2.41
[redacted]				
	3.9		0.14	0.14
	4.5	J-QC/FFB	0.02	0.02
	3.5	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	3.5		0.00	0.00
	5.8		0.20	0.82
	4.8	J-QC/FFB	0.03	0.03
	4.8		0.73	0.76
NAPQNS	5.2	J-QC/FFB	0.46	0.86
J-QC/FSL	5.4	J-QC/FFB	0.46	0.86
J-QC/FSL	6.8	J-QC/FFB/FFDRPO	0.02	0.18
	4.5	J-QC/FFB	0.02	1.38
J-QC/FSL	5.2	BJ-QC/FBK/FFB	1.12	1.12
	6.1	B/FBK	0.00	0.00
	6.1	J-QC/FFD/RPO	0.00	0.95
	4.1	J-QC/FFD/RPO	0.00	0.95
J-QC/FSL	3.8	BJ-QC/FBK/FFB	0.00	0.00
	5.0		0.00	0.00
J-QC/FFD/RPO	6.3	J-QC/FFB	0.03	0.07
J-QC/FFB/FFDRPO	6.1	J-QC/FFB	0.00	0.00
	3.4		0.00	0.05
	2.8	J-QC/FFB/FFDRPO	0.00	0.00
	3.9	J-QC/FFB	0.00	0.00
J-QC/FSL	3.1	J-QC/FLD/RPO	0.12	0.62
J-QC/FFD/RPO	3.4	J-QC/FFB/FFDRPO	0.11	0.70
J-QC/FFD/RPO	3.5	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPOFSL	3.4		1.00	1.00
J-QC/FFD/RPOFSL	4.4		0.00	0.00
J-QC/FSL	3.9	J-QC/FFB	0.00	0.35
NA	—	NA	0.00	0.00
NA	—	NA	0.05	1.08
NA	—	NA	0.00	0.05
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFB/FFDRPO	5.7		0.00	0.00
[redacted]				
J-QC/FFB	4.46	J-QC/FFB/FFDRPO	0.70	0.81
J/LLS	4.19	J-QC/FFB	0.03	0.03
NA	—	NA	0.18	0.18
NA	—	NA	0.18	0.18
J-QC/FFB/FFDRPO	4.47	J-QC/FFB	0.20	0.20
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	4.6	J-QC	0.46	0.47
NA	—	NA	0.03	0.05
NA	—	NA	0.03	0.05
NA	—	NA	0.00	0.13

J-QC/FFD/RPO	4.5	J-QC	0.00	0.00
J-QC/FFD/RPO	6.3	J-QC	1.46	2.61
J/LLS	6.5	J-QC/FFD/FLDRPO	0.00	0.00
J-QC/LLS/FFDRPO	6.1	J-QC/FFB	0.53	0.53
J-QC/LLS/FFDRPO	7.7	J-QC/FFB	0.00	0.00
J-QC/LLS/FFDRPO	8.3	J-QC/FFB	0.00	0.00
J-QC/FFB	8.2	J-QC/FSL	0.00	0.04
J-QC/LLS/FFB	8.2	J-QC/FFB	0.00	0.14
K	8.4	J-QC/FFB	0.01	0.12
J-QC/FFB/FFDRPO	11.9	[redacted]	0.00	0.00
RJ-QC/LLS/FFBFFDRF	7.4	J-QC/FFB/FLDRPO	0.00	0.00
J-QC/FFB/FFDRPO	7.1	J-QC/FFB/FLDRPO	0.57	0.76
J-QC/LLS/FFDRPO	7.1	J-QC/FFD/RPO	0.00	0.02
J-QC/LLS/FFB	6.6	J-QC	0.00	0.00
J/LLS	7.0	J-QC	1.01	1.41
J-QC/LLS/FFB	6.2	[redacted]	0.00	0.00
J-QC/LLS/FFDRPO	—	NAPEFAI/EQF	0.01	0.04
J-QC/LLS/FFDRPO	4.0	[redacted]	0.00	0.05
J-QC/LLS/FFDRPO	3.8	[redacted]	0.00	0.00
J-QC/LLS/FFB	4.2	[redacted]	0.00	0.04
J-QC/LLS/FFB	3.8	[redacted]	0.00	0.00
J/LLS	4.58	J-QC	0.00	0.00
J/LLS	2.68	J-QC/FFD/RPO	0.00	0.03
	9.38	J-QC/FFD/RPO	0.00	0.00
	6.21	J-QC/FFD/RPO	0.00	0.00
[redacted]				
	4.1		0.00	0.00
	4.8		0.01	0.01
	5.9		0.00	0.00
	5.6	BJ-QC/FBK/FFB	0.00	0.00
	5.9	BJ-QC/FBK/FFB	0.00	0.00
	6.1		0.00	0.00
	6.5		0.99	0.99
	4.8	J-QC/FMS	0.00	2.46
	5.9		0.00	0.00
	5.2	J-QC/FFD/RPO	0.00	0.00
	3.8	J-QC/FMS	0.00	0.00
	5.1	J-QC/FMS	0.49	0.49
	4.1		0.73	1.48
	4.1		0.73	1.48
	3.8		0.00	0.00
J-QC	4.0		0.00	0.00
J-QC	3.6		0.00	0.00
	3.9		0.00	0.00
	4.9		0.00	0.00
	4.4		0.00	0.00
	3.4		0.03	0.03
	2.9		0.00	0.00
	2.8	J-QC/FLD/RPO	0.00	0.00
	2.8		0.00	0.00

	4.4	J-QC	0.37	0.37
J/LLS	4.8	J-QC	0.23	0.23
J/LLS	6.5	J-QC	1.59	1.59

Station #5 Dundee Dam	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 4, 2003	10:30	—	2.9	13.76
December 17, 2003	12:00	7.00	2.8	15.30
2004				
January 7, 2004	13:20	5.80	—	12.52
February 10, 2004	11:30	6.14	6.2	14.36
February 19, 2004	12:20	7.19	2.7	13.33
March 9, 2004	10:05	6.54	6.3	12.46
March 16, 2004	10:05	6.50	6.4	12.36
April 5, 2004	10:15	6.75	7.1	11.51
April 27, 2004	10:30	6.67	13.6	10.37
May 3, 2004	10:15	6.63	17.8	8.64
May 10, 2004	10:30	7.00	18.0	—
May 24, 2004	10:08	7.44	22.5	8.21
June 7, 2004	—	—	—	—
June 14, 2004	09:50	8.36	—	8.40
June 21, 2004	—	—	—	—
June 30, 2004	—	7.59	25.2	—
July 8, 2004	—	—	—	—
July 12, 2004	11:20	8.52	25.0	—
July 19, 2004	09:40	6.70	22.1	3.40
July 26, 2004	09:50	6.68	24.4	3.60
August 2, 2004	—	7.03	26.2	8.39
August 9, 2004	10:30	7.25	—	8.37
August 16, 2004	10:20	6.55	—	7.90
August 23, 2004	10:30	6.42	—	7.21
August 30, 2004	—	—	—	—
September 13, 2004	12:00	—	21.35	11.71
September 20, 2004	10:10	6.58	17.30	10.81
September 27, 2004	10:30	7.37	19.9	8.99
October 5, 2004	—	—	—	—
October 19, 2004	10:40	—	12.47	10.45
November 3, 2004	10:20	—	12.8	11.04
November 16, 2004	10:10	—	6.6	10.06
November 30, 2004	09:45	—	8.1	12.50
December 14, 2004	10:00	—	5.9	9.61
2005				
January 11, 2005	10:10	7.63	3.65	16.13
February 8, 2005	10:20	—	3.48	14.51
February 15, 2005	10:26	—	4.21	14.04
March 2, 2005	10:27	—	2.31	22.04
March 15, 2005	10:40	7.83	4.44	20.58
April 7, 2005	12:02	7.38	10.5	—
April 19, 2005	10:30	7.81	14.78	12.26
May 2, 2005	10:25	7.32	14.3	—
May 9, 2005	10:25	8.04	14.2	11.33
May 17, 2005	10:18	7.17	19.9	—

June 6, 2005	10:15	8.04	24.11	9.54
June 14, 2005	10:19	7.88	29.3	—
June 20, 2005	10:00	7.72	22.46	8.81
June 28, 2005	10:03	7.85	26.06	7.18
July 5, 2005	10:26	7.86	26.5	—
July 12, 2005	10:23	7.82	26.3	—
July 19, 2005	11:22	8.82	32.9	—
July 25, 2005	10:57	8.19	26.75	7.59
August 2, 2005	10:49	10.15	28.9	—
August 8, 2005	11:35	—	28.18	14.95
August 16, 2005	10:18	7.23	26.0	—
August 22, 2005	10:22	7.93	25.93	—
September 6, 2005	10:49	—	24.6	—
September 13, 2005	10:00	—	23.8	—
September 19, 2005	10:31	8.12	24.4	—
September 27, 2005	10:17	8.73	20.4	—
October 24, 2005	09:38	—	11.3	10.56
November 9, 2005	11:01	7.02	11.4	10.38
November 28, 2005	10:11	—	4.9	12.77
December 12, 2005	10:03	6.90	2.2	13.79
December 27, 2005	10:18	6.87	3.9	15.19
2006				
January 9, 2006	10:17	7.23	3.20	17.65
January 25, 2006	10:04	7.44	3.48	16.40
February 8, 2006	10:08	7.50	3.63	15.46
February 22, 2006	10:24	7.75	2.56	15.84
March 8, 2006	10:36	8.66	4.56	15.61
March 22, 2006	10:14	9.02	6.44	16.29
April 5, 2006	10:18	8.21	11.67	11.91
April 17, 2006	10:19	8.93	16.16	12.60
May 2, 2006	10:11	7.93	15.32	11.71
May 8, 2006	10:37	8.24	18.7	8.98
May 18, 2006	09:51	7.49	15.89	10.26
May 23, 2006	10:16	7.62	15.12	10.67
May 31, 2006	10:46	7.87	24.90	9.22
June 6, 2006	10:33	7.52	19.29	9.35
June 12, 2006	10:07	7.62	17.71	9.69
June 20, 2006	10:34	7.94	25.32	9.19
June 27, 2006	10:23	7.66	22.93	8.98
July 5, 2006	11:38	7.59	24.19	8.34
July 13, 2006	10:01	7.52	24.45	7.82
July 17, 2006	09:56	7.82	26.59	8.42
July 26, 2006	10:22	7.62	24.45	8.19
August 7, 2006	10:22	8.14	27.07	9.03
August 22, 2006	10:16	8.47	24.96	9.41
August 28, 2006	10:50	7.55	20.97	9.53
September 6, 2006	10:23	7.51	18.95	9.62
September 12, 2006	10:22	7.70	19.33	9.47
September 19, 2006	10:10	7.67	20.33	11.24
September 26, 2006	10:13	7.95	18.97	11.99

October 11, 2006		10:31	8.11	17.16	10.43
October 24, 2006		10:56	7.60	11.08	11.17
November 20, 2006		10:21	7.45	10.10	12.18
December 5, 2006		11:17	7.56	6.64	12.84
December 19, 2006		11:07	6.75	7.84	14.10
2007					
January 4, 2007		10:16	7.57	5.08	13.94
January 17, 2007		10:49	7.57	3.87	15.42
January 30, 2007		10:57	7.79	1.24	16.18
February 27, 2007		11:00	8.22	2.39	17.44
March 13, 2007		10:48	7.65	4.88	14.75
March 27, 2007		12:03	7.47	8.91	13.43
April 11, 2007		10:46	7.84	8.02	13.51
April 25, 2007		11:13	7.64	16.59	10.34
May 2, 2007		11:10	7.50	15.52	10.30
May 7, 2007		10:36	7.86	15.46	10.84
May 15, 2007	A	10:50	7.90	18.82	9.91
May 15, 2007	B	10:50	—	—	—
May 22, 2007		11:27	7.85	17.87	10.20
May 30, 2007		10:40	8.73	23.57	10.68
June 7, 2007		10:57	7.72	20.98	9.36
June 12, 2007		11:04	7.93	24.21	9.67
June 19, 2007	A	10:32	8.12	25.04	9.77
June 19, 2007	B	10:32	—	—	—
June 26, 2007		10:41	8.67	25.87	10.60
July 10, 2007		10:48	8.07	27.24	8.89
July 17, 2007	A	10:32	8.07	26.01	9.11
July 17, 2007	B	10:32	—	—	—
August 1, 2007		11:05	8.28	26.72	9.43
August 7, 2007	A	10:51	8.74	27.39	9.77
August 7, 2007	B	10:51	—	—	—
August 13, 2007		10:16	7.92	23.04	8.66
August 21, 2007		10:52	7.44	19.76	9.09
September 5, 2007		11:04	8.60	24.02	10.67
September 11, 2007		10:58	7.96	25.58	7.88
September 20, 2007		10:38	8.05	20.56	10.24
September 26, 2007	A	10:37	7.94	22.24	10.58
September 26, 2007	B	10:37	—	—	—
October 10, 2007		10:38	7.54	20.99	9.46
October 23, 2007		10:41	8.16	18.64	10.44
November 8, 2007		10:37	—	9.20	11.45
November 19, 2007		10:30	—	7.06	12.05
December 4, 2007		10:53	—	3.09	13.54
December 18, 2007		10:50	—	0.98	14.91
2008					
January 29, 2008		10:24	7.75	2.02	13.84
February 26, 2008	A	10:58	7.55	3.24	13.55
February 26, 2008	B	10:58	—	—	—
March 25, 2008		11:18	7.67	6.73	13.40
April 15, 2008		10:51	8.19	12.32	12.15

May 6, 2008		10:58	8.56		15.91		10.31
May 13, 2008		11:21	7.04		13.79		10.04
May 20, 2008		11:06	7.47		14.08		9.65
May 28, 2008	A	10:42	7.64		19.56		9.28
May 28, 2008	B	10:42	—		—		—
June 3, 2008		11:35	8.03		22.26		8.55
June 10, 2008		11:11	8.10		28.21		8.11
June 17, 2008		11:18	—		24.47		9.22
June 24, 2008		10:40	—		24.07		8.71
July 1, 2008		10:32	8.19		26.72		9.45
July 9, 2008		10:51	8.08		26.70		8.67
July 15, 2008		11:35	—		26.10		8.57
July 22, 2008		10:58	—		28.24		8.30
July 29, 2008	A	10:39	—		25.52		9.71
July 29, 2008	B	10:39	—		—		—
August 5, 2008		10:31	—		25.41		11.03
August 12, 2008	A	10:58	—		22.85		10.25
August 12, 2008	B	10:58	—		—		—
August 19, 2008		10:45	—		25.24		11.38
August 26, 2008	A	10:33	—		24.02		11.99
August 26, 2008	B	10:33	—		—		—
September 3, 2008		11:04	—		25.17		9.83
September 17, 2008		10:15	—		21.14		9.50
September 23, 2008	A	12:16	—		21.10		12.77
September 23, 2008	B	12:16	—		—		—
November 24, 2008		10:58	—		3.00		12.75
December 2, 2008	A	10:35	—		5.08		16.82
December 2, 2008	B	10:35	—		—		—
2009							
February 3, 2009		10:48	—	NAPEFAI/EQF	2.04		15.00
March 4, 2009	A	11:02	—	NAPEFAI/EQF	1.34		16.67
March 4, 2009	B	11:02	—		—		—
April 8, 2009		10:53	—	NAPEFAI/EQF	9.1		5.72
May 5, 2009	A	10:49	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
May 5, 2009	B	10:49	—		—		—
May 12, 2009		10:30	—	NAPEFAI/EQF	16.2		9.64
May 19, 2009	A	11:20	—	NAPEFAI/EQF	16.0		9.27
May 19, 2009	B	11:20	—		—		—
May 27, 2009		10:43	—	NAPEFAI/EQF	19.6		8.01
June 2, 2009		10:51	—	NAPEFAI/EQF	20.4		9.24
June 16, 2009	A	10:55	7.42		18.79		9.53
June 16, 2009	B	10:55	—		—		—
June 23, 2009		11:07	7.42		19.63		9.46
July 14, 2009	A	10:50	8.49		23.56		9.96
July 14, 2009	B	10:50	—		—		—
July 21, 2009		10:56	7.75		22.96		8.83
July 29, 2009		11:19	7.72		25.28		7.97
August 4, 2009	A	10:58	7.72		23.01		8.78
August 4, 2009	B	10:58	—		—		—
August 11, 2009		10:45	7.70		24.39		9.00

August 18, 2009	A	11:04	8.25		27.37		9.47
August 18, 2009	B	11:04	—		—		—
August 25, 2009		11:07	7.74		24.98		9.05
September 1, 2009		11:44	7.85		21.56		9.22
September 9, 2009		10:30	8.11		21.76		10.50
September 15, 2009		10:34	8.29		21.05		10.86
September 22, 2009	A	10:47	8.42		19.74		11.18
September 22, 2009	B	10:47	—		—		—
October 6, 2009		10:32	8.30		16.08		11.27
November 18, 2009		10:40	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 16, 2009		10:32	7.18		3.26		14.08
2010							
January 5, 2010	A	11:14	6.84		0.11		14.91
January 5, 2010	B	11:14	—	NA	—	NA	—
February 1, 2010		10:58	6.97		0.22		16.80
March 9, 2010		10:44	7.67		6.69		13.46
April 7, 2010	A	10:40	7.36		16.38		10.18
April 7, 2010	B	10:40	—	NA	—	NA	—
May 4, 2010		11:33	7.32		20.02		9.61
May 11, 2010	A	10:52	7.66		14.51		10.87
May 11, 2010	B	10:52	—	NA	—	NA	—
May 17, 2010		10:38	7.85		18.25		10.74
May 25, 2010		10:41	7.78		20.49		9.43
June 9, 2010	A	10:47	9.11		22.09		9.04
June 9, 2010	B	10:47	—	NA	—	NA	—
June 14, 2010		10:24	7.95		21.83		8.23
June 22, 2010		11:00	8.95		25.87		10.25
June 29, 2010		11:14	8.71		28.00		9.37
July 13, 2010		10:52	9.14		27.28		11.66
July 20, 2010		10:56	7.85		27.57		8.44
July 27, 2010		11:24	8.35		26.77		10.33
August 3, 2010		10:50	8.26		25.26		8.37
August 10, 2010		10:56	8.51		27.20		8.34
August 17, 2010	A	10:36	7.74		25.33		8.53
August 17, 2010	B	10:36	—	NA	—	NA	—
August 24, 2010	A	10:27	7.62		21.66		8.94
August 24, 2010	B	10:27	—	NA	—	NA	—
August 31, 2010		11:23	8.32		25.54		9.61
September 8, 2010	A	11:41	8.46		25.11		9.94
September 8, 2010	B	11:41	—	NA	—	NA	—
September 14, 2010	A	10:44	8.09		21.31		9.84
September 14, 2010	B	10:44	—	NA	—	NA	—
September 21, 2010		10:49	8.28		20.32		11.96
September 27, 2010		11:37	7.84		20.07		8.58
October 5, 2010	A	10:12	7.29		15.02		10.39
October 5, 2010	B	10:12	—	NA	—	NA	—
November 16, 2010		10:22	7.35		9.54		12.78
December 7, 2010	A	10:36	7.42		2.73		14.03
December 7, 2010	B	10:36	—	NA	—	NA	—
2011							

January 4, 2011		11:38	6.04		2.00		14.19
February 8, 2011		10:52	7.19		2.89		15.16
March 8, 2011	A	10:54	—	NAPEFAI/EQF	4.34		15.41
March 8, 2011	B	10:54	—	NA	—	NA	—
April 12, 2011	A	10:33	7.82		13.14		10.99
April 12, 2011	B	10:33	—	NA	—	NA	—
May 3, 2011		10:44	7.50		15.67		10.39
May 10, 2011	A	10:19	7.53		16.69		10.40
May 10, 2011	B	10:19	—	NA	—	NA	—
May 17, 2011		11:12	7.50		15.86		9.86
May 24, 2011	A	10:20	7.03		16.59		9.79
May 24, 2011	B	10:20	—	NA	—	NA	—
June 2, 2011		10:17	7.69		23.98		8.62
June 7, 2011		10:21	8.01		22.14		9.34
June 16, 2011	A	10:29	7.98		21.61		10.52
June 16, 2011	B	10:29	—	NA	—	NA	—
June 21, 2011		10:19	7.65		23.44		16.64
June 28, 2011	A	10:39	7.66		23.14		10.10
June 28, 2011	B	10:39	—	NA	—	NA	—
July 12, 2011	A	10:25	8.17		26.38		10.55
July 12, 2011	B	10:25	—	NA	—	NA	—
July 26, 2011		10:49	8.05		28.02		11.72
August 2, 2011	A	10:47	8.62		27.73		9.90
August 2, 2011	B	10:47	—	NA	—	NA	—
August 10, 2011		10:36	8.10		25.54		9.38
August 16, 2011	A	10:43	7.61		22.06		10.97
August 16, 2011	B	10:43	—	NA	—	NA	—
August 23, 2011		10:19	7.59		22.33		8.27
September 7, 2011		11:01	7.40		19.56		11.02
September 12, 2011	A	10:35	7.13		20.76		9.83
September 12, 2011	B	10:35	—	NA	—	NA	—
September 20, 2011		10:39	7.57		16.87		12.07
September 27, 2011	A	10:27	7.56		20.97		15.49
September 27, 2011	B	10:27	—	NA	—	NA	—
October 18, 2011		10:14	7.65		15.15		10.15
November 3, 2011		10:34	7.45		8.67		12.10
December 7, 2011	A	10:17	7.47		9.25		11.74
December 7, 2011	B	10:17	—	NA	—	NA	—
2012							
January 11, 2012		10:33	7.28		3.54		14.20
February 8, 2012	A	10:20	7.08		4.48		14.26
February 8, 2012	B	10:20	—	NA	—	NA	—
March 6, 2012		10:34	7.84		5.18		14.13
April 18, 2012		10:26	8.43		18.22		12.04
May 2, 2012		10:32	7.42		15.15		9.73
May 8, 2012		10:23	7.60		16.76		10.01
May 15, 2012	A	10:25	7.65		19.05		8.67
May 15, 2012	B	10:25	—	NA	—	NA	—
May 24, 2012		11:15	7.52		19.65		8.51
June 5, 2012		10:23	7.34		19.14		12.83

June 12, 2012	A	10:17	7.73		22.68		8.83
June 12, 2012	B	10:17	—	NA	—	NA	—
June 19, 2012		10:30	7.55		21.37		8.95
June 26, 2012		10:59	7.59		23.47		8.92
July 10, 2012	A	10:26	8.23		28.49		8.06
July 10, 2012	B	10:26	—	NA	—	NA	—
July 17, 2012		10:53	8.13		28.91		9.08
July 24, 2012	A	10:40	8.05		26.68		9.56
July 24, 2012	B	10:40	—	NA	—	NA	—
July 31, 2012		10:23	7.66		25.46		8.80
August 7, 2012	A	10:46	8.09		27.54		9.27
August 7, 2012	B	10:46	—	NA	—	NA	—
August 14, 2012		10:30	8.06		25.58		9.34
August 20, 2012	A	11:10	7.82		23.83		5.66
August 20, 2012	B	11:10	—	NA	—	NA	—
August 28, 2012		10:13	7.74		25.71		6.42
September 5, 2012		10:34	7.74		24.63		6.71
September 11, 2012		10:18	7.55		22.19		9.30
September 18, 2012	A	10:23	7.63		21.60		8.22
September 18, 2012	B	10:23	—	NA	—	NA	—
September 25, 2012		10:23	7.79		19.83		11.86
October 16, 2012		10:23	7.55		14.18		13.01
November 5, 2012		10:36	7.91		9.58		13.69
November 7, 2012		10:49	7.97		7.48		16.23
November 8, 2012		10:52	7.70		6.26		19.53
November 9, 2012		10:41	7.86		6.51		18.74
November 14, 2012		11:07	7.71		9.05		11.22
November 15, 2012		11:07	7.80		8.66		15.85
November 28, 2012	A	10:45	7.86		5.20		18.73
November 28, 2012	B	10:45	—	NA	—	NA	—
December 12, 2012		09:18	7.70		7.34		13.99
2013							
January 15, 2013		09:12	8.17		5.74		13.83
February 12, 2013		09:19	8.29		2.05		15.54
February 25, 2013		09:25	7.58		3.41		15.75
March 6, 2013		09:21	7.50		4.59		14.80
March 20, 2013	A	09:10	7.09		3.10		15.93
March 20, 2013	B	09:10	—	NA	—	NA	—
April 9, 2013		10:23	8.27		13.79		12.64
April 17, 2013		10:38	7.57		14.37		7.36
April 29, 2013	A	10:51	7.93		16.02		12.64
April 29, 2013	B	10:51	—	NA	—	NA	—
May 1, 2013		10:50	8.12		16.76		11.75
May 8, 2013		10:35	7.20		19.00		12.08
May 14, 2013	A	10:41	7.59		16.14		10.29
May 14, 2013	B	10:41	—	NA	—	NA	—
May 22, 2013		10:55	7.27		20.58		10.40
May 29, 2013		10:38	7.20		15.97		18.24
June 4, 2013		10:33	7.50		22.54		13.82
June 11, 2013	A	10:39	7.10		19.54		12.16

June 11, 2013	B	10:39	—	NA	—	NA	—
June 18, 2013	A	10:57	7.40	[redacted]	21.02	[redacted]	21.46
June 18, 2013	B	10:57	—	NA	—	NA	—
June 25, 2013		10:37	7.54	[redacted]	24.60	[redacted]	7.63
July 9, 2013		10:50	7.65	[redacted]	27.93	[redacted]	9.47
July 16, 2013	A	10:28	7.83	[redacted]	28.31	[redacted]	15.91
July 16, 2013	B	10:28	—	NA	—	NA	—
July 23, 2013		10:34	7.36	[redacted]	26.53	[redacted]	8.91
July 30, 2013	A	10:50	7.64	[redacted]	24.85	[redacted]	8.46
July 30, 2013	B	10:50	—	NA	—	NA	—
August 6, 2013		10:40	8.05	[redacted]	23.81	[redacted]	9.51
August 13, 2013	A	10:20	7.79	[redacted]	24.02	[redacted]	8.51
August 13, 2013	B	10:20	—	NA	—	NA	—
August 20, 2013		10:48	8.03	[redacted]	23.35	[redacted]	10.61
August 27, 2013	A	10:32	8.17	[redacted]	23.14	[redacted]	10.72
August 27, 2013	B	10:32	—	NA	—	NA	—
September 4, 2013		10:30	8.11	[redacted]	23.92	[redacted]	9.03
September 10, 2013		10:31	8.21	[redacted]	21.57	[redacted]	10.20
September 17, 2013		10:38	7.77	[redacted]	19.09	[redacted]	10.38
September 25, 2013		10:30	8.16	[redacted]	17.55	[redacted]	10.62
October 9, 2013		10:23	7.80	[redacted]	17.77	[redacted]	10.22
November 13, 2013		10:48	6.02	[redacted]	6.41	[redacted]	15.59
December 12, 2013		10:56	5.64	[redacted]	1.70	[redacted]	14.35
2014							
February 12, 2014		10:36	6.32		0.20		15.85
March 17, 2014		10:44	5.82		2.80		14.59
April 2, 2014		10:38	8.77		7.40		13.35
May 6, 2014	A	10:43	6.74		14.02		10.07
May 6, 2014	B	10:43	—	NA	—	NA	—
May 13, 2014		10:30	6.54		18.28		10.02
May 20, 2014		10:49	7.18		16.16		10.63
May 28, 2014		11:00	6.88		19.90		9.30
June 3, 2014	A	10:26	7.76		21.47		9.13
June 3, 2014	B	10:26	—	NA	—	NA	—
June 10, 2014		10:41	7.35		20.62		8.79
June 17, 2014	A	10:17	7.39		21.57		9.74
June 17, 2014	B	10:17	—	NA	—	NA	—
June 24, 2014		10:55	8.38		23.33		10.17
July 1, 2014	A	10:43	8.03		25.72		9.58
July 1, 2014	B	10:43	—	NA	—	NA	—
July 8, 2014		10:38	7.03		24.89		8.73
July 15, 2014		11:00	7.05		24.54		8.30
July 30, 2014		10:40	7.80		23.76		9.61
August 5, 2014		11:05	7.83		24.98		9.78
August 19, 2014		10:40	7.90		23.59		9.59
August 27, 2014	A	10:58	8.05		25.10		9.62
August 27, 2014	B	10:58	—	NA	—	NA	—
September 3, 2014		11:10	7.86		25.89		9.32
September 9, 2014		10:36	7.46		23.02		8.47
September 15, 2014		10:53	7.88		21.02		11.15

September 23, 2014	10:51	7.54	19.46	11.59
September 29, 2014	10:53	7.83	20.73	10.52
October 15, 2014	10:53	7.58	17.45	11.96
November 13, 2014	10:50	7.15	10.17	14.21
December 9, 2014	10:49	3.72	3.33	14.37

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	102.1	0.1	—	1
	112.5	0.2	—	14
[redacted]				
	—	0.3	—	5
	106.4	0.3	—	67
	97.7	0.3	—	8
	101.1	0.3	—	4
	101.6	0.3	—	6
	94.6	0.3	—	7
	99.4	0.2	—	14
	91.4	0.2	—	9
	—	—	—	11
	94.7	0.2	—	14
	—	—	—	17
	—	—	—	20
	—	—	—	16
	—	—	—	10
	—	—	—	22
	—	—	—	22
	40.0	—	—	12
	42.0	—	—	22
	78.3	—	—	16
	95.2	—	—	15
	86.9	—	—	24
	81.1	—	—	31
	—	—	—	10
	132.4	0.17	—	18
	112.6	0.09	—	41
	99.5	0.2	—	26
	—	—	—	12
	98.0	0.24	—	3
	106.2	0.3	—	9
	80.4	0.2	—	2
	106.9	0.1	—	32
	82.5	0.1	—	4
[redacted]				
	122.3	0.21	—	5
	108.7	0.37	—	<1
	107.9	0.26	—	10
	153.7	0.44	—	4
	159.4	0.41	—	7
	—	0.1	—	10
	121.1	0.23	—	6
	—	—	—	8
	110.6	0.25	—	5
	—	—	—	8

113.9	0.30	—	12
—	—	—	8
101.9	0.31	—	10
88.7	0.28	—	10
—	—	—	10
—	—	—	6
—	—	—	10
95.0	0.28	—	10
—	—	—	28
192.1	0.30	—	28
—	—	—	11
—	0.28	—	10
—	—	—	24
—	—	—	24
—	—	—	16
—	—	—	12
96.5	0.2	—	6
95.4	0.2	—	5
100.2	0.2	—	2
100.3	0.2	—	3
115.8	0.2	—	4
[redacted]			
132.0	0.19	—	1
123.6	0.19	—	2
116.8	0.18	—	4
116.6	0.29	—	4
121.2	0.43	—	3
132.4	0.32	—	4
109.9	0.31	—	8
128.2	0.30	—	10
117.1	0.24	—	10
96.4	0.3	—	46
103.8	0.15	—	10
106.3	0.19	—	12
111.6	0.24	—	10
101.4	0.16	—	14
101.9	0.15	—	14
112.1	0.23	—	14
104.3	0.20	—	10
99.7	0.16	—	10
93.8	0.18	—	8
105.0	0.21	—	8
98.1	0.16	—	22
113.5	0.29	—	16
114.0	0.31	—	25
107.5	0.23	—	12
103.7	0.14	—	25
102.9	0.19	—	9
124.4	0.16	—	12
129.3	0.23	—	14

108.3	0.23	—	6
101.7	0.18	—	8
108.3	0.11	—	5
104.9	0.16	—	2
115.7	0.23	—	2
[redacted]			
109.5	0.14	—	4
117.3	0.16	—	2
114.7	0.26	—	2
128.0	0.59	—	5
115.4	0.31	—	6
116.1	0.24	—	6
114.3	0.26	—	8
106.0	0.17	—	10
103.4	0.15	—	8
108.6	0.19	—	9
106.7	0.27	—	7
—	—	—	10
107.7	0.26	—	8
126.2	0.30	—	18
105.1	0.26	—	6
115.5	0.32	—	14
118.6	0.33	—	10
—	—	—	9
130.7	0.32	—	9
112.0	0.23	—	4
112.4	0.22	—	9
—	—	—	8
117.8	0.25	—	14
123.7	0.27	—	17
—	—	—	16
101.2	0.16	—	18
99.7	0.23	—	10
127.1	0.34	—	13
96.6	0.26	—	16
114.1	0.34	—	8
122.0	0.41	—	6
—	—	—	8
106.4	0.36	—	11
111.9	0.29	—	10
100.2	0.28	—	4
99.6	0.32	—	3
101.1	0.39	—	6
105.2	0.61	—	8
[redacted]			
100.3	0.29	—	3
101.5	0.25	—	10
—	—	—	8
109.7	0.17	—	8
113.9	0.22	—	10

	104.3		0.23		—	8	
	97.2		0.19		—	3	
	93.9		0.17		—	10	
	101.2		0.20		—	7	
	—		—		—	4	
	98.5		0.24		—	8	
	104.2		0.24		—	6	
	110.6		0.30		—	8	
	103.7		0.27		—	4	
	118.3		0.32		—	4	
	108.4		0.34		—	5	
	106.0		0.27		—	6	
	107.6		0.34		—	10	
	119.1		0.24		—	8	
	—		—		—	10	
	134.7		0.26		—	18	
	119.3		0.29		—	19	
	—		—		—	20	
	138.7		0.31		—	20	
	142.7		0.37		—	28	
	—		—		—	26	
	119.6		0.40		—	19	
	107.1		0.22		—	8	
	143.8		0.31		—	5	
	—		—		—	3	
	94.9		0.19		—	2	
	132.2		0.23		—	5	
	—		—		—	4	
[redacted]							
	109.2		0.68		—	3	
	119.1		0.48		—	2	J-QC/FFD/RPO
	—		—		—	2	J-QC/FFD/RPO
	49.6		0.2		—	6	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	8	J-QC/FFB
	—		—		—	8	J-QC/FFB
	98.0		0.1		—	12	
	94.1		0.2		—	11	
	—		—		—	12	
	88.7		0.3		—	8	
	102.4		0.3		—	10	J-QC/FFD/RPO
	102.3		0.15		—	60	
	—		—		—	50	
	103.4		0.16		—	20	J-QC/FLD/RPO
	117.5		0.27		—	11	
	—		—		—	11	
	102.9		0.24		—	15	
	97.1		0.26		—	8	
	102.5		0.15		—	16	
	—		—		—	18	
	107.9		0.19		—	12	

	119.6		0.10		—		8	J-QC/FFD/RPO
	—		—		—		12	J-QC/FFD/RPO
	109.6		0.20		—		10	
	104.7		0.22		—		10	J-QC/FFD/FLDRPO
	119.8		0.32		—		6	J-QC/FFD/RPO
	122.2		0.30		—		6	J-QC/FFB
	122.5		0.33		—		2	J-QC/FFD/RPO
	—		—		—		6	J-QC/FFD/RPO
	114.5		0.36		—		6	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		4	J-QC/FFD/RPO
	105.5		0.20		—		7	
	102.4		0.26		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
	115.7		0.19		—	NA	6	J-QC/FFD/RPO
	110.3		0.33		—	NA	7	J-QC/FFD/RPO
	104.0		0.16		—	NA	8	
NA	—	NA	—	NA	—	NA	6	
	105.8		0.18		—	NA	12	J-QC/FFB
	106.7		0.23		—	NA	6	
NA	—	NA	—	NA	—	NA	8	
	114.2		0.27		—	NA	12	J-QC/FFD/RPO
	105.0		0.27		—	NA	8	
	103.8		0.34		—	NA	12	
NA	—	NA	—	NA	—	NA	12	
	93.8		0.07		—	NA	11	
	126.2		0.30		—	NA	14	
	119.9		0.29		—	NA	17	
	147.2		0.36		—	NA	27	
	107.1		0.20		—	NA	8	
	129.6		0.25		—	NA	12	
	102.0		0.33		—	NA	13	
	105.2		0.35		—	NA	4	
	104.0		0.36		—	NA	15	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	10	J-QC/FFD/RPO
	101.9		0.27		—	NA	11	
NA	—	NA	—	NA	—	NA	12	
	117.9		0.30		—	NA	7	
	120.8		0.39		—	NA	22	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	14	J-QC/FFD/FLDRPO
	111.3		0.38		—	NA	6	
NA	—	NA	—	NA	—	NA	5	
	132.8		0.35		—	NA	4	J-QC/FFD/RPO
	94.9		0.33		—	NA	12	J-QC/FFD/RPO
	103.2		0.17		—	NA	10	
NA	—	NA	—	NA	—	NA	12	
	112.2		0.37		—	NA	5	
	103.7		0.19		—	NA	14	
NA	—	NA	—	NA	—	NA	11	

	102.9		0.43		—	NA	7		
	113.2		0.97		—	NA	10	J-QC/FFD/RPO	
	118.7		0.10		—	NA	102		
NA	—	NA	—	NA	—	NA	104		
	104.8		0.30		—	NA	8		
NA	—	NA	—	NA	—	NA	10		
	104.7		0.21		—	NA	9	J-QC/FFD/FLDRPO	
	107.1		0.27		—	NA	8	J-QC/FFD/RPO	
NA	—	NA	—	NA	—	NA	12	J-QC/FFD/RPO	
	99.7		0.24		—	NA	13		
	100.5		0.16		—	NA	12		
NA	—	NA	—	NA	—	NA	12		
	102.3		0.25		—	NA	8		
	107.2		0.27		—	NA	10		
	119.4		0.28		—	NA	6	J-QC/FFB/FFDFLDRPO	
NA	—	NA	—	NA	—	NA	8	J-QC/FFB/FFDFLDRPO	
	195.8		0.21		—	NA	12		
	118.3		0.18		—	NA	6	J-QC/FFD/RPO	
NA	—	NA	—	NA	—	NA	11	J-QC/FFD/RPO	
	131.4		0.26		—	NA	8		
NA	—	NA	—	NA	—	NA	7		
	150.6		0.34		—	NA	6	J-QC/FLD/RPO	
	126.9		0.30		—	NA	4	J-QC/FLD/RPO	
NA	—	NA	—	NA	—	NA	4	J-QC/FLD/RPO	
	115.1		0.29		—	NA	12		
	125.7		0.19		—	NA	25		
NA	—	NA	—	NA	—	NA	20		
	95.5		0.18		—	NA	9		
	120.4		0.11		—	NA	20		
	109.7		0.10		—	NA	4		
NA	—	NA	—	NA	—	NA	6		
	124.4		0.18		—	NA	4	J-QC/FFD/RPO	
	173.7		0.16		—	NA	10	J-QC/FFD/RPO	
NA	—	NA	—	NA	—	NA	6	J-QC/FFD/RPO	
	101.0		0.19		—	NA	11	J-QC/FFB	
	103.8		0.21		—	NA	5		
	102.2		0.19		—	NA	6	J-QC/FFD/RPO	
NA	—	NA	—	NA	—	NA	8	J-QC/FFD/RPO	
[redacted]									
	107.3		0.22	[redacted]	—	NA	6		
	110.4		0.25		—	NA	3	J-QC/FFD/RPO	
NA	—	NA	—	NA	—	NA	8	J-QC/FFD/RPO	
	111.3		0.27	[redacted]	—	NA	5		
	129.4		0.33	[redacted]	—	NA	22		
	97.1		0.24	[redacted]	—	NA	8	J-QC/FFD/RPO	
	103.1		0.24	[redacted]	—	NA	15	J-QC/FFD/RPO	
	93.7		0.31	[redacted]	—	NA	6		
NA	—	NA	—	NA	—	NA	7		
	93.2		0.22	[redacted]	—	NA	12		
	138.7		0.17	[redacted]	—	NA	30		

	102.5		0.25	[redacted]	—	NA	10	
NA	—	NA	—	NA	—	NA	12	
	101.3		0.23	[redacted]	—	NA	10	
	105.1		0.30	[redacted]	—	NA	7	
	104.2		0.38	[redacted]	—	NA	5	J-QC/FFB/FLDRPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFB/FLDRPO
	118.0		0.34	[redacted]	—	NA	2	J-QC/FLD/RPO
	119.6		0.31	[redacted]	—	NA	2	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	3	J-QC/FLD/RPO
	107.7		0.26	[redacted]	—	NA	5	J-QC/FFD/RPO
	117.5		0.27	[redacted]	—	NA	8	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	114.4		0.30	[redacted]	—	NA	3	J-QC/FLD/RPO
	67.0		0.26	[redacted]	—	NA	2	J-QC/FFB/FFDFLDRPO
NA	—	NA	—	NA	—	NA	<1	KJ-QC/FFB/FFDFLDRPO
	78.7		0.30	[redacted]	—	NA	16	J-QC/FFD/RPO
	80.3		0.31	[redacted]	—	NA	6	J-QC/FFD/FLDRPO
	106.5		0.22	[redacted]	—	NA	4	J-QC/FFB
	93.4		0.29	[redacted]	—	NA	3	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FLD/RPO
	130.8		0.24	[redacted]	—	NA	1	
	127.0		0.35	[redacted]	—	NA	4	
	120.3		0.19	[redacted]	—	NA	—	NA
	136.1		0.17	[redacted]	—	NA	—	NA
	157.0		0.24	[redacted]	—	NA	—	NA
	153.6		0.29	[redacted]	—	NA	—	NA
	—		0.39	[redacted]	—	NA	—	NA
	136.6		0.38	[redacted]	—	NA	—	NA
	147.5		0.41	[redacted]	—	NA	2	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	1	J-QC/FFD/FLDRPO
	117.1		0.41	[redacted]	—	NA	13	J-QC/FFB
[redacted]								
[redacted]	110.7	[redacted]	0.31	[redacted]	—	NA	12	J-QC/FFB
[redacted]	113.0	[redacted]	0.59	[redacted]	—	NA	4	J-QC
[redacted]	118.6	[redacted]	0.36	[redacted]	—	NA	—	NA
[redacted]	114.8	[redacted]	0.25	[redacted]	—	NA	13	J-QC/FFB/FLDRPO
[redacted]	119.2	[redacted]	0.34	[redacted]	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
[redacted]	122.9	[redacted]	0.31	[redacted]	—	NA	10	[redacted]
[redacted]	72.1	[redacted]	0.31	[redacted]	—	NA	—	NA
[redacted]	128.1	[redacted]	0.30	[redacted]	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
[redacted]	121.5	[redacted]	0.31	[redacted]	—	NA	12	J-QC
[redacted]	130.0	[redacted]	0.30	[redacted]	—	NA	26	[redacted]
[redacted]	104.9	[redacted]	0.24	[redacted]	—	NA	7	[redacted]
NA	—	NA	—	NA	—	NA	8	[redacted]
[redacted]	116.4	[redacted]	0.26	[redacted]	—	NA	12	[redacted]
[redacted]	184.8	[redacted]	0.17	[redacted]	—	NA	14	J-QC/FLD/RPO
[redacted]	159.0	[redacted]	0.21	[redacted]	—	NA	12	[redacted]
[redacted]	132.8	[redacted]	0.14	[redacted]	—	NA	24	[redacted]

NA	—	NA	—	NA	—	NA	21	[redacted]
[redacted]	242.1	[redacted]	0.15	[redacted]	—	NA	10	
NA	—	NA	—	NA	—	NA	9	
[redacted]	91.8	[redacted]	0.22	[redacted]	—	NA	6	
	121.0		0.19		—	NA	6	
	204.7		0.28		—	NA	3	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FLD/RPO
[redacted]	111.0	[redacted]	0.21	[redacted]	—	NA	13	J-QC/FFD/FLDRPO
	102.4		0.26		—	NA	4	[redacted]
NA	—	NA	—	NA	—	NA	6	
[redacted]	112.7	[redacted]	0.23	[redacted]	—	NA	5	J-QC/FFD/FLDRPO
	101.3		0.26		—	NA	7	J-QC/FFB
NA	—	NA	—	NA	—	NA	6	J-QC/FFB
[redacted]	124.7	[redacted]	0.27	[redacted]	—	NA	1	J-QC/FLD/RPO
	125.5		0.28		—	NA	7	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	5	J-QC/FFD/RPO
[redacted]	107.3	[redacted]	0.30	[redacted]	—	NA	4	J-QC/FFD/RPO
	116.0		0.34		—	NA	6	[redacted]
	112.2		0.26		—	NA	2	J-QC/FFD/RPO
	111.4		0.34		—	NA	3	[redacted]
	107.7		0.37		—	NA	7	
	126.7		0.36		—	NA	6	
	103.3		0.57		—	NA	3	
	109.6		0.76		—	NA	3	J-QC/FFD/RPO
	108.1		0.28		—	NA	6	J-QC/FFB/FFDRPO
	111.2		0.18		—	NA	16	J-QC/FLD/RPO
	97.9		0.13		—	NA	9	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	8	J-QC/FLD/RPO
	106.5		0.20		—	NA	10	J-QC/FFD/RPO
	108.2		0.19		—	NA	10	
	102.2		0.22		—	NA	5	J-QC/FFD/FLDRPO
	103.6		0.30		—	NA	12	
NA	—	NA	—	NA	—	NA	12	
	97.9		0.27		—	NA	12	J-QC
	103.9		0.23		—	NA	10	
NA	—	NA	—	NA	—	NA	10	
	119.5		0.28		—	NA	16	
	117.7		0.30		—	NA	12	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	13	J-QC/FLD/RPO
	105.5		0.21		—	NA	8	
	99.7		0.20		—	NA	11	
	113.9		0.35		—	NA	27	J-QC/FFD/RPO
	118.5		0.33		—	NA	10	
	113.3		0.36		—	NA	12	J-QC/FLD/RPO
	116.9		0.35		—	NA	4	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FLD/RPO
	115.0		0.34		—	NA	6	J-QC/FLD/RPO
	99.0		0.33		—	NA	6	
	125.5		0.40		—	NA	4	

126.5	0.43	—	NA	10	
117.7	0.43	—	NA	8	
125.2	0.36	—	NA	2	
127.1	0.42	—	NA	5	
108.1	0.23	—	NA	17	J-QC/FFD/FLDRPO

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.49	<2	<0.09	0.011
1.04	3	<0.09	0.019
[redacted]			
0.43	<2	<0.09	0.222
1.37	<2	<0.19	0.024
0.76	7	0.46	0.042
0.03	7	<0.19	0.016
0.64	7	<0.19	0.012
0.64	2	<0.19	0.018
0.50	2	<0.19	0.024
0.39	2	<0.19	0.016
0.79	2	<0.19	0.027
0.23	3	<0.19	0.045
0.85	2	<0.19	0.027
0.90	—	<0.19	0.022
0.99	2	<0.19	0.011
—	<2	<0.19	0.037
3.13	5	<0.19	0.034
3.14	4	<0.19	0.212
2.95	<2	<0.19	0.028
3.77	3	<0.19	0.067
0.36	3	<0.19	0.023
0.98	2	<0.19	0.032
3.16	<2	<0.19	0.033
1.53	3	<0.19	0.023
5.97	4	<0.19	0.018
1.76	2	<0.19	0.019
1.32	<2	<0.19	0.015
1.03	<2	<0.19	0.014
0.87	2	<0.19	0.011
1.02	<2	<0.19	0.025
1.29	3	<0.19	0.016
0.71	9	<0.19	0.013
1.32	<2	<0.19	0.016
1.18	3	<0.19	0.011
[redacted]			
0.71	5	<0.19	0.016
0.82	<2	<0.19	0.023
1.08	<2	<0.19	0.021
<1.00	<2	<0.19	0.020
1.05	<2	<0.19	0.018
<1.00	<2	<0.19	0.013
1.27	<2	<0.19	0.013
0.67	<2	<0.19	0.021
0.69	<2	<0.19	0.018
0.82	<2	<0.19	0.032

1.50	<2	<0.27	0.078
1.75	—	<0.27	0.045
1.29	<2	<0.27	0.036
1.76	5	<0.27	0.039
1.32	—	<0.27	0.029
1.31	—	<0.27	0.026
1.47	4	<0.27	0.024
1.84	<2	<0.27	0.021
2.53	3	<0.27	0.017
3.13	5	<0.27	0.019
1.62	<2	<0.27	0.050
1.12	<2	<0.27	0.043
1.78	9	<0.27	0.028
2.01	7	<0.27	0.047
1.13	<2	<0.27	0.031
2.20	<2	<0.27	0.028
1.20	<2	<0.27	0.010
0.76	11	<0.27	0.010
<1.00	<2	<0.27	0.020
<1.00	<2	<0.27	0.010
0.64	<2	<0.27	0.010
[redacted]			
0.67	3	<0.27	0.01
0.53	<2	<0.27	0.017
<1.00	<2	<0.27	0.010
0.51	<2	<0.27	0.011
<1.00	2	<0.27	0.017
1.08	<2	<0.27	0.025
<1.00	3	<0.27	0.069
1.02	3	<0.295	0.032
1.59	3	<0.295	0.020
1.50	—	<0.295	0.044
1.51	—	<0.295	0.029
1.43	—	<0.295	0.030
1.67	<2	<0.295	0.038
1.69	<2	<0.295	0.033
1.49	<2	<0.295	0.031
1.46	<2	<0.295	0.026
1.11	—	<0.295	0.041
1.26	<2	<0.295	0.021
1.25	—	<0.295	0.032
1.17	—	<0.295	0.027
1.14	<2	<0.295	0.025
1.70	<2	<0.295	0.026
1.51	3	<0.295	0.025
2.21	—	0.59	0.030
1.10	<2	<0.295	0.013
0.84	<2	<0.295	0.016
0.89	<2	<0.295	0.012
0.78	<2	<0.295	0.014

0.61	—	<0.295	0.019
<1.00	<2	<0.295	0.011
0.92	—	<0.295	0.006
0.86	<2	<0.295	0.010
0.87	<2	<0.295	0.016
[redacted]			
0.69	<2	<0.295	0.013
0.76	<2	<0.295	0.012
0.55	<2	<0.295	0.015
0.72	<2	<0.295	0.022
0.74	—	<0.295	0.018
0.48	<2	0.097	0.009
0.59	<2	0.083	0.012
0.30	—	<0.039	0.020
0.59	<2	0.037	0.009
0.64	<2	<0.039	0.007
0.66	3	0.065	0.026
0.62	<2	0.056	0.024
0.64	<2	<0.039	0.037
1.22	3	0.060	0.035
0.72	<2	0.153	0.049
0.97	<2	<0.039	0.036
0.82	<2	0.074	0.045
0.84	<2	0.065	0.045
0.94	3	<0.039	0.037
0.68	<2	0.056	0.027
0.95	<2	<0.039	0.019
0.85	<2	<0.039	0.020
0.88	3	0.062	0.016
0.38	<2	0.042	0.028
0.91	<2	0.052	0.022
<0.30	<2	<0.039	0.014
1.26	<2	0.135	0.027
—	3	<0.039	0.016
1.90	<2	<0.039	0.028
0.85	8	0.088	0.028
0.61	<2	0.078	0.026
1.28	<2	0.073	0.026
2.15	4	0.034	0.044
1.23	<2	0.090	0.022
0.87	<2	0.313	0.020
0.75	<2	0.064	0.025
0.86	<2	0.129	0.015
0.80	<2	0.155	0.018
[redacted]			
1.13	<2	0.134	0.015
1.42	<2	0.128	0.012
1.41	<2	0.123	0.011
0.84	<2	0.094	0.010
1.02	<2	0.026	0.017

1.16		<2		0.026	J-R	0.023
1.26		<2		0.149		0.031
0.66		<2		0.157		0.022
1.30		<2		0.094		0.026
1.30		<2		0.106		0.027
1.34		<2		<0.017		0.041
1.55		<2		0.027	J-R	0.041
1.17		<2		0.167		0.053
0.94		<2		0.113		0.012
0.47		<2		0.077		0.028
0.82		<2		0.068		0.024
1.04		<2		0.063		0.031
1.90		<2		0.027	J-R	0.023
1.39		<2		0.054		0.014
1.36		<2		0.068		0.014
1.09		3		0.036		0.032
2.04		4		0.122		0.028
2.36		3		0.135		0.024
0.43		4		0.050		0.022
0.79		3		0.126		0.029
2.71		3		0.135		0.030
0.70		<2		0.045		0.030
1.42		<2		<0.017		0.051
1.34		<2		0.086		0.019
1.39		<2		0.081		0.019
1.01		<2		0.142		0.015
0.71		<2		0.549		0.035
0.72		<2		0.529		0.033
[redacted]						
0.93	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.082	J-QC/FSL/FMS	0.021
1.11	BJ-QC/FBK/FFBFLS	<2	K	0.132		0.029
1.04	BJ-QC/FBK/FFBFLS	<2	K	0.148		0.026
1.31	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.110		0.014
1.70	BJ-QC/FBK/FFB	<2	K	0.209		0.053
1.73	BJ-QC/FBK/FFB	<2	K	0.183		0.054
1.29	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.031	J-RJ-QC/FFD/RPOFMS	0.014
1.27	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.031
1.19	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.031
1.22	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.125		0.041
1.16	B/FBK	<2	K	0.120		0.044
1.18		<2	K	0.130		0.027
1.19		<2	K	0.120		0.029
0.95		<2	K	0.094		0.016
1.11	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.012
1.08	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.012
1.03	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	<0.018	K	0.017
1.50	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	KJ-QC/FFD/RPO	0.019
1.31	BJ-QC/FBK/FFB	<2	K	0.025	J-R	0.014
1.38	BJ-QC/FBK/FFBFLDRPO	<2	K	0.031	J-R	0.014
1.11	J-QC/FLS	<2	KJ-QC/FLS	<0.018	K	0.018

1.39	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.017
1.48	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.016
1.48	BJ-QC/FBK/FFBFLS	<2	K	<0.018	KJ-QC/FFD/RPO	0.015
1.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.021
1.47	BJ-QC/FBK/FFBFLDRPO	<2	K	<0.018	KJ-QC/FSL	0.015
4.04	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	<0.018	K	0.020
1.16	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.018	K	0.013
1.12	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.018	K	0.014
0.96	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.018	K	0.013
1.27	BJ-QC/FBK/FFB	<2	K	0.051		0.020
1.60	BJ-QC/FBK/FFBFFDRPO	<2	K	0.096		0.008
[redacted]						
1.19	BJ-QC/FBK/FFBFLS	<2	K	0.066		0.010
1.31	BJ-QC/FBK/FFBFLS	<2	K	0.076		0.011
1.00	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FFD/RPO	0.125		0.028
1.00	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.030	J-R	0.0093
1.51	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0175	K	0.0055
1.48	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0175	K	0.0053
1.88	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.086	J-QC/FSL	0.0132
2.07	BJ-QC/FBK/FFB	<2	K	<0.0175	KJ-QC/FMS	0.0233
1.92	BJ-QC/FBK/FFB	<2	K	<0.0175	KJ-QC/FMS	0.0214
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.035		0.0264
1.97	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.065		0.0276
2.27	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0175	KJ-QC/FFD/RPO	0.0354
2.10	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.020	J-RJ-QC/FFD/RPO	0.0336
1.95	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.020	J-R	0.0403
2.43	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	<0.0175	K	0.0271
2.42	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	5	J-QC/FLS	0.055		0.0278
3.82	BJ-QC/FBK/FFBFLS	5	J-QC/FLS	<0.0175	KJ-QC/FFD/RPOFMS	0.0669
2.77	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.121	J-QC/FSL	0.0296
2.52	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.058		0.0243
1.89	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.089		0.0238
1.63	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.052		0.0374
1.76	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FFB/FFDRPOFLS	0.278	J-QC/FFD/RPO	0.0367
1.75	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FFB/FFDRPOFLS	0.178	J-QC/FFD/RPO	0.0371
1.55	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.204		0.0195
1.74	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.189		0.0196
1.68	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	0.026	J-RJ-QC/FFD/RPO	0.0200
1.82	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.115	J-QC/FMS	0.0189
1.77	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.100	J-QC/FMS	0.0187
1.54	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0204
1.55	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0204
1.61	BJ-QC/FBK/FFB	<2	K	<0.0175	K	0.0169
1.90	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.031	J-R	0.0369
1.70	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.058	J-QC/FFD/RPO	0.0131
1.61	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.042	J-QC/FFD/RPO	0.0132
2.02	BJ-QC/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.035		0.0132
1.83	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.065		0.0089
1.98	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.055		0.0115
[redacted]						

1.44	BJ-QC/FBK/FFBFLS	<2	K	0.055		0.0279
1.37	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.115		0.0375
1.74	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.246		0.0471
1.77	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.225		0.0473
1.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0293	KJ-QC/FMS	0.0110
1.54	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0293	KJ-QC/FMS	0.0110
1.67	BJ-QC/FBK/FFBFLS	<2	K	0.076		<0.0014
1.75	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.044	J-R	0.0172
1.56	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.049	J-R	0.0147
1.40	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.185		0.0209
1.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.120		0.2006
1.66	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.125		0.0302
1.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.049	J-R	0.0231
1.59	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.054	J-R	0.0307
2.00	BJ-QC/FBK/FFBFLS	2		0.114		0.0347
1.93	BJ-QC/FBK/FFBFLS	2		0.120		0.0333
1.46	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.065		0.0204
1.39	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	0.109		0.0177
1.34	BJ-QC/FBK/FFB	8	J-QC/FFD/RPO	0.114		0.0172
1.81	BJ-QC/FBK/FFBFLS	<2	K	0.224		0.0383
1.77	BJ-QC/FBK/FFBFLS	<2	K	0.218		0.0352
1.62	BJ-QC/FBK/FFB	<2	K	0.223		0.0390
1.51	BJ-QCJ-HT/FBK/FFBFLSEHT	2	J-QC/FLS	0.114	J-QC/FFB	0.0201
1.45	BJ-QCJ-HT/FBK/FFBFLSEHT	2	J-QC/FLS	0.093	J-QC/FFB	0.0205
2.05	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.065		0.0182
1.14	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.452	J-QC/FFB/FFDRPO	0.0161
1.76	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.240	J-QC/FFB/FFDRPO	0.0158
1.57	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.142		0.0113
1.51	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.065	J-QC/FMS	0.0145
1.37	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.098		0.0151
1.13	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.098		0.0139
1.45	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FFD/RPOFLS	0.067		0.0278
1.20	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFB/FLS	0.057	J-R	0.0152
1.21	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFB/FLS	0.062		0.0126
1.92	BJ-QC/FBK/FFBFLS	<2	K	0.062		0.0109
2.39	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.149	J-QC/FFB	0.0127
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.103	J-QC/FMS	0.0208
1.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.103	J-QC/FMS	0.0208
[redacted]						
1.53	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0293	K	0.0236
1.40	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.139		0.0164
1.44	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.128		0.0162
1.91	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	KJ-QC/FSL/FMS	0.0256
2.04	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	K	0.0277
2.27	BJ-QC/FBK/FFBFLS	4		0.251		0.0332
2.65	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.084	J-QC/FMS	0.0378
1.41	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.089	J-QC/FMS	0.0528
2.30	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.099	J-QC/FMS	0.0505
1.76	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.126		0.0348
1.58	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.073	J-RJ-QC/FFD/RPOFMS	0.0313

1.90	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.058	J-RJ-QC/FFD/RPO	0.0250
2.09	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.042	J-RJ-QC/FFD/RPO	0.0257
1.44	BJ-QC/FBK/FFBFLS	<2	K	0.073	J-R	0.0188
1.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.058	J-RJ-QC/FSL/FMS	0.0280
1.93	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.058	J-R	0.0240
1.90	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.063	J-R	0.0229
1.76	BJ-QC/FBK/FFBFLS	<2	K	0.048	J-R	0.0217
1.97	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.048	J-RJ-QC/FMS	0.0220
1.87	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.053	J-RJ-QC/FMS	0.0212
2.01	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QCJ-HT/FFD/RPOEHT	<0.0378	KJ-QC/FMS	0.0196
1.86	BJ-QC/FBK/FFBFLS	<2	K	0.074	J-R	0.0214
1.93	BJ-QC/FBK/FFBFLS	<2	K	0.090		0.0214
1.51	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.063	J-R	0.0215
1.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.042	J-R	0.0199
1.23	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.053	J-R	0.0198
1.46	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.127	J-QC/FMS	0.0171
1.88	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.079		0.0234
1.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0378	KJ-QC/FSL	0.0139
1.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.048	J-RJ-QC/FFD/RPO	0.0190
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FFD/RPO	0.0235
1.57	BJ-QC/FBK/FFBFLS	<2	K	0.095	J-QC/FMS	0.0151
1.65	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0378	K	0.0178
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NRP	0.095		0.0246
—	NA	—	NRP	0.084		0.0273
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.250		0.0304
[redacted]						
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.125	J/LLS	0.0224
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.188	J/LLS	0.0232
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.029	J-RJ-QC/LLS/FMS	0.0136
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0206
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.034	J-RJ-QC/LLS/FFDRPO	0.0343
—	NA	<2	KJ-QC/FMS	0.136	J-QC/LLS/FMS	0.0450
1.61	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.165	J-QC/LLS/FMS	0.0654
1.73	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.153	J-QC/LLS/FMS	0.0361
1.78	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.170	J-QC/LLS/FFDRPOFSL	0.0472
1.85	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.040	J-RJ-QC/LLS/FSLFMS	0.0171
1.72	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.131	J-QC/LLS/FSLFMS	0.0360
0.49	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.057	J-QC/LLS/FFDRPOFMS	0.0173

1.61	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.040	J-RJ-QC/LLS/FFDRPOFMS	0.0183
1.46	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.040	J-RJ-QC/LLS/FFDRPOFMS	0.0187
1.76	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.057	J-QC/LLS/FFDRPOFMS	0.0187
1.93	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.079	J/LLS	0.0161
1.52	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	KJ-QC/FSL	0.0198
1.54	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	K	0.0272
1.78	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	K	0.0230
1.30	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	K	0.0297
1.63	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	<0.0911	K	0.0139
1.56	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	<0.0911	K	0.0133
1.60	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0116
1.46	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0135
1.40	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0133
1.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0090
1.96	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0148
1.62	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0137
1.32	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0226
1.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	<0.0911	K	0.0132
1.27	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.139	J-R/LLS	0.0172
1.04	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FFD/RPO	<0.0911	K	0.0197
1.76	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.096	J-R/LLS	0.0309
1.88	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.169	J-RJ-QC/LLS/FFB	0.0181
1.36	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.283	J/LLS	0.0154
[redacted]						
1.55	BJ-QCJ-HT/FBK/FFB	<2	KJ-QC	<0.0267	KJ-QC	0.0277
1.78	BJ-QC/FBK/FFBFMS	<2	K	0.341	J-QC/LLS/FFB	0.0148
1.84	BJ-QC/FBK/FFBFMS	<2	K	0.057	J/LLS	0.0137
1.75	BJ-QC/FBK/FFB	<2	K	0.136	J-QC/LLS/FFB	0.0076
1.56	BJ-QC/FBK/FFB	<2	K	0.119	J-QC/LLS/FFB	0.0075
1.75	BJ-QC/FBK/FFBFLDRPO	3		0.108	J/LLS	0.0099
1.51	BJ-QC/FBK/FFBFFDRPO	<2	K	0.045	J-R/LLS	0.0152
1.53	BJ-QC/FBK/FFBFLDRPO	<2	K	0.176	J-QC/LLS/FFBFSL	0.0231
2.22	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FLS	0.114	J/LLS	0.0248
1.95	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.091	J/LLS	0.0244
1.94	BJ-QC/FBK/FLDRPOFMS	<2	KJ-QC	0.051	J-RJ-QC/LLS/FFB	0.0300
1.82	BJ-QC/FBK/FFBFMS	<2	K	0.131	J-QC/LLS/FFB	0.0272
1.95	BJ-QC/FBK/FFBFMS	<2	K	0.185	J-QC/LLS/FFB	0.0257
1.99	BJ-QC/FBK/FFBFMS	3	J-QC/FLS	0.056	J/LLS	0.0208
3.64	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0237
3.66	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0206
1.31	BJ-QC/FBK/FFB	<2	K	0.056	J/LLS	0.0243
1.95	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.045	J-RJ-QC/LLS/FSL	0.0241
2.00	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.050	J-RJ-QC/LLS/FFBFSLFMS	0.0187
1.89	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FMS	0.0219
1.91	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0183
1.45	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0238
1.59	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0172
1.50	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0177
1.68	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FMS	0.0201
1.65	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0161

1.90	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0181
1.84	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.0198
1.88	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.090	J/LLS	0.0167
1.23	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	K	0.0156
1.96	BJ-QC/FBK/FFBFLDRPOFMS	3		0.064	J/LLS	0.0212

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	1.09	0.157	0.11	1.85
	0.83	0.094	0.11	2.21
	3.89	0.347	0.30	1.45
	1.39	0.133	0.12	165.0
	1.79	0.160	0.13	3.92
	1.38	0.180	0.10	3.31
	1.18	0.162	0.13	7.8
	1.47	0.172	0.17	8.6
	1.30	0.299	0.13	8.54
	1.04	0.231	0.26	13.9
	1.54	0.239	0.14	8.0
	1.89	0.345	0.30	5.7
	2.57	0.225	0.27	3.6
	2.44	0.378	0.31	38.9
	1.41	0.380	0.26	47.3
	2.44	0.368	0.33	15.6
	1.68	0.464	0.35	70.0
	1.95	0.542	0.40	14.0
	1.72	0.351	0.35	2.73
	1.43	0.319	0.16	5.68
	1.46	0.315	0.25	2.04
	2.34	0.400	0.39	1.82
	1.61	0.300	0.29	2.45
	1.33	0.275	0.26	4.42
	2.57	0.310	0.31	5.96
	1.70	0.223	0.31	2.25
	0.78	0.231	0.19	4.91
	1.99	0.365	0.48	3.65
	0.99	0.179	0.16	2.64
	2.82	0.348	0.32	1.22
	2.91	0.459	0.44	3.46
	1.66	0.242	0.24	3.06
	0.85	0.277	0.21	5.42
	0.77	0.082	0.12	2.80
	0.98	0.088	0.09	3.77
	2.37	0.204	0.21	2.08
	1.35	0.182	0.19	3.53
	1.64	0.166	0.14	9.44
	1.64	0.127	0.12	13.77
	0.57	0.071	0.08	7.46
	1.31	0.177	0.14	17.97
	1.80	0.186	0.18	13.75
	1.90	0.260	0.22	22.23
	2.28	0.250	0.30	16.58

2.93	0.429	0.39	—
2.86	0.458	—	—
2.81	0.748	0.53	—
2.24	0.559	0.43	—
2.20	0.481	—	—
1.34	0.345	—	—
2.32	0.469	0.43	—
1.71	0.449	0.41	—
1.22	0.590	0.39	—
0.32	0.455	0.33	—
2.41	0.632	0.56	—
2.65	0.436	0.43	—
2.73	0.468	0.38	—
2.14	0.420	0.28	—
3.11	0.494	0.50	—
3.36	0.442	0.40	—
1.02	0.160	0.16	—
2.59	0.250	0.24	—
1.40	0.190	0.24	—
1.60	0.180	0.18	—
1.37	0.140	0.12	—
[redacted]			
1.15	0.06	0.07	—
1.00	0.07	0.05	—
1.06	0.085	0.10	—
1.66	0.151	0.11	—
2.46	0.212	0.19	—
2.46	0.181	0.25	—
2.65	0.347	0.29	—
1.92	0.328	0.28	—
1.15	0.270	0.24	—
2.36	0.430	—	—
1.19	0.223	—	—
1.21	0.245	—	—
1.48	0.304	0.30	—
0.82	0.251	0.18	—
0.58	0.243	0.24	—
1.83	0.294	0.24	—
1.36	0.225	—	—
0.82	0.307	0.29	—
1.33	0.326	—	—
1.48	0.329	—	—
1.15	0.269	0.27	—
2.59	0.380	0.37	—
2.61	0.703	0.34	—
2.40	0.415	0.41	—
0.67	0.209	0.18	—
1.86	0.268	0.25	—
0.70	0.176	0.19	—
2.40	0.313	0.28	—

2.25	0.299	0.28	—
0.94	0.214	0.15	—
0.76	0.125	0.12	—
1.24	0.150	0.13	—
2.55	0.239	0.23	—
[redacted]			
1.41	0.154	0.02	5.9
1.45	0.138	0.10	3.7
2.81	0.219	0.16	2.7
3.62	0.210	0.18	17.1
1.80	0.143	0.11	8.6
0.995	0.092	0.22	17.3
1.39	0.139	0.08	31.2
0.404	0.096	0.05	144.2
0.654	0.104	0.08	97.0
0.863	0.122	0.10	19.4
1.85	0.264	0.17	26.8
1.91	0.245	<0.010	18.8
2.25	0.307	0.21	6.1
1.78	—	0.197	50.0
1.63	0.274	0.23	6.5
1.81	0.260	0.25	13.5
2.57	0.385	0.31	17.3
2.79	0.369	0.30	22.4
2.10	0.328	0.27	28.2
1.95	0.317	0.29	15.3
1.55	0.336	0.28	17.5
1.57	0.350	0.28	19.0
1.22	0.293	0.24	13.8
1.40	0.320	0.22	16.1
1.52	0.317	0.22	16.7
0.426	0.249	0.19	7.9
1.60	0.330	0.28	6.5
1.99	0.278	0.19	8.1
2.97	0.327	0.22	10.6
1.65	0.26	0.25	8.3
4.14	0.40	0.36	4.0
4.00	0.36	0.35	4.3
3.03	0.34	0.29	6.7
2.27	0.33	0.31	9.4
2.09	—	—	<3.0
3.06	0.37	0.33	<3.0
1.83	0.24	0.23	<3.0
1.79	0.36	0.18	3.1
[redacted]			
1.00	0.24	0.17	4.1
0.944	0.09	0.07	4.4
0.972	0.08	0.07	4.4
0.545	0.07	0.06	4.8
1.46	0.13	0.12	4.4

	1.67		0.21		0.18		4.6
	1.21		0.18		0.13		<2.4
	0.606		0.31		0.16		7.6
	1.40		0.34		0.19		6.4
	1.43		0.35		0.18		5.3
	2.08		0.25		0.21		6.1
	2.48		0.29		0.27		5.8
	1.01		0.38		0.33		4.3
J-R	1.84		0.32		0.28		5.6
	2.51		0.33		0.33		9.3
	2.82		0.34		0.30		4.5
	2.69		0.35		0.33		11.6
	1.21		0.33		0.33		4.7
	1.59		0.38		0.34		5.1
	1.51		0.32		0.34		5.5
	1.58		0.36		0.32		4.4
	1.56		0.31		0.29		69.6
	1.44		0.33		0.28		76.8
	1.89		0.19		0.20		4.4
	1.38		0.34		0.36		8.4
	1.42		0.34		0.32		8.1
	2.77		0.33		0.36		4.8
	2.06		0.34		0.33		4.0
	1.09		0.35		0.32		5.6
	1.08		0.33		0.33		5.4
	1.89		0.23		0.20		4.0
	0.627		0.23		0.21		4.1
	0.595		0.20		0.18		4.1
	2.67		0.19		0.19		2.5
J-QC/FFB	2.81	J-QC/FLS	0.18		0.16		<2.4
J-QC/FFB	2.78	J-QC/FLS	0.16		0.15		<2.4
	1.04	J-QC/FFD/RPO	0.32	J-QC/FFB	0.13		<2.4
	2.11		0.26		0.21		4.0
	2.23		0.25		0.20		4.0
	0.631		0.21		0.17		<2.4
	1.44		0.17		0.16		<2.4
	1.45		0.16		0.15		<2.4
	2.44		0.22		0.21		1.5
	2.48		0.24		0.26		1.3
	0.798		0.20		0.24	J-QC/FFD/RPO	4.2
	0.827		0.15		0.17	J-QC/FFD/RPO	4.3
J-QC/FFB	0.662		0.14		0.11		2.1
J-QCJ-HT/FFB/EHT	2.00		0.06	J-QC/FFB/FFDRPO	0.16		17.5
J-QCJ-HT/FFB/EHT	1.66		0.18	J-QC/FFB/FFDRPO	0.15		19.0
	1.80		0.21		0.18		18.0
J-QC/FFB	2.10	J-QC/FFB	0.30		0.27		4.0
	1.22		0.29	J-QC/FFB	0.17		3.8
	1.23		0.24	J-QC/FFB	0.15		3.1
J-QC/FFB	1.41		0.29		0.22		2.3

J-QC/FFB	1.65		0.23		0.21		4.0
J-QC/FFB	1.88		0.21		0.20		4.0
	1.26	J-QC/FFB	0.20		0.18		3.3
	1.91		—	NAP	—	NAP	3.3
J-QC/FFB	2.62		0.20		0.19		3.5
	2.74		0.22	J-QC/FFD/RPO	0.25		2.1
J-QC/FFB	2.65	J-QC/FFB	0.27		0.22		2.8
J-QC/FFB	2.91	J-QC/FFB	0.25		0.22		3.0
	2.70		0.31		0.27		2.2
	1.94		0.23		0.21		2.3
	0.799		0.11	J-QC/FFD/RPO	0.09		1.5
	0.761		0.12		0.09		1.0
	0.821		0.11		0.08		1.0
J-QC/FFB	0.877		0.09		0.07		2.6
J-R	0.863		0.10		0.07		12.0
J-R	0.412		0.08		0.06		22.1
J-R	0.421		0.08		0.05		21.7
	0.917		0.17		0.14		8.2
	1.35		0.21	J-QC/FFD/RPO	0.18	J-QC/FFD/RPO	6.3
	1.34		0.30	J-QC/FFD/RPO	0.27	J-QC/FFD/RPO	5.7
J-QC/FFB	1.72		0.22		0.19		12.1
	2.14		0.24		0.15	J-QC/FLS	5.3
	1.35		0.22		0.16		37.6
	1.49		0.22		0.17		49.2
	2.36		0.28		0.24		13.1
	1.92		0.28		0.19		21.0
	1.61		0.36		0.28		56.0
	1.54	J-QC/FFB	0.44	J-QC/FFB	0.31		127.2
	1.36		0.29		0.24		18.2
	1.22		0.29		0.24		34.5
	2.35		0.25		0.21		19.0
	1.57		0.28		0.23		11.3
	2.59		0.34		0.29		26.8
	2.67		0.31		0.27		24.2
	1.67		0.31		0.26		35.1
	1.74		0.31		0.25		40.2
	2.03		0.28		0.25		4.6
	1.99		0.25		0.23		9.3
	2.03		0.24		0.22		10.6
J-QC/FFB	3.26		0.32	J-QC/FLS	0.31		2.8
J-QC/FFB	3.05		0.31	J-QC/FLS	0.29		2.8
	5.59		0.34		0.31		2.8
J-QC/FFB	2.48		0.23		0.20	J-QC/FLS	2.8
	1.25		0.28		0.20		5.7
	1.26		0.23		0.20		5.6
	3.35		0.34		0.31		3.0
J-R	1.24		0.25		0.15		3.6
	1.23		0.19		0.15		3.0

	2.5200		0.25		0.22		2.3
	2.0900		0.33	J-QC/FFB/FFDRPO	0.14		8.6
	0.453		0.37		0.13	J-QC/FLS	12.5
	0.4419		0.29		0.14	J-QC/FLS	16.3
J-QC/FFB	1.4829	J-QC/FLS	0.10		0.08		21.5
J-QC/FFB	1.4551	J-QC/FLS	0.11		0.08		20.4
KJ-QC/FFB	0.6746		0.11		0.08		9.4
	<0.0267	K	0.15		0.11		12.5
	<0.0267	K	0.14		0.10		12.9
	1.3300		0.22		0.17		12.1
J-QC/FFB/FFDRPO	0.5665		0.11		0.11		3.4
J-QC/FFB/FFDRPO	0.6976		0.11		0.09		3.8
	1.2586	J-QC/FLS	0.22		0.19		14.5
	1.9034		0.26		0.23		10.1
	0.8607	J-QC/FLS	0.23		0.18		5.5
	0.8442	J-QC/FLS	0.21		0.16		5.6
J-QC/FFB	1.1245		0.18		0.15		9.2
J-QC/FFB	0.8134		0.11	J-QC/FLD/RPO	0.12		5.0
J-QC/FFB	0.7960		0.09	J-QC/FLD/RPO	0.11		3.7
J-QC/FFB	1.3003		0.22	J-QC/FLD/RPO	0.16		16.6
J-QC/FFB	1.3706		0.20	J-QC/FLD/RPO	0.15		18.0
	2.5788	J-QC/FFB	0.31		0.28		9.6
	1.7533		0.24		0.21	J-QC/FLS	9.89
	1.4802		0.23		0.21	J-QC/FLS	10.3
	1.8057	J-QC/FFB	0.22		0.19		10.1
	1.1064		0.19		0.17	J-QC/FFB	6.0
	1.1583		0.17		0.17	J-QC/FFB	5.7
	0.5680		0.17	J-QC/FLS	0.15		3.7
	0.5790		0.13	J-QC/FFB/FLDRPOFLS	0.12	J-QC/FFB	6.38
	0.4037		0.12		0.09		7.75
	0.4119		0.11		0.08		7.61
	0.9344		0.17		0.14		2.14
	0.7203		0.11		0.09		2.57
	0.7809		0.09		0.08		2.42
	1.0642		0.10	J-QC/FFD/RPO	0.13		1.67
J-QC/FFB	0.8640	J-QC/FFB	0.12		0.09		1.33
	0.9663		0.15		0.11		9.04
	0.9478		0.12		0.10		14.6
[redacted]							
J-QC/FFB	1.5581		0.13	J-QC/FFD/RPO	0.12	J-QC/FFD/RPO	10.9
	1.7855	J-QC/FFB	0.13		0.10		48.8
	2.0236	J-QC/FFB	0.11		0.09		46.5
J-QC/FFB	1.4881	J-QC/FFB	0.14	J-QC/FFD/RPO	0.10		16.5
J-QC/FFB/FFDRPOFLS	2.1129	J-QC/FFB	0.27		0.16		59.1
	1.9346		0.24	J-QC/FFD/RPO	0.19		5.61
J-QC/FFB	1.7089		0.23	J-QC/FFD/RPO	0.20	J-QC/FFD/RPO	3.03
	2.4602	J-QC/FLS	0.25		0.22		17.6
	2.2941	J-QC/FLS	0.23		0.20		20.9
	1.2338		0.24		0.21		2.12
J-QC/FFB/FFDRPO	0.8848		0.19	J-QC/FFD/RPO	0.16		2.13

J-QC/FFB	1.5872		0.23		0.22		17.4
J-QC/FFB	1.6220		0.18		0.20		12.9
	1.4451		0.23	J-QC/FFD/RPO	0.23	J-QC/FFB	5.82
J-QC/FFB	1.8155	J-QC/FLS	0.23		0.21		5.85
	1.8554		0.29		0.25		14.2
	1.8640		0.28		0.23		13.6
	2.8322		0.33	J-QC/FFD/RPO	0.28	J-QC/FFB	16.7
	2.1360	J-QC/FFB	0.31		0.28		3.43
	2.1408	J-QC/FFB	0.29		0.29		1.64
	1.8048		0.22	J-QC/FFD/RPO	0.19	J-QC/FFB/FFDRPO	1.84
	2.7283	J-QC/FLS	0.28		0.27		3.58
	2.7264	J-QC/FLS	0.28		0.25		3.94
	1.9878		0.29		0.24		4.47
J-QC/FFB	1.7988	J-QC/FLS	0.24		0.23		1.04
J-QC/FFB	1.8363	J-QC/FLS	0.22		0.21		1.05
	1.8916		0.23	J-QC/FFD/RPO	0.23		6.21
	2.6576		0.31		0.29		1.92
J-QC/FFB	1.8078	J-QC/FFB	0.24	J-QC/FFD/RPO	0.21		1.06
	1.9028		0.22		0.21		5.49
	1.9391		0.18		0.18		3.02
	1.7221		0.21	J-QC/FFD/RPO	0.19		2.79
	2.4132	J-HT/EHT	0.34	J-QC/FFD/RPO	0.32		2.18
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
	2.3549	J-QC/FLS	0.32		0.30		1.04
	2.3270	J-QC/FLS	0.32		0.30		1.66
J-QC/FFB	2.2971		0.33		0.30		4.18
[redacted]							
	1.4113	J-HT/EHT	0.17	J-QC/FFD/RPO	0.13	J-QC/FFD/RPO	2.70
J-HT/EHT	1.8625	J-QC/FFB	0.13	J-QC	0.11	J-QC	2.43
NA	—	NA	—	NA	—	NA	—
[redacted]	0.9847	J-HT/EHT	0.10	J-QC/FFD/RPO	0.07	J-QC/FFD/RPO	6.67
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
[redacted]	1.7213	[redacted]	0.16	J-QC/FFD/RPO	0.12	J-QC	13.8
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
[redacted]	2.2274	[redacted]	0.23	J-QC	0.19	[redacted]	17.2
J-HT/EHT	1.9964	J-HT/EHT	0.33	J-QC/FLD/RPOFMS	0.22	J-QC/FFD/RPO	13.2
J-QC/FFB/FFDRPO	1.4878	J-QC/FFB	0.23	[redacted]	0.19	[redacted]	1.17
J-QC/FFB/FFDRPO	1.6628	J-QC/FFB	0.23		0.18		1.00
[redacted]	1.8055	J-QC/FFB	0.28	J-QC/FFD/FLDRPO	0.23		5.63
	0.4312	[redacted]	0.17	J-QC	0.14	J-QC	0.729
J-QC/FFB	1.0649		0.30	J-QC/FFD/RPO	0.24	[redacted]	1.74
[redacted]	0.5729		0.13	[redacted]	0.13	J-QC/FLD/RPO	2.62

[redacted]	0.5241	[redacted]	0.14	[redacted]	0.13	J-QC/FLD/RPO	2.04
J-QC/FFB	0.4624	[redacted]	0.14	J-QC/FLD/RPO	0.12	[redacted]	1.22
J-QC/FFB	0.5105	[redacted]	0.11	J-QC/FLD/RPO	0.12	[redacted]	1.49
[redacted]	1.0040	J-QC/FFD/RPO	0.23	J-QC/FFD/FLDRPO	0.22	J-QC/FFD/FLDRPO	<0.231
[redacted]	0.9672	[redacted]	0.31	[redacted]	0.28	[redacted]	22.7
[redacted]	2.0425	[redacted]	0.22	J-QC/FMS	0.20	[redacted]	1.17
[redacted]	1.9025	[redacted]	0.23	J-QC/FMS	0.18	[redacted]	2.87
[redacted]	1.6219	J-QC/FFB	0.16	[redacted]	0.14	[redacted]	2.04
[redacted]	1.7200	[redacted]	0.21	[redacted]	0.17	[redacted]	2.86
[redacted]	1.7988	[redacted]	0.21	[redacted]	0.15	[redacted]	3.98
[redacted]	1.4476	[redacted]	0.22	J-QC/FFD/RPO	0.22	[redacted]	2.16
[redacted]	1.4913	[redacted]	0.19	[redacted]	0.18	[redacted]	1.87
[redacted]	1.4391	[redacted]	0.18	[redacted]	0.18	[redacted]	2.24
J/LLS	1.8471	J-QCJ-HT/FFB/EHT	0.21	[redacted]	0.19	J-QC/FFD/RPO	2.13
[redacted]	2.4021	[redacted]	0.25	J-QC	0.24	J-QC	2.66
[redacted]	2.6566	[redacted]	0.24	J-QC	0.22	J-QC	5.26
J-QC/FFB	2.1380	J-QC/FLS	0.21	[redacted]	0.19	[redacted]	2.04
[redacted]	2.3922	[redacted]	0.24	[redacted]	0.21	J-QC/FFD/RPO	4.09
[redacted]	1.8379	J-QC/FFB	0.22	[redacted]	0.19	J-QC/FMS	1.97
J-QC/FFB	3.7251	J-QCJ-HT/FLS/EHT	0.30	J-QC/FFD/RPO	0.30	[redacted]	3.81
J-QC/FFB	3.7474	J-QCJ-HT/FLS/EHT	0.49	J-QC	0.42	J-QC/FFD/RPO	2.94
[redacted]	4.7239	J-QC/FFB/FLS	0.47	J-QC/FFD/RPO	0.44	J-QC/FFD/RPO	4.21
[redacted]	1.8405	[redacted]	0.27	[redacted]	0.24	[redacted]	1.63
[redacted]							
J-QC	2.7022	J-QCJ-HT/FLS	0.19		0.17	J-HT	3.15
J-QC/FFB/FFDRPO	0.8905	J-QCJ-HT/FLS	0.12		0.08		3.07
J-QC/FFB	0.5477	J-QC/FLS	0.11	J-QC/FFB	0.06		2.63
J/LLS	0.3444		0.11	J-QC/FFB	0.05		5.53
J/LLS	0.3618		0.09	J-QC/FFB	0.05		5.39
J/LLS	0.7187	J-QC/FFD/RPO	0.12		0.09		3.91
	0.8454		0.13		0.10		8.75
J-QC/FFB	1.0151		0.14		0.13	J-QC/FFB	4.88
J-QC/FFB	1.7285	J-QC/FLS	0.18		0.14		17.2
J-QC/FFB	1.7893	J-QC/FLS	0.16		0.12		19.2
J-QCJ-HT/FFB	1.3918	J-QC	0.16	J-QC	0.14	J-QC	10.5
J-QC/FFB	0.9483		0.17	J-QC/FMS	0.09		5.98
J-QC/FFB	0.8895		0.15	J-QC/FMS	0.08		6.23
J-QC/FFB	1.1964		0.18		0.13		64.4
J-QC/FFB	1.5970		0.23		0.19		27.9
J-QC/FFB	1.5499		0.22		0.19		31.4
J-QC/FFB	1.3229		0.21	J-QC/FFB/FMS	0.17	J-QC/FMS	7.54
J-HT	1.2352		0.22	J-QC/FFB	0.17		6.58
	1.9955	J-QC/FLS	0.21		0.18		18.2
J-QC/FFB	2.0433	J-QC/FLS	0.28		0.25		7.43
J-QC/FFB	2.3530	J-HT	0.28		0.21		20.3
J-QC/FFD/RPO	2.8972		0.32		0.29		14.7
J-QC/FFD/RPO	2.9460		0.31		0.28		14.5
	3.2169		0.36		0.31		14.7
J-QC/FFB	2.1673		0.28		0.25		14.5
J-QC/FFB	2.9719		0.29	J-QC/FFB/FMS	0.25		9.04

J-QC/FFB	3.2296	J-HT	0.32	J-QC/FFB	0.29		7.53
J-QC/FFB	3.6482		0.35		0.34		8.78
J-QC/FFB	2.8763	J-QC	0.39	J-QC	0.32	J-QC	4.63
J-QC/FFB	4.4037	J-QC/FLS	0.57	J-QC	0.48	J-QC	2.27
	1.2179		0.22		0.17		2.03

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	2.5	0.00	0.00
	5.3	0.36	0.36
[redacted]			
	<0.5	0.00	0.00
	12.0	0.00	0.00
	4.1	0.00	0.00
	1.8	0.03	0.51
	9.1	0.16	0.16
	6.8	0.00	0.06
	6.5	0.09	1.26
	7.1	0.24	0.25
	1.0	0.00	0.03
	4.5	0.10	0.10
	4.8	0.00	0.05
	3.5	0.00	0.00
	2.1	0.00	0.00
	6.9	0.00	0.00
	5.8	0.00	0.00
	2.7	0.00	0.00
	7.2	0.00	0.00
	5.0	0.00	0.00
	11.4	0.00	0.18
	11.5	0.00	0.00
	10.5	0.45	0.69
	5.6	0.00	0.00
	6.9	0.00	0.00
	19.9	0.00	0.00
	7.5	0.00	0.00
	7.5	0.00	0.00
	6.5	0.00	0.00
	8.8	0.39	0.39
	4.3	0.00	0.00
	8.0	0.00	0.00
	5.8	0.00	0.00
	5.5	0.00	0.00
[redacted]			
	4.0	0.19	0.19
	<0.5	0.00	0.00
	<0.5	0.13	0.77
	<0.5	0.00	0.12
	<0.5	0.00	0.00
	1.5	0.19	0.19
	1.1	0.00	0.00
	1.3	0.09	0.24
	<0.5	0.00	0.00
	0.9	0.00	0.00

<0.5	0.40	0.40	[redacted]
—	0.00	0.00	
<0.5	0.00	0.00	
4.8	0.04	0.54	[redacted]
—	0.83	0.83	
—	0.00	0.00	
5.4	0.00	0.00	
4.1	0.07	0.07	
4.8	0.00	0.00	
6.7	0.00	0.00	
4.5	0.00	0.08	
2.8	0.00	0.00	[redacted]
11.5	0.00	0.00	
3.9	0.00	0.00	
3.4	0.00	0.00	
3.0	0.00	0.12	
6.0	0.80	0.80	
29.6	0.30	0.30	
9.1	0.00	0.00	
7.8	0.00	0.00	[redacted]
6.2	0.00	0.06	
[redacted]			
6.3	0.00	0.00	
7.4	0.00	0.00	
3.9	0.00	0.00	
6.2	0.00	0.00	
3.0	0.00	0.00	
2.7	0.00	0.00	
3.3	0.41	0.47	
4.0	0.00	0.00	
5.7	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
3.2	0.00	0.00	
5.7	0.02	0.02	
10.9	0.00	0.00	
3.4	0.00	0.00	
—	0.03	0.15	
6.6	2.05	2.10	
—	0.00	1.56	
—	0.00	0.00	
7.8	0.00	0.00	
6.4	0.00	0.00	
5.9	0.00	0.00	
5.8	0.62	1.01	
5.6	0.02	0.37	
7.1	0.00	0.00	
5.7	0.00	0.00	
6.5	0.00	0.00	

11.0	1.86	1.86
5.2	0.00	0.00
4.3	0.00	0.00
1.9	0.00	0.00
2.0	0.00	0.00
[redacted]		
1.8	0.00	0.00
1.3	0.00	0.00
2.1	0.00	0.00
2.7	0.00	0.42
2.3	0.00	0.00
2.1	0.01	0.01
1.5	0.00	0.00
3.7	0.17	0.17
3.7	0.32	0.74
3.5	0.00	0.00
2.5	0.00	0.00
1.9	0.00	0.00
3.3	0.00	0.00
1.8	0.00	0.00
3.1	0.00	0.00
4.7	0.84	0.90
4.0	0.22	0.22
3.8	0.22	0.22
4.4	0.00	0.00
3.6	0.00	0.00
4.0	0.00	0.00
2.9	0.00	0.00
6.4	0.00	0.00
8.4	0.00	0.00
6.1	0.00	0.00
9.9	0.01	0.01
10.5	1.48	1.51
4.3	0.00	0.00
5.1	1.09	1.14
7.8	0.00	0.00
8.4	0.00	0.00
6.8	0.00	0.00
7.0	0.07	0.65
5.2	0.00	0.00
—	0.00	0.00
7.0	0.30	0.30
7.2	0.00	0.61
6.0	0.00	0.00
[redacted]		
2.2	0.01	0.01
11.1	0.19	0.19
3.5	0.19	0.19
4.1	0.00	0.00
4.3	0.00	0.00

J-R	5.1		0.00	0.00
	6.1		0.00	0.48
	8.6		0.66	0.66
	6.1		0.00	0.14
	8.1		0.00	0.14
	5.0		0.00	0.00
	5.2		0.28	0.28
J-R	6.5		0.00	0.04
	5.6		0.14	0.15
	4.7		0.00	0.02
J-R	4.7		0.00	0.00
	5.6		0.00	0.80
J-R	5.9		0.00	0.00
	6.9		0.00	0.00
	7.1		0.00	0.00
J-R	7.4		0.00	0.00
	4.8		0.00	1.17
	3.3		0.00	1.17
J-R	5.0		0.00	0.00
	6.0		0.00	0.00
	5.1		0.00	0.00
	4.1		0.00	0.00
J-R	9.5		0.00	0.00
	9.1		0.00	0.00
	9.0		0.00	0.00
J-R	7.7		0.15	0.15
J-R	5.2		0.00	0.12
J-R	4.7		0.00	0.12
[redacted]				
J-R	5.2		0.05	0.05
K	5.4	J-QC/FFB	0.00	0.00
K	5.2	J-QC/FFB	0.00	0.00
KJ-HT/EHT	13.1		0.00	0.00
J-R	5.5		0.34	0.88
J-R	4.7		0.34	0.88
K	8.6		0.00	0.00
K	5.1		0.00	0.00
K	4.7		0.00	0.00
J-R	5.7		0.00	0.00
J-R	6.1		0.25	0.25
	7.9		0.01	0.68
	6.3		0.01	0.68
	—	NAPEFAI/EQF	0.00	0.00
	5.6		0.00	0.00
	5.5		0.00	0.00
	5.2	J-QC/FFB	1.44	1.44
	5.5		3.33	3.33
	7.1		0.00	0.00
	6.2		0.00	0.00
	10.3	J-QC/FFB	0.00	0.41

	6.2	J-QC/FFB	1.13	1.13
	5.6	J-QC/FFB	1.13	1.13
	7.8	J-QC/FFB	0.00	0.01
	—	NAP	0.00	0.00
	5.2	J-QC/FFB	0.00	0.00
	5.5	J-QC/FFB	0.00	0.00
	5.0	J-QC/FFB	0.00	0.00
	4.5	J-QC/FFB	0.00	0.00
	4.9		0.00	0.00
	5.4	J-QC/FFB	0.00	0.00
J-R	5.1	J-QC/FFB	0.00	0.00
[redacted]				
J-R	5.50	J-QC/FFB	0.00	0.00
J-R	5.80	J-QC/FFB	0.00	0.00
	5.60		0.00	0.00
	5.10	J-QC/FFB	0.00	0.00
	5.20		0.00	0.00
	5.20		0.00	0.00
	7.05		0.03	2.06
	6.51		0.00	0.00
	6.46		0.00	0.00
	5.00		0.00	0.00
	5.26		0.00	0.00
	5.24		1.11	1.11
	4.79		1.11	1.11
	4.24		0.00	0.18
	4.41	J-QC/FFB/FFDRPO	0.43	0.43
	6.00		0.00	0.00
	5.00	J-QC/FFB	1.09	1.09
J-QC/FSL	5.90	J-QC/FFB	0.00	0.05
	4.60	J-QC/FFB	0.00	0.00
	4.70	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	5.50	J-QC/FFB	0.00	0.00
	5.10	J-QC/FFB	0.00	1.24
	4.90	J-QC/FFB	0.00	1.24
	5.10	J-QC/FFB	0.02	0.36
	4.30	J-QC/FFB	0.02	0.36
	5.20	J-QC/FFB	0.00	0.00
	4.00	J-QC/FFB	0.00	0.00
	3.40	J-QC/FFB	0.00	0.00
	5.20	BJ-QC/FBK/FFB	0.00	0.93
	4.30	BJ-QC/FBK/FFB	0.00	0.93
	4.00	J-QC/FFB	0.00	0.00
	5.70	BJ-QC/FBK/FFB	1.05	1.05
	7.70	J-QC/FFB	0.01	0.28
	7.20	J-QC/FFB	0.01	0.28
	7.00	J-QC/FFB	0.50	0.50
	8.30	J-QC/FFB	0.00	0.00
	6.80	J-QC/FFB	0.00	0.00
[redacted]				

J-RJ-QC/FFD/RPO	4.8	J-QC/FFB	0.00	0.00
	6.2	J-QC/FFB	0.10	0.20
	5.1		0.00	0.17
	4.7		0.00	0.17
	3.1	J-QC/FFB	0.67	0.71
	3.8	J-QC/FFB	0.67	0.71
	5.9	BJ-QC/FBK/FFB	0.00	0.00
	5.4	BJ-QC/FBK/FFB	0.00	0.00
	4.3	BJ-QC/FBK/FFB	0.00	0.00
	4.7		0.64	0.76
	6.8	J-QC/FFB	0.00	0.03
	5.8	J-QC/FFB	0.00	0.03
	6.5	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.8	J-QC/FFB/FFDRPO	0.00	0.00
	5.4	J-QC/FFB/FFDRPO	0.00	0.00
	3.1	J-QC/FFB/FFDRPO	0.00	0.00
	5.4	J-QC/FFB/FFDRPO	0.00	0.00
	5.6	J-QC/FFB	0.00	0.00
	4.2	J-QC/FFB	0.00	0.00
	5.1	J-QC/FFB	0.00	0.00
	4.3	J-QC/FFB	0.00	0.00
	5.5	J-QC/FFB	0.00	0.39
	5.0	J-QC/FFB	0.00	0.28
	4.4	J-QC/FFB	0.00	0.28
	4.6	J-QC/FFB	0.00	1.32
	6.1	J-QC/FFB	0.22	0.23
	5.5	J-QC/FFB	0.22	0.23
	8.6	J-QC/FFB	0.00	0.00
	8.6	J-QC/FFB	1.36	5.34
	7.2	J-QC/FFB	0.00	0.00
	7.4	J-QC/FFB	0.00	0.00
	6.8	J-QC/FFB	0.04	0.04
	5.4	J-QC/FFB	0.00	0.00
	5.0	J-QC/FFB	0.00	0.00
J-R	4.9		0.01	0.01
J-R	4.3	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	4.8		2.19	2.41
J-QC/FFD/RPO	4.5		2.19	2.41
[redacted]				
	3.5		0.14	0.14
	4.1	J-QC/FFB	0.02	0.02
	3.7	J-QC/FFB	0.02	0.02
	4.2	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	3.7		0.00	0.00
	6.7		0.20	0.82
	5.3		0.03	0.03
	4.8		0.73	0.76
	4.5		0.73	0.76
J-QC/FSL	5.3	J-QC/FFB	0.46	0.86
	4.7	J-QC/FFB	0.02	1.38

J-QC/FSL	5.7	B/FBK	1.12	1.12
J-QC/FSL	5.1	B/FBK	1.12	1.12
	6.1	B/FBK	0.00	0.00
	4.6	J-QC/FFD/RPO	0.00	0.95
J-QC/FSL	4.6	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	3.4	BJ-QC/FBK/FFB	0.00	0.00
	4.5		0.00	0.00
J-QC/FFD/RPO	5.0		0.03	0.07
J-QC/FFD/RPO	4.2		0.03	0.07
J-QC/FFB/FFDRPO	5.1	J-QC/FFB	0.00	0.00
	3.4		0.00	0.05
	2.8		0.00	0.05
	2.9	J-QC/FFB/FFDRPO	0.00	0.00
	3.7		0.00	0.00
	3.8		0.00	0.00
J-QC/FSL	3.1	J-QC/FLD/RPO	0.12	0.62
J-QC/FFD/RPO	3.0	J-QC/FFB/FFDRPO	0.11	0.70
J-QC/FFD/RPO	3.2	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPOFSL	3.1		1.00	1.00
J-QC/FFD/RPOFSL	2.5		1.00	1.00
J-QC/FFB/FFDRPOFSL	3.8		0.00	0.00
J-QC/FSL	3.7		0.00	0.35
NA	—	NA	0.00	0.00
NA	—	NA	0.05	1.08
NA	—	NA	0.00	0.05
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	5.6	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	4.9	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFB/FFDRPO	4.4		0.00	0.00
[redacted]				
	3.85	J-QC/FFB/FFDRPO	0.70	0.81
	4.14	J-QC/FFB	0.03	0.03
NA	—	NA	0.18	0.18
J-QC/FFD/RPO	4.19	J-QC/FFB	0.20	0.20
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFB/FFDRPO	3.9	J-QC/FFB	0.46	0.47
NA	—	NA	0.03	0.05
NA	—	NA	0.00	0.13
NA	—	NA	0.00	0.13
J-QC/FFD/RPO	4.7	[redacted]	0.00	0.00
J-QC/FFD/RPO	4.8	J-QC	1.46	2.61
J/LLS	7.0	J-QC/FFD/FLDRPO	0.00	0.00
J/LLS	14.2	J-QC/FFD/FLDRPO	0.00	0.00
J-QC/FFD/RPO	6.1	J-QC	0.53	0.53
J-QC/LLS/FFDRPO	8.1	J-QC	0.00	0.00
J-QC/LLS/FFDRPO	8.3	[redacted]	0.00	0.00
J-QC/FFB	8.0	J-QC/FSL	0.00	0.04

J-QC/FFB	7.3	J-QC/FSL	0.00	0.04
J-QC/LLS/FFB	7.3	J-QC/FFB	0.00	0.14
J-QC/LLS/FFB	6.3	J-QC/FFB	0.00	0.14
K	9.5	J-QC	0.01	0.12
J-QC/FFB/FFDRPO	11.4	[redacted]	0.00	0.00
J-QC/LLS/FFDRPO	7.1	J-QC/FFB/FLDRPO	0.00	0.00
J-QC/FFD/RPO	6.1	J-QC/FFB/FLDRPO	0.00	0.00
J-QC/FFB/FFDRPO	4.6	J-QC/FFB/FLDRPO	0.57	0.76
J-QC/FFD/RPO	5.7	J-QC/FFD/RPO	0.00	0.02
J-QC/FFD/RPO	10.3	J-QC/FFD/RPO	0.00	0.02
J-QC/FFB	6.3	J-QC	0.00	0.00
J/LLS	6.5	J-QC	1.01	1.41
	6.8	J-QC	1.01	1.41
J-QC/FFB	5.9	[redacted]	0.00	0.00
J-QC/FFD/RPO	4.8	J-QC	0.01	0.04
J-QC/FFD/RPO	4.5	J-QC	0.01	0.04
J-QC/FFD/RPO	4.0	[redacted]	0.00	0.05
J-QC/FFD/RPO	3.5	[redacted]	0.00	0.00
J-QC/LLS/FFB	4.1	[redacted]	0.00	0.04
J-QC/FFB	3.7	[redacted]	0.00	0.00
	3.25	J-QC	0.00	0.00
	2.74	J-QC/FFD/RPO	0.00	0.03
J/LLS	10.55	J-QC/FFD/RPO	0.00	0.00
[redacted]				
J-QC	2.1		0.00	0.00
	4.2		0.00	0.00
	4.6		0.01	0.01
	6.0		0.00	0.00
	5.0		0.00	0.00
	6.2	B/FBK	0.00	0.00
	5.9	B/FBK	0.00	0.00
	5.5		0.00	0.00
	6.4		0.99	0.99
	6.1		0.99	0.99
J-QC	4.8	J-QC/FMS	0.00	2.46
	5.6		0.00	0.00
	5.4		0.00	0.00
	4.8	J-QC/FFD/RPO	0.00	0.00
	4.3	J-QC/FMS	0.00	0.00
	4.2	J-QC/FMS	0.00	0.00
	4.8	J-QC/FMS	0.49	0.49
	3.9		0.73	1.48
	3.8		0.00	0.00
	3.8	J-QC/FFB	0.00	0.00
	4.4		0.00	0.00
	4.4		0.00	0.00
	4.8		0.00	0.00
	4.6		0.00	0.00
	3.2		0.03	0.03
	3.3		0.00	0.00

	6.3	J-QC/FFB/FLDRPO	0.00	0.00
	3.4		0.00	0.00
	3.2	J-QC	0.37	0.37
	4.6	J-QC	0.23	0.23
J/LLS	5.8	J-QC	1.59	1.59

[redacted]

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122 0

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[redacted]

[redacted]

[redacted]

[redacted]

Station #6 Saddle River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 4, 2003	10:10	6.86	3.5	11.11
December 17, 2003	12:20	6.90	6.0	11.29
2004				
January 7, 2004	13:40	5.90	—	13.77
February 10, 2004	11:15	6.68	5.1	11.23
February 19, 2004	12:00	7.27	4.5	10.80
March 9, 2004	09:40	7.31	6.5	10.28
March 16, 2004	09:40	7.24	8.3	9.30
April 5, 2004	09:45	7.61	6.0	10.10
April 27, 2004	09:55	7.00	13.0	8.67
May 3, 2004	09:50	6.80	15.8	6.91
May 10, 2004	10:10	7.34	15.6	—
May 24, 2004	09:45	6.45	19.1	4.87
June 7, 2004	—	—	—	—
June 14, 2004	09:30	7.62	—	7.50
June 21, 2004	—	—	—	—
June 30, 2004	—	7.40	24.4	—
July 8, 2004	—	—	—	—
July 12, 2004	10:40	6.98	22.0	—
July 19, 2004	09:20	7.17	20.4	4.20
July 26, 2004	09:30	7.03	24.4	4.20
August 2, 2004	09:40	7.37	27.5	6.84
August 9, 2004	09:50	7.66	—	7.46
August 16, 2004	09:55	6.93	—	4.71
August 23, 2004	09:57	7.13	—	7.19
August 30, 2004	—	—	—	—
September 13, 2004	12:20	—	21.62	10.04
September 20, 2004	09:50	6.93	15.13	9.29
September 27, 2004	10:05	7.28	17.8	7.38
October 5, 2004	—	—	—	—
October 19, 2004	10:20	—	12.15	8.70
November 3, 2004	10:00	—	12.8	7.81
November 16, 2004	09:50	—	8.4	9.44
November 30, 2004	09:30	—	8.5	10.46
December 14, 2004	09:40	—	6.8	10.76
2005				
January 11, 2005	09:50	7.62	5.73	12.93
February 8, 2005	10:02	—	5.57	11.54
February 15, 2005	10:10	—	5.07	12.67
March 2, 2005	10:09	—	3.90	16.84
March 15, 2005	10:20	7.86	5.04	18.24
April 7, 2005	11:30	7.12	12.8	—
April 19, 2005	10:15	7.49	13.61	10.42
May 2, 2005	09:50	7.26	12.6	—
May 9, 2005	10:08	6.64	13.90	8.69
May 17, 2005	09:55	6.81	15.7	—

June 6, 2005	10:00	7.31	20.68	6.69
June 14, 2005	09:58	7.55	25.1	—
June 20, 2005	09:42	7.32	17.86	6.82
June 28, 2005	09:43	7.28	22.32	5.04
July 5, 2005	10:08	7.36	22.7	—
July 12, 2005	10:01	7.58	24.0	—
July 19, 2005	10:15	7.26	25.4	—
July 25, 2005	10:38	7.51	22.35	6.16
August 2, 2005	10:30	7.14	24.3	—
August 8, 2005	11:18	—	23.79	6.77
August 16, 2005	09:58	7.29	22.6	—
August 22, 2005	10:02	7.51	22.33	—
September 6, 2005	10:36	—	19.7	—
September 13, 2005	09:40	—	20.7	—
September 19, 2005	10:02	7.13	20.5	—
September 27, 2005	10:01	7.20	18.8	—
October 24, 2005	09:23	—	11.1	9.02
November 9, 2005	10:39	7.16	11.3	8.48
November 28, 2005	09:54	—	9.2	9.63
December 12, 2005	09:43	7.81	4.7	11.17
December 27, 2005	09:57	6.74	6.0	12.14
2006				
January 9, 2006	09:57	6.38	6.05	14.61
January 25, 2006	09:40	7.33	5.65	13.67
February 8, 2006	09:46	7.48	4.67	12.73
February 22, 2006	10:00	7.56	4.21	13.61
March 8, 2006	10:12	7.60	5.49	12.75
March 22, 2006	09:54	7.41	6.46	13.17
April 5, 2006	09:57	7.47	9.19	9.80
April 17, 2006	09:49	7.49	12.69	8.89
May 2, 2006	10:40	7.67	13.61	10.64
May 8, 2006	10:13	7.22	14.9	7.36
May 18, 2006	09:35	7.27	15.25	8.15
May 23, 2006	10:02	7.35	12.97	9.19
May 31, 2006	10:25	7.44	21.26	7.84
June 6, 2006	10:17	7.38	17.52	7.78
June 12, 2006	09:47	7.47	16.19	8.15
June 20, 2006	10:15	7.58	21.93	7.30
June 27, 2006	10:02	7.47	21.12	7.30
July 5, 2006	11:58	7.48	21.91	6.78
July 13, 2006	09:40	7.42	23.31	6.77
July 17, 2006	09:40	7.56	22.83	7.00
July 26, 2006	10:00	7.54	21.72	7.56
August 7, 2006	09:55	7.50	22.86	7.08
August 22, 2006	09:56	7.46	20.63	7.09
August 28, 2006	10:25	7.41	20.10	8.83
September 6, 2006	10:05	7.42	18.13	8.71
September 12, 2006	10:00	7.53	15.71	9.54
September 19, 2006	09:48	7.44	19.31	10.17
September 26, 2006	09:54	7.55	16.17	10.83

October 11, 2006		10:00	7.38	16.06	8.75
October 24, 2006		10:21	7.50	10.71	9.49
November 20, 2006		10:07	7.43	9.74	10.39
December 5, 2006		10:56	7.47	6.23	11.39
December 19, 2006		10:47	8.29	7.57	11.48
2007					
January 4, 2007		09:58	7.51	6.72	11.53
January 17, 2007		10:18	7.57	3.20	13.78
January 30, 2007		10:34	7.52	2.42	13.53
February 27, 2007		10:30	7.70	5.25	13.41
March 13, 2007		10:28	7.48	7.20	11.87
March 27, 2007		11:25	7.38	10.80	11.57
April 11, 2007		10:21	7.47	8.26	11.51
April 25, 2007		10:48	7.29	14.27	9.56
May 2, 2007		10:45	7.20	13.98	8.39
May 7, 2007		10:14	7.60	12.74	9.39
May 15, 2007		10:27	7.55	15.43	8.77
May 22, 2007	A	10:57	7.43	15.65	8.52
May 22, 2007	B	10:57	—	—	—
May 30, 2007	A	10:10	7.46	18.38	7.41
May 30, 2007	B	10:10	—	—	—
June 7, 2007	A	10:30	7.53	17.13	8.01
June 7, 2007	B	10:30	—	—	—
June 12, 2007	A	10:30	7.67	20.47	7.55
June 12, 2007	B	10:30	—	—	—
June 19, 2007		10:03	7.53	20.59	7.25
June 26, 2007		10:18	7.60	21.32	6.93
July 10, 2007	A	10:12	7.51	23.79	6.49
July 10, 2007	B	10:12	—	—	—
July 17, 2007		10:08	7.52	21.27	7.15
August 1, 2007	A	10:36	7.65	22.52	7.55
August 1, 2007	B	10:36	—	—	—
August 7, 2007		10:22	7.64	22.63	6.82
August 13, 2007		09:58	7.84	21.69	7.40
August 21, 2007	A	10:32	7.53	17.08	8.30
August 21, 2007	B	10:32	—	—	—
September 5, 2007	A	10:37	8.03	19.60	7.56
September 5, 2007	B	10:37	—	—	—
September 11, 2007		10:30	7.38	22.51	6.06
September 20, 2007	A	10:13	7.88	16.58	7.96
September 20, 2007	B	10:13	—	—	—
September 26, 2007		10:12	7.85	19.22	7.23
October 10, 2007		10:16	7.87	18.18	8.28
October 23, 2007		10:25	7.89	17.04	7.75
November 8, 2007		10:07	—	7.97	9.02
November 19, 2007		10:14	—	7.55	9.34
December 4, 2007		10:31	—	4.15	10.80
December 18, 2007	A	10:25	—	2.36	11.33
December 18, 2007	B	10:25	—	—	—
2008					

January 29, 2008		10:04	7.46		4.14		10.81
February 26, 2008		10:36	7.62		5.29		11.11
March 25, 2008		10:51	7.66		7.17		11.97
April 15, 2008		10:22	7.68		10.70		11.37
May 6, 2008	A	10:34	8.41		15.04		8.14
May 6, 2008	B	10:34	—		—		—
May 13, 2008	A	10:54	6.88		12.93		8.65
May 13, 2008	B	10:54	—		—		—
May 20, 2008	A	10:40	7.46		12.40		8.23
May 20, 2008	B	10:40	—		—		—
May 28, 2008		10:16	7.38		17.12		7.41
June 3, 2008		11:07	8.28		18.70		7.32
June 10, 2008		10:48	7.70		23.94		5.51
June 17, 2008		10:52	—		20.51		7.69
June 24, 2008		10:19	—		20.54		6.42
July 1, 2008		10:12	7.56		21.88		6.91
July 9, 2008		10:27	7.66		23.53		6.45
July 15, 2008		11:05	—		22.15		6.47
July 22, 2008		10:37	—		23.53		5.40
July 29, 2008		10:12	—		22.04		7.10
August 5, 2008	A	10:07	—		21.09		6.84
August 5, 2008	B	10:07	—		—		—
August 12, 2008		10:29	—		18.93		7.96
August 19, 2008	A	10:18	—		21.52		7.51
August 19, 2008	B	10:18	—		—		—
August 26, 2008		10:13	—		18.77		7.04
September 3, 2008		11:26	—		22.03		8.25
September 9, 2008	A	10:11	—		20.31		7.06
September 9, 2008	B	10:11	—		—		—
September 17, 2008		09:55	—		17.44		8.31
September 23, 2008		12:40	—		18.31		10.31
November 24, 2008	A	10:34	—		4.39		10.57
November 24, 2008	B	10:34	—		—		—
December 2, 2008		10:12	—		6.69		14.09
2009							
February 3, 2009		10:30	—	NAPEFAI/EQF	4.92		11.80
March 4, 2009		10:39	—	NAPEFAI/EQF	1.78		14.32
April 8, 2009		10:30	—	NAPEFAI/EQF	8.2		5.74
May 5, 2009		10:29	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
May 12, 2009		10:05	—	NAPEFAI/EQF	14.1		8.02
May 19, 2009		11:01	—	NAPEFAI/EQF	13.4		8.06
May 27, 2009		10:16	—	NAPEFAI/EQF	14.9		7.49
June 2, 2009		10:33	—	NAPEFAI/EQF	17.5		7.31
June 16, 2009		10:33	7.16		16.79		8.26
June 23, 2009		10:45	7.40		18.60		8.02
July 14, 2009		10:29	7.41		18.84		8.34
July 21, 2009		10:28	7.22		19.99		7.69
July 29, 2009		10:54	7.36		22.55		6.92
August 4, 2009		10:40	7.47		20.90		7.69
August 11, 2009		10:25	7.51		22.20		7.74

August 18, 2009	10:41	7.71		22.81		8.42
August 25, 2009	10:45	7.22		21.60		7.91
September 1, 2009	11:17	7.50		18.09		8.40
September 9, 2009	10:14	7.62		18.95		8.74
September 15, 2009	10:14	7.50		18.29		8.80
September 22, 2009	10:26	7.61		17.23		9.05
October 6, 2009	10:12	7.42		13.84		8.59
November 18, 2009	10:14	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 16, 2009	10:08	7.23		5.51		11.27
2010						
January 5, 2010	10:49	7.12		1.80		12.25
February 1, 2010	10:36	7.51		1.88		14.14
March 9, 2010	10:27	7.40		8.03		11.29
April 7, 2010	10:21	7.18		14.73		8.94
May 4, 2010	11:15	7.16		18.92		7.65
May 11, 2010	10:31	7.45		11.72		9.76
May 17, 2010	10:15	7.04		15.21		8.60
May 25, 2010	10:16	7.43		17.90		8.01
June 9, 2010	10:22	7.45		16.55		8.27
June 14, 2010	10:04	7.41		19.52		6.49
June 22, 2010	10:34	7.62		21.86		6.90
June 29, 2010	10:50	7.31		24.32		5.39
July 13, 2010	10:29	7.55		23.08		6.90
July 20, 2010	10:32	7.38		23.93		6.70
July 27, 2010	11:01	7.55		22.39		8.28
August 3, 2010	10:27	7.58		21.45		7.37
August 10, 2010	10:33	7.52		23.81		6.44
August 17, 2010	10:16	7.35		22.58		5.70
August 24, 2010	10:06	7.37		19.96		7.83
August 31, 2010	10:50	7.61		21.61		8.01
September 8, 2010	11:22	7.68		21.95		8.37
September 14, 2010	10:26	7.53		17.75		8.12
September 21, 2010	10:26	7.61		15.82		9.25
September 27, 2010	11:05	7.51		17.97		7.73
October 6, 2010	11:01	7.55		15.79		8.62
November 16, 2010	10:06	7.28		11.70		8.92
December 7, 2010	10:17	7.40		3.95		12.23
2011						
January 4, 2011	11:19	5.62		3.20		11.89
February 8, 2011	10:29	6.20		5.20		11.85
March 8, 2011	10:34	—	NAPEFAI/EQF	5.98		12.28
April 12, 2011	10:14	7.40		14.53		7.30
May 3, 2011	10:22	7.43		14.32		8.82
May 10, 2011	10:02	7.37		14.42		8.51
May 17, 2011	10:49	7.33		14.04		8.41
May 24, 2011	10:03	7.28		15.71		7.72
June 2, 2011	10:00	7.30		19.97		7.06
June 7, 2011	10:01	7.51		18.58		8.14
June 16, 2011	10:08	7.31		18.45		8.96
June 21, 2011	10:00	7.47		20.33		13.18

June 28, 2011	10:18	7.47	20.54	9.02
July 12, 2011	10:07	7.41	23.28	8.87
July 26, 2011	10:29	7.46	22.68	8.61
August 2, 2011	10:28	—	28.03	7.94
August 10, 2011	10:17	7.52	22.90	8.74
August 16, 2011	10:20	7.49	20.62	10.10
August 23, 2011	09:59	7.56	19.38	7.83
September 7, 2011	10:39	7.19	18.40	9.27
September 12, 2011	10:13	7.36	19.05	8.65
September 20, 2011	10:15	7.44	16.15	10.95
September 27, 2011	10:00	7.34	19.52	14.00
October 18, 2011	09:52	7.46	14.12	8.46
November 3, 2011	10:15	7.29	9.67	10.10
December 7, 2011	09:53	7.27	11.98	9.18
2012				
January 11, 2012	10:11	7.61	5.39	11.92
February 8, 2012	09:57	6.65	5.80	11.81
March 6, 2012	10:13	7.39	5.03	13.07
April 18, 2012	10:04	7.56	15.78	9.96
May 2, 2012	10:08	7.12	14.04	7.75
May 8, 2012	10:00	7.50	14.83	8.27
May 15, 2012	10:02	7.45	17.27	7.35
May 24, 2012	10:53	7.28	18.55	7.42
May 30, 2012	10:40	7.12	22.27	6.15
June 5, 2012	10:03	7.35	16.06	10.32
June 12, 2012	09:56	7.52	19.84	7.65
June 19, 2012	10:08	7.39	18.98	7.75
June 26, 2012	10:42	7.28	19.57	7.38
July 10, 2012	10:06	7.48	22.43	6.09
July 17, 2012	10:33	7.40	24.26	6.72
July 24, 2012	10:17	7.59	23.14	6.89
July 31, 2012	10:00	7.30	22.30	6.95
August 7, 2012	10:25	7.68	22.40	7.02
August 14, 2012	10:20	8.66	22.03	8.17
August 20, 2012	10:40	7.50	20.01	5.85
August 28, 2012	09:52	7.53	23.01	5.94
September 5, 2012	10:09	7.76	23.12	5.26
September 11, 2012	09:54	7.42	17.04	8.20
September 18, 2012	10:03	7.43	19.48	7.43
September 25, 2012	10:00	7.64	14.66	10.17
October 16, 2012	10:05	7.72	14.58	9.04
November 5, 2012	10:22	7.73	9.48	12.17
November 7, 2012	10:36	7.81	7.12	14.22
November 8, 2012	10:38	7.44	6.72	16.18
November 9, 2012	10:28	7.76	7.45	16.82
November 14, 2012	10:50	7.70	9.46	10.23
November 15, 2012	10:54	7.73	8.57	16.08
November 28, 2012	10:26	7.80	6.20	14.21
December 12, 2012	08:55	8.26	7.44	10.66
2013				

January 15, 2013	08:51	8.66		8.06		10.53
February 12, 2013	09:00	8.78		4.20		13.13
February 25, 2013	09:06	7.78		4.67		12.85
March 6, 2013	09:00	7.80		6.55		11.90
March 20, 2013	08:55	7.26		4.07		13.01
April 9, 2013	10:02	7.88		14.04		10.68
April 17, 2013	10:21	7.39		14.65		7.37
April 29, 2013	10:37	7.68		14.50		10.48
May 1, 2013	10:29	8.33		14.26		12.16
May 8, 2013	10:14	7.37		16.23		10.90
May 14, 2013	10:15	7.86		12.80		9.70
May 22, 2013	10:34	7.18		19.31		7.65
May 29, 2013	10:14	7.30		15.32		15.42
June 4, 2013	10:08	7.61		18.74		13.09
June 11, 2013	10:18	7.29		18.13		11.54
June 18, 2013	10:35	7.64		19.96		14.22
June 25, 2013	10:15	7.69		22.04		7.36
July 9, 2013	10:37	7.65		23.93		10.90
July 16, 2013	10:03	7.63		23.89		13.47
July 23, 2013	10:15	7.39		24.29		8.70
July 30, 2013	10:22	7.31		21.05		7.76
August 6, 2013	10:16	7.96		19.46		7.85
August 20, 2013	10:30	7.46		20.38		8.69
August 27, 2013	10:09	7.36		20.85		7.69
September 4, 2013	10:11	7.38		19.92		7.22
September 10, 2013	10:07	7.34		18.81		8.04
September 17, 2013	10:22	7.02		15.26		8.33
September 25, 2013	10:13	7.15		14.22		8.66
October 9, 2013	10:04	6.96		14.54		9.07
November 13, 2013	10:31	6.90		5.46		10.41
December 12, 2013	10:35	5.66		2.33		12.18
2014						
February 12, 2014	10:13	6.69		-0.09		14.23
March 17, 2014	10:19	6.86		3.83		12.44
April 2, 2014	10:16	6.67		8.52		10.90
May 6, 2014	10:21	6.95		12.88		8.49
May 13, 2014	10:10	7.07		16.62		8.17
May 20, 2014	10:18	7.05		14.43		9.30
May 28, 2014	10:32	7.08		17.05		7.82
June 3, 2014	10:01	7.45		18.31		7.80
Road closed - 6/10/14						
July 1, 2014	12:16	7.61		23.24		10.02
Road closed - 7/8/14						
July 30, 2014	10:06	7.29		18.88		8.32
August 5, 2014	10:43	7.38		21.23		7.97
August 12, 2014	11:54	7.27		21.10		9.06
August 19, 2014	10:22	7.88		18.87		7.64
August 27, 2014	10:31	7.48		20.91		7.07
September 3, 2014	10:45	7.43		22.35		6.53
September 9, 2014	10:16	7.24		18.54		7.23

September 15, 2014	10:29	7.47	15.66	8.38
September 23, 2014	10:26	7.14	14.90	8.42
September 29, 2014	10:30	7.25	18.38	7.72
October 15, 2014	10:36	7.15	18.15	7.56
November 13, 2014	10:30	7.21	9.72	10.00
December 9, 2014	10:35	6.99	3.91	13.62

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	84.0	0.4	—	2
	91.0	0.6	—	45
[redacted]				
	102.4	0.2	—	2
	99.1	0.5	—	8
	86.0	0.4	—	18
	94.0	0.4	—	5
	75.0	0.4	—	4
	90.4	0.4	—	10
	81.0	0.2	—	14
	70.7	0.4	—	10
	—	—	—	8
	65.1	0.4	—	5
	—	—	—	5
	—	—	—	4
	—	—	—	2
	—	—	—	53
	—	—	—	3
	—	—	—	4
	48.0	—	—	11
	46.0	—	—	6
	74.8	—	—	2
	79.1	—	—	2
	51.2	—	—	8
	75.4	—	—	6
	—	—	—	3
	114.4	0.17	—	2
	92.5	0.27	—	6
	77.6	0.4	—	1
	—	—	—	4
	81.1	0.25	—	16
	74.2	0.4	—	2
	80.6	0.4	—	2
	88.6	0.3	—	6
	88.7	0.3	—	1
[redacted]				
	103.5	0.40	—	6
	91.4	0.51	—	4
	95.4	0.31	—	44
	127.7	0.94	—	1
	139.9	0.62	—	1
	—	0.4	—	7
	100.5	0.40	—	4
	—	—	—	8
	82.9	0.41	—	2
	—	—	—	5

74.8	0.43	—	6
—	—	—	6
72.0	0.43	—	4
58.1	0.39	—	4
—	—	—	6
—	—	—	7
—	—	—	41
71.1	0.31	—	18
—	—	—	3
80.3	0.46	—	10
—	—	—	14
—	—	—	7
—	—	—	10
—	—	—	16
—	—	—	9
—	—	—	3
82.1	0.3	—	4
77.8	0.4	—	4
85.4	0.4	—	3
87.6	0.5	—	3
98.1	0.3	—	5
[redacted]			
118.9	0.36	—	2
109.2	0.40	—	3
98.6	0.39	—	5
104.6	0.46	—	1
101.3	0.53	—	4
107.4	0.46	—	8
85.3	0.43	—	4
83.9	0.45	—	5
102.5	0.46	—	8
72.9	0.5	—	5
81.5	0.36	—	6
87.2	0.39	—	4
88.6	0.45	—	4
81.5	0.36	—	6
83.0	0.35	—	6
83.6	0.42	—	4
82.2	0.35	—	6
77.5	0.26	—	31
78.0	0.26	—	12
81.6	0.42	—	4
86.1	0.37	—	3
82.4	0.43	—	6
79.1	0.48	—	5
97.4	0.15	—	42
92.2	0.34	—	4
96.2	0.43	—	4
110.3	0.37	—	4
110.3	0.41	—	2

89.2	0.43	—	5
85.7	0.44	—	4
91.7	0.31	—	4
92.3	0.41	—	4
97.8	0.41	—	3
[redacted]			
94.6	0.37	—	<1
103.1	0.36	—	4
99.3	0.42	—	4
106.4	0.99	—	4
98.6	0.52	—	<1
104.7	0.50	—	4
98.1	0.50	—	3
93.6	0.46	—	6
81.5	0.33	—	6
88.7	0.40	—	6
87.9	0.44	—	2
85.9	0.42	—	4
—	—	—	3
79.1	0.46	—	3
—	—	—	7
83.3	0.43	—	7
—	—	—	8
84.0	0.50	—	5
—	—	—	4
80.8	0.49	—	6
78.4	0.47	—	4
77.0	0.48	—	6
—	—	—	4
80.8	0.49	—	5
87.4	0.49	—	2
—	—	—	6
79.1	0.52	—	5
84.3	0.46	—	1
86.1	0.23	—	60
—	—	—	57
82.7	0.55	—	2
—	—	—	4
70.1	0.38	—	10
81.8	0.51	—	8
—	—	—	4
78.5	0.52	—	4
87.9	0.29	—	18
80.5	0.49	—	5
76.2	0.48	—	3
76.2	0.49	—	1
83.2	0.77	—	6
83.3	1.24	—	6
—	—	—	8
[redacted]			

	82.9		0.47		—	4	
	88.0		0.53		—	10	
	99.2		0.38		—	2	
	102.7		0.40		—	4	
	80.9		0.42		—	3	
	—		—		—	4	
	82.2		0.37		—	4	
	—		—		—	2	
	77.2		0.35		—	4	
	—		—		—	4	
	77.0		0.33		—	7	
	78.6		0.42		—	4	
	65.7		0.41		—	4	
	85.5		0.28		—	14	
	71.6		0.40		—	4	
	79.0		0.47		—	6	
	76.2		0.49		—	4	
	74.4		0.43		—	7	
	63.8		0.56		—	4	
	81.5		0.43		—	9	
	77.1		0.43		—	5	
	—		—		—	8	
	85.8		0.37		—	4	
	85.2		0.49		—	6	
	—		—		—	4	
	75.7		0.52		—	4	
	94.7		0.56		—	4	
	78.3		0.33		—	6	
	—		—		—	5	
	86.9		0.43		—	3	
	109.9		0.47		—	2	
	81.9		0.41		—	1	
	—		—		—	<1	
	115.3		0.38		—	2	
[redacted]							
	92.7		0.75		—	4	
	103.5		0.86		—	2	J-QC/FFD/RPO
	48.5		0.5		—	4	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	7	J-QC/FFB
	78.0		0.4		—	4	
	77.0		0.4		—	4	
	74.5		0.5		—	3	
	76.5		0.5		—	6	J-QC/FFD/RPO
	85.2		0.22		—	22	
	85.9		0.38		—	8	J-QC/FLD/RPO
	89.4		0.43		—	4	
	84.8		0.20		—	42	
	80.1		0.20		—	43	
	86.3		0.30		—	10	
	89.0		0.34		—	7	

	98.0		0.44		—		4	J-QC/FFD/RPO
	89.8		0.43		—		4	
	89.1		0.41		—		4	J-QC/FFD/FLDRPO
	94.4		0.45		—		4	J-QC/FFD/RPO
	93.7		0.47		—		5	J-QC/FFB
	94.4		0.47		—		5	J-QC/FFD/RPO
	83.3		0.52		—		3	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		2	J-QC/FFD/RPO
	89.6		0.41		—		6	
[redacted]								
	88.5		0.48		—	NA	6	J-QC/FFD/RPO
	102.2		0.46		—	NA	3	J-QC/FFD/RPO
	95.6		0.46		—	NA	13	J-QC/FFD/RPO
	88.3		0.42		—	NA	6	
	82.6		0.32		—	NA	12	J-QC/FFB
	90.3		0.44		—	NA	2	
	85.9		0.46		—	NA	6	J-QC/FFD/RPO
	84.6		0.47		—	NA	8	
	85.0		0.50		—	NA	6	
	70.9		0.50		—	NA	6	
	79.0		0.48		—	NA	4	
	64.6		0.34		—	NA	2	
	80.7		0.50		—	NA	6	
	79.6		0.21		—	NA	17	
	95.6		0.39		—	NA	5	
	83.6		0.51		—	NA	2	
	76.5		0.53		—	NA	6	
	66.0		0.38		—	NA	5	J-QC/FFD/RPO
	86.2		0.28		—	NA	14	
	91.1		0.55		—	NA	8	
	95.9		0.59		—	NA	6	J-QC/FFD/FLDRPO
	85.6		0.51		—	NA	6	
	93.6		0.52		—	NA	4	J-QC/FFD/RPO
	81.9		0.46		—	NA	30	J-QC/FFD/RPO
	87.1		0.47		—	NA	3	
	82.5		0.55		—	NA	4	
	93.4		0.51		—	NA	4	
[redacted]								
	89.3		0.68		—	NA	10	
	94.0		1.08		—	NA	10	J-QC/FFD/RPO
	98.8		0.35		—	NA	20	
	71.9		0.52		—	NA	6	
	86.4		0.46		—	NA	8	J-QC/FFD/FLDRPO
	83.6		0.51		—	NA	4	J-QC/FFD/RPO
	81.8		0.25		—	NA	46	
	78.0		0.38		—	NA	24	
	77.8		0.52		—	NA	4	
	87.2		0.46		—	NA	<1	K
	95.9		0.47		—	NA	1	J-QC/FFB/FFDFLDRPO
	145.5		0.50		—	NA	1	

100.3	0.43	—	NA	2	J-QC/FFD/RPO
104.0	0.49	—	NA	1	
100.0	0.42	—	NA	5	J-QC/FLD/RPO
92.9	0.48	—	NA	6	J-QC/FLD/RPO
101.6	0.25	—	NA	14	
112.5	0.32	—	NA	6	
85.3	0.43	—	NA	4	
98.7	0.14	—	NA	64	
93.4	0.36	—	NA	6	
111.8	0.43	—	NA	2	J-QC/FFD/RPO
152.7	0.43	—	NA	2	J-QC/FFD/RPO
82.6	0.44	—	NA	3	J-QC/FFB
88.9	0.41	—	NA	2	
85.2	0.37	—	NA	5	J-QC/FFD/RPO
[redacted]					
94.5	0.43	—	NA	4	
94.7	0.46	—	NA	4	J-QC/FFD/RPO
102.7	0.46	—	NA	4	
100.7	0.46	—	NA	4	
75.5	0.41	—	NA	5	J-QC/FFD/RPO
82.0	0.49	—	NA	13	J-QC/FFD/RPO
76.6	0.47	—	NA	9	
79.5	0.43	—	NA	1	
70.9	0.35	—	NA	6	J-QC/FFD/RPO
104.9	0.28	—	NA	10	
84.0	0.49	—	NA	17	
83.7	0.52	—	NA	8	
80.5	0.37	—	NA	2	
70.5	0.58	—	NA	3	J-QC/FFB/FLDRPO
80.4	0.42	—	NA	2	J-QC/FLD/RPO
80.7	0.44	—	NA	4	J-QC/FLD/RPO
80.1	0.41	—	NA	2	J-QC/FFD/RPO
81.1	0.43	—	NA	5	J-QC/FFD/RPO
93.5	0.47	—	NA	3	J-QC/FLD/RPO
64.5	0.42	—	NA	5	J-QC/FFB/FFDFLDRPO
69.1	0.25	—	NA	18	J-QC/FFD/RPO
61.5	0.32	—	NA	8	J-QC/FFD/FLDRPO
85.1	0.38	—	NA	4	J-QC/FFB
81.2	0.43	—	NA	11	J-QC/FLD/RPO
100.3	0.42	—	NA	1	
89.0	0.33	—	NA	7	
106.5	0.43	—	NA	—	NA
117.1	0.44	—	NA	—	NA
131.3	0.92	—	NA	—	NA
140.7	0.80	—	NA	—	NA
89.8	0.55	—	NA	—	NA
138.2	0.52	—	NA	—	NA
115.2	0.62	—	NA	2	J-QC/FFD/FLDRPO
89.1	0.50	—	NA	8	J-QC/FFB

[redacted]	89.4	[redacted]	0.56	[redacted]	—	NA	8	J-QC/FFB/FLDRPO
	101.4		1.12		—	NA	4	J-QC
	100.2		0.56		—	NA	—	NA
	97.3		0.51		—	NA	6	J-QC/FFB
	100.3		0.77		—	NA	—	NA
	104.4		0.50		—	NA	<1	K
	72.6		0.52		—	NA	—	NA
	102.9		0.50		—	NA	—	NA
	119.2		0.51		—	NA	4	J-QC
	110.8		0.16		—	NA	198	
	93.0		0.51		—	NA	2	
	82.1		0.46		—	NA	14	
	155.1		0.30		—	NA	14	J-QC/FLD/RPO
	141.9		0.38		—	NA	9	
	122.5		0.20		—	NA	26	
	158.2		0.43		—	NA	14	
	84.5		0.50		—	NA	2	
	130.5		0.45		—	NA	4	
	161.1		0.47		—	NA	2	J-QC/FLD/RPO
	103.8		0.18		—	NA	62	J-QC/FFD/FLDRPO
	87.4		0.44		—	NA	2	
	85.7		0.48		—	NA	7	J-QC/FFD/FLDRPO
	96.5		0.50		—	NA	<1	KJ-QC/FLD/RPO
	86.3		0.54		—	NA	4	J-QC/FFD/RPO
	79.5		0.45		—	NA	4	J-QC/FFD/RPO
	86.6		0.52		—	NA	4	
	83.3		0.45		—	NA	1	J-QC/FFD/RPO
	84.7		0.46		—	NA	1	
	89.3		0.44		—	NA	3	
	82.7		0.45		—	NA	4	
	89.5		0.85		—	NA	4	
[redacted]								
	97.6		0.82		—	NA	3	J-QC/FFD/RPO
	94.6		0.57		—	NA	6	J-QC/FFB/FFDRPO
	93.5		0.45		—	NA	7	J-QC/FLD/RPO
	80.6		0.42		—	NA	4	J-QC/FLD/RPO
	83.9		0.45		—	NA	6	J-QC/FFD/RPO
	91.3		0.46		—	NA	4	
	81.2		0.48		—	NA	2	J-QC/FFD/FLDRPO
	83.1		0.54		—	NA	5	
	118.3		0.54		—	NA	6	J-QC/FLD/RPO
	89.7		0.55		—	NA	4	J-QC/FFD/RPO
	90.0		0.43		—	NA	4	
	102.1		0.50		—	NA	7	J-QC
	82.4		0.52		—	NA	5	J-QC/FLD/RPO
	79.5		0.53		—	NA	13	J-QC/FLD/RPO
	75.4		0.54		—	NA	2	J-QC/FLD/RPO
	77.5		0.57		—	NA	4	

84.6	0.55	—	NA	6	
83.6	0.61	—	NA	6	
82.5	0.62	—	NA	6	
80.2	0.55	—	NA	<1	K
88.1	0.58	—	NA	2	
99.2	0.26	—	NA	20	J-QC/FFD/FLDRPO

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.93	<2	0.58	0.030
2.22	7	0.33	0.043
[redacted]			
0.68	<2	<0.09	0.018
1.38	<2	0.26	0.333
1.70	7	0.23	0.193
0.06	8	<0.19	0.039
0.09	2	0.89	0.081
0.89	2	<0.19	0.062
0.51	2	<0.19	0.046
0.29	3	<0.19	0.087
1.37	2	<0.19	0.091
0.23	3	<0.19	0.153
0.72	2	<0.19	0.108
0.99	<2	<0.19	0.150
1.18	—	<0.19	0.195
2.07	3	0.39	0.207
1.82	<2	<0.19	0.374
1.65	1	<0.19	0.177
2.96	<2	<0.19	0.049
3.94	2	<0.19	0.027
0.34	4	<0.19	0.107
1.03	4	<0.19	0.109
2.85	<2	<0.19	0.054
1.94	3	<0.19	0.045
2.00	3	<0.19	0.198
1.71	<2	<0.19	0.081
1.47	<2	<0.19	0.038
1.37	3	0.75	0.090
1.15	<2	<0.19	0.021
1.26	3	<0.19	0.052
0.99	<2	<0.19	0.085
0.61	<2	<0.19	0.059
1.48	<2	<0.19	0.027
1.22	<2	<0.19	0.050
[redacted]			
1.08	6	<0.19	0.054
2.02	<2	<0.19	0.153
2.06	<2	<0.19	0.051
<1.00	<2	<0.19	0.087
1.61	<2	<0.19	0.047
<1.00	2	<0.19	0.059
0.87	<2	<0.19	0.099
0.88	<2	<0.19	0.086
1.09	<2	<0.19	0.126
1.00	<2	<0.19	0.111

0.99	<2	<0.27	0.193
1.37	—	<0.27	0.137
1.14	<2	<0.27	0.190
1.50	<2	<0.27	0.108
1.09	—	<0.27	0.106
1.49	—	<0.27	0.238
1.96	3	—	0.101
3.10	10	<0.27	0.070
1.51	<2	<0.27	0.049
1.02	4	<0.27	0.070
1.49	<2	<0.27	0.143
0.98	<2	<0.27	0.070
0.54	5	<0.27	0.037
<0.30	4	<0.27	0.044
1.30	3	<0.27	0.091
1.73	<2	<0.27	0.160
1.18	<2	0.29	0.030
0.73	5	<0.27	0.040
<1.00	<2	<0.27	0.090
0.92	<2	<0.27	0.100
1.05	<2	<0.27	0.030
[redacted]			
1.25	4	0.29	0.01
1.01	5	0.29	0.065
1.11	<2	0.28	0.091
0.94	<2	<0.27	0.101
<1.00	2	<0.27	0.075
0.76	<2	<0.27	0.093
1.21	<2	<0.27	0.128
<1.00	<2	<0.295	0.172
1.41	<2	<0.295	0.062
1.11	—	<0.295	0.099
1.98	—	<0.295	0.084
1.33	—	<0.295	0.084
1.53	<2	<0.295	0.170
2.01	<2	<0.295	0.130
1.64	<2	<0.295	0.092
1.41	<2	<0.295	0.065
1.15	—	<0.295	0.048
1.38	3	<0.295	0.038
1.27	—	<0.295	0.037
<1.00	—	<0.295	0.039
0.87	4	<0.295	0.082
1.23	<2	<0.295	0.048
2.05	<2	<0.295	0.065
2.13	—	0.71	0.025
<1.00	<2	<0.295	0.077
0.48	<2	<0.295	0.101
1.13	<2	<0.295	0.112
0.81	<2	<0.295	0.039

0.67	—	<0.295	0.099
<1.00	<2	<0.295	0.049
0.90	—	<0.295	0.035
1.43	<2	<0.295	0.051
0.74	<2	<0.295	0.069
[redacted]			
1.08	<2	<0.295	0.055
0.67	<2	<0.295	0.055
0.65	<2	<0.295	0.068
0.86	<2	<0.295	0.112
0.81	—	<0.295	0.040
0.69	<2	0.143	0.036
0.83	<2	0.236	0.061
0.73	3	0.231	0.291
0.99	<2	0.069	0.209
0.93	—	0.213	0.252
0.62	<2	0.093	0.199
0.39	<2	0.097	0.077
0.35	<2	0.079	0.078
0.95	<2	0.259	0.116
1.01	<2	0.273	0.116
0.77	<2	0.130	0.051
0.61	<2	0.069	0.053
0.40	<2	0.088	0.055
0.42	<2	0.088	0.057
0.58	<2	0.097	0.066
0.61	<2	0.180	0.130
0.41	<2	0.065	0.102
—	<2	0.079	0.105
0.76	<2	<0.039	0.103
0.91	<2	<0.039	0.059
1.05	<2	<0.039	0.061
<0.30	<2	0.042	0.048
<0.30	<2	<0.039	0.042
1.08	<2	0.109	0.026
1.10	<2	0.120	0.021
1.66	<2	0.073	0.054
1.31	<2	0.073	0.049
1.24	<2	<0.039	0.062
0.52	3	<0.039	0.056
0.36	<2	<0.039	0.058
1.51	<2	<0.039	0.094
1.77	3	0.146	0.031
0.86	<2	0.146	0.086
0.69	<2	0.566	0.245
1.04	<2	0.450	0.483
0.69	<2	0.478	0.068
0.87	<2	0.241	0.067
0.87	<2	0.258	0.071
[redacted]			

1.29		<2		<0.039		0.061
1.43		<2		0.021	J-R	0.024
0.70		<2		0.128		0.035
0.75		<2		0.043		0.038
0.90		<2		0.187		0.073
0.99		<2		0.174		0.078
1.16		<2		0.111		0.061
1.07		<2		0.119		0.066
0.64		<2		0.132		0.049
0.64		<2		0.145		0.049
1.30		<2		0.196		0.055
0.99		<2		0.094		0.118
1.62		<2		0.366		0.224
1.32		<2		0.235		0.056
1.08		<2		0.235		0.158
0.72		<2		0.041		0.135
0.56		<2		0.113		0.069
0.76		<2		0.126		0.056
0.84		<2		0.117		0.065
1.06		<2		0.117		0.058
1.30		<2		0.059		0.046
1.32		<2		0.072		0.045
0.97		<2		0.027	J-R	0.036
0.35		<2		0.032	J-R	0.043
<0.30		<2		0.036		0.049
0.35		<2		0.072		0.067
<0.30		<2		0.041		0.092
0.94		<2		0.153		0.061
0.96		<2		0.140		0.061
0.75		<2		<0.017		0.097
0.60		<2		0.081		0.034
1.05		<2		0.529		0.111
1.09		<2		0.534		0.110
0.84		<2		0.461		0.065
[redacted]						
1.18	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.530	J-QC/FSL/FMS	0.021
1.33	BJ-QC/FBK/FFBFLS	<2	K	0.576		0.088
1.14	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.230		0.063
1.44	BJ-QC/FBK/FFB	<2	K	0.209		0.110
1.31	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.308	J-QC/FFD/RPOFMS	0.091
1.50	BJ-QC/FBK/FFBFLS	<2	K	0.433		0.128
1.01	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.162		0.116
0.83	B/FBK	<2	K	0.089		0.110
1.23		<2	K	0.084		0.032
1.00		<2	K	0.256		0.039
0.74	BJ-QC/FBK/FFBFLS	<2	K	0.020	J-R	0.038
1.55	BJ-QC/FBK/FFB	3	J-QC/FFD/RPO	0.183		0.042
1.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	KJ-QC/FFD/RPO	0.018
1.30	BJ-QC/FBK/FFBFLDRPO	<2	K	0.020	J-R	0.009
0.80	J-QC/FLS	<2	KJ-QC/FLS	<0.018	K	0.019

1.24	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.036
1.26	BJ-QC/FBK/FFBFLS	<2	K	<0.018	KJ-QC/FFD/RPO	0.017
1.15	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.019
0.95	BJ-QC/FBK/FFBFLDRPO	<2	K	<0.018	KJ-QC/FSL	0.014
1.99	BJ-QC/FBK/FFBFLS	3	J-QC/FFB	<0.018	K	0.021
0.95	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.020	J-R	0.025
0.81	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.018	K	0.028
1.09	BJ-QC/FBK/FFB	<2	K	0.056		0.103
2.09	BJ-QC/FBK/FFBFFDRPO	<2	K	0.203		0.110
[redacted]						
4.51	BJ-QC/FBK/FFBFLS	<2	K	0.081		0.021
2.04	BJ-QCJ-HT/FBK/FFBEHT	2	J-QC/FFD/RPO	1.21		0.174
2.13	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.779		0.1654
1.74	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.275		0.1475
2.24	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.111	J-QC/FSL	0.0261
1.76	BJ-QC/FBK/FFBFLS	<2	K	0.065	J-QC/FMS	0.0236
2.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.900		0.1278
1.80	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.045		0.0568
1.45	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0175	KJ-QC/FFD/RPO	0.0636
1.65	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.086		0.0552
1.58	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.080		0.0513
1.97	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.131		0.0453
1.79	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.070	J-QC/FFD/RPOFMS	0.0285
2.30	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.116	J-QC/FSL	0.0257
1.81	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.084		0.0205
1.36	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.100		0.0303
1.29	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.126		0.0368
2.60	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FFB/FFDRPOFLS	0.917	J-QC/FFD/RPO	0.1098
0.41	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.105		0.0070
1.87	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	KJ-QC/FFD/RPO	0.0142
1.22	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.047	J-QC/FMS	0.0221
1.14	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.037		0.0215
1.49	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.0169
2.02	BJ-QC/FBK/FFBFLS	2	J-QC/FLS	0.073		0.0293
1.59	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	KJ-QC/FFD/RPO	0.0105
1.74	BJ-QC/FBK/FFBEHT	<2	KJ-QC/FLS	0.030	J-R	0.0232
1.87	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.186		0.0855
[redacted]						
2.42	BJ-QC/FBK/FFBFLS	<2	K	0.257		0.2160
1.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.068		0.0293
1.86	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.476		0.0127
2.11	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.785	J-QC/FMS	0.3320
1.86	BJ-QC/FBK/FFBFLS	<2	K	0.054	J-R	0.3731
1.59	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.120		0.2441
1.46	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.109		0.0817
1.91	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.169		0.0158
1.29	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.082		0.0457
1.27	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.082		0.0393
1.61	BJ-QC/FBK/FFBFLS	<2	K	0.103		0.0377
1.89	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.054	J-R	0.0364

1.56	BJ-QC/FBK/FFB	8	J-QC/FFD/RPO	0.114		0.0231
1.24	BJ-QC/FBK/FFBFLS	<2	K	0.069		0.0351
1.66	BJ-QC/FBK/FFB	<2	K	0.278		0.1018
1.11	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.354	J-QC/FFB	0.0231
2.07	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0293	K	0.0136
1.87	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.201	J-QC/FFB/FFDRPO	0.0118
1.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.169		0.0112
1.63	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.060	J-QC/FMS	0.0152
1.37	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.103		0.0163
1.24	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	3	J-QC/FFD/RPOFLS	0.118		0.0152
1.15	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFB/FLS	<0.0293	K	0.0151
1.87	BJ-QC/FBK/FFBFLS	<2	K	0.093		0.0122
2.46	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.113	J-QC/FFB	0.0164
1.91	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.093	J-QC/FMS	0.0322
[redacted]						
1.74	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.092		0.0903
1.27	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.262		0.1105
1.92	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.125	J-QC/FSL/FMS	0.0409
1.75	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.225		0.0922
1.65	BJ-QC/FBK/FFBFLS	<2	K	0.141		0.0546
2.59	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.162	J-QC/FMS	0.0751
1.95	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.052	J-RJ-QC/FMS	0.0652
1.65	BJ-QCJ-HT/FBK/FFBEHT	6		<0.0378	K	0.0404
1.63	BJ-QC/FBK/FFBFLDRPO	<2	K	0.110	J-QC/FSL	0.0466
1.70	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0378	KJ-QC/FFD/RPOFMS	0.0257
1.93	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-HT/EHT	<0.0378	KJ-QC/FFD/RPO	0.0313
1.23	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.063	J-R	0.0282
1.34	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.105	J-QC/FSL/FMS	0.0307
1.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.106		0.0340
1.58	BJ-QC/FBK/FFBFLS	<2	K	0.090		0.0290
1.21	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.048	J-RJ-QC/FMS	0.0277
1.92	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QCJ-HT/FFD/RPOEHT	0.048	J-RJ-QC/FMS	0.0176
1.67	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.058	J-R	0.0207
1.24	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.137		0.0234
1.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.090		0.0171
1.78	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.143	J-QC/FMS	0.0199
1.79	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.053	J-R	0.0203
1.50	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.042	J-RJ-QC/FSL	0.0125
1.37	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.058	J-RJ-QC/FFD/RPO	0.0282
1.21	BJ-QC/FBK/FFBFLS	<2	K	0.069	J-RJ-QC/FMS	0.0126
1.94	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.132		0.0360
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NRP	0.200		0.0323
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.525		0.0749
[redacted]						

—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.135	J/LLS	0.1856
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.451		0.0711
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0262
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0626
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.125	J-QC/LLS/FFDRPO	0.0476
—	NA	<2	KJ-QC/FMS	0.210	J-QC/LLS/FMS	0.0348
1.79	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.153	J-QC/LLS/FMS	0.0416
2.00	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.193	J-QC/LLS/FFDRPOFSL	0.0518
2.24	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.142	J-QC/LLS/FSLFMS	0.0224
1.81	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.159	J-QC/LLS/FSLFMS	0.0382
1.79	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.045	J-QC/LLS/FFDRPOFMS	0.0171
1.57	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.023	RJ-QC/LLS/FFDRPOFM	0.0236
1.50	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.040	J-R/LLS	0.0244
1.75	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	KJ-QC/FSL	0.0900
1.57	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0292
1.88	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FMS	<0.0911	K	0.0208
2.18	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FMS	<0.0911	K	0.0181
1.50	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0186
1.21	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	<0.0911	K	0.0217
1.44	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0188
1.32	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0266
1.04	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	<0.0911	K	0.0196
1.04	3J-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.145	J-R/LLS	0.0147
1.08	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FFD/RPO	0.115	J-R/LLS	0.0188
1.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.127	J-R/LLS	0.0262
1.70	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.158	J-RJ-QC/LLS/FFB	0.0187
1.19	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.413		0.0114
2.52	BJ-QCJ-HT/FBK/FFB	3	J-QC	0.191	J-QC/LLS	0.1984
1.93	BJ-QC/FBK/FFBFMS	<2	K	0.574	J-QC/FFB	0.1897
1.96	BJ-QC/FBK/FFBFMS	<2	K	0.205	J/LLS	0.1897
1.56	BJ-QC/FBK/FFB	<2	KJ-HT	0.403	J-QC/FFB	0.0534
1.81	BJ-QC/FBK/FFBFLDRPO	<2	K	0.205	J/LLS	0.0365
1.72	BJ-QC/FBK/FFBFFDRPO	<2	K	0.159	J/LLS	0.0512
1.62	BJ-QC/FBK/FFBFLDRPO	<2	K	0.210	J-QC/LLS/FFBFSL	0.0458
1.60	BJ-QC/FBK/FFBFMS	<2	KJ-QCJ-HT/FLS	0.199	J/LLS	0.0771
1.44	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0301
1.86	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	<0.0267	KJ-QC/FFB/FSLFMS	0.0286
1.48	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	<0.0267	KJ-QC/FMS	0.0172
1.44	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	KJ-QC/FLD/RPOFSLFMS	0.0170
1.52	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0211
1.27	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.100	J/LLS	0.0143
0.81	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0279
1.61	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FMS	0.0247

1.71	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	<0.0267	K	0.0198
1.56	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.153	J/LLS	0.0269
1.65	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.452	J-QC/FSL	0.0302
1.64	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.181	J/LLS	0.0730
1.04	BJ-QC/FBK/FFBFMS	<2	K	0.036	J-R/LLS	0.0268
1.64	BJ-QC/FBK/FFBFLDRPOFMS	3		0.199	J/LLS	0.0151

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	5.37	0.606	0.57	1.54
	2.03	0.362	0.27	1.33
	1.26	0.122	0.10	1.45
	4.46	0.369	0.33	3.37
	5.58	0.533	0.45	29.3
	3.67	0.465	0.29	2.21
	4.85	0.515	0.48	15.0
	4.86	0.612	0.43	1.5
	2.14	0.261	0.15	5.34
	3.49	0.502	0.47	2.14
	5.73	0.495	0.48	3.2
	6.68	0.703	0.84	1.8
	2.92	0.664	0.61	1.1
	6.89	0.857	0.88	3.2
	5.23	0.959	—	2.8
	5.90	0.894	0.98	22.9
	6.91	1.230	1.34	4.0
	6.03	1.230	1.36	0.8
	3.59	0.482	0.49	3.78
	3.46	0.476	0.32	4.63
	2.28	0.551	0.47	2.04
	6.12	0.772	0.68	1.82
	3.28	0.437	0.41	3.46
	3.66	0.492	0.45	6.62
	4.73	0.823	0.88	1.99
	5.91	0.538	0.58	2.05
	3.21	0.416	0.30	3.68
	2.76	0.659	0.93	1.83
	0.68	0.441	0.46	1.22
	3.00	0.551	0.49	3.87
	4.33	0.463	0.86	2.04
	4.49	0.643	0.67	0.82
	2.46	0.481	0.33	1.65
	3.60	0.425	0.47	0.93
	1.87	0.336	0.32	4.04
	2.38	0.390	0.39	5.47
	1.46	0.191	0.25	9.43
	4.04	0.428	0.41	4.83
	4.08	0.136	0.40	6.20
	2.70	0.250	0.26	8.86
	3.68	0.321	0.37	10.15
	2.52	0.419	0.39	5.59
	2.01	0.586	0.57	6.66
	5.44	0.709	0.76	6.26

2.94	1.023	0.53	—
3.86	0.929	—	—
—	1.120	1.20	—
5.78	1.043	1.05	—
2.77	1.068	—	—
5.98	0.946	—	—
2.99	0.680	0.63	—
2.85	0.730	0.71	—
2.96	1.209	1.15	—
8.41	1.423	1.26	—
4.70	0.942	0.87	—
7.39	1.182	1.38	—
10.71	0.962	1.79	—
11.10	1.567	1.75	—
9.11	1.461	1.29	—
11.00	1.732	1.84	—
3.77	0.355	0.35	—
7.24	0.610	0.61	—
2.45	0.620	0.71	—
5.72	0.590	0.57	—
3.00	0.300	0.27	—
[redacted]			
3.10	0.28	0.32	—
3.38	0.24	0.23	—
—	0.326	0.10	—
1.40	0.346	0.32	—
4.40	0.485	0.49	—
6.77	0.686	0.64	—
6.14	0.430	0.50	—
5.77	0.774	0.70	—
3.37	0.446	0.67	—
8.75	1.010	—	—
4.82	0.603	—	—
6.25	0.717	—	—
4.54	0.988	0.73	—
5.05	0.489	0.55	—
5.08	0.552	0.50	—
5.76	0.816	0.86	—
4.81	0.431	—	—
2.41	0.319	0.39	—
0.69	0.526	—	—
4.41	0.829	—	—
4.91	0.635	0.83	—
5.60	1.020	0.98	—
11.12	2.380	1.15	—
1.54	0.376	0.26	—
4.26	0.406	0.50	—
5.60	0.802	0.76	—
4.67	0.632	0.60	—
4.84	0.780	0.80	—

2.14	0.906	0.86	—
4.41	0.600	0.61	—
3.48	0.337	0.36	—
4.61	0.375	0.45	—
4.56	0.576	0.24	—
[redacted]			
4.57	0.474	0.05	4.5
4.65	0.453	0.40	5.6
4.94	0.490	0.39	3.7
4.48	0.625	0.58	10.5
2.15	0.453	0.42	4.4
3.69	0.309	0.68	49.8
4.35	0.480	0.07	45.8
2.44	0.277	0.24	20.9
3.11	0.301	0.25	86.4
3.44	0.318	0.33	7.7
5.30	0.545	0.48	7.9
4.83	0.702	0.53	4.0
5.01	0.742	0.54	4.0
4.06	—	0.70	9.9
3.17	—	0.69	13.1
4.70	0.769	0.64	4.6
5.40	0.782	0.70	4.1
6.17	0.845	0.97	4.3
6.14	0.832	0.97	3.1
3.69	0.892	0.86	5.9
6.97	0.989	1.00	7.9
7.93	1.16	1.20	10.2
7.91	1.16	1.80	9.9
5.94	1.11	1.20	6.2
6.04	0.932	1.20	15.7
6.62	1.04	1.00	16.8
5.35	0.995	0.99	15.4
5.25	0.697	0.70	10.2
2.69	0.542	0.40	10.3
2.90	0.569	0.39	10.8
6.84	1.19	1.10	13.9
7.29	1.20	1.20	14.6
5.97	0.505	—	11.2
5.26	1.20	1.30	4.2
5.23	1.60	1.20	4.0
8.55	1.40	1.30	7.9
2.54	0.38	0.41	10.5
5.70	0.88	1.00	<3.0
6.15	—	—	4.0
5.38	0.85	0.82	3.0
5.18	0.57	0.56	<3.0
5.05	0.77	0.85	<3.0
5.09	0.72	0.84	3.0
[redacted]			

	1.64		0.73		0.63		3.8
	4.01		0.31		0.29		5.8
	1.89		0.35		0.32		5.1
	4.15		0.43		0.43		9.7
	5.34		0.57		0.61		5.6
	5.41		0.55		0.58		5.7
	4.10		0.54		0.47		<2.4
	4.16		0.55		0.47		<2.4
	4.10		0.66		0.46		3.4
	4.00		0.63		0.45		3.4
	3.38		0.57		0.45		3.7
	5.08		0.55		0.76		3.2
	4.73		0.74		0.82		<2.4
	1.71		0.46		0.39		3.9
	4.15		0.74		0.72		3.2
	5.33		0.80		0.96		<2.4
	5.18		0.98		0.92		5.5
	5.82		0.93		0.85		3.7
	5.53		1.60		1.20		7.3
	5.51		0.68		0.72		16.3
	5.24		0.65		0.83		8.2
	5.49		0.68		0.86		8.4
	3.53		0.59		0.56		15.2
	5.41		0.69		0.96		10.4
	5.50		0.90		0.05		10.8
	5.27		1.00		0.99		8.7
	3.83		1.30		1.50		6.9
	3.21		0.43		0.43		2.4
	3.12		0.41		0.40		2.4
	4.93		0.73		0.73		<2.4
	2.30		0.88		0.90		5.7
	5.04		0.79		0.86		5.1
	5.12		0.78		0.85		5.3
	2.19		0.53		0.45		5.0
[redacted]							
	3.88		0.49		0.49		5.1
J-QC/FFB	5.06	J-QC/FLS	0.58		0.66		7.2
	3.69	J-QC/FFD/RPO	0.55	J-QC/FFB	0.45		3.9
	4.73		0.61		0.59		5.1
	3.92		0.48		0.47		<2.4
	4.96		0.52		0.48		<2.4
	5.81		0.60		0.73		0.8
	4.42		0.66		0.83		1.0
	1.99		0.26		0.23	J-QC/FFD/RPO	4.9
J-QC/FFB	2.96		0.35		0.33		1.4
J-QCJ-HT/FFB/EHT	1.82		0.23	J-QC/FFB/FFDRPO	0.65		3.0
	1.95		0.34		0.25		14.3
J-QC/FFB	1.94	J-QC/FFB	0.30		0.27		4.1
	3.46		0.40	J-QC/FFB	0.29		1.9
J-QC/FFB	3.79		0.45		0.42		1.6

J-QC/FFB	4.45		0.64		0.63		2.4
	3.13	J-QC/FFB	0.48		0.53		2.8
	4.22		—	NAP	—	NAP	2.8
J-QC/FFB	4.47		0.72		0.76		3.6
	5.07		0.71	J-QC/FFD/RPO	0.94		2.5
J-QC/FFB	5.17	J-QC/FFB	0.77		0.82		2.2
	5.42		0.87		0.97		2.6
	4.80		0.59		0.73		1.6
	3.65		0.38	J-QC/FFD/RPO	0.36		1.7
[redacted]							
	2.99		0.45		0.42		1.5
J-QC/FFB	3.95		0.38		0.33		3.2
	1.64		0.26		0.17		6.9
	2.48		0.21		0.18		13.7
	0.972		0.31		0.24		6.2
	4.15		0.52	J-QC/FFD/RPO	0.50	J-QC/FFD/RPO	2.7
J-QC/FFB	3.75		0.61		0.57		3.5
	4.99		0.65		0.56	J-QC/FLS	1.9
	5.61		0.92		0.92		7.7
	6.88		0.93		0.91		3.9
	8.32		0.89		0.88		10.4
	7.02		0.89		0.86		23.8
	5.74	J-QC/FFB	1.57	J-QC/FFB	1.15		18.7
	1.84		0.34		0.32		5.9
	5.80		0.72		0.69		4.7
	7.22		0.95		0.95		4.9
	8.21		1.09		1.08		4.3
	3.50		0.73		0.68		5.1
J-R	2.17		0.31		0.26		36.4
	4.74		0.74		0.72		2.2
	6.57		0.92		0.90		2.7
J-QC/FFB	5.62		0.99	J-QC/FLS	0.95		1.8
	3.36		4.57		1.04		2.6
J-QC/FFB	4.53		0.94		0.88	J-QC/FLS	2.5
J-R	3.56		0.46		0.56	J-QC/FFD/RPO	1.6
	5.28		0.74		0.87		<1.3
	5.11		0.60		0.70		3.0
[redacted]							
	3.8300		0.54		0.56		3.9
	2.8400		0.47	J-QC/FFB/FFDRPO	0.33		11.2
	1.9388		0.20		0.18	J-QC/FLS	5.3
J-QC/FFB	2.9772	J-QC/FLS	0.32		0.29		8.2
J-QC/FFB	3.2386		0.26		0.22		6.4
	3.5887		0.29		0.28		5.6
	1.4500		0.19		0.16		9.1
J-QC/FFB/FFDRPO	0.8053		0.22		0.21		3.5
	3.7024	J-QC/FLS	0.42		0.41		10.2
	4.6355		0.60		0.54		3.72
	2.2919	J-QC/FLS	0.60		0.56		2.1
J-QC/FFB	3.3434		0.74		0.70		2.9

J-QC/FFB	4.1964		0.42	J-QC/FLD/RPO	0.41		2.2
J-QC/FFB	5.5838		0.59	J-QC/FLD/RPO	0.54		4.2
	1.5368	J-QC/FFB	0.82		0.80		4.2
	5.6982		0.72		0.64	J-QC/FLS	9.1
	2.7658	J-QC/FFB	0.29		0.29		17.6
	2.6451		0.31		0.30	J-QC/FFB	5.8
	3.2671		0.49	J-QC/FLS	0.47		2.4
	1.0619		0.16	J-QC/FFB/FLDRPOFLS	0.16	J-QC/FFB	40.4
	3.5449		0.23		0.19		19.6
	4.4740		0.35		0.35		1.85
	4.7060		0.36		0.35		2.05
	4.6210		0.46	J-QC/FFD/RPO	0.48		<0.913
J-QC/FFB	3.1961	J-QC/FFB	0.30		0.28		1.29
	2.6281		0.29		0.27		21.9
J-QC/FFB	4.0369		0.41	J-QC/FFD/RPO	0.40	J-QC/FFD/RPO	4.51
	4.7963	J-QC/FFB	0.48		0.42		12.6
J-QC/FFB	4.1410	J-QC/FFB	0.50	J-QC/FFD/RPO	0.47		6.70
J-QC/FFB/FFDRPOFLS	6.2430	J-QC/FFB	0.79		0.74		5.60
	4.2609		0.56	J-QC/FFD/RPO	0.52		1.21
J-QC/FFB	6.4392		0.65	J-QC/FFD/RPO	0.55	J-QC/FFD/RPO	3.45
	4.8829	J-QC/FLS	0.72		0.52		3.77
	3.8056		0.46		0.43		1.28
	2.9445		0.47	J-QC/FFD/RPO	0.33	J-QC/FFD/RPO	2.62
J-QC/FFB/FFDRPO	2.8324		0.38	J-QC/FFD/RPO	0.31		4.11
J-QC/FFB	4.8701		0.74		0.68		8.11
	4.3492		0.71	J-QC/FFD/RPO	0.72	J-QC/FFB	3.05
J-QC/FFB	3.4235	J-QC/FLS	0.49		0.55		7.50
	8.0268		1.09		1.02		4.64
	5.1110		0.84	J-QC/FFD/RPO	0.90	J-QC/FFB	19.2
	4.5065	J-QC/FFB	0.90		0.81		1.31
	4.1936		0.57	J-QC/FFD/RPO	0.59	J-QC/FFB/FFDRPO	1.17
	5.0634	J-QC/FLS	0.59		0.55		2.04
	4.7723		0.87		0.81		2.10
	4.7287	J-QC/FLS	0.61		0.58		1.22
	1.9230		0.31	J-QC/FFD/RPO	0.28		8.86
	3.5778		0.70		0.62		5.08
J-QC/FFB	5.4637	J-QC/FFB	0.75	J-QC/FFD/RPO	0.17		0.86
	4.5695		0.71		0.81		2.48
	4.8341		1.08	J-QC/FFD/RPO	0.69		1.43
	4.8903	J-HT/EHT	0.72	J-QC/FFD/RPO	0.70		1.62
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
	4.6245	J-QC/FLS	0.92		0.91		3.29
J-QC/FFB	5.3232		0.96		1.04		2.19

[redacted]	3.8198	J-HT/EHT	0.56	J-QC/FFD/RPO	0.34	J-QC/FFD/RPO	3.29
J-HT/EHT	4.1485	J-QC/FFB	0.38	J-QC	0.34	J-QC	2.76
NA	—	NA	—	NA	—	NA	—
[redacted]	4.8283	J-HT/EHT	0.45	J-QC/FFD/RPO	0.42	J-QC/FFD/RPO	2.73
NA	—	NA	—	NA	—	NA	—
[redacted]	3.8070	[redacted]	0.60	J-QC/FFD/RPO	0.58	J-QC	7.26
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
[redacted]	5.2340	[redacted]	0.75	J-QC	0.76	[redacted]	5.44
J-HT/EHT	1.8121	J-HT/EHT	0.73	J-QC/FLD/RPOFMS	0.27	J-QC/FFD/RPO	16.3
J-QC/FFB/FFDRPO	4.5354	J-QC/FFB	0.58	[redacted]	0.56	[redacted]	1.50
[redacted]	4.5017	J-QC/FFB	0.77	J-QC/FFD/FLDRPO	0.74	[redacted]	2.99
[redacted]	1.9968	[redacted]	0.29	J-QC	0.26	J-QC	3.32
J-QC/FFB	3.3295	[redacted]	0.45	J-QC/FFD/RPO	0.41	[redacted]	5.53
[redacted]	1.2845	[redacted]	0.29	[redacted]	0.18	J-QC/FLD/RPO	4.36
J-QC/FFB	2.8681	[redacted]	0.34	J-QC/FLD/RPO	0.34	[redacted]	1.32
[redacted]	4.0935	J-QC/FFD/RPO	0.51	J-QC/FFD/FLDRPO	0.50	J-QC/FFD/FLDRPO	<0.231
[redacted]	4.4305	[redacted]	0.59	[redacted]	0.59	[redacted]	8.52
[redacted]	5.6155	[redacted]	0.69	J-QC/FMS	0.67	[redacted]	1.26
[redacted]	1.3893	J-QC/FFB	0.30	[redacted]	0.29	[redacted]	10.9
[redacted]	4.4060	[redacted]	0.71	[redacted]	0.68	[redacted]	2.64
[redacted]	4.6514	[redacted]	0.79	J-QC/FFD/RPO	0.82	[redacted]	1.47
[redacted]	4.5774	J-QCJ-HT/FFB/EHT	0.98	[redacted]	0.86	J-QC/FFD/RPO	1.56
[redacted]	5.4250	[redacted]	0.86	J-QC	0.82	J-QC	3.08
J-QCJ-HT/FFB/EHT	5.9629	J-QC/FLS	0.81	[redacted]	0.94	[redacted]	1.52
[redacted]	4.6414	[redacted]	0.93	[redacted]	1.07	J-QC/FFD/RPO	2.03
[redacted]	4.3692	J-QC/FFB	0.93	[redacted]	0.94	J-QC/FMS	1.49
J-QC/FFB	5.7841	J-QCJ-HT/FLS/EHT	0.88	J-QC/FFD/RPO	1.03	[redacted]	2.99
J-QC/FFB	5.5375	J-QCJ-HT/FLS/EHT	0.74	J-QC	0.69	J-QC/FFD/RPO	2.87
[redacted]	8.9709	J-QC/FFB/FLS	0.89	J-QC/FFD/RPO	0.82	J-QC/FFD/RPO	3.28
[redacted]	7.1905	[redacted]	0.85	[redacted]	0.83	[redacted]	3.05
[redacted]							
J-QC	6.2560	J-QCJ-HT/FLS	0.71		0.67	J-HT	4.29
J-QC/FFB/FFDRPO	3.8462	J-QCJ-HT/FLS	0.36		0.33		2.75
J-QC/FFB	3.1822	J-QC/FLS	0.29	J-QC/FFB	0.23		2.45
	3.2268		0.29	J-QC/FFB	0.25		7.07
	3.8806	J-QC/FFD/RPO	0.34		0.29		1.82
	4.2908		0.35		0.31		4.46
J-QCJ-HT/FFB	3.9600		0.39		0.37	J-QC/FFB	1.59
J-QC/FFB	5.2694	J-QC/FLS	0.57		0.38		3.99
J-QC/FFB	5.6787		0.76		0.76		4.71
	6.1022	J-QC/FLS	0.67		0.68		3.61
J-QC/FFB	5.5159	J-QC/FLS	0.53		0.49		5.98
	6.5097		0.74	J-QC	0.78		9.21
J-QC/FFB	6.2701	J-HT	0.98		0.89		4.75
J-QC/FFD/RPO	7.4840		1.17		0.51		80.4
	8.5282		1.19		1.11		39.6
J-QC/FFB	8.8150		1.43		1.42		16.3

J-QC/FFB	7.8713		1.67	J-QC/FFB/FMS	1.59		8.75
J-QC/FFB	10.1270	J-HT	1.84	J-QC/FFB	1.48		14.5
J-QC/FFB	9.7217		1.42		1.48		10.3
J-QC/FFB	11.3149	J-QC	1.14	J-QC	0.57	J-QC	3.02
J-QC/FFB	10.3384	J-QC/FLS	1.11	J-QC	1.59	J-QC	2.96
	1.7077		0.32		0.26		3.05

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)	
[redacted]				
	<0.5	0.00	0.00	[redacted]
	5.7	0.36	0.36	[redacted]
[redacted]				
	3.8	0.00	0.00	[redacted]
	7.4	0.00	0.00	[redacted]
	7.8	0.00	0.00	[redacted]
	2.4	0.03	0.51	[redacted]
	10.0	0.16	0.16	[redacted]
	9.6	0.00	0.06	[redacted]
	8.7	0.09	1.26	[redacted]
	8.3	0.24	0.25	[redacted]
	1.5	0.00	0.03	[redacted]
	1.8	0.10	0.10	[redacted]
	2.2	0.00	0.05	[redacted]
	0.7	0.00	0.00	[redacted]
	—	0.00	0.00	[redacted]
	12.9	0.00	0.00	[redacted]
	4.9	0.00	0.00	[redacted]
	0.5	0.00	0.00	[redacted]
	5.7	0.00	0.00	[redacted]
	<0.5	0.00	0.00	[redacted]
	7.1	0.00	0.18	[redacted]
	11.5	0.00	0.00	[redacted]
	10.3	0.45	0.69	[redacted]
	<0.5	0.00	0.00	[redacted]
	3.7	0.00	0.00	[redacted]
	8.6	0.00	0.00	[redacted]
	7.6	0.00	0.00	[redacted]
	6.9	0.00	0.00	[redacted]
	2.2	0.00	0.00	[redacted]
	11.2	0.39	0.39	[redacted]
	7.2	0.00	0.00	[redacted]
	5.0	0.00	0.00	[redacted]
	7.0	0.00	0.00	[redacted]
	4.6	0.00	0.00	[redacted]
[redacted]				
	2.3	0.19	0.19	[redacted]
	1.1	0.00	0.00	[redacted]
	1.3	0.13	0.77	[redacted]
	<0.5	0.00	0.12	[redacted]
	<0.5	0.00	0.00	[redacted]
	<0.5	0.19	0.19	[redacted]
	<0.5	0.00	0.00	[redacted]
	1.3	0.09	0.24	[redacted]
	<0.5	0.00	0.00	[redacted]
	0.8	0.00	0.00	[redacted]

<0.5	0.40	0.40	[redacted]
—	0.00	0.00	
<0.5	0.00	0.00	
6.5	0.04	0.54	[redacted]
—	0.83	0.83	
—	0.00	0.00	
6.0	0.00	0.00	
9.5	0.07	0.07	
3.8	0.00	0.00	
3.5	0.00	0.00	
5.3	0.00	0.08	
2.4	0.00	0.00	[redacted]
4.2	0.00	0.00	
3.8	0.00	0.00	
4.5	0.00	0.00	
3.7	0.00	0.12	
3.0	0.80	0.80	
8.6	0.30	0.30	
10.5	0.00	0.00	
7.9	0.00	0.00	[redacted]
7.9	0.00	0.06	
[redacted]			
5.9	0.00	0.00	
5.1	0.00	0.00	
5.1	0.00	0.00	
4.9	0.00	0.00	
3.1	0.00	0.00	
2.1	0.00	0.00	
4.7	0.41	0.47	
4.8	0.00	0.00	
3.2	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
4.3	0.00	0.00	
5.0	0.02	0.02	
4.7	0.00	0.00	
3.5	0.00	0.00	
—	0.03	0.15	
4.6	2.05	2.10	
—	0.00	1.56	
—	0.00	0.00	
7.3	0.00	0.00	
6.0	0.00	0.00	
6.2	0.00	0.00	
6.4	0.62	1.01	
3.6	0.02	0.37	
5.3	0.00	0.00	
3.7	0.00	0.00	
3.1	0.00	0.00	

11.0	1.86	1.86
1.9	0.00	0.00
2.8	0.00	0.00
1.5	0.00	0.00
1.4	0.00	0.00
[redacted]		
0.7	0.00	0.00
<0.5	0.00	0.00
0.6	0.00	0.00
2.9	0.00	0.42
2.4	0.00	0.00
1.5	0.01	0.01
1.1	0.00	0.00
3.4	0.17	0.17
3.9	0.32	0.74
2.5	0.00	0.00
3.1	0.00	0.00
3.6	0.00	0.00
2.3	0.00	0.00
3.6	0.00	0.00
2.4	0.00	0.00
3.6	0.00	0.00
2.8	0.00	0.00
2.8	0.84	0.90
2.7	0.84	0.90
4.1	0.22	0.22
4.9	0.00	0.00
3.1	0.00	0.00
2.9	0.00	0.00
3.6	0.00	0.00
4.7	0.00	0.00
6.9	0.00	0.00
6.0	0.00	0.00
5.3	0.01	0.01
3.8	1.48	1.51
3.0	1.48	1.51
4.4	0.00	0.00
5.0	0.00	0.00
—	1.09	1.14
9.3	0.00	0.00
9.4	0.00	0.00
9.3	0.00	0.00
7.5	0.07	0.65
7.1	0.00	0.00
—	0.00	0.00
7.9	0.30	0.30
4.9	0.00	0.61
3.0	0.00	0.00
2.4	0.00	0.00
[redacted]		

	1.8		0.01	0.01
	3.7		0.19	0.19
	7.5		0.00	0.00
	4.0		0.00	0.00
	18.4		0.00	0.00
	5.3		0.00	0.00
	4.3		0.00	0.48
	4.1		0.00	0.48
J-R	4.2		0.66	0.66
J-R	4.5		0.66	0.66
J-R	4.4		0.00	0.14
J-R	4.6		0.00	0.00
	5.2		0.28	0.28
J-R	7.1		0.00	0.04
J-R	7.1		0.14	0.15
	4.2		0.00	0.02
	4.5		0.00	0.00
J-R	4.7		0.00	0.80
	6.1		0.00	0.00
	6.4		0.00	0.00
	7.3		0.00	0.00
	6.6		0.00	0.00
	2.9		0.00	1.17
	4.1		0.00	0.00
	3.5		0.00	0.00
	4.2		0.00	0.00
	3.1		0.00	0.00
J-R	4.5		0.71	0.71
J-R	2.8		0.71	0.71
	3.2		0.00	0.00
	5.7		0.00	0.00
	5.0		0.15	0.15
	4.9		0.15	0.15
	5.0		0.00	0.12
[redacted]				
	6.8		0.05	0.05
	5.5	J-QC/FFB	0.00	0.00
J-RJ-HT/EHT	5.2		0.00	0.00
	6.0		0.34	0.88
K	4.9		0.00	0.00
K	4.7		0.00	0.00
J-R	5.5		0.00	0.00
J-R	7.7		0.25	0.25
	7.7		0.01	0.68
J-R	—	NAPEFAI/EQF	0.00	0.00
	5.6		0.00	0.00
	5.8	J-QC/FFB	1.44	1.44
	7.2		3.33	3.33
J-R	8.5		0.00	0.00
J-R	7.1	J-QC/FFB	0.00	0.41

	5.1	J-QC/FFB	1.13	1.13
	6.1	J-QC/FFB	0.00	0.01
	—	NAP	0.00	0.00
	4.7	J-QC/FFB	0.00	0.00
	4.8	J-QC/FFB	0.00	0.00
	4.3	J-QC/FFB	0.00	0.00
	4.7		0.00	0.00
J-R	4.5	J-QC/FFB	0.00	0.00
J-R	5.1	J-QC/FFB	0.00	0.00
[redacted]				
J-R	6.50	J-QC/FFB	0.00	0.00
	5.10		0.00	0.00
	6.60	J-QC/FFB	0.00	0.00
	5.30		0.00	0.00
	7.39		0.03	2.06
	5.40		0.00	0.00
	4.80		0.00	0.00
J-R	5.61		0.00	0.00
	5.39		1.11	1.11
	4.99		0.00	0.18
	4.17	J-QC/FFB/FFDRPO	0.43	0.43
	7.00		0.00	0.00
	3.70	J-QC/FFB	1.09	1.09
J-QC/FSL	8.20	J-QC/FFB	0.00	0.05
	5.10	J-QC/FFB	0.00	0.00
	3.50	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	5.10	J-QC/FFB	0.00	0.00
	5.70	J-QC/FFB	0.00	1.24
	6.20	J-QC/FFB	0.02	0.36
J-R	3.90	J-QC/FFB	0.00	0.00
	2.80	J-QC/FFB	0.00	0.00
J-R	4.60	BJ-QC/FBK/FFB	0.00	0.93
	3.90	J-QC/FFB	0.00	0.00
J-R	5.70	BJ-QC/FBK/FFB	1.05	1.05
J-R	3.50	J-QC/FFB	0.00	0.01
K	5.10	J-QC/FFB	0.50	0.50
	4.90	J-QC/FFB	0.00	0.00
[redacted]				
J-QC/FFD/RPO	5.7	J-QC/FFB	0.00	0.00
	5.8	J-QC/FFB	0.10	0.20
	7.1		0.00	0.17
	3.7	J-QC/FFB	0.67	0.71
	4.3	BJ-QC/FBK/FFB	0.00	0.00
	4.3	BJ-QC/FBK/FFB	0.00	0.00
	4.2		0.64	0.76
	4.9	J-QC/FFB	0.00	0.03
	3.8	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	2.4	J-QC/FFB/FFDRPO	0.00	0.00
	2.5	J-QC/FFB/FFDRPO	0.00	0.00
	4.3	J-QC/FFB/FFDRPO	0.00	0.00

	4.5	J-QC/FFB	0.00	0.00
	2.9	J-QC/FFB	0.00	0.00
	7.4	J-QC/FFB	0.00	0.39
	3.0	J-QC/FFB	0.00	0.28
	6.1	J-QC/FFB	0.00	1.32
	5.8	J-QC/FFB	0.22	0.23
	3.6	J-QC/FFB	0.00	0.00
	8.4	J-QC/FFB	1.36	5.34
	4.3	J-QC/FFB	0.00	0.00
	1.6	J-QC/FFB	0.04	0.04
	3.0	J-QC/FFB	0.00	0.00
K	3.8		0.01	0.01
J-R	4.7	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	3.9		2.19	2.41
[redacted]				
	3.2		0.14	0.14
	3.8	J-QC/FFB	0.02	0.02
	4.7	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	2.6		0.00	0.00
	3.3		0.20	0.82
	3.6		0.03	0.03
	4.0		0.73	0.76
J-QC/FSL	4.2	J-QC/FFB	0.46	0.86
J-QC/FSL	4.2	J-QC/FFB/FFDRPO	0.02	0.18
	4.1	J-QC/FFB	0.02	1.38
J-QC/FSL	3.2	B/FBK	1.12	1.12
	2.4	B/FBK	0.00	0.00
	4.1	J-QC/FFD/RPO	0.00	0.95
J-QC/FSL	3.9	BJ-QC/FBK/FFB	0.00	0.00
	5.6		0.00	0.00
J-QC/FFD/RPO	4.9		0.03	0.07
J-QC/FFB/FFDRPO	4.5	J-QC/FFB	0.00	0.00
	2.5		0.00	0.05
	1.5	J-QC/FFB/FFDRPO	0.00	0.00
	2.0		0.00	0.00
J-QC/FSL	3.3	J-QC/FLD/RPO	0.12	0.62
J-QC/FFD/RPO	3.9	J-QC/FFB/FFDRPO	0.11	0.70
J-QC/FFD/RPO	2.5	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPOFSL	2.5		1.00	1.00
J-QC/FFB/FFDRPOFSL	2.9		0.00	0.00
J-QC/FSL	3.3		0.00	0.35
NA	—	NA	0.00	0.00
NA	—	NA	0.05	1.08
NA	—	NA	0.00	0.05
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	7.5	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFB/FFDRPO	2.9		0.00	0.00
[redacted]				

	3.24	J-QC/FFB/FFDRPO	0.70	0.81
	3.26	J-QC/FFB	0.03	0.03
NA	—	NA	0.18	0.18
J-QC/FFD/RPO	2.90	J-QC/FFB	0.20	0.20
NA	—	NA	0.00	0.00
J-QC/FFB/FFDRPO	3.7	J-QC/FFB	0.46	0.47
NA	—	NA	0.03	0.02
NA	—	NA	0.00	0.13
J-QC/FFD/RPO	3.7	[redacted]	0.00	0.00
J-QC/FFD/RPO	6.9	J-QC	1.46	2.61
J/LLS	4.4	J-QC/FFD/FLDRPO	0.00	0.00
J-QC/FFD/RPO	4.4	J-QC	0.53	0.53
J-QC/FFD/RPO	8.4	J-QC	0.00	0.00
J-QC/FFD/RPO	5.0	[redacted]	0.00	0.00
J-QC/FFB	7.0	J-QC/FSL	0.00	0.04
J-QC/LLS/FFB	3.8	J-QC/FFB	0.00	0.14
K	6.4	J-QC	0.01	0.12
J-QC/FFB/FFDRPO	7.9	[redacted]	0.00	0.00
J-QC/LLS/FFDRPO	4.5	J-QC/FFB/FLDRPO	0.00	0.00
J-QC/FFB/FFDRPO	4.6	J-QC/FFB/FLDRPO	0.57	0.76
J-QC/FFD/RPO	5.4	J-QC/FFD/RPO	0.00	0.02
J-QC/LLS/FFB	3.8	J-QC	0.00	0.00
J-QC/LLS/FFB	3.1	[redacted]	0.00	0.00
J-QC/FFD/RPO	2.7	J-QC	0.01	0.04
J-QC/LLS/FFDRPO	2.6	[redacted]	0.00	0.05
J-QC/FFD/RPO	1.6	[redacted]	0.00	0.00
J-QC/LLS/FFB	2.4	[redacted]	0.00	0.04
J-QC/FFB	3.1	[redacted]	0.00	0.00
	3.2	J-QC	0.00	0.00
	2.98	J-QC/FFD/RPO	0.00	0.03
	9.94	J-QC/FFD/RPO	0.00	0.00
[redacted]				
J-QC	1.4		0.00	0.00
	2.6		0.00	0.00
	3.9		0.01	0.01
	5.4		0.00	0.00
J/LLS	6.1	B/FBK	0.00	0.00
	4.8	B/FBK	0.00	0.00
J/LLS	4.2		0.00	0.00
	8.1		0.99	0.99
	2.3	J-QC/FMS	0.00	0.00
	2.1		0.00	0.00
	2.7	J-QC/FFB	0.00	0.00
	1.8	QC/FBK/FFBFLDRPOF	0.09	0.09
	3.4		0.00	0.00
	5.4		0.00	0.00
	3.5		0.00	0.00
	2.0		0.03	0.03

3.7		0.00	0.00
3.1	J-QC/FFB/FLDRPO	0.00	0.00
2.5		0.00	0.00
1.8	J-QC	0.37	0.37
5.8	J-QC	0.23	0.23
4.1	J-QC	1.59	1.59

Station #7 Union Avenue	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 4, 2003	12:40	6.03	3.0	13.36
December 17, 2003	12:50	6.70	3.2	14.70
2004				
January 7, 2004	14:00	5.90	—	14.15
February 10, 2004	10:45	6.14	—	14.22
February 19, 2004	11:15	6.88	2.3	12.22
March 10, 2004	10:40	6.68	6.0	11.93
March 18, 2004	10:50	6.86	4.3	12.17
April 14, 2004	11:00	6.66	10.5	10.43
April 28, 2004	11:00	6.47	13.1	7.59
May 6, 2004	11:00	6.86	14.9	8.97
May 10, 2004	11:00	6.94	17.1	8.44
May 17, 2004	11:05	6.82	20.9	7.12
May 24, 2004	11:10	7.12	22.6	6.16
June 3, 2004	11:20	7.41	—	6.40
June 7, 2004	11:05	7.47	—	—
June 14, 2004	10:50	8.17	—	8.80
June 21, 2004	11:25	8.24	23.7	11.07
June 30, 2004	11:30	7.47	22.9	—
July 8, 2004	11:45	8.98	25.2	5.96
July 19, 2004	10:45	7.45	22.7	6.94
July 26, 2004	11:50	6.96	22.7	7.80
August 2, 2004	11:35	7.50	—	—
August 9, 2004	10:30	7.44	21.96	6.95
August 16, 2004	10:40	7.24	22.43	6.97
August 23, 2004	11:27	7.49	21.4	8.41
August 30, 2004	11:40	—	25.88	6.56
September 13, 2004	11:07	6.62	—	—
September 20, 2004	10:50	7.14	17.5	9.12
September 27, 2004	11:10	7.22	20.26	8.21
October 6, 2004	10:55	—	14.68	10.69
October 20, 2004	11:05	—	12.0	9.17
November 3, 2004	11:05	8.10	13.1	10.63
November 16, 2004	11:40	—	6.7	11.13
November 30, 2004	10:40	7.87	8.15	12.98
December 14, 2004	10:55	7.50	5.90	12.67
2005				
January 12, 2005	10:42	7.36	3.20	16.90
February 9, 2005	11:06	5.96	4.29	12.05
February 16, 2005	11:55	—	4.28	12.56
March 3, 2005	11:40	—	2.34	15.87
March 16, 2005	12:15	7.65	4.89	16.79
April 6, 2005	12:15	7.67	9.2	11.84
April 21, 2005	11:35	8.06	17.11	10.29
May 5, 2005	11:15	7.17	14.0	—
May 10, 2005	11:05	7.78	17.3	—

May 24, 2005	11:09	6.96	15.6	—
June 7, 2005	10:44	7.58	25.5	—
June 13, 2005	10:54	7.96	28.4	—
June 21, 2005	10:40	7.15	23.6	—
June 27, 2005	10:55	8.73	25.87	10.06
July 6, 2005	11:51	8.79	26.6	—
July 13, 2005	11:55	7.65	25.61	8.50
July 18, 2005	11:47	7.64	26.09	7.67
July 25, 2005	10:11	7.68	26.65	6.15
August 1, 2005	11:22	9.10	28.2	—
August 8, 2005	10:48	—	27.41	8.98
August 15, 2005	11:37	6.88	26.5	—
August 23, 2005	11:26	7.61	26.2	—
September 1, 2005	11:16	—	26.1	—
September 12, 2005	10:47	—	23.8	—
September 20, 2005	11:04	—	24.7	—
September 29, 2005	11:10	—	21.3	—
October 25, 2005	09:54	—	10.9	9.72
November 9, 2005	12:59	7.51	12.0	8.33
November 29, 2005	10:29	—	6.8	11.78
December 13, 2005	10:55	6.24	1.5	13.80
2006				
January 10, 2006	11:21	7.52	3.78	13.72
January 24, 2006	11:15	7.30	3.5	14.67
February 8, 2006	09:15	7.31	3.40	15.47
February 21, 2006	10:44	7.71	2.17	14.55
March 8, 2006	09:51	7.95	4.57	12.65
March 23, 2006	11:35	8.02	6.75	11.88
April 5, 2006	09:34	7.54	11.16	9.26
April 20, 2006	11:29	8.85	17.01	14.16
May 2, 2006	11:07	7.81	15.89	9.30
May 8, 2006	09:49	8.06	18.3	8.95
May 15, 2006	10:51	7.27	15.7	8.46
May 23, 2006	09:37	7.33	15.00	9.62
May 31, 2006	09:56	7.48	24.82	8.13
June 6, 2006	09:46	7.33	19.04	8.56
June 13, 2006	10:57	7.58	18.33	8.65
June 20, 2006	09:43	7.61	24.67	7.05
June 27, 2006	09:40	7.43	22.47	7.04
July 6, 2006	10:29	7.48	23.31	7.98
July 12, 2006	10:46	7.49	25.33	6.83
July 18, 2006	10:27	7.53	27.36	6.32
July 27, 2006	10:54	7.54	25.69	6.87
August 1, 2006	10:23	7.82	28.52	8.28
August 10, 2006	11:24	7.57	26.34	6.45
August 15, 2006	11:45	7.99	23.98	8.88
August 22, 2006	11:22	8.33	25.33	9.44
August 28, 2006	10:00	7.55	20.62	7.89
September 6, 2006	09:37	7.28	18.93	9.47
September 12, 2006	09:37	7.34	19.44	8.54

September 19, 2006		09:27	7.48	20.30	10.95
September 26, 2006		09:31	7.56	19.44	11.47
October 12, 2006		11:27	7.41	16.22	8.78
October 24, 2006		09:48	7.52	11.29	10.88
November 21, 2006		11:08	7.42	8.81	12.22
December 5, 2006		10:32	7.48	6.59	12.34
December 19, 2006		10:20	7.18	7.54	12.42
2007					
January 3, 2007		10:23	7.62	5.83	13.85
January 18, 2007		11:43	7.49	2.87	14.80
January 30, 2007		10:02	7.80	1.20	14.72
February 15, 2007		12:07	7.86	0.26	6.21
February 28, 2007		11:54	7.69	3.33	12.03
March 13, 2007		10:04	7.74	4.77	13.65
March 27, 2007		10:42	7.41	8.23	13.07
April 11, 2007		09:51	7.75	7.80	12.12
April 25, 2007	A	10:12	7.75	16.12	10.07
April 25, 2007	B	10:12	—	—	—
May 2, 2007	A	10:16	7.19	14.99	9.65
May 2, 2007	B	10:16	—	—	—
May 9, 2007		11:17	7.71	16.47	9.50
May 14, 2007		12:21	7.86	18.32	9.13
May 22, 2007		10:30	7.53	17.78	8.01
May 31, 2007		11:27	9.07	24.96	15.86
June 7, 2007		10:01	7.84	20.62	7.74
June 12, 2007		10:02	7.69	23.74	8.32
June 19, 2007		09:36	7.69	23.84	8.56
June 26, 2007		09:55	8.35	23.82	11.70
July 10, 2007		09:44	7.76	27.89	8.35
July 17, 2007		09:47	7.83	25.31	6.26
July 26, 2007		11:12	7.78	23.48	8.49
August 1, 2007		10:11	8.10	25.71	8.23
August 7, 2007		09:54	8.10	25.92	9.66
August 14, 2007		10:31	7.80	22.81	10.74
August 21, 2007		11:37	7.50	19.48	7.58
September 6, 2007		11:26	8.45	23.44	11.71
September 11, 2007		09:58	7.95	24.62	4.84
September 20, 2007		09:48	8.37	19.23	9.61
September 27, 2007		11:21	7.97	22.11	10.27
October 11, 2007		11:10	7.79	19.82	4.83
October 23, 2007		09:58	9.26	18.63	9.22
November 20, 2007	A	11:13	—	7.16	11.24
November 20, 2007	B	11:13	—	—	—
December 4, 2007		10:07	—	3.40	12.27
December 18, 2007		09:55	—	1.01	12.93
2008					
January 29, 2008		09:43	7.72	2.24	12.01
February 26, 2008		10:12	7.96	2.92	13.23
March 25, 2008		10:23	7.35	5.88	13.07
April 15, 2008		09:59	7.69	12.62	10.88

May 6, 2008		10:08	8.32		15.58		7.60
May 13, 2008		12:35	6.97		13.45		9.17
May 20, 2008		10:14	7.53		14.15		8.92
May 29, 2008	A	11:39	7.91		18.95		8.26
May 29, 2008	B	11:39	—		—		—
June 3, 2008		10:41	8.61		22.24		8.05
June 10, 2008		10:19	7.69		26.33		5.26
June 17, 2008		10:24	—		24.34		6.65
June 24, 2008		09:53	—		23.43		6.24
July 1, 2008		11:30	7.92		26.67		8.87
July 10, 2008		12:40	7.94		26.25		7.88
July 15, 2008		10:37	—		25.42		7.38
July 22, 2008		10:12	—		28.07		7.49
July 29, 2008		09:51	—		24.77		7.11
August 5, 2008		09:44	—		24.18		9.49
August 12, 2008		10:04	—		22.54		7.89
August 19, 2008		09:52	—		24.30		11.78
August 26, 2008		09:49	—		23.48		10.27
September 9, 2008		09:48	—		22.54		7.53
September 16, 2008		10:33	—		22.67		8.53
September 24, 2008	A	11:44	—		19.68		6.94
September 24, 2008	B	11:44	—		—		—
November 24, 2008		10:13	—		2.99		11.96
December 2, 2008		09:49	—		5.45		14.04
2009							
February 3, 2009		10:05	—	NAPEFAI/EQF	2.56		13.83
March 4, 2009		10:18	—	NAPEFAI/EQF	0.82		14.62
April 8, 2009		10:04	—	NAPEFAI/EQF	9.3		4.77
May 5, 2009		10:10	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
May 12, 2009		09:44	—	NAPEFAI/EQF	16.0		8.34
May 19, 2009		09:54	—	NAPEFAI/EQF	15.4		8.33
May 28, 2009	A	11:00	—	NAPEFAI/EQF	18.9		8.35
May 28, 2009	B	11:00	—		—		—
June 2, 2009		10:08	—	NAPEFAI/EQF	20.5		7.65
June 16, 2009		10:12	7.26		18.63		8.99
June 23, 2009		10:12	7.22		19.28		9.09
July 8, 2009		12:23	7.56		22.36		7.16
July 14, 2009		10:04	7.75		22.22		7.59
July 21, 2009		09:57	7.72		23.85		7.78
July 29, 2009		10:28	7.45		24.82		6.20
August 4, 2009		10:16	7.55		22.76		7.95
August 11, 2009		09:57	7.50		24.19		7.36
August 18, 2009		10:18	7.58		26.85		7.65
August 25, 2009		10:20	7.43		24.61		7.40
September 1, 2009		10:48	7.50		21.06		7.59
September 10, 2009	A	11:08	7.73		21.32		7.33
September 10, 2009	B	11:08	—		—		—
September 15, 2009		11:20	7.60		20.45		8.12
September 22, 2009		09:58	7.62		19.06		8.46
October 6, 2009		09:47	7.49		16.36		8.52

November 18, 2009		09:48	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 16, 2009		09:41	8.09		3.17		14.02
2010							
January 5, 2010		10:24	7.87		0.03		14.57
February 4, 2010	A	11:04	7.19		1.27		13.84
February 4, 2010	B	11:04	—	NA	—	NA	—
March 9, 2010		10:04	7.64		6.45		12.62
April 7, 2010		09:57	7.41		15.80		10.06
May 4, 2010		10:56	7.18		19.41		8.65
May 11, 2010		10:05	7.20		14.42		9.56
May 18, 2010	A	11:15	7.60		17.97		7.91
May 18, 2010	B	11:15	—	NA	—	NA	—
May 25, 2010		10:09	7.34		19.85		7.62
June 9, 2010		09:59	8.67		21.79		9.56
June 16, 2010	A	10:59	7.95		22.84		9.50
June 16, 2010	B	10:59	—	NA	—	NA	—
June 22, 2010		10:06	8.63		25.49		10.90
June 29, 2010		10:25	8.30		26.97		5.35
July 13, 2010		10:05	8.55		26.83		8.60
July 20, 2010		10:04	7.30		26.55		4.90
July 27, 2010		10:33	7.80		25.61		8.32
August 3, 2010		10:02	7.87		24.23		7.18
August 10, 2010		10:08	7.69		26.57		4.76
August 17, 2010		09:54	7.49		24.73		6.16
August 24, 2010		09:38	7.34		21.57		7.69
August 31, 2010		10:24	7.43		23.70		6.41
September 9, 2010		11:32	7.75		22.77		7.70
September 14, 2010		10:04	7.45		19.68		7.37
September 22, 2010	A	11:24	7.70		20.17		8.00
September 22, 2010	B	11:24	—	NA	—	NA	—
September 27, 2010		10:36	7.57		21.14		6.59
October 5, 2010		09:37	7.26		15.19		9.85
November 16, 2010		09:45	6.89		9.52		10.57
December 7, 2010		09:56	7.30		2.83		13.71
2011							
January 4, 2011		10:58	5.75		2.05		13.86
February 8, 2011		10:08	6.57		3.03		14.17
March 8, 2011		10:08	—	NAPEFAI/EQF	4.42		15.15
April 12, 2011		09:46	7.89		13.65		9.74
May 3, 2011		09:50	7.47		15.26		9.82
May 10, 2011		09:35	7.56		16.34		9.42
May 17, 2011		10:25	7.64		15.72		8.94
May 24, 2011		09:38	6.68		16.45		9.49
June 1, 2011	A	10:31	7.49		24.12		7.88
June 1, 2011	B	10:31	—	NA	—	NA	—
June 7, 2011		09:33	7.64		21.01		7.61
June 16, 2011		09:46	7.47		22.14		8.13
June 21, 2011		09:40	7.50		23.02		11.62
June 28, 2011		09:55	7.41		22.77		9.03
July 7, 2011	A	11:24	8.58		25.15		8.03

July 7, 2011	B	11:24	—	NA	—	NA	—
July 12, 2011		09:44	7.54		26.05		8.20
July 26, 2011		10:05	7.53		26.49		5.96
August 2, 2011		10:04	7.75		27.33		7.47
August 10, 2011		09:53	7.65		25.14		7.24
August 16, 2011		09:58	7.50		22.03		9.30
August 23, 2011		09:38	7.40		22.23		7.51
September 8, 2011	A	11:25	7.06		19.54		10.73
September 8, 2011	B	11:25	—	NA	—	NA	—
September 12, 2011		09:48	7.10		20.63		9.90
September 20, 2011		09:47	7.45		16.99		10.14
September 27, 2011		09:36	7.32		21.02		13.29
October 19, 2011	A	11:25	7.47		15.48		9.29
October 19, 2011	B	11:25	—	NA	—	NA	—
November 16, 2011	A	11:32	7.47		11.26		11.31
November 16, 2011	B	11:32	—	NA	—	NA	—
December 8, 2011		11:32	7.04		8.28		11.60
2012							
January 12, 2012		12:19	7.68		5.16		10.39
February 9, 2012	A	11:08	7.69		4.52		13.31
February 9, 2012	B	11:08	—	NA	—	NA	—
March 7, 2012		11:07	7.78		5.69		14.24
April 19, 2012	A	11:20	8.67		17.99		10.52
April 19, 2012	B	11:20	—	NA	—	NA	—
May 3, 2012		11:29	7.26		13.94		9.16
May 10, 2012	A	10:56	7.27		17.32		8.59
May 10, 2012	B	10:56	—	NA	—	NA	—
May 17, 2012		10:59	7.32		19.67		7.47
May 24, 2012		10:30	7.59		19.72		7.53
May 31, 2012	A	11:25	7.22		23.87		7.01
May 31, 2012	B	11:25	—	NA	—	NA	—
June 6, 2012		11:34	7.36		18.86		7.48
June 14, 2012		10:54	7.30		21.23		8.15
June 20, 2012	A	11:14	7.47		22.46		8.87
June 20, 2012	B	11:14	—	NA	—	NA	—
June 26, 2012		10:22	7.32		24.56		6.65
July 12, 2012	A	11:14	8.14		27.05		8.63
July 12, 2012	B	11:14	—	NA	—	NA	—
July 18, 2012		10:55	7.58		27.42		5.77
July 26, 2012	A	11:54	7.51		25.69		6.64
July 26, 2012	B	11:54	—	NA	—	NA	—
August 1, 2012		10:09	7.57		24.95		7.15
August 8, 2012		10:02	7.90		26.27		7.72
August 16, 2012	A	10:47	7.32		23.43		5.42
August 16, 2012	B	10:47	—	NA	—	NA	—
August 23, 2012		10:07	7.56		23.57		6.91
August 29, 2012	A	10:01	8.15		25.41		4.98
August 29, 2012	B	10:01	—	NA	—	NA	—
September 6, 2012		10:13	7.58		24.59		5.67
September 13, 2012	A	10:10	7.59		21.78		7.87

September 13, 2012	B	10:10	—	NA	—	NA	—
September 24, 2012		11:05	7.66		19.71		7.48
October 18, 2012	A	10:34	7.59		14.27		9.14
October 18, 2012	B	10:34	—	NA	—	NA	—
November 5, 2012		10:04	8.00	[redacted]	9.77	[redacted]	10.75
November 7, 2012		10:17	8.13		7.95		14.01
November 8, 2012		10:18	7.71		6.12		15.68
November 9, 2012		10:09	8.05		6.04		15.50
November 14, 2012		10:30	7.86		9.50		9.83
November 15, 2012		10:34	7.99		8.81		15.67
November 28, 2012		09:58	8.07		5.45		14.28
December 13, 2012		09:34	7.57		7.03		10.51
2013							
January 16, 2013		10:02	8.06		5.15		12.89
February 11, 2013		09:56	8.10		1.52		16.29
February 25, 2013		08:38	8.61		3.76		14.55
March 4, 2013		11:54	7.71		3.55		14.38
March 20, 2013		08:32	8.23		3.20		15.31
April 10, 2013		11:02	8.37		15.79		15.22
April 17, 2013		10:00	7.98		14.20		7.21
April 29, 2013		10:16	8.28		16.27		12.40
May 2, 2013		11:32	7.89		16.38		6.87
May 6, 2013		10:51	8.24		18.50		11.20
May 15, 2013	A	10:54	7.40		16.14		7.84
May 15, 2013	B	10:54	—	NA	—	NA	—
May 23, 2013		10:58	7.10		21.39		7.83
May 30, 2013		10:58	7.18		17.67		8.69
June 5, 2013		11:50	7.40		22.02		8.27
June 12, 2013		11:07	7.25		19.63		10.03
June 19, 2013		11:33	7.35		20.54		11.14
June 26, 2013		11:31	7.38		25.43		10.10
July 2, 2013		10:42	7.39		23.70		13.54
July 10, 2013		11:30	6.87		27.62		7.47
July 17, 2013	A	11:50	7.50		27.73		5.71
July 17, 2013	B	11:50	—	NA	—	NA	—
July 24, 2013		11:24	7.61		26.98		6.67
August 7, 2013		10:21	7.97		23.38		7.85
August 14, 2013	A	11:00	7.55		22.47		7.03
August 14, 2013	B	11:00	—	NA	—	NA	—
August 21, 2013	A	10:22	7.60		22.75		7.75
August 21, 2013	B	10:22	—	NA	—	NA	—
August 28, 2013		11:36	8.02		24.20		8.81
September 5, 2013	A	10:36	7.65		23.43		7.31
September 5, 2013	B	10:36	—	NA	—	NA	—
September 18, 2013		11:10	7.68		18.13		8.63
September 26, 2013	A	10:45	7.98		17.33		11.00
September 26, 2013	B	10:45	—	NA	—	NA	—
October 16, 2013		10:42	7.41		16.79		7.29
November 14, 2013	A	11:00	5.69		6.21		10.58
November 14, 2013	B	11:00	—	NA	—	NA	—

December 12, 2013		10:12	5.90		1.68		13.59
2014							
February 10, 2014		11:48	6.34		0.06		15.19
March 12, 2014	A	10:58	7.05		6.40		13.08
March 12, 2014	B	10:58	—	NA	—	NA	—
April 3, 2014		11:12	6.69		7.43		12.99
May 7, 2014		11:11	6.86		14.32		10.96
May 15, 2014		11:07	7.01		18.00		8.94
May 21, 2014		11:23	7.09		16.99		8.88
June 4, 2014		11:22	7.34		22.75		6.58
June 11, 2014	A	11:55	7.16		20.59		7.84
June 11, 2014	B	11:55	—	NA	—	NA	—
June 18, 2014		11:47	7.63		22.81		7.69
June 26, 2014		11:36	7.88		23.70		7.55
July 2, 2014	A	10:56	7.83		25.08		8.36
July 2, 2014	B	10:56	—	NA	—	NA	—
July 9, 2014		12:01	7.29		24.69		6.86
July 15, 2014		10:20	6.70		24.47		6.40
August 5, 2014		10:15	7.37		23.73		7.80
August 13, 2014	A	11:16	7.82		23.29		7.06
August 13, 2014	B	11:16	—	NA	—	NA	—
August 20, 2014		11:13	7.99		23.16		12.82
August 27, 2014		10:16	7.72		23.21		10.63
September 4, 2014		11:39	8.34		25.32		9.33
September 10, 2014		10:48	7.87		23.20		8.19
September 16, 2014		11:40	7.59		19.23		10.67
September 30, 2014		11:24	7.85		19.80		9.09
October 8, 2014		11:25	7.37		17.07		7.60
December 10, 2014		11:21	5.12		3.72		13.08

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	99.1	0.1	—	5
	110.6	0.2	—	14
[redacted]				
	105.5	0.2	—	4
	101.4	0.3	—	4
	88.8	0.3	—	6
	96.5	0.3	—	2
	94.2	0.5	—	2
	93.1	0.2	—	22
	72.4	0.2	—	9
	88.5	0.2	—	8
	87.3	0.2	—	10
	78.7	0.2	—	8
	73.2	0.3	—	8
	—	—	—	10
	—	—	—	15
	—	—	—	10
	129.7	—	—	20
	—	—	—	8
	72.5	—	—	43
	80.6	—	—	4
	88.8	0.3	—	21
	—	—	—	—
	79.6	0.24	—	10
	80.5	0.19	—	8
	95.2	0.15	—	14
	80.8	0.23	—	6
	—	—	—	10
	94.4	0.2	—	23
	91.1	0.20	—	13
	105.3	0.15	—	10
	85.2	0.2	—	12
	101.3	—	—	10
	89.7	—	—	6
	110.2	0.12	—	22
	101.4	0.14	—	4
[redacted]				
	125.7	0.38	—	4
	92.8	0.39	—	2
	96.8	0.24	—	6
	116.7	0.45	—	2
	131.8	0.41	—	4
	101.6	0.1	—	14
	106.6	0.26	—	4
	—	—	—	7
	—	—	—	7

—	—	—	8
—	—	—	8
—	—	—	6
—	—	—	10
124.2	0.30	—	32
—	—	—	14
104.1	0.22	—	16
94.9	0.29	—	10
77.2	0.31	—	38
—	—	—	40
113.6	0.34	—	50
—	—	—	17
—	—	—	33
—	—	—	26
—	—	—	20
—	—	—	36
—	—	—	17
88.1	0.1	—	10
79.7	0.2	—	7
95.9	0.2	—	4
98.7	0.3	—	16
[redacted]			
104.1	0.21	—	4
110.7	0.2	—	2
115.9	0.19	—	4
105.9	0.31	—	2
98.2	0.47	—	5
97.5	0.34	—	2
84.5	0.31	—	8
146.9	0.34	—	12
94.1	0.26	—	10
95.4	0.3	—	10
85.6	0.2	—	10
95.6	0.20	—	14
98.0	0.26	—	15
92.5	0.17	—	18
92.1	0.18	—	8
85.0	0.25	—	10
81.5	0.20	—	6
93.5	0.18	—	17
83.2	0.20	—	9
79.8	0.24	—	12
84.4	0.20	—	8
106.9	0.26	—	8
80.2	0.32	—	14
105.7	0.30	—	31
115.2	0.34	—	10
87.9	0.18	—	10
101.9	0.15	—	14
93.0	0.21	—	18

121.2	0.17	—	6
124.9	0.24	—	12
89.4	0.15	—	13
99.3	0.20	—	8
105.4	0.13	—	6
100.7	0.17	—	3
102.8	0.25	—	2
[redacted]			
110.9	0.15	—	10
109.6	0.17	—	2
104.2	0.28	—	2
43.0	0.39	—	2
90.5	0.64	—	5
106.5	0.32	—	6
111.1	0.26	—	7
102.1	0.28	—	6
102.2	0.19	—	9
—	—	—	8
95.8	0.16	—	8
—	—	—	14
97.1	0.23	—	6
97.3	0.28	—	12
84.4	0.27	—	3
191.5	0.33	—	14
86.2	0.28	—	10
98.5	0.35	—	13
101.7	0.35	—	19
138.0	0.34	—	15
106.7	0.25	—	12
76.5	0.26	—	32
100.1	0.23	—	16
100.9	0.26	—	20
119.6	0.30	—	24
124.9	0.18	—	7
83.1	0.24	—	6
138.6	0.32	—	8
58.3	0.20	—	16
104.3	0.40	—	12
118.2	0.43	—	16
52.9	0.34	—	14
98.8	0.30	—	18
93.1	0.26	—	5
—	—	—	8
92.4	0.41	—	10
91.3	0.72	—	6
[redacted]			
87.7	0.31	—	4
98.2	0.27	—	6
104.8	0.18	—	5
102.6	0.24	—	8

	76.4		0.24		—	4	
	87.7		0.20		—	8	
	87.0		0.18		—	8	
	89.2		0.22		—	8	
	—		—		—	9	
	92.8		0.27		—	6	
	65.3		0.26		—	4	
	79.5		0.27		—	6	
	73.6		0.27		—	4	
	110.9		0.34		—	8	
	97.8		0.37		—	11	
	90.2		0.30		—	12	
	96.1		0.40		—	31	
	85.9		0.25		—	10	
	113.0		0.27		—	30	
	91.4		0.29		—	20	
	141.3		0.33		—	26	
	121.0		0.41		—	34	
	87.0		0.19		—	8	
	99.0		0.23		—	6	
	75.9		0.35		—	6	
	—		—		—	10	
	88.9		0.21		—	2	
	111.4		0.26		—	4	
[redacted]							
	102.3		0.70		—	2	
	102.6		0.54		—	2	J-QC/FFD/RPO
	41.5		0.2		—	9	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	12	J-QC/FFB
	84.5		0.2		—	12	
	83.4		0.2		—	11	
	90.5		0.3		—	14	
	—		—		—	16	
	85.5		0.3		—	8	J-QC/FFD/RPO
	96.2		0.16		—	60	
	98.5		0.17		—	13	J-QC/FLD/RPO
	82.6		0.23		—	6	
	87.3		0.29		—	7	
	92.2		0.29		—	14	
	74.8		0.23		—	10	
	92.2		0.17		—	10	
	87.7		0.21		—	8	
	95.9		0.20		—	6	J-QC/FFD/RPO
	88.9		0.21		—	6	
	85.4		0.26		—	8	J-QC/FFD/FLDRPO
	83.0		0.36		—	22	J-QC/FFD/RPO
	—		—		—	10	J-QC/FFD/RPO
	90.3		0.33		—	11	J-QC/FFB
	91.5		0.35		—	23	J-QC/FFD/RPO
	87.1		0.36		—	15	

NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		6	J-QC/FFD/RPO
	104.8		0.21		—		10	
[redacted]								
	100.3		0.27		—	NA	4	J-QC/FFD/RPO
	98.3		0.32		—	NA	5	
NA	—	NA	—	NA	—	NA	5	
	102.8		0.35		—	NA	6	J-QC/FFD/RPO
	101.5		0.18		—	NA	9	
	94.1		0.19		—	NA	9	
	93.7		0.25		—	NA	8	
	83.6		0.30		—	NA	6	
NA	—	NA	—	NA	—	NA	6	
	83.6		0.28		—	NA	12	
	109.1		0.37		—	NA	18	
	110.3		0.33		—	NA	18	
NA	—	NA	—	NA	—	NA	20	
	133.3		0.33		—	NA	21	
	67.4		0.30		—	NA	18	
	108.4		0.38		—	NA	44	
	61.1		0.21		—	NA	8	
	102.3		0.26		—	NA	16	
	86.1		0.36		—	NA	16	
	59.4		0.42		—	NA	14	
	74.3		0.36		—	NA	4	J-QC/FFD/RPO
	87.3		0.22		—	NA	10	
	75.8		0.32		—	NA	17	
	89.6		0.38		—	NA	20	J-QC/FFD/RPO
	80.6		0.41		—	NA	8	
	88.4		0.36		—	NA	12	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	7	J-QC/FFD/RPO
	74.3		0.38		—	NA	20	
	98.1		0.18		—	NA	8	
	92.8		0.40		—	NA	6	
	101.6		0.20		—	NA	8	
[redacted]								
	100.7		0.49		—	NA	4	
	106.0		0.97		—	NA	3	J-QC/FFD/RPO
	117.1		0.11		—	NA	61	
	93.9		0.32		—	NA	5	
	98.1		0.22		—	NA	7	J-QC/FFD/FLDRPO
	96.4		0.29		—	NA	4	J-QC/FFD/RPO
	90.1		0.28		—	NA	10	
	97.3		0.17		—	NA	11	
	94.0		0.25		—	NA	6	
NA	—	NA	—	NA	—	NA	6	
	85.5		0.29		—	NA	4	
	93.5		0.28		—	NA	8	J-QC/FFB/FFDFLDRPO
	135.3		0.22		—	NA	6	
	104.9		0.19		—	NA	10	J-QC/FFD/RPO
	97.5		0.31		—	NA	16	

NA	—	NA	—	NA	—	NA	14	
	101.4		0.28		—	NA	6	
	74.2		0.36		—	NA	6	J-QC/FLD/RPO
	94.6		0.31		—	NA	18	J-QC/FLD/RPO
	87.6		0.26		—	NA	12	
	106.2		0.21		—	NA	6	
	86.5		0.19		—	NA	19	
	116.9		0.09		—	NA	52	
NA	—	NA	—	NA	—	NA	46	
	110.4		0.11		—	NA	8	
	105.1		0.20		—	NA	3	J-QC/FFD/RPO
	149.3		0.18		—	NA	9	J-QC/FFD/RPO
	93.1		0.21		—	NA	3	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	8	J-QC/FFD/RPO
	103.3		0.25		—	NA	4	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
	98.7		0.12		—	NA	30	
[redacted]								
	81.8		0.23		—	NA	5	J-QC/FFD/RPO
	103.2		0.27		—	NA	14	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/FLDRPO
	113.7		0.29		—	NA	5	
	111.4		0.36		—	NA	17	
NA	—	NA	—	NA	—	NA	15	
	88.9		0.23		—	NA	20	
	89.6		0.29		—	NA	10	
NA	—	NA	—	NA	—	NA	8	
	81.7		0.32		—	NA	6	
	82.5		0.24		—	NA	6	
	83.2		0.26		—	NA	8	
NA	—	NA	—	NA	—	NA	6	
	80.5		0.19		—	NA	10	
	91.9		0.20		—	NA	10	
	102.6		0.25		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	80.2		0.27		—	NA	8	
	108.6		0.42		—	NA	11	
NA	—	NA	—	NA	—	NA	10	
	73.1		0.37		—	NA	15	
	81.4		0.35		—	NA	27	
NA	—	NA	—	NA	—	NA	25	
	86.6		0.25		—	NA	10	J-QC/FLD/RPO
	95.3		0.29		—	NA	14	
	63.6		0.16		—	NA	18	
NA	—	NA	—	NA	—	NA	19	
	81.5		0.31		—	NA	10	
	60.5		0.29		—	NA	—	A/LBF
NA	—	NA	—	NA	—	NA	10	
	68.2		0.28		—	NA	16	
	89.7		0.26		—	NA	8	

NA	—	NA	—	NA	—	NA	8	
	81.8		0.28		—	NA	6	
	89.4		0.35		—	NA	20	
NA	—	NA	—	NA	—	NA	20	
	94.9		0.21		—	NA	—	NA
	118.4		0.22		—	NA	—	NA
	126.7		0.25		—	NA	—	NA
	125.4		0.38		—	NA	—	NA
	86.3		0.45		—	NA	—	NA
	135.2		0.43		—	NA	—	NA
	113.4		0.44		—	NA	4	J-QC/FFD/FLDRPO
	86.6		0.43		—	NA	6	J-QC/FLD/RPO
	101.5		0.37		—	NA	10	
	116.6		0.51		—	NA	4	
	110.6		0.39		—	NA	—	NA
	108.6		0.26		—	NA	4	
	114.6		0.40		—	NA	—	NA
	154.2		0.35		—	NA	10	
	70.1		0.32		—	NA	—	NA
	126.4		0.32		—	NA	—	NA
	70.6		0.34		—	NA	6	
	119.9		0.37		—	NA	17	
	79.5		0.27		—	NA	8	
NA	—	NA	—	NA	—	NA	7	
	88.6		0.28		—	NA	5	J-QC/FLD/RPO
	91.3		0.19		—	NA	7	
	95.4		0.24		—	NA	6	
	109.6		0.15		—	NA	23	
	124.3		0.16		—	NA	20	
	123.7		0.26		—	NA	2	
	160.0		0.16		—	NA	17	
	95.9		0.22		—	NA	4	
	72.8		0.30		—	NA	4	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	3	J-QC/FFD/RPO
	83.6		0.24		—	NA	11	
	92.3		0.27		—	NA	6	J-QC
	81.2		0.26		—	NA	6	
NA	—	NA	—	NA	—	NA	6	
	90.0		0.30		—	NA	11	
NA	—	NA	—	NA	—	NA	9	
	105.4		0.31		—	NA	5	
	86.1		0.31		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	91.6		0.29		—	NA	12	J-QC/FLD/RPO
	114.9		0.36		—	NA	2	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	<1	KJ-QC/FFD/RPO
	75.3		0.37		—	NA	10	
	85.7		0.39		—	NA	2	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO

	97.7		0.50		—	NA	6		
[redacted]									
	104.6		0.77		—	NA	5	J-QC/FFD/RPO	
	106.4		0.41		—	NA	11	J-QC/FFB	
NA	—	NA	—	NA	—	NA	10	J-QC/FFB	
	108.2		0.20		—	NA	12		
	107.2		0.16		—	NA	18		
	94.7		0.24		—	NA	8		
	91.9		0.23		—	NA	8		
	76.4		0.30		—	NA	9		
	87.3		0.33		—	NA	12		
NA	—	NA	—	NA	—	NA	10		
	89.5		0.27		—	NA	6		
	89.5		0.27		—	NA	18		
	101.7		0.34		—	NA	12	J-QC/FLD/RPO	
NA	—	NA	—	NA	—	NA	12	J-QC/FLD/RPO	
	82.6		0.27		—	NA	9		
	76.7		0.20		—	NA	12		
	92.3		0.31		—	NA	12		
	83.0		0.34		—	NA	14		
NA	—	NA	—	NA	—	NA	14		
	150.1		0.39		—	NA	10		
	124.7		0.38		—	NA	14	J-QC/FLD/RPO	
	113.5		0.33		—	NA	13		
	96.0		0.45		—	NA	42		
	115.8		0.43		—	NA	19		
	100.1		0.48		—	NA	20		
	78.9		0.35		—	NA	9	J-QC/FLD/RPO	
	99.2		0.20		—	NA	17	J-QC/FFB	
[redacted]									

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.75	<2	<0.09	0.011
0.88	<2	0.18	0.019
[redacted]			
0.60	<2	<0.09	0.028
0.83	2	<0.19	0.029
0.81	2	<0.19	0.027
0.08	2	<0.19	0.015
1.25	3	<0.19	0.017
0.98	2	<0.19	0.026
0.65	2	<0.19	0.021
0.99	3	<0.19	0.035
0.70	2	<0.19	0.031
1.17	2	<0.19	0.044
0.62	4	<0.19	0.047
0.55	3	<0.19	0.014
0.58	2	<0.19	0.032
0.82	3	<0.19	0.030
1.00	3	<0.19	0.040
2.28	<2	<0.19	0.048
—	<2	<0.19	0.063
3.29	<2	<0.19	0.025
3.49	<2	<0.19	0.030
—	<2	<0.19	0.027
0.72	4	<0.19	0.029
2.21	<2	<0.19	0.034
1.91	2	<0.19	0.071
2.04	<2	<0.19	0.022
1.44	<2	<0.19	0.023
1.24	<2	<0.19	0.017
0.92	2	<0.19	0.016
0.72	<2	<0.19	0.015
1.03	<2	<0.19	0.020
1.00	<2	<0.19	0.026
0.39	13	<0.19	0.015
0.86	<2	<0.19	0.017
0.86	<2	<0.19	0.012
[redacted]			
0.72	<2	<0.19	0.020
<1.00	7	<0.19	0.041
0.90	3	<0.19	0.021
<1.00	<2	<0.19	0.019
0.95	<2	<0.19	0.019
0.59	<2	<0.19	0.015
0.91	<2	<0.19	0.025
0.74	<2	<0.19	0.024
1.06	<2	<0.19	0.040

1.45	<2	<0.27	0.048
1.51	—	<0.27	0.048
0.79	3	<0.27	0.051
1.77	—	<0.27	0.048
1.84	5	<0.27	0.041
1.70	—	<0.27	0.075
1.54	<2	<0.27	0.029
1.45	—	<0.27	0.039
1.57	<2	<0.27	0.037
3.57	5	<0.27	0.019
1.32	6	<0.27	0.034
1.90	4	<0.27	0.039
1.72	3	0.40	0.043
1.35	<2	<0.27	0.044
1.70	4	<0.27	0.039
1.68	<2	<0.27	0.048
1.96	<2	<0.27	0.039
1.02	<2	<0.27	0.020
0.91	<2	<0.27	0.020
0.84	<2	<0.27	0.020
<1.00	<2	<0.27	0.020
[redacted]			
0.78	<2	<0.27	0.02
0.74	3	<0.27	0.013
<1.00	3	<0.27	0.018
0.83	4	<0.27	0.019
<1.00	3	<0.27	0.024
1.18	<2	<0.27	0.033
1.03	4	<0.27	0.063
2.07	5	<0.295	0.049
1.58	4	<0.295	0.025
1.21	—	<0.295	0.047
1.45	—	<0.295	0.038
1.18	—	<0.295	0.037
1.64	<2	<0.295	0.039
1.45	<2	<0.295	0.035
1.37	<2	<0.295	0.034
1.68	<2	<0.295	0.030
<1.00	—	<0.295	0.040
1.60	<2	<0.295	0.027
1.14	—	<0.295	0.020
1.23	—	<0.295	0.024
—	<2	<0.295	0.025
1.69	<2	<0.295	0.026
1.90	<2	<0.295	0.032
2.10	<2	<0.295	0.033
2.01	3	<0.295	0.038
2.14	—	<0.295	0.029
1.04	<2	<0.295	0.018
0.88	<2	0.52	—

0.94	<2	<0.295	0.015
0.98	<2	<0.295	0.025
0.91	3	<0.295	0.027
<1.00	<2	<0.295	0.013
0.80	—	<0.295	0.009
0.89	<2	<0.295	0.016
0.75	<2	<0.295	0.017
[redacted]			
0.78	<2	<0.295	0.018
0.63	<2	<0.295	0.013
0.61	<2	<0.295	0.016
0.73	<2	<0.295	0.021
0.75	4	<0.295	0.036
0.74	—	<0.295	0.020
0.55	<2	0.051	0.010
0.80	<2	<0.039	0.016
0.59	—	0.065	0.010
0.58	3	0.051	0.008
0.84	<2	0.032	0.021
0.88	—	0.046	0.022
0.77	<2	0.116	0.021
0.86	<2	0.143	0.030
0.78	<2	0.199	0.033
1.45	4	0.176	0.048
0.60	<2	0.241	0.041
0.96	<2	0.083	0.039
0.94	<2	<0.039	0.047
1.12	3	0.046	0.047
0.86	<2	0.102	0.029
1.17	<2	0.073	0.029
1.10	<2	<0.039	0.013
1.21	<2	<0.039	0.017
1.06	<2	<0.039	0.030
<0.30	<2	<0.039	0.015
<0.30	<2	0.109	0.020
1.79	3	0.135	0.021
1.58	<2	0.052	0.032
0.87	<2	0.042	0.032
1.30	<2	0.146	0.031
1.86	<2	0.278	0.051
1.31	<2	0.124	0.021
0.80	2	0.167	0.058
1.09	2	0.154	0.059
0.93	<2	0.060	0.016
0.80	<2	0.181	0.016
[redacted]			
1.11	<2	<0.039	0.018
1.52	<2	0.026 J-R	0.015
0.84	<2	0.140	0.012
1.11	<2	0.064	0.020

1.10		<2		0.102		0.028
1.21		<2		0.132		0.036
0.76		<2		0.128		0.023
1.44		<2		0.047		0.029
1.37		<2		0.051		0.030
1.25		<2		<0.017		0.045
1.66		<2		<0.017		0.059
1.18		<2		0.162		0.073
0.68		<2		0.041		0.147
0.82		<2		0.167		0.038
0.79		3		0.081		0.028
1.14		<2		0.090		0.035
1.57		<2		0.153		0.030
1.44		<2		0.140		0.013
2.83		<2		0.023	J-R	0.023
2.36		3		0.059		0.025
5.13		3		0.036		0.028
2.40		<2		0.032	J-R	0.042
1.08		<2		0.135		0.019
1.54		<2		0.340		0.022
1.22		<2		0.139		0.025
1.25		<2		0.134		0.024
1.05		<2		0.069		0.018
0.82		<2		0.985		0.038
[redacted]						
0.93	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.127	J-QC/FSL/FMS	0.024
0.98	BJ-QC/FBK/FFBFLS	<2	K	0.158		0.031
1.37	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.146		0.017
1.73	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.056
1.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.042	J-QC/FFD/RPOFMS	0.018
1.35	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.038
1.31	BJ-QC/FBK/FFBFLS	<2	K	0.073		0.041
1.33	BJ-QC/FBK/FFBFLS	<2	K	0.063		0.044
1.03	B/FBK	3		0.037		0.056
1.48		<2	K	0.172		0.028
0.89		<2	K	0.193		0.020
1.13	B/FBK	<2	K	<0.018	K	0.020
1.05	BJ-QC/FBK/FLS	<2	K	<0.018	K	0.014
1.14	B/FBK	<2	KJ-QC/FFD/RPO	<0.018	K	0.024
1.45	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	KJ-QC/FFD/RPO	0.021
1.29	BJ-QC/FBK/FFBFLDRPO	<2	K	0.036		0.014
1.07	J-QC/FLS	<2	KJ-QC/FLS	<0.018	K	0.019
1.56	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.017
1.41	BJ-QC/FBK/FFBFLS	<2	K	<0.018	KJ-QC/FFD/RPO	0.015
1.36	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.017
1.41	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.018	K	0.013
1.34	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.018	K	0.013
2.04	BJ-QC/FBK/FFBFLS	3	J-QC/FFB	<0.018	K	0.019
1.32	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.025	J-R	0.014
0.99	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	<0.018	K	0.016

1.27	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.017
1.74	BJ-QC/FBK/FFBFFDRPO	<2	K	0.147		0.015
[redacted]						
1.46	BJ-QC/FBK/FFBFLS	<2	K	0.163		0.013
1.24	BJ-QCJ-HT/FBK/FFBEHT	6	J-QC/FLS	0.170		0.043
1.16	BJ-QCJ-HT/FBK/FFBEHT	6	J-QC/FLS	0.160		0.041
1.10	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.085		0.0287
1.48	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0175	K	0.0130
1.92	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.080	J-QC/FSL	0.0165
2.14	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	KJ-QC/FMS	0.0230
2.21	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.171		0.0419
1.92	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.156		0.0430
2.02	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.065		0.0334
1.52	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0175	KJ-QC/FFD/RPO	0.0468
2.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.096		0.0302
2.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.091		0.0312
2.48	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.060		0.0317
2.29	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	3	J-QC/FLS	0.136		0.0381
4.09	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	<0.0175	KJ-QC/FFD/RPOFMS	0.0619
2.61	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.065	J-QC/FSL	0.0246
2.59	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0278
1.81	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.026	J-R	0.0209
1.92	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.168		0.0399
2.39	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FFD/RPOFLS	0.262	J-QC/FFD/RPO	0.0557
1.87	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.131		0.0182
1.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.047	J-QC/FFD/RPO	0.0221
1.80	BJ-QC/FBK/FFBFLS	—	J-QC/FLS	<0.0175	K	0.0201
1.87	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0231
2.00	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.037	J-QC/FFD/RPO	0.0255
1.94	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.026	J-RJ-QC/FFD/RPO	0.0245
1.96	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.026	J-RJ-QC/FFD/RPO	0.0393
1.78	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	KJ-QC/FFD/RPO	0.0116
1.73	BJ-QC/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.106		0.0160
1.94	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.040		0.0145
[redacted]						
1.58	BJ-QC/FBK/FFBFLS	<2	K	0.307		0.0335
1.32	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.047	J-R	0.0352
1.60	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.131		0.0125
1.56	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0293	KJ-QC/FMS	0.0296
1.74	BJ-QC/FBK/FFBFLS	<2	K	0.044	J-R	0.0237
1.76	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.054	J-R	0.0195
1.36	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.125		0.0285
1.68	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.082		0.0144
1.39	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.136		0.0143
1.31	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.120		0.0220
1.56	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.038	J-R	0.0282
1.95	BJ-QC/FBK/FFBFLS	<2	K	0.093		0.0306
1.99	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	<0.0293	K	0.0211
1.61	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	0.049	J-R	0.0165
1.84	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.256	J-QC/FFB	0.0220

2.00	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.277	J-QC/FFB	0.0206
1.80	BJ-QC/FBK/FFBFLS	<2	K	0.202		0.0359
1.85	BJ-QC/FBK/FFB	<2	K	0.343		0.0544
1.69	BJ-QCJ-HT/FBK/FFBFLSEHT	2	J-QC/FLS	0.071		0.0248
2.15	BJ-QCJ-HT/FBK/FFBFLSEHT	3		0.038	J-RJ-QC/FFB	0.0147
1.79	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.414	J-QC/FFD/RPO	0.0146
1.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.163		0.0092
1.65	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.147		0.0139
1.58	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.152		0.0147
1.33	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.054	J-R	0.0141
1.56	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FFD/RPOFLS	0.170		0.0147
1.17	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.036	J-R	0.0150
2.08	BJ-QC/FBK/FFBFLS	<2	K	0.129		0.0109
2.19	BJ-QC/FBK/FFBFLS	<2	K	0.134		0.0148
2.92	BJ-QC/FBK/FFB	<2	K	0.201		0.0126
2.58	BJ-QC/FBK/FFB	<2	K	0.211		0.0145
1.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.103		0.0324
[redacted]						
1.74	BJ-QC/FBK/FFB	3	J-QC/FFD/RPOFLS	0.082		0.0211
0.95	BJ-QC/FBK/FFBFLS	4	J-QC/FFB/FLS	<0.0378	KJ-QC/FMS	0.0212
1.19	BJ-QC/FBK/FFBFLS	4	J-QC/FFB/FLS	<0.0378	KJ-QC/FMS	0.0203
1.99	BJ-QC/FBK/FFBFLS	<2	K	0.042	J-RJ-QC/FMS	0.0280
2.64	BJ-QCJ-HT/FBK/FFBFLSEHT	5		0.146	J-QC/FFB	0.0388
2.19	BJ-QCJ-HT/FBK/FFBFLSEHT	5		0.120	J-QC/FFB	0.0399
2.09	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.141		0.0358
2.12	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.199	J-QC/FFB/FMS	0.0435
2.29	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.204	J-QC/FFB/FMS	0.0453
2.26	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.157	J-QC/FMS	0.0560
1.71	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.120		0.0347
1.88	BJ-QC/FBK/FFBFLS	<2	K	0.115	J-QC/FMS	0.0432
1.62	BJ-QC/FBK/FFBFLS	<2	K	0.131	J-QC/FMS	0.0436
1.70	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.099		0.0316
1.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.089	J-QC/FMS	0.0223
1.46	BJ-QC/FBK/FFBFLS	<2	K	0.099		0.0191
1.43	BJ-QC/FBK/FFBFLS	<2	K	0.115		0.0199
1.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.084	J-QC/FSL/FMS	0.0302
2.07	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.106	J-QC/FMS	0.0329
2.05	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.106	J-QC/FMS	0.0332
1.81	BJ-QC/FBK/FFBFLS	<2	K	0.063	J-RJ-QC/FMS	0.0340
2.20	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.127	J-QC/FMS	0.0255
2.22	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.143	J-QC/FMS	0.0267
2.25	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.063	J-R	0.0232
2.10	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	0.079	J-QC/FSL	0.0252
1.75	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.201		0.0306
1.62	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.195		0.0309
1.61	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.069	J-R	0.0201
1.88	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.069	J-R	0.0212
1.34	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.079		0.0221
2.04	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	0.111		0.0280
1.26	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FSL	0.0172

1.46	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FSL	0.0174
1.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.063	J-R	0.0178
1.93	BJ-QC/FBK/FFBFFDRPO	<2	K	0.111		0.0231
1.34	BJ-QC/FBK/FFBFFDRPO	<2	K	0.100		0.0237
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NRP	0.121		0.0346
—	NA	<2	KJ-QC/FLS	0.468		0.0354
[redacted]						
—	NA	<2	KJ-QC/FMS	0.078	J/LLS	0.0343
—	NA	<2	KJ-QC/FMS	0.063	J-QC/LLS/FMS	0.0204
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0103
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0266
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	K	<0.0217	K	0.0354
—	NA	3	J-QC/FMS	<0.0217	K	0.0399
1.74	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.204	J-QC/LLS/FSLFMS	0.0321
1.75	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.187	J-QC/LLS/FSLFMS	0.0318
1.83	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.182	J/LLS	0.0497
1.75	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.102	J-QC/LLS/FMS	0.0189
1.82	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.148	J/LLS	0.0335
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.193	J-QC/LLS/FSL	0.0165
1.77	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.114	J-QC/LLS/FMS	0.0174
2.18	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FMS	0.045	J/LLS	0.0165
1.80	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0220
1.68	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0195
1.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0180
1.95	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0184
1.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0264
1.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC	0.0119
1.67	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0150
1.50	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0153
1.91	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FMS	<0.0911	K	0.0103
1.87	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FMS	<0.0911	K	0.0116
1.65	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	K	0.0164
1.19	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.145	J-R/LLS	0.0218
1.31	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.163	J-R/LLS	0.0306
1.06	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.121	J-R/LLS	0.0178
1.93	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.102	J-RJ-QC/LLS/FFDRPO	0.0155
1.53	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FFD/RPO	0.0161
1.58	BJ-QC/FBK/FFBFLS	<2	K	0.265	J/LLS	0.0206
1.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.234	J/LLS	0.0226
1.52	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.201	J/LLS	0.0234

1.33	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.430		0.0146
[redacted]						
1.59	BJ-QCJ-HT/FBK/FFB	<2	KJ-QC	0.511	J-QC/FFB	0.0476
1.96	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.159	J-QC/LLS/FFB	0.0195
1.80	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.176	J-QC/LLS/FFB	0.0335
1.24	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.091	J/LLS	0.0155
1.52	BJ-QC/FBK/FFB	<2	K	0.136	J/LLS	0.0081
1.88	BJ-QC/FBK/FFBFMS	<2	K	0.381	J/LLS	0.0193
1.84	BJ-QC/FBK/FFB	<2	K	0.119	J-QC/LLS/FFB	0.0238
2.50	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.114	J-QC/LLS/FFBFSL	0.0367
1.91	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.068	J/LLS	0.0335
1.99	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.199	J/LLS	0.0370
1.82	BJ-QC/FBK/FFBFMS	<2	K	0.153	J-QC/LLS/FFB	0.0283
1.68	BJ-QC/FBK/FFBFFDFLDRPOFMS	4	J-QC/FLS	—	NRP/LBF	0.0298
1.97	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0218
1.54	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0223
1.88	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.061	J/LLS	0.0212
1.75	BJ-QC/FBK/FFB	<2	KJ-QCJ-HT/FLS	<0.0267	KJ-QC/FSL	0.0224
1.90	BJ-QCJ-HT/FBK/FFBFMS	4	J-QCJ-HT	0.100	J-QC/LLS/FMS	0.0161
1.92	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC/FLS	<0.0267	K	0.0244
1.95	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC/FLS	0.056	J/LLS	0.0248
1.92	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0283
1.97	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	3		<0.0267	K	0.0198
1.98	BJ-QC/FBK/FFBFMS	5		<0.0267	K	0.0246
2.23	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	3	J-QC/FLS	<0.0267	K	0.0339
1.83	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.051	J-R/LLS	0.0280
2.01	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.0276
1.54	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.170	J/LLS	0.0276
1.65	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.064	J/LLS	0.0243
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	1.21	0.175	0.13	1.51
	0.91	0.160	0.12	1.77
	1.42	0.139	0.11	1.93
	1.63	0.148	0.14	2.45
	2.16	0.176	0.16	2.54
	1.67	0.137	0.12	4.96
	1.80	0.178	0.25	7.1
	1.37	0.283	0.21	33.6
	1.30	0.218	0.19	7.47
	1.56	0.230	0.20	10.7
	1.91	0.249	0.22	7.0
	1.40	0.217	0.21	5.8
	2.18	0.354	0.30	9.9
	2.05	0.202	0.25	3.4
	1.97	0.303	0.33	3.9
	3.50	0.419	0.35	45.0
	2.08	0.431	0.35	76.2
	2.67	0.386	0.40	15.4
	2.01	0.619	0.40	80.0
	1.85	0.377	0.33	5.89
	1.81	0.346	0.13	3.57
	0.63	0.316	0.28	2.65
	2.52	0.394	0.39	2.63
	1.95	0.285	0.30	3.26
	1.54	0.212	0.24	5.30
	2.61	0.316	0.33	5.30
	2.41	0.243	0.31	2.66
	0.96	0.219	0.23	4.29
	2.17	0.335	0.47	3.25
	1.01	0.209	0.18	2.03
	2.50	0.426	0.34	1.02
	2.86	0.482	0.46	2.65
	1.93	0.316	0.32	2.85
	0.98	0.310	0.25	4.72
	0.94	0.149	0.17	2.33
	1.24	0.125	0.14	2.16
	2.42	0.100	0.21	1.65
	1.49	0.141	0.12	4.01
	1.91	0.182	0.16	3.68
	1.91	0.128	0.14	8.61
	0.61	0.109	0.13	4.66
	1.77	0.210	0.18	25.00
	1.98	0.226	0.21	12.92
	2.19	0.276	0.23	—

2.96	0.376	0.35	—
1.61	0.448	—	—
2.81	0.474	0.46	—
3.04	0.506	—	—
1.62	0.546	0.50	—
1.91	0.474	—	—
1.72	0.375	0.29	—
1.91	0.529	0.51	—
2.21	0.610	0.54	—
1.87	0.607	0.59	—
2.09	0.690	0.57	—
1.79	0.478	0.41	—
2.61	0.509	0.47	—
2.97	0.546	0.48	—
2.57	0.586	0.54	—
4.42	0.577	0.59	—
4.04	0.537	0.47	—
1.36	0.208	0.20	—
2.57	0.270	0.26	—
1.71	0.180	0.19	—
2.28	0.190	0.20	—
[redacted]			
1.27	0.08	0.10	—
0.88	0.09	0.07	—
1.36	0.103	0.36	—
1.39	0.131	0.10	—
2.64	0.220	0.20	—
3.01	0.299	0.26	—
2.57	0.336	0.26	—
1.82	0.369	0.27	—
1.67	0.270	0.25	—
2.60	0.378	—	—
0.82	0.179	—	—
1.52	0.260	—	—
1.82	0.290	0.37	—
0.97	0.204	0.21	—
1.13	0.210	0.20	—
2.26	0.358	0.28	—
1.95	0.281	—	—
1.17	0.336	0.31	—
1.36	0.323	—	—
2.09	0.367	—	—
1.41	0.288	0.17	—
2.13	0.304	0.29	—
2.44	0.361	0.38	—
2.95	0.416	0.35	—
3.16	0.776	0.39	—
1.88	0.323	0.30	—
1.00	0.208	0.19	—
1.96	0.345	0.30	—

0.97	0.206	0.22	—
2.39	0.316	0.27	—
1.34	0.298	0.27	—
1.23	0.224	0.17	—
0.76	0.130	0.12	—
1.55	0.174	0.15	—
2.65	0.238	0.59	—
[redacted]			
1.51	0.193	<0.01	5.6
1.77	0.141	0.15	3.6
3.21	0.275	0.17	3.1
4.88	0.298	0.28	4.4
2.83	0.222	0.22	6.4
1.86	0.147	0.12	5.2
0.882	0.116	0.08	31.0
1.85	0.169	0.47	19.1
0.563	0.126	0.07	197.8
0.576	0.102	0.06	172.0
0.818	0.109	0.09	92.0
0.833	0.112	0.08	83.2
1.36	0.176	—	30.5
1.88	0.255	0.17	17.3
2.16	0.288	0.22	5.7
1.95	0.314	0.26	67.2
1.85	0.280	0.25	10.1
2.15	0.323	0.31	14.9
2.71	0.387	0.34	20.9
2.71	0.423	0.34	50.0
2.22	0.379	0.71	10.2
2.53	0.465	0.32	33.4
1.31	0.370	0.28	7.6
1.99	0.340	0.28	6.4
2.21	0.374	0.28	6.1
0.962	0.267	0.19	8.5
1.81	0.312	0.28	6.1
3.06	0.370	0.29	5.7
2.55	0.372	0.29	6.6
2.38	0.39	0.38	7.9
4.09	0.44	0.33	19.8
2.79	0.38	0.46	5.8
2.43	0.39	0.36	<3.0
3.09	0.39	0.35	3.0
3.07	0.39	0.33	3.0
2.09	0.32	0.27	<3.0
2.34	0.43	0.23	<3.0
[redacted]			
1.20	0.25	0.20	4.8
1.10	0.10	0.08	4.0
1.10	0.10	0.08	4.7
1.86	0.18	0.16	8.8

	2.00		0.27		0.24	4.4	J-R
	1.53		0.33		0.18	2.8	J-R
	0.553		0.31		0.19	5.2	
	1.80		—		—	10.0	
	1.85		—		—	9.2	
	2.65		0.30		0.28	12.7	
	2.78		0.38		0.34	5.8	
	2.03		0.38		0.33	5.9	
	1.93		0.34		0.32	5.4	
	2.48		0.43		0.39	13.9	
	2.65		0.38		0.51	7.7	
	2.24		0.43		0.40	2.6	J-R
	2.38		0.53		0.43	10.1	
J-R	1.88		0.33		0.31	10.1	
	1.81		0.43		0.41	25.6	
	1.73		0.34		0.32	60.8	
	2.40		0.29		0.30	24.2	
	2.82		0.51		0.44	5.6	
	1.34		0.28		0.24	5.7	
	1.50		0.32		0.28	4.0	J-R
	0.818		0.20		0.19	5.1	
	0.839		0.43		0.39	5.3	
	2.28		0.29		0.26	4.6	J-R
	0.554		0.27		0.24	4.6	J-R
	2.78	J-QC/FFB	0.21		0.21	3.8	J-R
	2.81	J-QC/FLS	0.23		0.21	7.0	
	1.28	J-QC/FFD/RPO	0.30	J-QC/FFB	0.15	3.6	J-RJ-HT/EHT
	2.55		0.26		0.25	4.7	J-R
	0.810		0.23		0.19	<2.4	K
	1.71		0.20		0.19	<2.4	K
	2.55	J-QC/FFB	0.30		0.23	2.1	
	2.55	J-QC/FFB	0.27		0.24	2.2	
	2.82	J-QC/FFB	0.31		0.30	1.0	J-R
	1.16		0.25		0.19	5.8	
	0.906		0.16		0.12	1.5	J-R
	1.73		0.22		0.19	8.6	
J-HT/EHT	4.87		0.09	J-QC/FFD/RPO	0.17	18.3	
	2.66	J-QC/FFB	0.25		0.22	18.0	
J-QC/FFB	1.91	J-QC/FFB	0.29		0.26	5.5	
	1.46		0.27	J-QC/FFB	0.20	2.5	
	1.87		0.27		0.25	1.6	J-R
J-QC/FFB	2.04		0.30		0.30	3.6	
	1.56	J-QC/FFB	0.21		0.24	2.3	
	2.60		—	NAP	—	2.5	
	2.81	J-QC/FFB	0.28		0.23	3.8	
	2.81	J-QC/FFB	0.25		0.23	3.7	
	2.86		0.28	J-QC/FFD/RPO	0.31	2.1	
J-QC/FFB	2.81	J-QC/FFB	0.37		0.29	6.5	
	2.91		0.37		0.32	4.6	

	2.35		0.29		0.26		2.2	
	1.23		0.14	J-QC/FFD/RPO	0.10		3.6	
[redacted]								
	1.37		0.13		0.09		1.4	J-R
	1.42		0.15		0.13		1.5	J-RJ-QC/FFD/RPO
	1.43		0.16		0.10		2.3	J-QC/FFD/RPO
	1.13		0.12		0.07		5.9	
	0.646		0.09		0.06		12.3	
	2.28		0.19		0.14		6.4	
	1.59		0.25	J-QC/FFD/RPO	0.22	J-QC/FFD/RPO	5.6	
	1.77		0.24		0.20		18.2	
	1.87		0.25		0.21		17.7	
	1.96		0.27		0.18	J-QC/FLS	8.3	
	1.86		0.31		0.24		42.6	
	2.53		0.31		0.28		21.4	
	2.60		0.30		0.26		26.5	
	2.33		0.40		0.27		25.4	
	2.14		0.38		0.32		24.4	
	1.77		0.41		0.31		77.8	
	1.70		0.32		0.28		15.4	J-QC/FSL
	1.50		0.33		0.28		30.8	
	2.78		0.33		0.29		28.5	
	2.31		0.35		0.31		18.4	J-QC/FFD/RPO
	2.43		0.41		0.36		6.9	
	1.65		0.28		0.25		35.9	
	2.34		0.30		0.27		6.2	
	2.53		0.27		0.28		36.1	
	4.82		0.40	J-QC/FLS	0.37		6.1	
	2.87		0.38		0.35		15.9	J-QC/FFD/RPO
	2.86		0.38		0.33		22.2	J-QC/FFD/RPO
	3.35		0.39		0.36	J-QC/FLS	<1.3	K
	1.43		0.26		0.24		1.7	J-R
	4.49		0.47		0.46		<1.3	K
	1.75		0.21		0.16		3.3	
[redacted]								
	2.8100		0.27		0.22		2.8	J-QC/FFD/RPO
	2.3100		0.38	J-QC/FFB/FFDRPO	0.18		3.7	
	0.5235		0.37		0.20	J-QC/FLS	10.0	
	1.6273	J-QC/FLS	0.12		0.10		9.3	
J-QC/FFB	0.7754		0.12		0.09		7.9	
	1.3730		0.15		0.12		12.5	
	1.6600		0.21		0.16		10.5	
J-QC/FFD/RPO	2.1134		0.13		0.12		3.4	
J-QC/FFD/RPO	1.2676		0.19		0.16		3.2	
J-QC/FFD/RPO	1.3206		0.19		0.16		3.4	
	1.5658		0.29		0.24		11.0	J-QC/FFD/RPO
	1.6288	J-QC/FLS	0.26		0.18		6.3	
J-QC/FFB	1.3326		0.12		0.16		9.0	
J-QC/FFB	0.9293		0.14	J-QC/FFB/FLDRPO	0.13		3.4	
J-QC/FFB	1.4254		0.19	J-QC/FFD/FLDRPOFLS	0.10	J-QC/FLS	37.8	J-QC/FFD/RPO

J-QC/FFB	1.5102		0.14	J-QC/FFD/FLDRPOFLS	0.09	J-QC/FLS	27.9	J-QC/FFD/RPO
J-QC/FFB	1.6701		0.22	J-QC/FLD/RPO	0.16		14.9	
J-QC/FFB	2.4818	J-QC/FFB	0.39		0.34		8.9	
	2.1057		0.30		0.27	J-QC/FLS	15.3	
	1.6988	J-QC/FFB	0.26		0.23		12.8	
	1.2599		0.18		0.18	J-QC/FFB	4.8	
	0.6011		0.19	J-QC/FLS	0.17		3.6	
	0.3987		0.10		0.14		5.13	
	0.5051		0.10		0.14		5.29	
	0.3776		0.13		0.09		5.26	
	1.1381		0.17		0.15		1.77	J-R
	0.9653		0.11		0.10		1.71	J-R
J-QC/FFD/RPO	1.3215		0.12		0.13		1.11	J-R
J-QC/FFD/RPO	1.3692		0.12		0.12		1.36	J-R
	2.4847		0.14		0.15		3.50	
	2.6941		0.13		0.13		4.39	
J-QC/FFB	0.8899		0.18	J-QC/FFD/RPO	0.16		2.86	
[redacted]								
J-QC/FFB	1.8954		0.16		0.14		15.3	
J-QC/FFB	1.7507	J-QC/FFB	0.15		0.12		4.40	
J-QC/FFB	1.8137	J-QC/FFB	0.13		0.11		5.10	
	2.3406		0.16		0.13		6.61	J-QC/FSL
J-QC/FFB	2.4104	J-QC/FFB	0.35		0.15		46.2	J-QC/FSL
J-QC/FFB	2.4440	J-QC/FFB	0.29		0.18		39.1	J-QC/FSL
J-QC/FFB	1.3774		0.24		0.21		16.2	
J-QC/FFB	1.8550		0.28		0.24		4.73	
J-QC/FFB	2.2816		0.26		0.23		5.68	
J-QC/FFB	2.1200		0.29		0.28		9.52	
J-QC/FFB	1.5453		0.24		0.22		2.59	J-QC/FSL
	1.4658		0.38		0.24		3.28	
	1.5054		0.31		0.24		3.31	
J-QC/FFB	0.9880		0.19		0.17	J-QC/FFD/RPO	0.67	
	1.3751		0.21		0.19		3.47	
	1.5843	J-HT/EHT	0.25		0.24		3.22	
	1.6440	J-HT/EHT	0.23		0.23		3.94	
J-QC/FFB	1.8828	J-QC/FLS	0.27		0.23		19.35	
	2.8690		0.35		0.33	J-QC/FFB	56.5	J-QC/FFD/RPOFSL
	2.9687		0.36		0.34	J-QC/FFB	90.0	J-QC/FFD/RPOFSL
J-QC/FFB	3.1002	J-QC/FLS	—	A/LBF	0.37		62.4	
	2.9222		0.49		0.32	J-QC/FFB	10.8	J-QC/FFB
	2.9222		0.38		0.33	J-QC/FFB	11.1	J-QC/FFB
	2.1520	J-QC/FLS	0.32	J-QC/FFD/RPO	0.20		6.19	
	2.1495	J-QC/FFB	0.29	J-QC/FLS	0.16	J-QC/FLS	8.34	
	1.7182		0.23		0.22		1.87	J-QC/FFD/RPO
	1.7297		0.24		0.22		4.03	J-QC/FFD/RPO
J-QC/FFB	2.9441	J-QC/FLS	0.30		0.29		10.0	J-QC/FSL
	1.7454		0.28		0.19		8.24	
	1.7568		0.25		0.20		10.8	
J-QC/FFB	3.2777	J-QC/FLS	0.44	J-QC/FLS	0.29		11.9	J-QC/FFD/RPO
J-QC/FFB	1.9574		0.34	J-QC/FLS	0.26		11.6	J-QC/FFB/FFDRPO

J-QC/FFB	1.9668		0.31	J-QC/FLS	0.26		7.74	J-QC/FFB/FFDRPO
	2.6299		0.39		0.33		7.16	J-QC/FFD/RPOFSL
	2.8606		0.36		0.30		4.94	
	2.6435		0.36		0.29		3.83	
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
J-QC/FFB	3.4440	J-QC/FLS	0.40		0.37		0.99	J-QC/FFD/RPO
J-QC/FFB	2.0776		0.36		0.32		1.92	J-QC/FFB/FFDRPO
[redacted]	2.7637	[redacted]	0.16	J-QC/FFD/RPO	0.13	J-QC	3.13	[redacted]
	1.9204	J-QC/FFB	0.13	J-QC	0.11	J-QC	1.81	J-QC/LLS/FFDRPO
NA	—	NA	—	NA	—	NA	—	NA
[redacted]	1.2449	[redacted]	0.12	J-QC	0.08	J-QC	4.7	J-QC/FFB
NA	—	NA	—	NA	—	NA	—	NA
J-QC/FFD/RPO	2.1042	[redacted]	0.16	J-QC	0.17	J-QC	18.7	J-QC/FFB
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
[redacted]	2.0275	[redacted]	0.29	[redacted]	0.24	J-QC	19.8	J-QC/FFD/RPO
J-HT/EHT	2.8267	J-QC/FFB	0.45		0.26	J-QC	51.8	J-QC/FFD/RPO
[redacted]	1.1373	[redacted]	0.27		0.19	[redacted]	2.59	J-QC/FFD/RPO
	1.1426		0.22		0.20		1.04	J-QC/LLS/FFDRPO
	2.5071	J-QC/FLS	0.35		0.25	J-QC	1.24	J-QC/LLS/FFDRPO
J-QC/FFB	0.8956	[redacted]	0.20		0.17	J-QCJ-HT/EHT	0.760	J-QC/LLS/FFB
[redacted]	1.4314		0.31	J-QC/FMS	0.25	[redacted]	0.720	J-QC/LLS/FFB
	0.4999		0.21	J-QC/FFD/FLDRPO	0.13		1.99	J-QC/LLS/FFB
J-QC/FFB	0.7149		0.22	[redacted]	0.15	J-QC	0.950	J-QC/LLS
[redacted]	1.7056		0.27		0.23	[redacted]	1.27	J/LLS
	1.1685	J-QC/FLS	0.28	J-QC/FLD/RPOFSL	0.16		1.91	J-QC/LLS/FSL
	1.3769	[redacted]	0.31	[redacted]	0.29		0.889	J/LLS
	2.1287	J-QC/FLS	0.21		0.21	J-QC/FLD/RPO	3.07	[redacted]
	2.2872	J-QC/FLS	0.24		0.20	J-QC/FLD/RPO	2.31	
J-QC/FLS	1.9366	[redacted]	0.19	J-QC	0.17	[redacted]	3.38	
J-QC	1.9936	J-QC	0.28	J-QC/FLD/RPO	0.24	J-QC	2.05	J-QC
[redacted]	1.8925	J-QC/FFB	0.27	J-QC	0.26	J-QC	2.26	[redacted]
	1.9073	J-QC/FFB	0.27	J-QC	0.25	J-QC	2.43	
	2.0787	J-QC/FFB/FLS	0.24	[redacted]	0.22	[redacted]	0.986	J-QC/LLS/FFBFFDRPC
	2.0974	J-QC/FFB/FLS	0.25		0.21		1.34	J-QC/LLS/FFBFFDRPC
J-QC/FFB	2.3076	[redacted]	0.27	J-QC/FMS	0.26		3.46	J-QC/FFB
J-QC/FFB/FFDRPC	2.0533		0.24	[redacted]	0.22		2.52	J-QC/FFB
J-QC/FFB/FFDRPC	2.5070		0.22		0.21		2.98	J-QC/FFB
[redacted]	2.4058	J-QC/FFB	0.27	[redacted]	0.26	J-QC	5.56	J-QC/FFB
	3.4347	J-QC/FLS	0.35		0.32	[redacted]	17.4	[redacted]
	3.6458	J-QC/FLS	0.36		0.33		17.0	
	3.2863	[redacted]	0.45	J-QC	0.40	J-QC	15.2	J-HT/EHT
J-QC/FFB	4.9892	J-QC/FLS	0.57	J-QC	0.53	J-QC	16.3	[redacted]
J-QC/FFB	5.5816	J-QC/FLS	0.57	J-QC	0.53	J-QC	15.7	

J-QC/FFB	2.3983		0.29		0.26		2.72	
J-QC/FFB	2.7156		0.24	J-QC	0.22	J-QC	4.03	J-QC/FFB
J-QC/FFB/FFDRPC	1.4584	J-HT	0.17		0.14		2.72	
J-QC/FFB/FFDRPC	1.4527	J-HT	0.16		0.14		2.88	
	0.7660		0.14		0.08		7.21	
J/LLS	0.6239		0.08	J-QC/FFB	0.06		1.76	J/LLS
J-QC/FFB	1.1953		0.17	J-QC/FFB/FMS	0.14	J-QC/FFB	4.79	
	1.0334	J-QCJ-HT/FLS	0.14		0.12		4.52	
J-QC/FFB	1.7125		0.19		0.13		11.6	
J-QC/FFB	1.8139		0.24	J-QC/FMS	0.21		9.73	
J-QC/FFB	1.9781		0.19	J-QC/FMS	0.18		9.74	
J-QC/FFB	1.1847		0.21		0.18		10.2	
J-QC/FFB	1.5880		0.23	J-QC/FFB	0.17		53.4	J-QC/FFD/RPO
J-QC/FFB	1.8341		0.24	J-QC/FMS	0.19		41.2	
J-QC/FFB	1.8795		0.23	J-QC/FMS	0.19		43.2	
J-QCJ-HT/FFB	2.1705	J-QC/FLS	0.25		0.21		10.5	
	1.2657		0.21		0.16		8.31	
J-QC	2.2009	J-QC/FLS	0.27		0.21		4.52	J-QC
	2.0133		0.23		0.16		2.93	
	2.0374		0.22		0.16		3.14	
J-QC/FFB	2.6311	J-HT	0.36		0.21		10.9	
J-QC/FFD/RPO	2.7487		0.32		0.25		10.6	
	3.1124		0.37	J-QC/FFB	0.32		14.5	
J-QC/FFB/FFDRPC	3.0703		0.33	J-QC	0.27	J-QC	3.09	
J-QC/FFB	3.0489		0.38		0.33		8.78	
	4.2162		0.41		0.35		2.93	
J-QC/FFB	2.8835		0.40		0.34	J-QC	4.76	
J-QC/FFB	1.1520		0.22		0.15		2.78	

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
2.3	0.00	0.00
5.0	0.36	0.36
[redacted]		
<0.5	0.00	0.00
8.3	0.00	0.00
17.0	0.00	0.00
8.0	0.00	0.03
3.8	0.03	0.18
21.0	0.32	1.41
7.4	0.07	0.16
7.0	0.00	0.04
4.3	0.00	0.03
6.9	0.00	0.23
3.9	0.10	0.10
3.1	0.01	0.01
4.8	0.00	0.05
2.4	0.00	0.00
2.5	0.00	0.00
2.3	0.00	0.00
3.0	0.00	0.00
7.9	0.00	0.00
3.4	0.00	0.00
9.0	0.00	0.18
12.2	0.00	0.00
14.3	0.45	0.69
7.1	0.00	0.00
5.1	0.00	0.00
8.1	0.00	0.00
5.1	0.00	0.00
7.6	0.00	0.00
6.0	0.00	0.00
9.7	0.00	0.39
4.9	0.00	0.00
5.1	0.00	0.00
6.3	0.00	0.00
5.2	0.00	0.00
[redacted]		
4.6	0.09	0.28
6.9	0.01	0.01
40.6	0.14	0.27
0.8	0.00	0.00
1.0	0.00	0.00
2.6	0.00	0.00
<0.5	0.00	0.00
1.2	0.00	0.00
<0.5	0.00	0.00

1.5	0.05	0.05	[redacted]
—	0.00	0.40	
3.1	0.00	0.00	
—	0.00	0.00	[redacted]
4.1	0.50	0.50	
—	0.95	1.78	
3.9	0.12	0.12	
3.6	0.00	0.40	
4.5	0.07	0.07	
4.9	0.00	0.00	
4.4	0.00	0.00	
5.3	0.08	0.66	[redacted]
3.0	0.00	0.00	
3.0	0.00	0.03	
3.2	0.00	0.00	
3.0	0.00	0.00	
3.1	0.05	0.05	
4.0	0.71	1.51	
3.6	0.30	0.30	
8.6	0.57	0.57	[redacted]
7.3	0.00	0.00	
[redacted]			
6.4	0.00	0.00	
6.5	0.00	0.63	
6.1	0.00	0.00	
3.0	0.00	0.00	
3.1	0.00	0.00	
2.2	0.00	0.00	
3.8	0.41	0.47	
5.4	0.00	0.00	
5.0	0.00	0.00	
—	0.00	0.00	
—	0.39	0.39	
—	0.00	0.00	
3.5	0.00	0.00	
9.4	0.02	0.02	
5.5	0.00	0.00	
5.6	0.00	0.00	
—	0.03	0.15	
6.1	0.33	2.38	
—	1.56	1.56	
—	0.36	0.36	
7.6	0.00	0.00	
9.5	0.00	0.00	
6.5	1.04	1.04	
5.9	0.02	0.02	
6.0	0.00	0.00	
5.8	0.62	1.01	
5.8	0.02	0.37	
19.1	0.00	0.00	

5.4	0.00	0.00
4.9	0.00	0.00
2.7	0.55	2.41
4.9	0.00	0.00
4.4	0.00	0.00
2.0	0.00	0.00
0.9	0.00	0.00
[redacted]		
2.2	0.00	0.01
2.3	0.02	0.02
0.9	0.00	0.00
—	0.00	0.00
4.2	0.00	0.00
2.5	0.00	0.00
1.4	0.01	0.01
1.3	0.00	0.00
3.3	0.17	0.17
3.3	0.17	0.17
3.5	0.32	0.74
3.1	0.32	0.74
4.4	0.00	0.00
3.0	0.00	0.02
3.3	0.00	0.00
3.3	0.00	0.00
2.7	0.00	0.00
2.8	0.84	0.90
3.5	0.22	0.22
4.0	0.00	0.00
2.4	0.00	0.00
2.8	0.00	0.00
7.9	0.00	0.00
7.0	0.00	0.00
7.1	0.00	0.00
10.3	0.00	0.01
7.7	1.48	1.51
7.9	0.00	0.00
5.3	1.09	1.14
8.7	0.00	0.00
8.2	0.00	0.00
6.7	0.65	0.72
5.3	0.00	0.00
6.6	0.12	0.42
6.3	0.12	0.42
8.1	0.00	0.61
4.7	0.00	0.00
[redacted]		
2.3	0.01	0.01
4.3	0.19	0.19
6.3	0.00	0.00
3.7	0.00	0.00

7.0		0.00	0.00
6.2		0.00	0.48
5.2		0.66	0.66
—		0.00	0.00
—		0.00	0.00
4.7		0.00	0.00
5.6		0.28	0.28
6.1		0.00	0.04
5.8		0.14	0.15
4.9		0.00	0.02
5.3		0.00	0.00
5.2		0.00	0.80
5.7		0.00	0.00
6.6		0.00	0.00
7.3		0.00	0.00
4.2		0.00	1.17
4.5		0.00	0.00
4.7		0.00	0.00
4.8		0.71	0.71
7.5		0.00	0.00
4.5		0.00	0.00
4.6		0.00	0.00
7.5		0.15	0.15
5.0		0.00	0.12
[redacted]			
5.6		0.05	0.05
10.0	J-QC/FFB	0.00	0.00
6.3		0.00	0.00
5.2		0.34	0.88
8.1		0.00	0.00
5.5		0.00	0.00
7.5		0.10	0.10
6.1		0.10	0.10
6.3		0.25	0.25
6.8		0.01	0.68
—	NAPEFAI/EQF	0.00	0.00
6.2		0.00	0.08
5.7		0.00	0.00
5.3		1.44	1.44
6.1		3.33	3.33
7.0		0.00	0.00
9.8		0.00	0.41
5.6		1.13	1.13
7.3	J-QC/FFB	0.00	0.01
—	NAP	0.00	0.00
5.4	J-QC/FFB	0.00	0.00
5.2	J-QC/FFB	0.00	0.00
4.9	J-QC/FFB	0.00	0.00
4.4	J-QC/FFB	0.00	0.00
4.8		0.00	0.00

4.8	J-QC/FFB	0.00	0.00
5.6	J-QC/FFB	0.00	0.00
[redacted]			
5.90	J-QC/FFB	0.00	0.00
6.00		0.00	0.07
5.90		0.00	0.07
6.30	J-QC/FFB	0.00	0.00
5.20		0.00	0.00
6.93		0.03	2.06
6.64		0.00	0.00
5.20		1.43	1.43
4.70		1.43	1.43
5.19		0.00	0.00
5.48		1.11	1.11
6.19	J-QC/FFD/RPO	0.00	0.00
4.47	J-QC/FFD/RPO	0.00	0.00
4.42	J-QC/FFD/RPO	0.43	0.43
5.40		0.00	0.00
5.30		1.09	1.09
5.60	J-QC/FFB	0.00	0.05
4.90	J-QC/FFB	0.00	0.00
4.40	J-QC/FFB	0.00	0.00
7.90	J-QC/FFB	0.00	0.00
5.30	J-QC/FFB	0.00	1.24
4.80		0.02	0.36
5.20	J-QC/FFB	0.00	0.00
4.60	J-QC/FFB	0.00	0.00
5.00	BJ-QC/FBK/FFB	0.00	0.93
4.20		0.09	0.09
4.10		0.09	0.09
4.90	BJ-QC/FBK/FFB	1.05	1.05
7.40		0.01	0.28
6.80		0.50	0.50
7.70		0.00	0.00
[redacted]			
4.7		0.00	0.00
5.4	J-QC/FFB	0.10	0.20
5.2		0.00	0.17
3.4		0.67	0.71
5.7	B/FBK	0.00	0.00
4.8	BJ-QC/FBK/FFB	0.00	0.00
4.9		0.64	0.76
6.3		0.00	0.03
5.2		0.00	0.00
4.8		0.00	0.00
4.5	J-QC/FFD/RPO	0.00	0.00
3.8	J-QC/FFD/RPO	0.00	0.00
5.0	J-QC/FFB/FFDRPO	0.00	0.00
4.7	J-QC/FFB	0.00	0.00
4.0	J-QC/FFB	0.00	0.00

3.9	J-QC/FFB	0.00	0.00
4.8	J-QC/FFB	0.00	0.00
4.9	J-QC/FFB	0.00	0.39
4.1	J-QC/FFB	0.00	0.28
4.3	J-QC/FFB	0.00	1.32
5.3	J-QC/FFB	0.22	0.23
7.7		0.00	0.00
7.4	J-QC/FFB	1.42	2.78
—	A/LBF	1.42	2.78
6.3	J-QC/FFB	0.00	0.00
6.0	J-QC/FFB	0.04	0.04
4.8	J-QC/FFB	0.00	0.00
5.0		0.99	1.00
—	A/LBF	0.99	1.00
4.5	J-QC/FFB	0.84	0.84
4.5	J-QC/FFB	0.84	0.84
25.8	J-QC/FFD/RPOOUTSUS	0.23	2.42
[redacted]			
3.5		1.48	1.62
3.5	J-QC/FFB	0.01	0.03
3.9	J-QC/FFB	0.01	0.03
4.4	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
3.4		0.02	0.02
3.4		0.02	0.02
5.1		0.91	1.11
4.4	J-QC/FFB	0.21	0.48
4.8	J-QC/FFB	0.21	0.48
4.2		0.00	0.18
5.6	J-QC/FFB	0.46	0.86
6.2	J-QC/FFB	0.00	0.02
5.9	J-QC/FFB	0.00	0.02
4.4		0.58	0.60
4.2	B/FBK	0.00	0.93
5.8	B/FBK	0.00	0.00
5.4	B/FBK	0.00	0.00
4.6	J-QC/FFD/RPO	0.00	0.95
3.9		0.00	0.00
3.0		0.00	0.00
7.0		0.39	0.39
—	A/LBF	0.02	0.04
—	A/LBF	0.02	0.04
4.7		0.23	0.23
—	NAPEFAI/EQF	0.00	0.00
4.7		0.00	0.29
3.7		0.00	0.29
3.5		0.00	0.00
10.4	J-QC/FFD/RPO	0.00	0.12
3.0	J-QC/FFD/RPO	0.00	0.12
5.9	J-QC/FFD/RPO	0.00	0.11
2.5		0.00	0.00

2.2		0.00	0.00
3.0		0.00	0.00
4.5		0.00	0.00
4.0		0.00	0.00
—	NA	0.00	0.00
—	NA	0.05	1.08
—	NA	0.00	0.05
—	NA	0.00	0.00
—	NA	0.00	0.00
—	NA	0.00	0.00
6.1	B/FBK	0.00	0.00
3.9		0.00	0.00
[redacted]			
4.43	J-QC/FFB	0.00	0.70
4.14	J-QC/FFB	0.00	0.42
—	NA	0.18	0.18
4.77	J-QC/FFB	0.00	0.00
—	NA	0.00	0.00
3.2	[redacted]	0.00	0.46
—	NA	0.03	0.05
—	NA	0.00	0.13
4.8	[redacted]	0.00	0.00
4.5		0.00	0.00
6.1	J-QC/FFD/RPO	0.00	0.00
10.9	J-QC/FFD/RPO	0.00	0.00
6.0	J-QC	0.35	0.88
7.2	[redacted]	0.00	0.00
7.8	[redacted]	0.18	0.18
6.1		1.29	1.29
6.2	J-QC/FFB/FFDFLDRPO	0.00	0.00
7.4	J-QC/FFD/RPO	0.00	0.01
5.4	B/FBK	0.02	1.47
8.5	J-QC/FFB/FLDRPO	0.00	0.00
5.8	[redacted]	0.00	0.00
6.3		0.00	0.00
5.6	[redacted]	0.00	0.57
5.8	J-QC	0.00	0.00
5.9	J-QC	0.00	1.01
5.6	J-QC	0.00	1.01
6.5	J-QC	0.00	0.00
5.8	J-QC	0.00	0.00
5.2	[redacted]	0.85	0.86
5.0	J-QC/FSL	0.00	0.00
4.1	J-QC/FSL	0.00	0.00
4.5	J-QC/FMS	0.00	0.00
3.0	3J-QC/FBK/FLDRPOFSLFMS	0.00	0.00
3.6	3J-QC/FBK/FLDRPOFSLFMS	0.00	0.00
1.8	J-QC	0.00	0.00
1.63	J-QC	0.00	0.00
1.6	J-QC	0.00	0.00

10.34	J-QC/FFD/RPO	0.00	0.00
2.6		0.00	0.09
6.2	BJ-QC/FBK/FFBFFDRPO	0.36	0.36
4.0	BJ-QC/FBK/FFBFFDRPO	0.36	0.36
4.2		0.03	0.04
6.2		0.00	0.00
6.5		0.03	0.03
6.1	B/FBK	0.00	0.00
35.3	J/SUS/OUT	0.00	0.99
4.2	J-QC/FMS	0.03	0.03
3.9	J-QC/FMS	0.03	0.03
6.8		0.00	0.00
6.6		0.20	0.22
5.0	J-QC/FMS	1.20	1.20
5.6	J-QC/FMS	1.20	1.20
4.6		0.00	0.49
3.6		0.73	1.48
3.9		0.00	0.00
3.0	BJ-QC/FBK/FFB	0.55	0.64
2.6	BJ-QC/FBK/FFB	0.55	0.64
3.8		0.00	0.00
4.6		0.00	0.00
4.1		0.00	0.00
3.5		0.00	0.03
4.0	J-QC/FFD/RPO	0.73	0.73
3.9	J-QC/FFB	0.00	0.00
3.0		0.06	0.07
7.3		0.01	1.60

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

0

Station #8 Rutgers Street	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 9, 2003	10:30	7.40	1.5	13.56
2004				
January 7, 2004	14:30	5.80	—	13.78
February 10, 2004	10:20	6.32	4.5	14.45
February 19, 2004	10:15	7.01	6.0	12.29
March 10, 2004	10:10	6.74	6.5	12.38
March 18, 2004	10:30	6.88	4.5	14.25
April 14, 2004	10:25	6.70	10.9	10.06
April 28, 2004	10:30	6.66	13.8	6.97
May 6, 2004	10:40	6.64	15.2	8.84
May 10, 2004	10:30	7.07	17.4	9.06
May 17, 2004	10:35	6.74	21.8	6.15
May 24, 2004	10:50	7.11	22.4	6.28
June 3, 2004	10:50	7.46	—	5.20
June 7, 2004	10:40	7.42	17.8	7.72
June 14, 2004	10:20	7.45	—	8.20
June 21, 2004	11:00	7.86	24.6	3.92
June 30, 2004	11:00	7.53	23.2	—
July 8, 2004	10:55	8.47	25.4	7.13
July 19, 2004	10:25	7.25	23.2	5.37
July 26, 2004	11:20	6.63	22.7	7.42
August 2, 2004	11:15	7.37	—	—
August 9, 2004	10:15	7.35	21.83	6.20
August 16, 2004	10:16	7.18	22.63	5.95
August 23, 2004	11:04	6.82	22.69	7.65
August 30, 2004	11:04	—	24.70	4.98
September 13, 2004	10:47	6.61	—	—
September 20, 2004	10:30	7.03	18.0	8.88
September 27, 2004	10:50	6.68	20.38	7.69
October 6, 2004	10:30	—	15.45	9.80
October 20, 2004	10:44	—	12.3	8.93
November 3, 2004	10:45	7.90	12.3	11.79
November 16, 2004	11:15	—	6.5	10.84
November 30, 2004	10:20	7.82	8.42	12.45
December 14, 2004	10:30	7.50	6.06	12.32
2005				
January 12, 2005	10:25	7.42	3.41	16.48
February 9, 2005	10:45	6.26	4.31	12.56
February 16, 2005	11:35	—	4.80	12.51
March 3, 2005	11:25	—	2.91	18.32
March 16, 2005	11:55	7.49	4.77	18.09
April 6, 2005	11:50	7.66	9.2	12.40
April 21, 2005	11:10	8.20	16.88	11.92
May 5, 2005	10:57	7.32	14.8	—
May 10, 2005	10:45	7.43	15.7	—
May 24, 2005	10:38	7.02	16.1	—

June 7, 2005	10:21	7.56	24.1	—
June 13, 2005	10:32	7.78	27.4	—
June 21, 2005	10:23	7.19	24.3	—
June 27, 2005	10:33	7.70	25.23	9.45
July 6, 2005	11:16	8.33	26.7	—
July 13, 2005	11:25	7.48	24.73	7.93
July 18, 2005	11:21	7.51	26.53	6.83
July 25, 2005	09:38	7.67	27.07	8.56
August 1, 2005	10:56	7.68	28.3	—
August 8, 2005	10:23	—	27.44	4.40
August 15, 2005	11:09	7.16	26.9	—
August 23, 2005	10:58	7.37	26.1	—
September 1, 2005	10:57	—	26.4	—
September 12, 2005	10:26	—	23.4	—
September 20, 2005	10:37	—	25.2	—
September 29, 2005	10:42	—	22.0	—
October 25, 2005	09:38	—	11.1	9.35
November 9, 2005	10:12	7.02	12.0	8.82
November 29, 2005	10:15	—	6.5	12.21
December 13, 2005	10:33	6.23	2.0	13.62
2006				
January 10, 2006	11:02	7.75	3.83	13.65
January 24, 2006	10:47	7.23	3.4	14.46
February 9, 2006	09:59	7.72	3.26	15.63
February 21, 2006	10:22	7.69	2.45	15.00
March 9, 2006	10:12	8.09	5.28	13.84
March 23, 2006	11:05	8.64	6.64	14.21
April 6, 2006	11:41	7.86	10.97	8.70
April 20, 2006	11:03	8.43	16.07	11.43
May 4, 2006	10:51	7.81	16.9	10.76
May 8, 2006	09:17	7.46	18.4	7.31
May 15, 2006	10:29	7.28	16.1	7.92
May 25, 2006	10:42	7.63	16.83	8.70
May 30, 2006	10:39	7.74	22.07	9.02
June 8, 2006	10:29	7.29	18.20	7.65
June 13, 2006	10:36	7.61	18.76	8.62
June 22, 2006	10:30	7.61	24.84	7.02
June 29, 2006	10:38	7.49	23.34	7.48
July 6, 2006	10:07	7.37	23.99	6.75
July 12, 2006	10:29	7.47	24.85	6.44
July 18, 2006	10:06	7.61	27.11	6.55
July 27, 2006	10:32	7.49	25.39	5.58
August 3, 2006	10:23	8.11	29.06	9.50
August 10, 2006	10:55	7.26	27.03	3.96
August 15, 2006	11:25	7.46	24.39	6.38
August 23, 2006	10:10	7.40	25.61	6.67
August 29, 2006	10:26	7.52	21.06	8.72
September 5, 2006	10:39	7.45	19.44	9.00
September 11, 2006	10:12	7.47	20.38	8.71
September 18, 2006	10:31	7.58	20.35	9.97

September 28, 2006		10:18	7.68	18.90	9.39
October 12, 2006		11:04	7.49	16.53	9.56
October 25, 2006		11:25	7.55	10.93	10.53
November 21, 2006		10:31	7.36	9.22	11.65
December 6, 2006		10:54	7.55	6.14	12.64
December 20, 2006		11:03	7.58	7.03	12.27
2007					
January 3, 2007		10:06	7.71	6.19	13.52
January 18, 2007		11:18	7.60	3.58	14.43
January 31, 2007		11:08	7.70	1.51	14.76
February 15, 2007		11:34	8.21	0.13	16.42
February 28, 2007		11:24	7.89	2.90	12.93
March 14, 2007		10:36	7.79	6.00	15.32
March 28, 2007		10:54	7.45	10.03	12.16
April 12, 2007		10:37	7.91	8.75	13.63
April 23, 2007		12:35	8.12	13.37	12.21
May 3, 2007		11:00	7.67	15.66	9.09
May 9, 2007	A	10:49	7.94	16.83	11.10
May 9, 2007	B	10:49	—	—	—
May 14, 2007		12:00	8.01	19.58	10.48
May 23, 2007		11:17	7.57	18.19	8.09
May 31, 2007		11:07	8.39	24.68	11.74
June 5, 2007		10:29	7.39	20.98	5.78
June 14, 2007		10:56	7.64	22.39	6.04
June 20, 2007		10:56	7.60	23.83	7.90
June 28, 2007	A	11:04	7.86	25.43	9.98
June 28, 2007	B	11:04	—	—	—
July 11, 2007		10:46	7.81	26.74	9.25
July 18, 2007		10:46	7.51	25.69	8.24
July 26, 2007		10:46	7.73	23.52	8.83
August 2, 2007		10:54	7.66	26.44	6.90
August 14, 2007	A	10:12	7.87	23.46	10.05
August 14, 2007	B	10:12	—	—	—
August 22, 2007		11:20	7.75	18.70	8.26
August 29, 2007		11:19	7.85	23.91	7.50
September 6, 2007	A	11:00	8.09	23.30	10.15
September 6, 2007	B	11:00	—	—	—
September 12, 2007	A	10:51	7.84	24.01	4.21
September 12, 2007	B	10:51	—	—	—
September 19, 2007		10:55	7.69	20.04	6.41
September 27, 2007		11:04	7.38	22.22	7.10
October 11, 2007		10:48	7.52	21.40	5.02
October 22, 2007		11:11	7.65	18.31	6.81
November 20, 2007		10:53	—	7.15	10.41
December 5, 2007		11:04	—	2.97	11.75
December 19, 2007		10:26	—	1.44	13.89
2008					
January 30, 2008		11:25	7.71	2.64	12.87
February 27, 2008		11:02	7.67	3.94	11.01
March 26, 2008		10:41	7.84	7.47	12.57

April 16, 2008		10:35	8.29		13.04		13.44
May 7, 2008		11:13	8.14		16.78		7.40
May 14, 2008	A	11:28	7.92		15.36		8.70
May 14, 2008	B	11:28	—		—		—
May 21, 2008		11:39	7.26		14.33		8.74
May 29, 2008		11:15	7.92		20.17		8.42
June 4, 2008		12:01	7.60		21.40		7.44
June 12, 2008		11:00	7.44		26.55		4.18
June 18, 2008		10:47	—		24.53		6.24
June 25, 2008		10:59	—		23.51		6.74
July 2, 2008		11:13	7.78		26.13		8.82
July 10, 2008		12:05	8.29		25.85		11.08
July 14, 2008		11:02	8.06		25.87		9.40
July 23, 2008		11:33	—		27.76		4.72
July 30, 2008		10:34	—		25.31		8.23
August 6, 2008		10:42	—		25.29		7.69
August 13, 2008		10:43	—		23.25		9.70
August 20, 2008	A	10:46	—		24.07		4.15
August 20, 2008	B	10:46	—		—		—
August 27, 2008		10:44	—		23.75		11.16
September 16, 2008	A	10:09	—		21.97		6.13
September 16, 2008	B	10:09	—		—		—
September 24, 2008		11:25	—		19.84		7.01
November 25, 2008		10:42	—		3.78		12.51
December 3, 2008		10:55	—		5.01		10.98
2009							
January 29, 2009	A	11:04	—	NAPEFAI/EQF	0.49		15.66
January 29, 2009	B	11:04	—		—		—
February 4, 2009		11:15	—	NAPEFAI/EQF	2.10		13.45
March 5, 2009	A	11:00	—	NAPEFAI/EQF	1.60		14.72
March 5, 2009	B	11:00	—		—		—
April 7, 2009		11:04	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
May 7, 2009	A	10:42	—	NAPEFAI/EQF	14.8		8.71
May 7, 2009	B	10:42	—		—		—
May 13, 2009		11:24	—	NAPEFAI/EQF	17.1		7.70
May 20, 2009		12:16	—	NAPEFAI/EQF	17.3		8.67
May 28, 2009		10:35	—	NAPEFAI/EQF	20.6		7.66
June 10, 2009		10:52	—	NAPEFAI/EQF	19.6		6.37
June 17, 2009	A	11:02	7.37		18.60		8.70
June 17, 2009	B	11:02	—		—		—
June 24, 2009	A	10:27	7.38		20.64		8.43
June 24, 2009	B	10:27	—		—		—
July 8, 2009	A	11:50	7.67		23.16		7.92
July 8, 2009	B	11:50	—		—		—
July 15, 2009		10:51	8.42		22.93		11.49
July 22, 2009	A	11:18	7.31		21.94		6.32
July 22, 2009	B	11:18	—		—		—
July 30, 2009		11:03	—	NAPEFAI/EQF	24.44		6.34
August 5, 2009	A	10:37	7.50		24.30		7.33
August 5, 2009	B	10:37	—		—		—

August 12, 2009	A	10:57	7.44		24.61		6.64
August 12, 2009	B	10:57	—		—		—
August 19, 2009		10:57	7.49		26.86		6.55
August 26, 2009	A	10:59	7.45		24.87		6.96
August 26, 2009	B	10:59	—		—		—
September 2, 2009		10:41	7.51		21.50		7.58
September 10, 2009		10:41	7.52		21.72		6.18
September 24, 2009		10:39	7.74		20.14		8.36
October 7, 2009	A	10:40	7.63		16.70		7.62
October 7, 2009	B	10:40	—		—		—
November 19, 2009	A	10:58	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
November 19, 2009	B	10:58	—		—		—
December 15, 2009	A	10:58	7.26		2.88		14.33
December 15, 2009	B	10:58	—		—		—
2010							
January 6, 2010		10:45	7.09		0.05		14.37
February 4, 2010		10:44	7.41		1.51		13.94
March 11, 2010	A	10:41	7.47		7.71		12.25
March 11, 2010	B	10:41	—	NA	—	NA	—
April 6, 2010		10:56	7.39		14.78		10.53
May 3, 2010	A	10:50	7.26		19.43		8.65
May 3, 2010	B	10:50	—	NA	—	NA	—
May 12, 2010		10:43	7.46		14.11		9.12
May 18, 2010		10:57	7.65		17.97		9.20
May 26, 2010	A	10:45	7.58		21.16		8.71
May 26, 2010	B	10:45	—	NA	—	NA	—
June 3, 2010		10:52	8.69		24.50		14.27
June 10, 2010	A	10:37	8.13		21.90		6.60
June 10, 2010	B	10:37	—	NA	—	NA	—
June 16, 2010		10:35	7.95		22.36		8.89
June 23, 2010	A	11:38	7.97		25.92		7.51
June 23, 2010	B	11:38	—	NA	—	NA	—
July 1, 2010		11:23	7.59		25.73		3.93
July 8, 2010		10:48	7.58		27.32		3.47
July 14, 2010		10:53	7.50		26.84		3.47
July 21, 2010		11:04	7.77		27.33		7.16
July 28, 2010		11:14	7.48		27.02		5.26
August 4, 2010	A	11:00	7.68		25.46		6.08
August 4, 2010	B	11:00	—	NA	—	NA	—
August 11, 2010		10:52	7.25		26.76		3.05
August 18, 2010	A	10:19	7.56		24.71		7.53
August 18, 2010	B	10:19	—	NA	—	NA	—
August 26, 2010	A	10:58	7.35		21.43		6.37
August 26, 2010	B	10:58	—	NA	—	NA	—
September 1, 2010	A	10:13	7.47		24.05		7.21
September 1, 2010	B	10:13	—	NA	—	NA	—
September 9, 2010		11:09	7.44		23.42		5.30
September 15, 2010	A	10:21	7.67		20.08		7.41
September 15, 2010	B	10:21	—	NA	—	NA	—
September 22, 2010		11:04	7.82		20.58		8.97

September 29, 2010	A	10:36	7.37		21.00		5.94
September 29, 2010	B	10:36	—	NA	—	NA	—
October 6, 2010	A	10:32	7.23		15.25		8.65
October 6, 2010	B	10:32	—	NA	—	NA	—
November 18, 2010		10:37	7.35		11.05		9.33
December 8, 2010	A	11:35	7.60		2.49		15.93
December 8, 2010	B	11:35	—	NA	—	NA	—
2011							
January 6, 2011		10:13	7.47		1.95		14.18
February 9, 2011		11:33	7.41		2.34		13.46
March 14, 2011	A	10:18	—	NAPEFAI/EQF	6.44		15.84
March 14, 2011	B	10:18	—	NA	—	NA	—
April 18, 2011		11:06	7.13		10.67		12.33
May 5, 2011	A	10:42	7.43		15.66		9.25
May 5, 2011	B	10:42	—	NA	—	NA	—
May 12, 2011		10:30	7.76		17.40		9.63
May 19, 2011	A	10:38	7.14		16.27		9.15
May 19, 2011	B	10:38	—	NA	—	NA	—
May 26, 2011		10:19	7.20		18.89		8.94
June 1, 2011		10:12	7.63		24.60		8.91
June 9, 2011	A	10:34	7.98		23.67		9.13
June 9, 2011	B	10:34	—	NA	—	NA	—
June 13, 2011	A	10:47	7.52		22.47		7.46
June 13, 2011	B	10:47	—	NA	—	NA	—
June 23, 2011		10:31	7.52		23.77		8.29
June 30, 2011	A	10:38	7.59		23.80		9.51
June 30, 2011	B	10:38	—	NA	—	NA	—
July 7, 2011		10:57	8.68		25.28		11.36
July 13, 2011	A	10:47	8.11		26.89		10.62
July 13, 2011	B	10:47	—	NA	—	NA	—
July 21, 2011		10:34	8.60		27.59		7.75
July 28, 2011	A	10:47	7.52		27.39		4.78
July 28, 2011	B	10:47	—	NA	—	NA	—
August 3, 2011		10:30	7.47		27.22		6.76
August 11, 2011	A	10:24	7.80		25.24		7.60
August 11, 2011	B	10:24	—	NA	—	NA	—
August 17, 2011		10:36	7.50		22.56		6.68
August 24, 2011	A	10:14	7.53		22.75		6.83
August 24, 2011	B	10:14	—	NA	—	NA	—
September 8, 2011		10:58	7.04		19.43		10.51
September 14, 2011		10:35	7.25		21.12		8.83
September 22, 2011	A	10:19	7.47		18.16		10.43
September 22, 2011	B	10:19	—	NA	—	NA	—
September 29, 2011		10:28	7.44		21.30		12.55
October 19, 2011		11:05	7.43		15.51		9.69
November 16, 2011		11:06	7.46		11.01		11.02
December 8, 2011	A	10:52	7.19		8.53		11.23
December 8, 2011	B	10:52	—	NA	—	NA	—
2012							
January 12, 2012	A	11:52	7.53		4.57		10.84

January 12, 2012	B	11:52	—	NA	—	NA	—
February 9, 2012		10:47	7.89		4.83		13.61
March 7, 2012	A	10:36	7.91		5.68		14.22
March 7, 2012	B	10:36	—	NA	—	NA	—
April 19, 2012		10:49	8.65		17.56		10.90
May 3, 2012		10:57	7.17		14.23		7.97
May 10, 2012		10:32	7.20		16.96		7.89
May 17, 2012	A	10:33	7.33		19.46		6.84
May 17, 2012	B	10:33	—	NA	—	NA	—
May 21, 2012		10:30	7.46		20.77		7.22
May 31, 2012		11:10	7.30		24.63		5.84
June 6, 2012	A	10:50	7.38		19.02		6.97
June 6, 2012	B	10:50	—	NA	—	NA	—
June 14, 2012		10:28	7.35		21.65		7.67
June 20, 2012		10:53	7.44		22.89		7.00
June 28, 2012	A	10:51	7.29		23.42		6.03
June 28, 2012	B	10:51	—	NA	—	NA	—
July 12, 2012		10:40	8.10		27.99		9.32
July 18, 2012	A	10:22	7.51		28.26		7.11
July 18, 2012	B	10:22	—	NA	—	NA	—
July 26, 2012		11:27	7.48		25.34		7.07
August 1, 2012	A	10:55	7.21		25.47		6.98
August 1, 2012	B	10:55	—	NA	—	NA	—
August 8, 2012	A	10:50	7.67		27.20		7.29
August 8, 2012	B	10:50	—	NA	—	NA	—
August 16, 2012		11:36	7.36		25.25		5.22
August 23, 2012	A	10:48	7.16		23.56		5.66
August 23, 2012	B	10:48	—	NA	—	NA	—
August 29, 2012		10:25	7.67		25.22		4.56
September 6, 2012	A	11:10	7.59		24.62		5.82
September 6, 2012	B	11:10	—	NA	—	NA	—
September 13, 2012		10:55	7.50		23.15		5.85
September 24, 2012	A	10:39	7.60		19.77		7.16
September 24, 2012	B	10:39	—	NA	—	NA	—
October 18, 2012		10:13	7.48		14.72		8.10
November 5, 2012		09:50	8.20	[redacted]	9.71		12.89
November 7, 2012		09:50	8.36	[redacted]	8.05		13.55
November 8, 2012		10:02	7.82	[redacted]	7.35		13.50
November 9, 2012		09:54	8.38	[redacted]	6.10		15.97
November 14, 2012		10:17	8.15	[redacted]	8.60		9.93
November 15, 2012		10:19	8.24	[redacted]	8.67		16.09
November 28, 2012		09:39	7.85		6.07		15.16
December 13, 2012	A	09:00	7.86		7.07		10.57
December 13, 2012	B	09:00	—	NA	—	NA	—
2013							
January 16, 2013		09:37	8.19	[redacted]	5.47		13.46
February 11, 2013		09:38	8.47	[redacted]	0.96		16.52
February 26, 2013		09:21	8.08	[redacted]	3.79		14.11
March 4, 2013		11:36	8.04	[redacted]	4.19		13.84
March 21, 2013	A	09:10	7.47	[redacted]	4.57		13.33

March 21, 2013	B	09:10	—	NA	—	NA	—
April 10, 2013		10:41	8.48	[redacted]	14.25		17.30
April 18, 2013	A	10:38	7.89	[redacted]	14.61		10.41
April 18, 2013	B	10:38	—	NA	—	NA	—
April 30, 2013		10:33	7.80	[redacted]	15.84		7.35
May 2, 2013		11:01	7.96	[redacted]	16.33		8.65
May 6, 2013		10:34	8.21	[redacted]	17.94		14.14
May 15, 2013		10:32	7.45	[redacted]	16.38		9.46
May 23, 2013		10:39	7.12	[redacted]	21.42		7.97
May 30, 2013	A	10:34	7.21	[redacted]	18.27		10.15
May 30, 2013	B	10:34	—	NA	—	NA	—
June 5, 2013		11:25	7.50	[redacted]	22.88		8.46
June 12, 2013	A	10:34	7.28	[redacted]	19.82		10.20
June 12, 2013	B	10:34	—	NA	—	NA	—
June 19, 2013		11:10	7.19	[redacted]	20.79		14.74
June 26, 2013		11:03	7.38	[redacted]	25.06		7.88
July 2, 2013	A	10:15	7.43	[redacted]	23.87		15.41
July 2, 2013	B	10:15	—	NA	—	NA	—
July 10, 2013		11:05	6.79	[redacted]	27.85		6.78
July 17, 2013		11:25	7.47	[redacted]	27.88		5.37
July 24, 2013		11:04	7.65	[redacted]	26.92		5.91
July 31, 2013	A	10:56	7.63	[redacted]	24.25		6.89
July 31, 2013	B	10:56	—	NA	—	NA	—
August 7, 2013		11:07	7.74	[redacted]	23.66		6.70
August 14, 2013		10:37	7.61	[redacted]	23.63		6.73
August 28, 2013		11:00	7.75	[redacted]	23.76		7.77
Bridge construction 9/5/13							
November 14, 2013		10:36	6.15	[redacted]	7.39		9.45
December 9, 2013		11:31	5.99	[redacted]	5.04		11.39
2014							
January 6, 2014		11:40	7.31		0.21		15.24
February 10, 2014	A	11:20	5.90		0.09		15.11
February 10, 2014	B	11:20	—	NA	—	NA	—
March 12, 2014		10:32	6.91		6.90		14.67
April 3, 2014		10:53	6.94		7.53		12.90
May 7, 2014	A	10:46	7.06		14.00		10.64
May 7, 2014	B	10:46	—	NA	—	NA	—
May 15, 2014		10:50	7.03		18.57		8.86
May 21, 2014	A	10:59	7.27		17.55		8.91
May 21, 2014	B	10:59	—	NA	—	NA	—
June 4, 2014		11:00	7.45		21.67		7.85
June 11, 2014		11:15	7.14		20.56		7.11
June 18, 2014		11:16	7.60		23.04		8.03
June 26, 2014	A	11:03	8.63		23.89		13.66
June 26, 2014	B	11:03	—	NA	—	NA	—
July 2, 2014		10:30	8.01		25.58		9.83
July 9, 2014		11:18	7.30		24.92		6.50
July 16, 2014	A	11:21	6.85		24.24		5.15
July 16, 2014	B	11:21	—	NA	—	NA	—
August 6, 2014		10:55	8.03		23.62		11.74

August 13, 2014		10:53	7.22		22.84		6.89
August 25, 2014	A	11:38	8.20		23.44		11.50
August 25, 2014	B	11:38	—	NA	—	NA	—
September 4, 2014	A	11:15	8.28		25.03		9.36
September 4, 2014	B	11:15	—	NA	—	NA	—
September 10, 2014		10:28	7.55		23.34		4.69
September 16, 2014	A	11:15	6.81		20.32		7.80
September 16, 2014	B	11:15	—	NA	—	NA	—
September 30, 2014		11:01	7.47		19.83		6.19
October 8, 2014	A	11:01	7.32		18.13		6.97
October 8, 2014	B	11:01	—	NA	—	NA	—
November 18, 2014		10:30	6.00		6.47		12.19
December 10, 2014		11:04	6.10		3.86		12.74

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	97.5	0.3	—	5
[redacted]				
	103.1	0.2	—	8
	104.2	0.4	—	2
	99.6	0.4	—	2
	101.2	0.3	—	2
	102.4	0.5	—	3
	99.7	0.2	—	22
	68.1	0.2	—	14
	89.1	0.2	—	8
	94.1	0.2	—	12
	70.1	0.2	—	24
	70.9	0.3	—	18
	—	—	—	22
	81.1	—	—	50
	—	—	—	44
	46.0	—	—	24
	—	—	—	39
	87.1	—	—	93
	62.6	—	—	20
	85.0	0.2	—	28
	—	—	—	—
	70.8	0.22	—	23
	68.9	0.19	—	16
	88.7	0.17	—	14
	59.9	0.23	—	19
	—	—	—	28
	92.8	0.2	—	16
	85.3	0.20	—	36
	98.2	0.15	—	14
	83.5	0.2	—	24
	109.6	—	—	16
	86.8	—	—	12
	106.3	0.13	—	22
	99.1	0.14	—	2
[redacted]				
	123.6	0.26	—	8
	96.1	0.39	—	11
	92.9	0.26	—	9
	136.3	0.54	—	3
	141.1	0.45	—	3
	107.7	0.1	—	16
	123.2	0.26	—	12
	—	—	—	26
	—	—	—	16
	—	—	—	24

—	—	—	27
—	—	—	58
—	—	—	38
115.0	0.29	—	134
—	—	—	14
95.6	0.23	—	78
85.2	0.28	—	31
107.8	0.33	—	134
—	—	—	36
57.4	5.60	—	82
—	—	—	38
—	—	—	73
—	—	—	37
—	—	—	38
—	—	—	47
—	—	—	35
85.4	0.2	—	10
81.8	0.2	—	14
99.3	0.2	—	8
98.5	0.3	—	24
[redacted]			
103.7	0.21	—	6
109.3	0.3	—	5
117.0	0.20	—	4
109.9	0.32	—	4
109.6	0.45	—	6
116.3	0.34	—	9
78.9	0.32	—	12
116.3	0.55	—	56
111.4	0.3	—	21
77.9	0.3	—	21
80.5	0.2	—	14
89.8	0.22	—	62
103.4	0.27	—	34
81.3	0.16	—	31
91.4	0.18	—	12
84.6	0.28	—	50
87.7	0.13	—	13
80.3	0.17	—	19
77.8	0.19	—	16
82.4	0.23	—	14
68.0	0.19	—	20
123.7	0.27	—	20
49.4	3.20	—	26
76.5	0.33	—	120
83.5	3.34	—	17
75.5	0.20	—	44
98.0	0.15	—	102
96.6	0.20	—	68
110.5	0.18	—	40

101.2	0.35	—	31
97.9	0.17	—	30
95.3	0.20	—	9
101.5	0.13	—	8
101.9	0.18	—	6
101.3	0.26	—	14
[redacted]			
109.2	0.16	—	12
108.9	0.17	—	3
105.5	0.28	—	4
113.1	0.58	—	6
96.3	0.78	—	8
123.3	0.34	—	4
108.1	0.26	—	10
117.2	0.37	—	10
117.0	0.15	—	9
91.6	0.18	—	6
114.5	0.23	—	10
—	—	—	8
114.5	0.27	—	36
85.9	0.31	—	12
140.6	0.46	—	14
64.3	0.22	—	28
69.8	0.45	—	70
93.6	0.37	—	97
122.1	0.40	—	38
—	—	—	39
115.9	0.32	—	48
101.1	0.26	—	24
104.2	0.26	—	38
86.3	1.04	—	48
118.5	0.19	—	18
—	—	—	14
88.7	0.20	—	16
89.2	0.32	—	30
119.3	0.47	—	24
—	—	—	27
50.2	0.26	—	23
—	—	—	21
71.8	3.01	—	12
83.5	4.66	—	27
57.6	2.48	—	17
72.4	0.29	—	33
86.3	0.31	—	10
87.5	0.43	—	10
99.3	0.70	—	4
[redacted]			
94.9	0.31	—	4
84.1	0.33	—	9
104.9	0.19	—	8

	127.9		0.23		—	16	
	76.4		0.26		—	16	
	87.1		0.20		—	10	
	—		—		—	12	
	85.5		0.18		—	11	
	93.4		0.22		—	12	
	84.8		0.24		—	24	
	52.3		0.23		—	21	
	75.1		0.32		—	18	
	79.4		0.26		—	86	
	109.5		0.63		—	39	
	136.5		0.35		—	71	
	115.9		0.37		—	36	
	61.2		3.76		—	24	
	100.3		0.23		—	87	
	93.7		0.31		—	48	
	114.0		0.58		—	29	
	50.2		2.62		—	93	
	—		—		—	82	
	132.0		1.24		—	93	
	70.2		0.25		—	21	
	—		—		—	23	
	77.2		0.70		—	17	
	94.9		0.21		—	36	
	86.2		0.26		—	8	
[redacted]							
	109.2		0.84		—	16	J-QC/FLD/RPO
	—		—		—	15	J-QC/FLD/RPO
	98.3		0.74		—	4	
	105.5		0.47		—	2	J-QC/FFD/FLDRPO
	—		—		—	4	J-QC/FFD/FLDRPO
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	53	
	85.9		0.2		—	52	
	—		—		—	66	
	80.1		0.2		—	11	
	90.5		0.2		—	24	
	85.4		0.3		—	121	
	69.5		0.2		—	12	
	93.1		0.18		—	44	
	—		—		—	50	
	94.0		0.16		—	8	J-QC/FFD/RPO
	—		—		—	5	J-QC/FFD/RPO
	92.7		0.23		—	13	
	—		—		—	14	
	134.1		0.29		—	42	
	72.4		0.20		—	87	
	—		—		—	68	
	76.0		0.21		—	20	
	87.6		0.17		—	10	
	—		—		—	10	

	79.9		0.22		—		23	
	—		—		—		25	
	82.1		—		—		32	
	84.1		0.21		—		26	
	—		—		—		28	
	85.9		0.27		—		24	
	70.8		1.33		—		36	J-QC/FFD/RPO
	92.6		0.39		—		103	
	79.0		1.55		—		26	
	—		—		—		24	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		17	J-QC/FFB
	—		—		—		18	J-QC/FFB
	106.2		0.21		—		14	
	—		—		—		12	
[redacted]								
	98.6		0.28		—	NA	8	J-QC/FFB/FFDRPO
	99.7		0.34		—	NA	7	
	102.9		0.30		—	NA	9	
NA	—	NA	—	NA	—	NA	12	
	104.0		0.17		—	NA	14	J-QC/FLD/RPO
	94.1		0.19		—	NA	12	
NA	—	NA	—	NA	—	NA	11	
	88.8		0.25		—	NA	28	
	97.3		0.29		—	NA	32	
	98.5		0.29		—	NA	28	
NA	—	NA	—	NA	—	NA	23	
	171.6		0.64		—	NA	33	
	75.5		0.36		—	NA	90	
NA	—	NA	—	NA	—	NA	87	
	102.5		0.38		—	NA	160	
	92.5		0.34		—	NA	70	
NA	—	NA	—	NA	—	NA	62	
	48.9		2.07		—	NA	40	
	44.4		2.70		—	NA	27	
	43.5		0.92		—	NA	58	J-QC/FFB
	90.5		0.24		—	NA	30	
	66.8		2.10		—	NA	41	
	74.5		0.66		—	NA	22	
NA	—	NA	—	NA	—	NA	18	
	39.4		5.95		—	NA	48	
	90.9		0.45		—	NA	30	
NA	—	NA	—	NA	—	NA	32	
	72.1		0.29		—	NA	18	
NA	—	NA	—	NA	—	NA	18	
	86.0		0.57		—	NA	36	
NA	—	NA	—	NA	—	NA	39	
	63.4		3.09		—	NA	18	J-QC/FFD/RPO
	81.6		0.42		—	NA	28	
NA	—	NA	—	NA	—	NA	25	
	101.8		3.20		—	NA	21	J-QC/FFD/RPO

	67.8		3.16		—	NA	34	
NA	—	NA	—	NA	—	NA	44	
	86.3		0.19		—	NA	62	J-QC/FFB
NA	—	NA	—	NA	—	NA	58	J-QC/FFB
	84.9		0.35		—	NA	53	
	116.9		0.21		—	NA	8	J-QC/FFB
NA	—	NA	—	NA	—	NA	8	J-QC/FFB
	102.8		0.59		—	NA	16	
	98.8		1.01		—	NA	7	
	128.8		0.16		—	NA	38	
NA	—	NA	—	NA	—	NA	36	
	110.9		0.12		—	NA	35	
	93.1		0.25		—	NA	10	
NA	—	NA	—	NA	—	NA	11	
	100.7		0.31		—	NA	12	
	93.3		0.14		—	NA	18	
NA	—	NA	—	NA	—	NA	18	
	96.3		0.19		—	NA	22	J-QC/FFD/RPO
	108.1		0.25		—	NA	13	
	108.0		0.31		—	NA	13	
NA	—	NA	—	NA	—	NA	15	
	86.3		0.27		—	NA	45	
NA	—	NA	—	NA	—	NA	43	
	98.1		0.25		—	NA	11	
	112.6		0.23		—	NA	12	
NA	—	NA	—	NA	—	NA	14	
	138.2		0.31		—	NA	70	
	132.7		0.24		—	NA	39	
NA	—	NA	—	NA	—	NA	40	
	98.4		0.42		—	NA	44	
	60.7		0.84		—	NA	24	
NA	—	NA	—	NA	—	NA	25	
	86.1		2.06		—	NA	94	
	92.6		0.26		—	NA	57	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	80	J-QC/FFD/RPO
	77.3		0.20		—	NA	16	
	79.3		0.17		—	NA	35	
NA	—	NA	—	NA	—	NA	30	
	114.3		0.09		—	NA	62	
	99.4		0.13		—	NA	7	J-QC/FFD/RPO
	110.7		0.23		—	NA	6	
NA	—	NA	—	NA	—	NA	5	
	141.2		0.20		—	NA	6	
	97.2		0.21		—	NA	8	J-QC/FFD/RPO
	100.1		0.25		—	NA	4	J-QC/FFD/RPO
	96.1		0.12		—	NA	58	
NA	—	NA	—	NA	—	NA	58	
	83.4		0.22		—	NA	6	J-QC/FFD/RPO

NA	—	NA	—	NA	—	NA	15	J-QC/FFD/RPO
	106.5		0.27		—	NA	7	J-QC/FFD/FLDRPO
	113.5		0.30		—	NA	9	
NA	—	NA	—	NA	—	NA	8	
	115.3		1.16		—	NA	51	
	77.8		0.22		—	NA	30	
	82.1		0.28		—	NA	106	
	74.5		0.31		—	NA	54	
NA	—	NA	—	NA	—	NA	56	
	80.7		0.88		—	NA	21	
	70.3		0.27		—	NA	17	
	75.2		0.21		—	NA	16	
NA	—	NA	—	NA	—	NA	14	
	87.3		0.25		—	NA	19	
	80.9		0.25		—	NA	12	
	71.0		0.31		—	NA	15	
NA	—	NA	—	NA	—	NA	14	
	119.7		0.93		—	NA	26	
	93.1		3.83		—	NA	28	
NA	—	NA	—	NA	—	NA	26	
	86.3		0.85		—	NA	98	
	85.6		0.45		—	NA	46	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	44	J-QC/FLD/RPO
	92.4		1.21		—	NA	47	
NA	—	NA	—	NA	—	NA	50	
	63.5		0.25		—	NA	122	
	66.9		0.31		—	NA	88	
NA	—	NA	—	NA	—	NA	93	
	55.5		0.66		—	NA	60	
	70.4		1.19		—	NA	41	
NA	—	NA	—	NA	—	NA	36	
	69.1		1.88		—	NA	17	
	78.6		0.30		—	NA	18	
NA	—	NA	—	NA	—	NA	18	
	81.4		2.80		—	NA	40	
[redacted]	114.1	[redacted]	0.21		—	NA	—	NA
	114.5		0.22		—	NA	—	NA
	111.1		0.51		—	NA	—	NA
	128.7		0.29		—	NA	—	NA
	85.4		0.50		—	NA	—	NA
	138.8		0.95		—	NA	—	NA
	123.9		2.32		—	NA	13	J-QC/FFD/FLDRPO
	87.5		0.65		—	NA	30	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	32	J-QC/FLD/RPO
[redacted]								
[redacted]	106.9	[redacted]	0.37		—	NA	18	[redacted]
	116.5		0.61		—	NA	10	
	107.3		0.40		—	NA	—	NA
	106.2		0.25		—	NA	6	[redacted]
	103.5		0.35		—	NA	—	NA

NA	—	NA	—	NA	—	NA	—	NA
[redacted]	169.3	[redacted]	0.38		—	NA	20	[redacted]
	102.5		0.33		—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
[redacted]	74.3	[redacted]	0.33		—	NA	—	NA
	88.5		0.34		—	NA	38	[redacted]
	149.6		0.36		—	NA	38	
	96.7		0.27		—	NA	20	
	90.3		0.28		—	NA	42	J-QC/FLD/RPO
	108.1		0.19		—	NA	34	[redacted]
NA	—	NA	—	NA	—	NA	38	
[redacted]	99.7	[redacted]	0.24		—	NA	28	
	118.0		0.15		—	NA	22	
NA	—	NA	—	NA	—	NA	16	
[redacted]	165.1	[redacted]	0.17		—	NA	44	
	95.9		0.26		—	NA	19	
	183.2		0.15		—	NA	22	
NA	—	NA	—	NA	—	NA	22	
[redacted]	86.9	[redacted]	0.21		—	NA	8	
	68.7		0.28		—	NA	10	J-QC/FFD/RPO
	74.5		0.22		—	NA	22	[redacted]
	82.3		0.27		—	NA	10	
NA	—	NA	—	NA	—	NA	8	
[redacted]	79.0	[redacted]	0.56		—	NA	18	J-QC
	79.5		0.25		—	NA	10	[redacted]
	92.0		0.35		—	NA	20	
[redacted]	79.2	[redacted]	1.09		—	NA	35	J-QC/FFD/RPO
	89.4		0.22		—	NA	23	[redacted]
[redacted]								
	105.2		0.50		—	NA	8	J-QC
	104.1		0.80		—	NA	5	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	120.9		0.44		—	NA	12	J-QC/FFB
	107.8		0.21		—	NA	8	
	103.4		0.16		—	NA	22	
NA	—	NA	—	NA	—	NA	24	
	94.8		0.24		—	NA	6	
	93.4		0.23		—	NA	7	
NA	—	NA	—	NA	—	NA	7	
	89.4		0.32		—	NA	24	
	79.2		0.30		—	NA	30	
	93.6		0.26		—	NA	28	
	161.6		0.31		—	NA	46	
NA	—	NA	—	NA	—	NA	46	
	120.5		0.54		—	NA	72	J-QC/FLD/RPO
	78.5		0.26		—	NA	22	
	61.5		0.22		—	NA	30	
NA	—	NA	—	NA	—	NA	28	
	139.0		0.30		—	NA	30	J-QC/FFB

	82.1		0.98		—	NA	41	
	136.9		0.96		—	NA	32	
NA	—	NA	—	NA	—	NA	34	
	113.6		0.43		—	NA	28	
NA	—	NA	—	NA	—	NA	28	
	56.6		5.06		—	NA	36	
	86.7		0.82		—	NA	42	
NA	—	NA	—	NA	—	NA	43	
	69.8		4.86		—	NA	28	
	74.3		1.26		—	NA	27	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	31	J-QC/FLD/RPO
	99.2		0.27		—	NA	68	J-QC
	97.1		0.20		—	NA	14	J-QC/FFB

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.73	<2	<0.09	0.012
[redacted]			
0.62	<2	<0.09	0.027
0.66	<2	<0.19	0.020
0.28	3	<0.19	0.018
0.16	2	<0.19	0.014
1.00	2	<0.19	0.018
1.05	4	<0.19	0.033
0.70	2	<0.19	0.022
1.04	2	<0.19	0.031
0.77	2	<0.19	0.031
1.06	2	<0.19	0.041
0.60	4	<0.19	0.050
0.64	4	<0.19	0.036
0.43	2	<0.19	0.032
0.74	<2	<0.19	0.028
0.72	4	<0.19	0.047
2.86	<2	<0.19	0.048
3.90	<2	<0.19	0.048
2.57	<2	<0.19	0.028
3.97	<2	<0.19	0.026
—	<2	<0.19	0.025
0.49	3	<0.19	0.027
2.74	2	<0.19	0.040
1.93	3	<0.19	0.019
2.20	3	<0.19	0.040
1.79	<2	<0.19	0.027
1.07	<2	<0.19	0.014
1.37	3	<0.19	0.044
0.96	<2	<0.19	0.013
1.12	<2	<0.19	0.023
0.76	<2	<0.19	0.036
0.63	4	<0.19	0.036
5.15	<2	<0.19	0.020
0.92	3	<0.19	0.012
[redacted]			
0.62	<2	<0.19	0.016
<1.00	<2	<0.19	0.042
0.91	<2	<0.19	0.021
0.69	<2	<0.19	0.025
0.90	<2	<0.19	0.021
<1.00	4	<0.19	0.015
0.93	<2	<0.19	0.027
1.84	<2	0.40	0.026
0.89	<2	—	0.037
1.49	<2	<0.27	0.055

1.59	—	<0.27	0.057
1.27	5	<0.27	0.056
1.78	—	<0.27	0.104
2.12	4	<0.27	0.043
1.84	—	<0.27	0.114
2.09	<2	<0.27	0.035
2.03	3	<0.27	0.035
1.71	5	<0.27	0.047
1.92	4	<0.27	0.041
3.05	4	<0.27	0.064
2.66	6	<0.27	0.049
2.30	4	0.29	0.093
0.96	6	<0.27	0.082
1.61	3	<0.27	0.062
1.61	<2	<0.27	0.085
2.02	<2	<0.27	0.075
0.97	<2	<0.27	0.010
0.88	<2	<0.27	0.020
0.79	<2	<0.27	0.020
<1.00	<2	<0.27	0.020
[redacted]			
0.73	<2	<0.27	0.01
0.78	<2	<0.27	0.014
<1.00	7	<0.27	0.018
0.71	<2	<0.27	0.019
<1.00	<2	<0.27	0.028
1.17	<2	<0.27	0.027
1.08	10	<0.27	0.064
1.79	6	<0.295	0.044
2.38	<2	<0.295	0.024
1.13	—	<0.295	0.043
1.10	—	<0.295	0.026
2.16	5	<0.295	0.037
1.88	4	<0.295	0.034
1.70	<2	<0.295	0.038
1.29	<2	<0.295	0.034
1.92	6	<0.295	0.028
1.22	<2	<0.295	0.023
1.36	<2	<0.295	0.030
1.30	—	<0.295	0.020
1.16	—	<0.295	0.026
0.86	4	<0.295	0.026
2.11	4	<0.295	0.030
1.36	<2	<0.295	0.052
2.09	<2	<0.295	0.039
1.86	2	<0.295	0.048
1.37	<2	<0.295	0.031
1.27	5	<0.295	0.017
1.09	<2	<0.295	0.022
1.08	<2	<0.295	0.015

1.14	—	<0.295	0.027
0.91	6	<0.295	0.021
<1.00	<2	<0.295	0.012
0.84	—	<0.295	0.009
0.86	<2	<0.295	0.014
0.96	<2	<0.295	0.020
[redacted]			
0.70	<2	<0.295	0.018
0.50	<2	<0.295	0.013
0.68	<2	<0.295	0.016
0.64	<2	<0.295	0.022
1.29	4	<0.295	0.031
0.73	<2	<0.295	0.022
0.49	<2	0.102	0.009
0.94	<2	0.056	0.017
0.56	<2	0.093	0.012
0.70	<2	0.153	0.013
0.76	<2	0.060	0.024
0.83	<2	0.069	0.021
0.80	<2	0.093	0.034
0.84	4	0.231	0.037
1.85	<2	0.097	0.041
1.13	<2	0.208	0.043
1.53	<2	0.194	0.036
1.61	6	0.157	0.047
2.00	4	0.185	0.040
1.23	5	0.074	0.038
1.21	3	0.065	0.020
1.46	3	0.099	0.034
1.37	<2	<0.039	0.018
1.28	3	0.182	0.027
<0.30	<2	0.114	0.015
<0.30	<2	0.099	0.015
1.44	<2	0.068	0.024
0.80	<2	0.114	0.019
1.68	3	0.099	0.027
1.88	3	0.088	0.025
1.42	<2	0.271	0.039
1.43	<2	0.286	0.037
1.07	4	0.302	0.056
1.64	4	0.047	0.071
1.71	<2	0.274	0.070
1.37	<2	0.249	—
0.80	2	0.077	0.051
0.87	<2	0.233	0.017
0.80	<2	0.189	0.017
[redacted]			
1.26	<2	0.194	0.017
1.81	<2	0.272	0.018
0.85	<2	0.132	0.010

1.08		<2		0.072		0.027
1.47		<2		0.038		0.028
0.73		<2		0.166		0.031
0.79		<2		0.145		0.032
1.12		<2		0.119		0.022
0.86		<2		0.055		0.032
2.01		<2		0.085		0.039
1.47		3		0.302		0.053
1.45		<2		0.131		0.061
1.82		<2		0.086		0.039
1.30		<2		0.117		0.037
0.93		3		0.113		0.038
1.59		<2		0.063		0.032
1.42		<2		0.244		0.054
1.81		3		0.108		0.016
2.39		4		0.162		0.028
1.22		<2		0.149		0.027
2.20		6		0.578		0.050
2.51		6		0.564		0.053
1.62		4		0.208		0.068
1.66		<2		0.249		0.026
1.77		<2		0.235		0.026
1.47		<2		0.187		0.024
1.49		<2		0.088		0.013
0.86		<2		0.260		0.018
[redacted]						
1.29	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.285	J-QC/FSL	0.038
1.37	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.285	J-QC/FSL	0.038
1.02	BJ-QC/FBK/FFBFLS	<2	K	0.061	J-QC/FMS	0.032
0.93	BJ-QC/FBK/FFB	<2	K	0.066		0.028
0.99	BJ-QC/FBK/FFB	<2	K	0.056		0.025
1.82	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.412		0.029
2.15	BJ-QC/FBK/FFB	<2	K	0.157		0.039
2.25	BJ-QC/FBK/FFB	<2	K	0.151		0.038
1.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.130	J-QC/FMS	0.021
1.41	BJ-QC/FBK/FFBFLS	<2	K	0.094	J-QC/FFD/RPOFMS	0.043
2.07	BJ-QC/FBK/FFBFLS	3		0.089		0.036
1.22		<2	K	0.245		0.041
1.16		<2	K	0.214		0.028
1.16		<2	K	0.193		0.026
1.71	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.157		0.017
1.72	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.172		0.016
1.12	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.018
1.13	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.019
1.33	BJ-QC/FBK/FFB	3	J-QC/FLS	0.076	J-QC/FFD/RPO	0.013
1.31	J-QC/FFB	<2	KJ-QC/FLS	0.036	J-QC/FFD/RPO	0.028
1.37	J-QC/FFB	<2	KJ-QC/FLS	0.051	J-QC/FFD/RPO	0.032
1.33	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.127		0.019
1.10	BJ-QC/FBK/FFBFLDRPO	<2	K	0.122		0.013
1.25	BJ-QC/FBK/FFBFLDRPO	<2	K	0.117		0.014

1.71	BJ-QC/FBK/FLDRPOFLS	<2	K	0.102		0.021
1.71	BJ-QC/FBK/FLDRPOFLS	<2	K	0.092		0.021
1.75	BJ-QC/FBK/FFBFLS	—	NAP	0.031	J-RJ-QC/FMS	0.023
1.60	BJ-QC/FBK/FFB	<2	K	0.107		0.013
1.56	BJ-QC/FBK/FFB	<2	K	0.097		0.014
1.39	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.036		0.018
1.69	BJ-QC/FBK/FFB	3	J-QC/FLS	0.031	J-R	0.020
1.49	J-QC/FLS	<2	K	<0.018	K	0.013
1.21	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FLS	<0.018	K	0.023
1.18	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FLS	<0.018	K	0.021
1.30	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.022
1.37	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.022
1.69	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.014
1.61	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.013
[redacted]						
1.47	BJ-QC/FBK/FFBFLS	<2	K	0.371	J-QC/FFD/RPO	0.012
1.06	BJ-QCJ-HT/FBK/FFBEHT	6	J-QC/FLS	0.180		0.035
—		<2	KJ-QC/FFD/RPOFLS	0.085		0.0256
1.15	BJ-QCJ-HT/FBK/FFBFLSEHT	2	J-QC/FFD/RPOFLS	0.095		0.0283
1.78	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.040		0.0146
2.00	BJ-QC/FBK/FFB	2	J-QC/FLS	0.146	J-QC/FFB	0.0166
1.96	BJ-QC/FBK/FFB	2	J-QC/FLS	0.161	J-QC/FFB	0.0162
1.98	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.0253
2.51	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.035		0.0345
2.28	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.252	J-QC/FFB	0.0330
1.85	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.246	J-QC/FFB	0.0337
2.72	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.035		0.0295
2.86	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.262		0.0444
2.73	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.292		0.0433
3.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.156		0.0599
3.07	BJ-QC/FBK/FFB	3	J-QC/FLS	0.267	J-QC/FFB	0.0206
3.15	BJ-QC/FBK/FFB	4	J-QC/FLS	0.317	J-QC/FFB	0.0434
2.66	BJ-QC/FBK/FFBFLS	5	J-QC/FLS	0.216		0.0541
2.44	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.322		0.0610
3.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.171		0.0741
3.01	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.055		0.0274
2.96	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.183		0.0346
1.86	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.472		0.0349
1.88	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.482		0.0347
2.04	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.409		0.0485
2.18	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.204	J-QC/FSL	0.0502
2.19	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.178	J-QC/FSL	0.0513
1.98	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.115		0.0237
1.95	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.105		0.0238
1.96	BJ-QC/FBK/FFBFLS	<2	K	0.068		0.0240
1.88	BJ-QC/FBK/FFBFLS	<2	K	0.058		0.0239
2.35	BJ-QC/FBK/FFBFLS	4	J-QC/FFB/FLS	0.058		0.0534
2.36	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.094		0.0276
2.25	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.105		0.0262
2.04	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	KJ-QC/FFD/RPO	0.0349

1.99	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.115		0.0392
1.95	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.100		0.0447
1.98	BJ-QC/FBK/FFBFLS	<2	K	0.031	J-RJ-QC/FFD/RPO	0.0118
2.06	BJ-QC/FBK/FFBFLS	<2	K	0.042	J-QC/FFD/RPO	0.0114
2.52	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	<0.0175	K	0.0182
1.90	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.075		0.0104
2.07	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.065		0.0103
[redacted]						
1.61	BJ-QC/FBK/FFBFLS	<2	K	0.101		0.0694
1.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.099		0.0343
1.61	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.068		0.0109
1.58	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.063		0.0101
1.27	BJ-QC/FBK/FFBFLS	<2	K	0.073		0.0181
1.54	BJ-QC/FBK/FFB	<2	K	0.103	J-QC/FMS	0.0224
1.91	BJ-QC/FBK/FFB	<2	K	0.093	J-QC/FMS	0.0227
1.23	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.071	J-QC/FFD/RPOFMS	0.0282
1.30	BJ-QC/FBK/FFBFLS	<2	K	0.103		0.0234
1.32	BJ-QC/FBK/FFBFLS	<2	K	0.098		0.0240
1.63	BJ-QC/FBK/FFB	<2	K	0.136		0.0184
1.32	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.071		0.0200
1.60	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.082		0.0263
1.71	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.093		0.0296
1.82	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.147		0.0299
1.59	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.147		0.0297
1.72	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FLS	0.125		0.0208
1.65	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.076	KJ-QC/FMS	0.0179
1.65	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.065	KJ-QC/FMS	0.0178
2.00	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.218	J-QC/FFB	0.0238
1.62	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FLS	0.091	J-QC/FFD/RPO	0.0198
1.85	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FLS	0.133	J-QC/FFD/RPO	0.0196
2.07	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FLS	0.170	J-QC/FFD/RPO	0.0302
1.87	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.321		0.0528
1.77	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.376		0.0526
2.01	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.191		0.0424
2.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.245	J-QC/FFB	0.0070
2.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.234	J-QC/FFB	0.0081
1.67	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.142		0.0194
1.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.223		0.0100
1.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.196		0.0101
1.53	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.152		0.0156
1.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.123		0.0097
1.40	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.161	J-QC/FMS	0.0179
1.37	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.144	J-QC/FMS	0.0180
1.27	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.087		0.0171
2.41	BJ-QC/FBK/FFBFLS	<2	K	0.504		0.0107
2.74	BJ-QC/FBK/FFB	<2	K	0.103		0.0101
1.68	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.103		0.0312
1.88	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.098		0.0327
[redacted]						
1.58	BJ-QC/FBK/FFB	3	J-QC/FFD/RPOFLS	<0.0293	K	0.0180

1.46	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPOFLS	<0.0293	K	0.0199
1.46	BJ-QC/FBK/FFBFLS	3	J-QC/FFB/FLS	0.082	J-QC/FMS	0.0181
1.81	BJ-QC/FBK/FFBFLS	<2	K	<0.0378	KJ-QC/FMS	0.0268
1.82	BJ-QC/FBK/FFBFLS	<2	K	<0.0378	KJ-QC/FMS	0.0268
2.47	BJ-QCJ-HT/FBK/FFBFLSEHT	4		0.136	J-QC/FFB	0.0392
1.96	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.214		0.0397
2.89	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.214	J-QC/FFB/FMS	0.0332
2.38	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.146	J-QC/FMS	0.0505
2.45	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.141	J-QC/FMS	0.0487
1.81	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.194		0.0516
1.75	BJ-QC/FBK/FFBFLS	<2	K	<0.0378	KJ-QC/FMS	0.0451
1.65	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.094		0.0365
1.51	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.099		0.0329
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.272	J-QC/FMS	0.0299
1.42	BJ-QC/FBK/FFBFLS	<2	K	0.089		0.0207
1.32	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.115	J-QC/FMS	0.0337
2.37	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.094	J-QC/FMS	0.0323
1.91	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.053	J-RJ-QC/FMS	0.0356
1.81	BJ-QC/FBK/FFBFLS	<2	K	0.232	J-QC/FMS	0.0431
1.92	BJ-QC/FBK/FFBFLS	<2	K	0.216	J-QC/FMS	0.0435
2.76	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.074	J-RJ-QC/FMS	0.0342
2.59	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.100		0.0287
2.42	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.116		0.0270
2.47	BJ-QC/FBK/FFBFLS	3	J-QC/FFD/RPOFLS	0.164	J-QC/FSL	0.0330
2.36	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	0.143	J-QC/FSL	0.0337
1.87	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.222		0.0259
2.18	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.169		0.0286
2.64	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.148		0.0278
2.19	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.137		0.0332
1.95	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	0.100		0.0361
2.05	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFD/RPO	0.090		0.0419
1.58	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.137	J-QC/FSL	0.0392
1.76	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.106		0.0255
1.65	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.116		0.0258
1.92	BJ-QC/FBK/FFBFFDRPO	<2	K	0.137		0.0433
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NRP	0.126		0.0335
—	NA	3	J-QC/FLS	0.577		0.0417
—	NA	3	J-QC/FLS	0.577		0.0403
[redacted]						
—	NA	<2	KJ-QC/FMS	0.083	J/LLS	0.0307
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.086	J-QC/LLS/FMS	0.0205
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.023	J-RJ-QC/LLS/FMS	0.0133
—	NA	—	NA	—	NA	—

—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0259
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	K	<0.0217	K	0.0355
—	NA	3	J-QC/FMS	<0.0217	K	0.0369
1.88	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.204	J-QC/LLS/FSLFMS	0.0336
2.22	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.193	J/LLS	0.0418
2.31	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.096	J-QC/LLS/FMS	0.0184
2.23	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.085	J-QC/LLS/FMS	0.0183
1.79	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.165	J/LLS	0.0357
1.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.119	J-QC/LLS/FSL	0.0165
1.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.114	J-QC/LLS/FSL	0.0167
1.77	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.148	J-QC/LLS/FMS	0.0187
2.34	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FMS	0.165	J/LLS	0.0170
1.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0255
1.82	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0243
2.00	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0198
1.89	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0213
1.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0265
1.74	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	<0.0911	K	0.0153
1.58	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	<0.0911	K	0.0151
—		<2	KJ-QC/FMS	<0.0911	KJ-QC	0.0175
1.53	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0143
1.70	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	K	0.0212
1.96	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.272	J/LLS	0.0314
1.86	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.267	J-QC/LLS/FFB	0.0153
1.92	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.201	J/LLS	0.0212
1.74	BJ-QCJ-HT/FBK/FFB	<2	KJ-QC	0.320	J-QC/LLS/FFB	0.0566
1.50	BJ-QCJ-HT/FBK/FFB	<2	KJ-QC	0.343	J-QC/LLS/FFB	0.0535
1.86	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.244	J-QC/LLS/FFB	0.0268
1.64	BJ-QC/FBK/FFBFMS	<2	KJ-QC	<0.0267	K	0.0146
1.66	BJ-QC/FBK/FFBFMS	<2	K	0.125	J/LLS	0.0092
1.61	BJ-QC/FBK/FFBFMS	<2	K	0.148	J/LLS	0.0112
1.87	BJ-QC/FBK/FFB	<2	K	0.091	J/LLS	0.0251
1.57	BJ-QC/FBK/FFB	<2	K	0.244	J-QC/LLS/FFB	0.0205
1.96	BJ-QC/FBK/FFB	<2	K	0.267	J-QC/LLS/FFB	0.0208
2.18	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.063	J-QC/LLS/FFBFSL	0.0298
1.91	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.216	J/LLS	0.0333
1.98	BJ-QC/FBK/FFBFMS	<2	K	0.222	J-QC/LLS/FFB	0.0287
1.57	BJ-QC/FBK/FFBFFDFLDRPOFMS	4	J-QC/FLS	—	NRP/LBF	0.0263
1.14	BJ-QC/FBK/FFBFFDFLDRPOFMS	4	J-QC/FLS	—	NRP/LBF	0.0261
1.96	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.033	J-R/LLS	0.0284
2.49	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0263
1.90	BJ-QC/FBK/FFB	<2	KJ-QC	0.173	J/LLS	0.0227
1.77	BJ-QC/FBK/FFB	<2	KJ-QC	0.190	J/LLS	0.0238
1.97	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC/FLS	0.145	J-QC/LLS/FMS	0.0220

1.97	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC/FLS	0.145	J/LLS	0.0330
2.22	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	3	J-QC	<0.0267	K	0.0356
1.97	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC	<0.0267	K	0.0432
1.97	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	K	0.0314
1.96	BJ-QC/FBK/FFBFMS	3		<0.0267	K	0.0310
1.59	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	0.279	J/LLS	—
0.85	BJ-QCJ-HT/FBK/FFBFMS	3		0.074	J/LLS	0.0370
0.82	BJ-QCJ-HT/FBK/FFBFMS	3		0.057	J/LLS	0.0367
2.04	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.045	J-QC/LLS/FSL	0.0505
1.71	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.198	J/LLS	0.0468
1.78	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.175	J/LLS	0.0476
1.69	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.041	J-RJ-QC/LLS	0.0168
1.86	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.182	J/LLS	0.0209

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	1.75	0.250	0.15	1.50
	1.40	0.146	0.11	1.45
	1.60	0.136	0.12	2.45
	2.66	0.078	0.06	0.46
	1.31	0.153	0.12	7.17
	1.68	0.175	0.13	14.3
	1.36	0.297	0.23	32.3
	1.29	0.214	0.19	9.61
	1.49	0.225	0.21	12.3
	1.92	0.252	0.22	11.4
	1.39	0.286	0.27	18.9
	2.05	0.391	0.30	12.1
	1.81	0.267	0.29	4.6
	2.00	0.416	0.38	6.7
	4.82	0.456	0.39	37.2
	2.20	0.459	0.33	64.7
	3.14	0.527	0.49	49.9
	1.68	0.677	0.52	—
	1.75	0.352	0.33	13.46
	1.52	0.319	0.12	8.83
	1.30	0.359	0.25	3.67
	1.99	0.399	0.36	3.24
	1.80	0.302	0.31	3.67
	1.50	0.220	0.22	5.52
	2.17	0.304	0.31	9.27
	1.98	0.296	0.34	5.73
	0.96	0.232	0.20	3.07
	1.85	0.432	0.52	7.71
	0.92	0.187	0.18	2.23
	2.78	0.473	0.40	2.44
	2.77	0.395	0.37	2.45
	2.22	0.348	0.35	2.45
	0.95	0.334	0.20	4.24
	0.98	0.112	0.16	2.33
	1.11	0.102	0.10	1.87
	2.42	0.196	0.25	2.36
	1.45	0.141	0.11	2.59
	1.93	0.170	0.15	5.29
	1.56	0.096	0.12	18.94
	0.64	0.117	0.16	6.99
	1.91	0.192	0.14	24.21
	1.83	0.277	0.25	18.14
	2.02	0.172	0.25	4.37
	2.82	0.395	0.42	—

2.73	0.433	—	—
2.81	0.545	0.56	—
2.45	0.449	—	—
1.74	0.689	0.86	—
1.81	0.397	—	—
1.66	0.620	0.27	—
1.89	0.354	0.40	—
1.75	0.765	0.79	—
2.03	0.440	0.44	—
1.61	0.626	0.77	—
1.85	0.643	0.53	—
1.83	0.786	0.85	—
2.36	0.471	0.37	—
2.47	0.439	0.43	—
1.89	0.505	0.61	—
2.63	0.453	0.39	—
1.29	0.184	0.19	—
2.91	0.290	0.32	—
1.71	0.200	0.21	—
2.22	0.210	0.21	—
[redacted]			
1.28	0.08	0.09	—
0.93	0.08	0.08	—
1.01	0.099	0.06	—
1.46	0.263	0.10	—
2.65	0.149	0.20	—
2.80	0.292	0.26	—
2.17	0.307	0.24	—
1.82	0.527	0.25	—
1.78	0.269	0.25	—
2.49	0.339	—	—
0.88	0.190	—	—
1.69	0.399	0.38	—
1.76	0.228	0.33	—
1.09	0.347	0.32	—
1.07	0.240	0.22	—
1.99	0.516	0.18	—
1.29	0.226	0.20	—
1.16	0.358	0.32	—
1.22	0.317	—	—
1.74	0.328	—	—
1.67	0.308	0.28	—
1.93	0.323	0.25	—
2.25	0.327	0.38	—
2.29	0.621	0.68	—
2.36	0.305	0.32	—
2.17	0.396	0.37	—
1.22	0.542	0.34	—
1.48	0.457	0.40	—
1.31	0.232	0.22	—

—	0.347	0.22	—
1.57	0.366	0.32	—
1.19	0.241	0.22	—
0.75	0.112	0.13	—
1.62	0.169	0.16	—
2.73	0.276	0.26	—
[redacted]			
1.61	0.161	<0.01	6.3
1.92	0.148	0.14	3.6
3.26	0.230	0.22	2.0
1.05	0.316	0.30	4.8
3.44	0.241	0.22	3.8
1.95	0.184	0.14	7.0
1.25	0.124	0.06	32.1
1.66	0.161	0.12	50.2
0.648	0.115	0.06	64.6
0.774	0.097	0.08	92.4
1.34	0.187	—	34.0
1.34	0.180	0.12	25.8
1.89	0.293	0.15	27.1
2.12	0.350	0.18	10.5
1.46	0.291	0.20	34.8
1.68	0.418	0.12	9.7
2.72	0.448	0.32	19.5
2.22	0.540	0.33	48.2
2.04	0.472	0.20	20.6
1.94	0.465	0.18	21.1
2.56	0.514	0.51	5.2
2.47	0.431	0.30	26.2
1.59	0.453	0.31	10.6
1.38	0.475	0.06	15.4
0.769	0.260	0.20	6.2
0.657	0.276	0.20	5.9
1.93	0.356	0.27	6.1
1.81	0.451	0.29	21.3
5.53	0.368	0.25	5.8
—	0.347	0.24	5.6
2.08	0.375	0.29	18.6
2.43	0.384	0.29	18.1
2.81	0.32	0.26	8.5
3.32	0.29	0.21	15.5
3.31	0.32	0.36	4.6
2.28	0.34	0.31	9.6
3.00	0.43	0.39	<3.0
1.94	0.29	0.24	<3.0
1.96	0.47	0.20	<3.0
[redacted]			
2.46	0.21	0.18	4.3
1.58	0.12	0.10	2.6
0.379	0.08	0.05	4.2

	1.58		0.06		0.12		<1.1
	2.14		0.19		0.15		4.3
	1.50		0.25		0.12		4.4
	1.42		0.17		0.11		4.4
	1.18		0.35		0.16		5.0
	1.76		—		—		12.6
	0.492		0.25		0.14		31.0
	1.99		0.36		0.25		26.8
	2.52		0.23		0.28		33.8
	1.03		0.36		0.24		25.9
	1.98		0.30		0.40		18.8
	2.34		0.32		0.76		20.2
	2.24		0.33		0.23		52.2
	1.77		0.36		0.32		12.5
	1.36		0.67		0.24		17.4
	1.36		0.52		0.49		101.6
	1.63		0.30		0.31		17.8
	0.895		0.61		0.47		27.0
	0.811		0.40		0.41		26.4
	1.92		0.47		0.56		5.2
	1.19		0.31		0.24		3.2
	1.16		0.25		0.25		3.4
	1.64		0.20		0.19		5.4
J-R	1.99		0.28		0.25		5.6
	1.96		0.23		0.21		5.2
[redacted]							
	3.35		0.21		0.24		4.6
	3.43		0.21		0.23		4.5
	2.07	J-QC/FFB	0.20	J-QC/FFB	0.19		4.4
	2.51	J-QC/FLS	0.20		0.19		4.5
	2.51	J-QC/FLS	0.19		0.19		4.6
J-QC/FFB	1.11	J-QC/FFB	0.24	J-QC/FFB/FFDRPO	0.18		4.7
	1.32		0.22	J-QC/FFD/RPO	0.17		10.6
	1.42		0.31	J-QC/FFD/RPO	0.16		6.2
J-QC/FFB	1.07	J-QC/FFB	0.21		0.17		<2.4
J-QC/FFB	1.75		0.19		0.18		1.0
	2.35	J-QC/FFB	0.42		0.19		2.4
	—		0.25		0.21		4.3
J-QC/FFB	1.49		0.29		0.15		8.0
J-QC/FFB	1.52		0.28		0.14		7.9
	0.853		0.18		0.15	J-QC/FFB/FFDRPO	1.5
	0.691		0.17		0.08	J-QC/FFB/FFDRPO	1.6
J-QC/FFB	1.43		0.19		0.16		16.2
J-QC/FFB	1.49		0.18		0.16		14.8
	1.83	J-QC/FFB	0.24	J-QC/FFD/RPO	0.15		39.2
	1.27		0.41	J-QC/FFB	0.18		8.7
	1.36		0.32	J-QC/FFB	0.17		8.7
	1.71		0.25	J-QC/FFB	0.22		4.8
	1.03		0.21		0.16	J-QC/FFB	3.9
	1.07		0.20		0.15	J-QC/FFB	4.4

J-QC/FFB	2.51		0.30		0.23		4.8
J-QC/FFB	2.49		0.29		0.23		4.9
	1.77	J-QC/FFB	0.34		0.19		15.6
	1.38		0.24		0.19		3.2
	1.32		0.21		0.18		3.2
	1.79		0.33		0.22		2.8
	2.23	J-QC/FFB	0.29		0.19		5.5
	2.30		0.56		0.34	J-QC/FFB	8.7
J-QC/FFB	2.82		0.34		0.37		6.9
J-QC/FFB	2.80		0.33		0.30		6.5
	2.24		0.28		0.27		2.8
	2.30		0.26		0.26		—
	0.973	J-QC/FFB	0.17	J-QC/FFD/RPO	0.10		2.3
	1.06	J-QC/FFB	0.09	J-QC/FFD/RPO	0.09		2.3
[redacted]							
	1.30		0.17		0.11		1.4
	1.39		0.13		0.12		2.5
	1.07		0.10		0.06		11.3
	1.07		0.08		0.06		11.0
J-QC/FLS	0.528		0.08		0.06		21.7
	1.44		0.16		0.06		6.0
	1.59		0.18		0.05		8.3
	1.45		0.26		0.22		7.6
	1.90		0.21		0.17		29.4
	1.91		0.23		0.21	J-QC/FLD/RPOFLS	14.5
	1.75		0.22		0.20	J-QC/FLD/RPOFLS	14.8
	2.01		0.26		0.20		70.0
J-QC/FFB	1.56		0.28		0.24		18.8
J-QC/FFB	1.84		0.30		0.25		23.8
	2.09		0.33		0.26		21.3
J-QC/FFD/RPO	1.76		0.33		0.30		31.6
J-QC/FFD/RPO	1.86		0.38		0.31		30.5
	1.54		0.42		0.32		17.7
	1.21		0.46		0.35		10.4
	1.50		0.43		0.35		42.2
	1.55		0.32		0.23		10.9
	1.44		0.38		0.31	J-QC/FLD/RPOFLS	43.2
	1.83		0.25	J-QC/FLD/RPOFLS	0.26		10.4
	1.88		0.27	J-QC/FLD/RPOFLS	0.25		10.8
	1.52		0.36		0.29		18.4
	2.26		0.35		0.30		37.5
	2.60		0.37		0.34		33.3
	1.41		0.23		0.23		10.5
	1.43		0.25		0.23		13.6
	2.16		0.37		0.31		21.5
	2.20		0.28		0.24		24.8
	1.83		0.31		0.24		25.1
	2.62		0.30		0.25		9.8
	2.63		0.33		0.29		9.4
	2.15		0.33		0.27		21.0

	2.40		0.42	J-QC/FFD/RPO	0.26		21.6
	2.55		0.29	J-QC/FFD/RPO	0.24		35.8
	1.06		0.55		0.29	J-QC/FFD/RPO	7.3
	1.06		0.41		0.19	J-QC/FFD/RPO	6.5
	3.35		0.57		0.37		6.0
J-R	0.259		0.21		0.16		5.8
J-R	0.290		0.17		0.17		5.8
[redacted]							
	2.6790		0.31		0.23		3.3
	2.5100		0.20	J-QC/FFB	0.16		2.7
	0.5773		0.23	J-QC/FFD/RPO	0.13		2.0
	0.5714		0.12	J-QC/FFD/RPO	0.12		3.7
	0.5618	J-QC/FFB	0.14		0.10		9.7
	0.9576		0.11		0.08		12.2
	0.9590		0.12		0.10		13.4
	1.4936		0.16		0.11		20.8
	0.8490		0.12		0.12		5.1
	0.8710		0.13		0.11		4.7
	0.7530	J-QC/FLS	0.14		0.13		5.2
J-QC/FFD/RPO	1.3148		0.19		0.15		4.8
	2.6349		0.25		0.21		25.6
	2.6338		0.24		0.20		21.0
	<0.0267	KJ-QC/FLS	0.22		0.18		—
	—	A/LBF	0.21		0.18		13.3
	1.9738	J-QC/FLS	0.24		0.19		9.3
J-QC/FFB	1.0569	J-QC/FLS	—	A/LBF	0.11		9.0
J-QC/FFB	1.1622	J-QC/FLS	—	A/LBF	0.12		12.3
J-QC/FFB	1.4522		0.31	J-QC/FFD/FLDRPOFLS	0.09	J-QC/FLS	25.7
	1.3485		0.19		0.15		32.0
	1.4122		0.19		0.15		28.4
	1.3391		0.38		0.28		37.2
	1.8275	J-QC/FFB	0.32		0.29		19.5
	1.6738	J-QC/FFB	0.31		0.29		18.7
	1.6404		0.40		0.33		15.8
	1.5150		0.19		—	A/LBF	48.0
	1.4744		0.16		—	A/LBF	44.8
	1.1381		0.18		0.15		5.0
	0.9407	J-QC/FFB	0.28		0.17	J-QC/FFB	4.9
	1.1167	J-QC/FFB	0.24		0.17	J-QC/FFB	4.4
	0.5452		0.10		0.16		6.37
	0.9794	J-QC/FFD/RPO	0.12		0.11		7.39
	1.6491		0.21		0.17		42.1
	1.5897		0.19		0.15		40.9
	1.0708		0.15		0.12		2.41
J-QC/FFB/FFDRPO	1.3227		0.12		0.13		1.09
	1.9730		0.16		0.15		2.12
J-QC/FFB	0.8496		0.35	J-QC/FFD/RPO	0.20		8.66
J-QC/FFB	0.8508		0.22	J-QC/FFD/RPO	0.20		10.3
[redacted]							
J-QC/FFB	1.7580		0.16		0.13		15.9

J-QC/FFB	1.7473		0.14		0.13		12.3
J-QC/FFB	1.7227	J-QC/FFB	0.15		0.12		6.40
	2.2080		0.16		0.12		8.53
	2.2682		0.15		0.12		7.87
J-QC/FFB	2.2668	J-QC/FFB	0.26		0.16		27.7
J-QC/FFB	1.4288		0.22		0.18		14.8
J-QC/FFB	2.0263		0.23		0.20		20.3
J-QC/FFB	2.1896		0.26		0.22		18.1
J-QC/FFB	2.1896		0.25		0.22		21.3
	1.9317	J-QC/FLS	0.22	J-QC/FFB	0.18		8.67
	1.7551		0.37		0.29		3.69
J-QCJ-HT/FFB/EHT	1.2700		0.21		0.10	J-QC/FFD/RPO	0.93
J-QCJ-HT/FFB/EHT	1.1962		0.20		0.16	J-QC/FFD/RPO	0.83
	1.9039		0.23		0.23		4.70
	1.6095	J-HT/EHT	0.21		0.21		3.66
	1.6808	J-QC/FLS	0.24		0.22		10.7
	1.7500	J-QC/FLS	0.24		0.21		10.5
	2.3387		0.27		0.25	J-QC/FFB	59.3
J-QC/FFB	2.1246	J-QC/FLS	—	A/LBF	0.27		15.8
J-QC/FFB	2.1163	J-QC/FLS	—	NAPQNS	—	NAPQNS	14.9
	2.3515		0.50		0.27	J-QC/FFB	30.6
	2.4906	J-QC/FLS	0.38	J-QC/FFD/RPO	0.22		22.7
	2.5396	J-QC/FLS	0.22	J-QC/FFD/RPO	0.21		18.5
	1.9330	J-QC/FFB	0.26	J-QC/FLS	0.24	J-QC/FLS	19.0
	1.9873	J-QC/FFB	0.22	J-QC/FLS	0.23	J-QC/FLS	14.2
	2.1604		0.24		0.23		9.24
	2.3951	J-QC/FLS	0.21		0.20		25.4
	2.3812	J-QC/FLS	0.22		0.20		24.8
	2.1757		0.35		0.31		3.88
J-QC/FFB	2.1114	J-QC/FLS	0.32	J-QC/FLS	0.24		27.0
J-QC/FFB	2.2024	J-QC/FLS	0.32	J-QC/FLS	0.25		18.8
	1.8460		0.23	J-QC/FLS	0.23		16.2
	2.2499		0.28		0.22		5.91
	1.9293		0.26		0.22		12.3
	2.4963		0.21		0.20		4.34
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
J-QC/FFB	2.4877	J-QC/FLS	0.28		0.26		1.45
J-QC/FFB	2.7648		0.50		0.46		2.29
J-QC/FFB	2.7285		0.48		0.44		1.50
[redacted]							
	1.5050		0.23	J-QC/FFD/RPO	0.19	J-QC	5.11
	1.6103	J-QC/FFB	0.15	J-QC	0.12	J-QC	2.32
NA	—	NA	—	NA	—	NA	—
[redacted]	1.1235	[redacted]	0.10	J-QC	0.07	J-QC	5.42
NA	—	NA	—	NA	—	NA	—

NA	—	NA	—	NA	—	NA	—
J-QC/FFD/RPO	1.8337	[redacted]	0.11	J-QC	0.14	J-QC	25.1
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
[redacted]	1.8858	[redacted]	0.20		0.20	J-QC	24.5
J-HT/EHT	2.7026	J-QC/FFB	0.30		0.20	J-QC	16.1
[redacted]	1.1510	[redacted]	0.27		0.20	[redacted]	1.74
[redacted]	2.0621	J-QC/FLS	0.52		0.23	J-QC	4.29
J-QC/FFB	0.8181	[redacted]	0.22		0.16	J-QCJ-HT/EHT	1.09
J-QC/FFB	0.8181	[redacted]	0.19		0.16	J-QCJ-HT/EHT	1.30
[redacted]	1.7465	[redacted]	0.30	J-QC/FMS	0.23	[redacted]	1.37
[redacted]	0.6874	[redacted]	<0.01	KJ-QC/FFD/FLDRPO	0.12	[redacted]	1.76
[redacted]	0.7104	[redacted]	0.13	J-QC/FFD/FLDRPO	0.12	[redacted]	1.54
J-QC/FFB	0.6711	[redacted]	0.15		0.14	J-QC	1.85
[redacted]	1.4774	[redacted]	0.25		0.21	[redacted]	2.76
[redacted]	1.1074	J-QC/FLS	0.28	J-QC/FLD/RPOFSL	0.17	[redacted]	2.87
[redacted]	1.1650	J-QC/FLS	0.26	J-QC/FLD/RPOFSL	0.16	[redacted]	3.00
[redacted]	1.4059	[redacted]	0.30		0.27	[redacted]	2.38
[redacted]	1.8728	J-QC/FLS	0.21		0.19	J-QC/FLD/RPO	5.06
J-QC/FLS	1.6464	[redacted]	0.20	J-QC	0.19	[redacted]	3.45
[redacted]	2.0870	[redacted]	0.35	J-QC/FFD/FLDRPOFMS	0.24	[redacted]	5.19
[redacted]	2.0850	[redacted]	0.21	J-QC/FFD/FLDRPOFMS	0.19	[redacted]	3.61
J-QC	1.8659	J-QC	0.23	J-QC/FLD/RPO	0.23	J-QC	3.66
[redacted]	1.6382	J-QC/FFB	0.24	J-QC	0.23	J-QC	2.35
J-QC/FFB	2.3600	[redacted]	0.27	J-QC/FMS	0.25	[redacted]	4.24
J-QC/FFB	4.3799	J-QC/FLS	0.48	J-QC	0.44	J-QC	12.4
J-QC/FFB	1.9622	[redacted]	0.41	J-QC/FLD/RPO	0.32	[redacted]	2.74
[redacted]							
	1.8736	J-QCJ-HT/FFB	0.19		0.17		2.68
J-QC/FFB	2.5614		0.22	J-QC	0.19	J-QC	2.72
J-QC/FFB	2.3757		0.21	J-QC	0.20	J-QC	2.88
J-QC/FFB/FFDRPO	1.7499	J-HT/EHT	0.17		0.15		3.21
	0.8197		0.09		0.07		5.93
J/LLS	0.6001		0.08	J-QC/FFB	0.06		2.23
	0.6170		0.08	J-QC/FFB	0.06		2.59
J-QC/FFB	1.1531		0.16	J-QC/FFB/FMS	0.13	J-QC/FFB	5.06
	1.0572	J-QCJ-HT/FLS	0.14		0.11		6.13
	0.9920	J-QCJ-HT/FLS	0.14		0.11		6.29
J-QC/FFB	1.7880		0.18		0.13		29.8
J-QC/FFB	1.7115		0.17	J-QC/FMS	0.15		15.6
J-QC/FFB	1.1214		0.22		0.18		11.3
J-QC/FFB	1.3589		0.21	J-QC/FFB	0.13		77.2
J-QC/FFB	1.3422		0.19	J-QC/FFB	0.12		113.2
J-QC/FFB	1.8390		0.23	J-QC/FMS	0.17		64.6
J-QCJ-HT/FFB	1.9589	J-QC/FLS	0.22		0.17		15.6
J-QC	1.3094	J-HT	0.21		0.19		8.16
J-QC	1.3660	J-HT	0.17		0.16		8.28
	1.7840		0.19		0.14		9.82

	1.7276		0.28		0.21		8.21
J-QC/FFB	2.3952		0.31	J-QC/FMS	0.19		12.8
J-QC/FFB	2.3959		0.25	J-QC/FMS	0.20		12.4
	2.2401		0.26	J-QC/FFB	0.20		13.6
	2.4019		0.24	J-QC/FFB	0.19		12.7
A/LBF	2.0510		0.26	J-QC	0.22	J-QC	12.6
J-QC/FFB	2.3785		0.24		0.21		9.26
J-QC/FFB	2.6335		0.22		0.20		9.02
	2.5530		0.27		0.23		1.02
J-QC/FFB	3.1808		0.42		0.35	J-QC	5.02
J-QC/FFB	3.1082		0.38		0.33	J-QC	4.85
J-QC	2.7080	J-QC	0.62	J-QC	0.49	J-QC/FFB	0.32
J-QC/FFB	0.9891		0.19		0.15		4.05

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)	
[redacted]				
	7.0	0.00	0.00	[redacted]
[redacted]				
	5.8	0.00	0.00	[redacted]
	<0.5	0.00	0.00	
	18.0	0.00	0.00	
	2.8	0.00	0.03	
	3.5	0.03	0.18	
	6.8	0.32	1.41	[redacted]
	6.8	0.07	0.16	
	5.0	0.00	0.04	
	18.4	0.00	0.03	
	6.3	0.00	0.23	
	3.7	0.10	0.10	
	4.7	0.01	0.01	
	3.2	0.00	0.05	
	2.5	0.00	0.00	[redacted]
	3.4	0.00	0.00	
	9.5	0.00	0.00	
	7.4	0.00	0.00	
	9.2	0.00	0.00	
	2.9	0.00	0.00	
	9.9	0.00	0.18	
	21.0	0.00	0.00	
	6.5	0.45	0.69	[redacted]
	7.4	0.00	0.00	
	4.4	0.00	0.00	
	7.3	0.00	0.00	
	10.3	0.00	0.00	
	7.2	0.00	0.00	
	5.2	0.00	0.00	
	9.2	0.00	0.39	
	6.0	0.00	0.00	[redacted]
	9.2	0.00	0.00	
	6.3	0.00	0.00	
	5.3	0.00	0.00	
[redacted]				
	4.2	0.09	0.28	[redacted]
	0.7	0.01	0.01	
	4.0	0.14	0.27	
	0.5	0.00	0.00	[redacted]
	<0.5	0.00	0.00	
	1.8	0.00	0.00	
	<0.5	0.00	0.00	
	<0.5	0.00	0.00	
	<0.5	0.00	0.00	
	1.3	0.05	0.05	[redacted]

—	0.00	0.40	[redacted]
2.1	0.00	0.00	[redacted]
—	0.00	0.00	[redacted]
3.8	0.50	0.50	[redacted]
—	0.95	1.78	[redacted]
3.6	0.12	0.12	[redacted]
3.8	0.00	0.40	[redacted]
4.2	0.07	0.07	[redacted]
3.7	0.00	0.00	[redacted]
5.1	0.00	0.00	[redacted]
5.7	0.08	0.66	[redacted]
4.0	0.00	0.00	[redacted]
4.9	0.00	0.03	[redacted]
3.0	0.00	0.00	[redacted]
3.1	0.00	0.00	[redacted]
3.5	0.05	0.05	[redacted]
4.3	0.71	1.51	[redacted]
5.2	0.30	0.30	[redacted]
8.4	0.57	0.57	[redacted]
7.9	0.00	0.00	[redacted]
[redacted]			
5.9	0.00	0.00	
5.3	0.00	0.63	
4.1	0.00	0.00	
<0.5	0.00	0.00	
2.9	0.00	0.00	
1.3	0.00	0.00	
3.2	0.00	0.41	
5.3	0.00	0.00	
7.5	0.00	0.00	
—	0.00	0.00	
—	0.39	0.39	
2.2	0.00	0.00	
6.1	0.00	0.00	
5.0	0.17	1.04	
4.9	0.00	0.00	
3.4	0.00	0.00	
3.6	0.25	1.44	
6.2	0.33	2.38	
—	1.56	1.56	
—	0.36	0.36	
9.4	0.00	0.00	
7.3	0.15	0.15	
6.8	1.04	1.04	
6.3	0.02	0.02	
6.2	0.00	0.00	
6.3	0.57	1.19	
5.0	0.35	0.35	
7.0	0.00	0.00	
5.8	0.00	0.00	

4.7	0.00	0.00
6.5	0.55	2.41
5.1	0.00	0.00
4.0	0.00	0.00
2.2	0.00	0.00
1.3	0.00	0.00
[redacted]		
1.9	0.00	0.01
2.8	0.02	0.02
1.5	0.00	0.00
—	0.00	0.00
3.5	0.00	0.00
8.8	0.00	0.00
<0.5	0.00	0.01
1.6	1.98	1.98
3.1	0.00	0.00
3.7	0.00	0.32
3.6	0.00	0.00
3.1	0.00	0.00
2.6	0.00	0.02
3.6	0.00	0.00
2.6	0.00	0.00
2.8	0.00	1.63
4.0	0.00	0.00
6.3	0.28	0.50
4.9	0.19	0.48
3.4	0.19	0.48
2.9	1.77	1.77
3.1	0.44	0.44
3.6	0.00	0.00
7.9	0.00	0.00
8.9	0.00	0.01
7.5	0.00	0.01
3.0	0.00	1.48
7.0	0.00	0.00
7.8	0.00	0.00
5.8	0.00	0.00
5.9	0.00	1.09
3.8	0.00	1.09
9.6	0.00	0.00
6.3	0.00	0.00
7.2	0.65	0.72
5.3	0.00	0.00
6.5	0.12	0.42
6.0	0.00	0.00
4.1	0.06	0.06
[redacted]		
9.1	0.09	0.10
J-R 4.6	0.00	0.19
3.8	0.00	0.00

	3.7		0.00	0.00
J-R	5.0		0.00	0.00
J-R	6.0		0.00	0.00
J-R	5.5		0.00	0.00
	9.4		0.05	0.71
	—		0.00	0.00
	4.9		0.86	0.86
	6.1		0.00	0.00
	6.1		0.09	0.09
	5.7		0.00	0.14
	5.0		0.00	0.00
	4.8		0.00	0.00
	5.6		0.80	0.80
	6.1		1.70	1.70
	6.7		0.00	0.00
	7.8		0.18	0.18
	4.2		0.00	0.00
	—		0.00	0.00
	—		0.00	0.00
	5.8		0.00	0.00
J-R	7.2		0.00	0.00
J-R	9.6		0.00	0.00
	4.1		0.00	0.00
	7.4		0.44	0.59
	4.8		0.00	0.00
J-R	4.3		0.00	1.25
J-R	4.3		0.00	1.25
J-RJ-HT/EHT	3.7		0.00	0.05
J-R	4.6		0.00	0.00
J-R	4.6		0.00	0.00
J-RJ-HT/EHT	7.1		0.00	0.78
J-QC/FFD/RPO	10.2	J-QC/FFD/RPO	1.47	2.10
J-QC/FFD/RPO	4.0	J-QC/FFD/RPO	1.47	2.10
K	8.2		0.00	0.00
J-R	5.9		0.00	0.00
	7.5		0.10	0.10
	6.2		0.01	1.73
	12.0		0.00	0.01
	11.5		0.00	0.01
J-R	6.6		0.43	0.43
J-R	5.6		0.43	0.43
	5.9		0.00	0.08
	5.7		0.00	0.08
	5.4		0.00	0.00
	5.1		0.00	1.44
	4.5		0.00	1.44
	5.9		0.00	3.33
	7.5		0.00	0.00
	6.1		0.00	0.00

	9.6		0.04	0.04
	8.4		0.04	0.04
	5.8		0.00	1.13
	7.0	J-QC/FFB	0.00	0.00
	6.7	J-QC/FFB	0.00	0.00
	6.8	J-QC/FFB	0.00	0.00
	6.0	J-QC/FFB	0.00	0.00
	4.7	J-QC/FFB	0.04	0.04
	5.1	J-QC/FFB	0.06	0.06
	4.2	J-QC/FFB	0.06	0.06
	4.8		0.21	0.21
NAPQNS	4.8		0.21	0.21
	5.2	J-QC/FFB	0.00	0.00
	5.5	J-QC/FFB	0.00	0.00
[redacted]				
J-R	6.20		0.00	0.00
J-QC/FFD/RPO	12.80	J/OUT	0.00	0.07
	5.30		0.00	0.00
	4.60		0.00	0.00
	5.30		0.00	0.00
J-QC/FFD/RPO	6.37		2.03	2.03
J-QC/FFD/RPO	5.71		2.03	2.03
	6.80		0.47	0.47
	4.70		1.43	1.43
	5.74		0.00	0.00
	5.48		0.00	0.00
	5.40		0.00	0.00
	5.58		0.02	1.13
	5.49		0.02	1.13
	5.09	J-QC/FFD/RPO	0.00	0.00
	5.02		0.00	0.43
	5.23		0.00	0.43
	6.80	J-QC/FFB	0.00	0.00
	5.40		0.00	0.00
	5.80	J-QC/FFB	1.69	2.78
	5.20		0.00	0.00
	4.90	J-QC/FFB	0.00	0.00
	4.50	J-QC/FFB	0.01	0.01
	4.70	J-QC/FFB	0.01	0.01
	5.10	BJ-QC/FBK/FFB	0.00	0.00
	5.00	J-QC/FFB	0.00	0.00
	5.30	J-QC/FFB	0.00	0.00
	4.70	J-QC/FFB	0.00	0.71
	4.70	J-QC/FFB	0.00	0.71
	5.10	BJ-QC/FBK/FFB	0.00	0.00
	4.20	BJ-QC/FBK/FFB	0.00	0.00
	5.30	J-QC/FFB	0.00	0.00
	4.20	J-QC/FFB	0.00	0.00
	3.90	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.50		0.09	0.09

J-QC/FFD/RPO	4.00		0.00	0.16
J-QC/FFD/RPO	3.50		0.00	0.16
	7.00		0.00	0.01
	6.40		0.00	0.01
	6.50		0.00	0.15
	8.00		0.00	0.00
	7.40		0.00	0.00
	4.8		0.00	0.00
	4.9	J-QC/FFB	0.00	0.10
J-RJ-QC/FFD/RPO	5.5		0.00	0.00
J-QC/FFD/RPO	4.6		0.00	0.00
	4.3		0.00	0.97
	5.5	B/FBK	0.00	0.57
	5.5	B/FBK	0.00	0.57
	5.2	BJ-QC/FBK/FFDFLDRPOFSL	0.00	0.00
	6.5	J-QC/FFD/RPO	0.01	2.40
	4.6	J-QC/FFD/RPO	0.01	2.40
	6.4		0.00	0.00
	5.4		0.00	0.00
	4.7		0.12	0.12
	3.6		0.12	0.12
A/LBF	3.6		0.04	0.05
	2.7		0.04	0.05
	5.6	J-QC/FFB	0.01	0.09
J-QC/FFD/RPO	4.4		0.00	0.00
J-QC/FFD/RPO	4.5		0.00	0.00
J-QC/FFD/RPO	4.5	J-QC/FFB	0.00	0.00
	4.5	J-QC/FFB	0.17	0.17
	4.0	J-QC/FFB	0.17	0.17
	4.7	J-QC/FFB	0.00	0.00
	4.6	J-QC/FFB	0.00	0.00
	4.5	J-QC/FFB	0.00	0.00
	4.0	J-QC/FFB	0.69	0.69
	4.2	J-QC/FFB	0.00	0.00
	4.1	J-QC/FFB	0.00	0.00
	5.5		0.00	0.22
	8.1	J-QC/FFB	0.00	0.00
	7.4	J-QC/FFB	0.00	0.00
	6.2	J-QC/FFB	1.42	2.78
	7.0	J-QC/FFB	0.00	0.00
	6.3	J-QC/FFB	0.04	0.12
	5.9	J-QC/FFB	0.04	0.12
	6.8	J-QC/FFB	1.52	1.59
J-R	4.9	J-QC/FFB	0.99	1.00
	4.4	J-QC/FFB	0.84	0.84
	9.5	J-QC/FFD/RPO	0.23	2.42
	6.6	J-QC/FFD/RPO	0.23	2.42
	3.7		1.48	1.62

	3.7		1.48	1.62
	3.5	J-QC/FFB	0.01	0.03
J-QC/FSL	3.8	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
J-QC/FSL	3.8	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
J-QC/FSL	3.5		0.02	0.02
	5.5		0.91	1.11
	4.5	J-QC/FFB	0.21	0.48
	4.4		0.00	0.18
	4.2		0.00	0.18
	3.9		1.94	1.94
	6.3	J-QC/FFB	0.00	0.02
	4.6		0.58	0.60
	4.2		0.58	0.60
	4.4	B/FBK	0.00	0.93
	5.4	B/FBK	0.00	0.00
	3.5	B/FBK	0.00	0.00
	3.8	B/FBK	0.00	0.00
J-QC/FFD/RPOFSL	4.5		0.00	0.00
	5.5		0.39	0.39
	—	NAPQNS	0.39	0.39
J-QC/FFB	—	A/LBF	0.02	0.04
	5.1		0.23	0.23
	5.3		0.23	0.23
	—	NAPEFAI/EQF	0.00	0.00
	—	NAPEFAI/EQF	0.00	0.00
J-QC/FFD/RPO	3.7		0.00	0.29
J-QC/FSL	3.3		0.00	0.00
J-QC/FSL	2.7		0.00	0.00
	4.1	J-QC/FFD/RPO	0.00	0.12
J-QC/FFD/RPO	3.2	J-QC/FFD/RPO	0.00	0.11
J-QC/FFD/RPO	2.2	J-QC/FFD/RPO	0.00	0.11
J-QC/FFD/RPO	2.7		0.00	0.00
J-QC/FFD/RPOFSL	3.2		0.00	0.00
J-QC/FFD/RPOFSL	2.7		0.00	0.00
	4.5		0.00	0.00
NA	—	NA	0.00	0.00
NA	—	NA	0.05	1.08
NA	—	NA	0.00	0.05
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	5.3	B/FBK	0.00	0.00
J-QC/FFB/FFDRPO	3.5		0.00	0.00
J-QC/FFB/FFDRPO	3.1		0.00	0.00
[redacted]				
	5.74	J-QC/FFB	0.00	0.70
J-QC/FFD/RPO	5.11	J-QC/FFB	0.00	0.42
NA	—	NA	1.33	1.51
J-QC/FFB	4.51	J-QC/FFB	0.00	0.00
NA	—	NA	0.00	0.00

NA	—	NA	0.00	0.00
J-QC/FFB	3.1		0.00	0.46
NA	—	NA	0.07	0.10
NA	—	NA	0.07	0.10
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	4.4		0.00	0.00
J-QC/FFD/RPO	4.6		0.00	0.00
J-QC/LLS/FFDRPO	6.3	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	6.2	J-QC	0.35	0.88
J-QC/LLS/FFB	6.5	J-QC	0.00	0.00
J-QC/LLS/FFB	6.5	J-QC	0.00	0.00
J-QC/LLS/FFB	7.2		0.18	0.18
J-QC/LLS/FFB	6.1		1.29	1.29
J-QC/LLS/FFB	5.9		1.29	1.29
J-QC/LLS	6.6	J-QC/FFB/FFDFLDRPO	0.00	0.00
[redacted]	11.2	J-QC/FFD/RPO	0.00	0.01
J-QC/FSL	4.7	B/FBK	0.02	1.47
J-QC/FSL	5.0	B/FBK	0.02	1.47
[redacted]	8.2	J-QC/FFB/FLDRPO	0.00	0.00
[redacted]	7.8		0.00	0.00
[redacted]	4.8		0.00	0.57
J-QC/FFD/RPO	5.4	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	5.2	J-QC/FFB	0.00	0.00
J-QC	5.2	J-QC	0.00	0.00
[redacted]	6.1	J-QC	0.00	1.01
J-QC/FFB	5.0		0.85	0.86
[redacted]	30.6	J-QC	0.00	0.00
	7.31		0.44	0.48
[redacted]				
	4.9		0.38	0.60
J-QC/FFB	2.4		0.00	0.09
J-QC/FFB	2.4		0.00	0.09
	3.9	BJ-QC/FBK/FFBFFDRPO	0.36	0.36
	4.5		0.03	0.04
	6.5		0.00	0.00
	6.1		0.00	0.00
	6.4		0.03	0.03
	6.2	B/FBK	0.00	0.00
	5.8	B/FBK	0.00	0.00
	6.0		0.00	0.99
	7.0	J-QC/FMS	0.03	0.03
	5.9		0.00	0.00
J-QC/FFD/RPO	6.5		0.20	0.22
J-QC/FFD/RPO	6.3		0.20	0.22
	4.8	J-QC/FMS	1.20	1.20
	4.9		0.00	0.49
	3.7		0.00	0.73
	3.6		0.00	0.73
	<0.09	KJ-QC	0.00	0.00

	3.7	BJ-QC/FBK/FFB	0.55	0.64
	4.2	B/FBK	0.00	0.00
	3.5	B/FBK	0.00	0.00
	4.3		0.00	0.00
	3.7		0.00	0.00
	2.8		0.00	0.03
	3.7	J-QC/FFD/RPO	0.73	0.73
	2.2	J-QC/FFD/RPO	0.73	0.73
J/LLS	3.1	J-QC/FFB	0.00	0.00
	2.4		0.06	0.07
	2.6		0.06	0.07
J-QC/LLS	5.1	J-QC	0.00	1.86
	6.6		0.01	1.60

Station #9 Second River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 9, 2003	10:10	7.00	5.6	12.67
2004				
January 8, 2004	11:00	6.85	4.0	12.01
February 10, 2004	09:50	6.81	6.5	13.13
February 19, 2004	10:35	6.92	1.9	12.82
March 10, 2004	09:55	6.84	7.1	14.36
March 18, 2004	10:00	7.93	5.9	13.75
April 14, 2004	10:00	7.11	11.3	11.50
April 28, 2004	12:00	8.38	13.4	11.42
May 6, 2004	10:10	6.83	13.0	12.56
May 10, 2004	10:10	7.84	15.1	12.58
May 17, 2004	10:15	7.65	16.7	9.45
May 24, 2004	10:30	7.46	17.8	10.42
June 3, 2004	10:20	7.62	—	6.40
June 7, 2004	10:15	7.60	15.9	10.12
June 14, 2004	09:55	7.61	—	9.00
June 21, 2004	10:40	7.78	17.2	10.06
June 30, 2004	10:30	7.81	18.4	—
July 8, 2004	10:30	8.12	20.5	6.77
July 19, 2004	10:10	7.98	19.6	8.90
July 26, 2004	10:50	8.19	21.0	13.00
August 2, 2004	10:50	7.87	—	—
August 9, 2004	09:55	6.04	18.62	9.15
August 16, 2004	09:50	7.11	19.99	7.82
August 23, 2004	10:35	7.65	18.46	9.87
August 30, 2004	10:40	—	21.28	7.76
September 13, 2004	10:30	7.20	—	—
September 20, 2004	10:05	7.07	15.5	9.82
September 27, 2004	10:30	6.84	17.72	10.29
October 6, 2004	10:10	—	13.32	11.49
October 20, 2004	10:20	—	12.6	9.13
November 3, 2004	10:21	8.00	12.5	11.29
November 16, 2004	10:45	—	10.3	11.66
November 30, 2004	09:55	8.32	9.86	12.02
December 14, 2004	10:10	8.01	7.89	11.92
2005				
January 12, 2005	10:06	7.40	6.03	14.74
February 9, 2005	10:28	7.01	8.32	13.43
February 16, 2005	11:15	—	8.77	12.50
March 3, 2005	11:10	—	5.41	17.22
March 16, 2005	11:35	8.06	8.30	21.82
April 6, 2005	11:30	8.35	12.1	12.46
April 21, 2005	10:55	9.08	15.01	13.22
May 5, 2005	10:22	7.71	12.5	—
May 10, 2005	10:25	7.62	14.6	—
May 24, 2005	10:15	7.36	12.7	—

June 7, 2005	10:05	7.16	20.2	—
June 13, 2005	10:13	8.17	21.8	—
June 21, 2005	10:01	7.68	18.9	—
June 27, 2005	10:17	7.62	20.63	9.23
July 6, 2005	10:45	8.05	22.0	—
July 13, 2005	10:58	7.53	19.83	9.85
July 18, 2005	11:07	7.71	21.10	8.72
July 26, 2005	10:36	7.64	22.7	—
August 1, 2005	10:28	7.48	21.7	—
August 8, 2005	10:08	—	21.73	9.09
August 15, 2005	10:44	7.29	23.0	—
August 23, 2005	10:29	8.05	20.9	—
September 1, 2005	10:45	—	26.2	—
September 12, 2005	10:07	—	19.9	—
September 20, 2005	10:12	—	21.5	—
September 29, 2005	10:19	—	20.9	—
October 25, 2005	09:24	—	11.2	10.48
November 9, 2005	09:56	7.21	12.2	10.13
November 29, 2005	09:58	—	13.1	10.54
December 13, 2005	10:14	8.18	4.3	13.49
2006				
January 10, 2006	10:24	7.81	8.93	12.26
January 24, 2006	10:24	7.88	6.6	13.33
February 9, 2006	09:43	8.27	5.72	15.68
February 21, 2006	10:04	8.25	6.30	14.88
March 9, 2006	09:53	8.09	8.31	12.57
March 23, 2006	10:43	8.79	9.38	17.63
April 6, 2006	11:18	8.63	11.80	15.93
April 20, 2006	10:42	8.78	15.11	10.36
May 4, 2006	10:32	7.83	15.6	11.06
May 10, 2006	10:10	7.70	13.5	10.37
May 15, 2006	10:05	7.80	13.3	9.39
May 25, 2006	10:24	8.03	15.14	10.83
May 30, 2006	10:25	8.02	19.50	10.30
June 8, 2006	10:08	7.68	16.01	9.84
June 13, 2006	10:15	8.06	16.81	9.89
June 22, 2006	10:05	7.95	18.57	8.94
June 29, 2006	10:19	8.06	20.09	9.83
July 6, 2006	09:50	7.57	19.78	9.56
July 12, 2006	10:12	8.02	20.71	9.26
July 18, 2006	09:50	8.07	21.76	9.32
July 27, 2006	10:17	8.14	21.34	9.45
August 3, 2006	10:01	7.94	23.43	9.04
August 10, 2006	10:39	8.19	21.24	10.78
August 15, 2006	10:52	7.58	22.15	—
August 23, 2006	09:48	7.97	20.18	10.03
August 29, 2006	10:12	7.70	20.32	8.90
September 5, 2006	10:15	7.85	17.97	10.22
September 11, 2006	09:51	7.86	17.06	11.39
September 18, 2006	10:18	7.86	18.83	10.83

September 28, 2006		10:06	7.97	16.88	12.23
October 12, 2006		10:40	7.63	16.54	10.86
October 25, 2006		11:06	8.01	11.39	11.15
November 21, 2006		10:06	7.93	9.78	11.98
December 6, 2006		10:30	8.09	7.87	13.74
December 20, 2006		10:41	8.15	8.03	15.26
2007					
January 3, 2007		09:48	7.73	7.84	13.81
January 18, 2007		10:48	7.74	6.75	12.48
January 31, 2007		10:47	7.93	5.13	14.24
February 15, 2007		11:15	8.20	2.91	16.55
February 28, 2007		11:04	8.34	7.84	13.99
March 14, 2007		10:19	7.98	9.77	13.91
March 28, 2007		10:35	8.62	12.34	16.05
April 23, 2007		12:14	7.74	15.12	12.93
May 3, 2007		10:37	8.02	13.16	12.41
May 9, 2007		10:25	8.15	14.65	13.14
May 14, 2007		11:42	8.18	14.39	12.34
May 23, 2007		10:57	7.97	15.42	11.45
May 31, 2007		10:48	8.12	17.97	11.37
June 5, 2007		10:07	7.62	17.67	9.36
June 14, 2007		10:30	7.87	15.30	9.60
June 20, 2007	A	10:29	7.54	19.83	7.37
June 20, 2007	B	10:29	—	—	—
June 28, 2007		10:37	7.66	21.66	8.86
July 11, 2007		10:26	7.92	20.90	10.02
July 26, 2007	A	10:19	7.85	20.23	9.62
July 26, 2007	B	10:19	—	—	—
August 2, 2007		10:32	8.01	21.24	10.40
August 14, 2007		09:49	8.00	19.11	13.09
August 22, 2007		10:50	7.71	17.11	10.61
August 29, 2007	A	10:51	8.17	19.52	10.25
August 29, 2007	B	10:51	—	—	—
September 6, 2007		10:32	8.19	18.88	10.49
September 12, 2007		10:25	8.21	18.96	9.08
September 19, 2007		10:37	8.59	16.34	9.73
September 27, 2007	A	10:39	8.01	19.81	9.34
September 27, 2007	B	10:39	—	—	—
October 11, 2007		10:31	7.97	17.77	9.05
October 22, 2007		10:33	7.84	15.97	10.29
November 20, 2007		10:32	—	10.20	9.42
December 5, 2007		10:46	—	6.32	11.42
December 19, 2007		10:47	—	6.53	12.11
2008					
January 30, 2008		10:43	7.78	6.98	11.78
February 27, 2008		10:36	8.13	7.38	11.63
March 26, 2008		10:29	8.82	9.63	16.04
April 16, 2008		10:15	8.93	11.87	17.72
May 7, 2008		10:51	8.40	15.26	10.07
May 14, 2008		11:00	8.12	14.47	9.90

May 21, 2008		11:19	7.82		13.79		10.09
May 29, 2008		10:45	8.05		15.07		9.29
June 4, 2008		11:33	7.66		17.25		8.62
June 12, 2008		10:36	8.45		19.44		8.89
June 18, 2008		10:29	—		17.44		8.96
June 25, 2008		10:35	—		18.88		8.75
July 2, 2008		10:51	7.90		20.19		9.13
July 10, 2008		11:26	7.95		21.45		9.33
July 14, 2008		10:42	7.93		21.75		8.67
July 23, 2008		10:59	—		22.70		8.52
July 30, 2008	A	10:11	—		20.78		8.45
July 30, 2008	B	10:11	—		—		—
August 6, 2008		10:20	—		21.54		9.27
August 13, 2008	A	10:21	—		19.35		8.89
August 13, 2008	B	10:21	—		—		—
August 20, 2008		10:21	—		18.28		10.97
August 27, 2008	A	10:14	—		18.16		10.61
August 27, 2008	B	10:14	—		—		—
September 16, 2008		09:49	—		18.45		10.07
September 24, 2008		11:05	—		17.02		9.66
November 25, 2008	A	10:11	—		9.02		10.53
November 25, 2008	B	10:11	—		—		—
December 3, 2008		10:35	—		8.03		11.76
2009							
January 29, 2009		10:38	—	NAPEFAI/EQF	3.70		15.53
February 4, 2009		10:52	—	NAPEFAI/EQF	4.32		14.66
March 5, 2009		10:36	—	NAPEFAI/EQF	5.79		17.32
April 7, 2009		10:40	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
May 7, 2009		10:26	—	NAPEFAI/EQF	13.7		9.86
May 13, 2009		11:05	—	NAPEFAI/EQF	14.7		11.02
May 20, 2009		11:48	—	NAPEFAI/EQF	15.9		10.02
May 28, 2009		10:15	—	NAPEFAI/EQF	15.4		9.69
June 10, 2009		10:33	—	NAPEFAI/EQF	16.4		8.54
June 17, 2009		10:42	7.78		16.11		10.03
June 24, 2009		10:31	7.85		17.46		9.81
July 8, 2009		11:28	8.01		18.42		9.32
July 15, 2009		10:32	7.87		17.99		9.71
July 22, 2009		11:00	7.89		19.39		9.44
July 30, 2009		10:30	—	NAPEFAI/EQF	21.44		9.06
August 5, 2009		10:20	7.76		20.41		9.31
August 12, 2009		10:38	7.75		20.71		10.19
August 19, 2009		10:38	7.94		21.87		9.75
August 26, 2009		10:41	8.12		21.06		9.53
September 2, 2009		10:23	7.99		17.61		10.59
September 10, 2009		10:22	8.19		17.20		10.41
September 17, 2009		10:26	7.88		16.23		9.50
September 24, 2009		10:22	8.06		19.57		9.69
October 7, 2009		10:20	7.85		16.67		9.65
November 19, 2009		10:30	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 15, 2009		10:15	7.32		9.53		11.48

2010					
January 6, 2010	10:28	7.39		4.68	12.86
February 4, 2010	10:20	7.80		4.85	13.82
March 11, 2010	10:21	7.83		9.24	13.46
April 6, 2010	10:38	8.11		13.28	13.27
May 3, 2010	10:29	7.03		19.45	9.69
May 12, 2010	10:16	7.37		11.76	10.44
May 18, 2010	10:35	7.74		13.88	9.84
May 26, 2010	10:25	7.95		17.85	10.34
June 3, 2010	10:20	8.00		19.19	10.56
June 10, 2010	10:15	7.86		16.91	9.57
June 16, 2010	10:18	7.89		17.78	10.18
June 23, 2010	11:13	7.87		21.33	9.15
July 1, 2010	11:00	8.10		18.79	9.67
July 8, 2010	10:27	7.87		21.43	8.30
July 14, 2010	10:29	7.29		22.86	7.92
July 21, 2010	10:40	8.30		22.57	9.48
July 28, 2010	10:54	8.39		21.35	9.46
August 4, 2010	10:38	8.35		22.04	9.27
August 11, 2010	11:15	8.58		22.78	9.57
August 18, 2010	10:04	7.97		20.52	11.81
August 26, 2010	10:36	8.04		19.96	9.17
September 1, 2010	09:55	8.15		21.16	9.27
September 9, 2010	10:48	8.22		17.90	9.36
September 15, 2010	10:05	7.97		16.54	10.02
September 22, 2010	10:41	8.26		18.00	9.47
September 29, 2010	10:19	8.00		18.74	9.72
October 6, 2010	10:16	7.91		15.59	9.64
November 18, 2010	10:19	7.55		11.27	11.96
December 8, 2010	11:04	8.16		5.29	15.92
2011					
January 6, 2011	09:57	8.03		4.78	15.02
February 9, 2011	11:09	7.58		3.39	15.45
March 14, 2011	10:02	—	NAPEFAI/EQF	8.24	14.78
April 18, 2011	10:42	7.75		11.54	12.15
May 5, 2011	10:21	8.17		12.94	12.64
May 12, 2011	10:10	8.18		14.92	11.42
May 19, 2011	10:23	7.55		15.35	10.08
May 26, 2011	10:00	7.86		16.25	9.98
June 1, 2011	09:52	7.80		18.23	10.54
June 9, 2011	10:16	8.10		19.59	9.64
June 13, 2011	10:27	8.01		17.71	10.04
June 23, 2011	10:11	7.45		19.40	11.19
June 30, 2011	10:16	7.90		18.65	10.17
July 7, 2011	10:28	7.78		20.56	10.60
July 13, 2011	10:20	8.14		20.99	11.27
July 21, 2011	10:16	8.04		22.25	9.18
July 28, 2011	10:24	8.17		21.03	10.51
August 3, 2011	10:12	8.26		21.03	12.98
August 11, 2011	10:07	8.10		20.48	9.49

August 17, 2011	10:14	7.94		19.81		8.07
August 24, 2011	09:53	8.13		18.69		8.65
September 8, 2011	10:30	—	NAP	—	NAP	—
September 14, 2011	10:18	7.86		19.21		9.61
September 22, 2011	10:03	7.74		18.26		10.54
September 29, 2011	10:09	7.70		19.60		14.58
October 19, 2011	10:41	—	NAP	—	NAP	—
November 16, 2011	10:45	7.76		14.14		10.65
December 8, 2011	10:35	7.27		9.10		11.38
2012						
January 12, 2012	11:34	7.36		7.36		9.72
February 9, 2012	10:22	8.53		6.95		16.47
March 7, 2012	10:19	8.36		8.75		16.22
April 19, 2012	10:25	7.98		14.43		11.57
May 3, 2012	10:32	7.37		12.71		10.47
May 10, 2012	10:11	7.61		15.45		11.02
May 17, 2012	10:12	7.77		15.84		10.28
May 31, 2012	10:22	7.65		18.74		10.71
June 6, 2012	10:26	7.76		15.56		9.08
June 14, 2012	10:07	7.83		18.15		10.12
June 20, 2012	10:30	8.07		19.76		10.08
June 28, 2012	10:22	7.69		19.00		9.31
July 12, 2012	10:23	8.13		21.20		9.70
July 18, 2012	10:05	7.96		22.67		9.38
July 26, 2012	11:04	7.77		21.17		8.13
August 1, 2012	10:35	7.52		21.86		9.16
August 8, 2012	10:30	7.95		21.67		8.89
August 16, 2012	11:14	7.79		21.94		7.56
August 23, 2012	10:30	7.66		20.04		8.36
August 29, 2012	10:44	8.01		20.51		5.46
September 6, 2012	10:49	7.74		20.94		8.14
September 13, 2012	10:34	7.88		18.70		9.05
September 19, 2012	10:09	7.91		18.43		8.56
September 24, 2012	10:22	8.06		16.10		10.43
October 18, 2012	09:52	8.07	[redacted]	12.98		14.08
November 5, 2012	09:30	8.72	[redacted]	9.96		17.07
November 7, 2012	09:35	8.63	[redacted]	8.34		16.92
November 8, 2012	09:45	7.81	[redacted]	7.97		16.99
November 9, 2012	09:43	8.67	[redacted]	8.37		18.05
November 14, 2012	10:02	8.65	[redacted]	9.30		11.78
November 15, 2012	10:06	8.79	[redacted]	9.28		19.76
November 28, 2012	09:18	8.18		6.94		16.35
December 13, 2012	08:41	8.62		6.80		12.00
2013						
January 16, 2013	09:15	7.94	[redacted]	3.42		14.22
February 11, 2013	09:16	—	NA	—	NA	—
February 26, 2013	08:50	8.23	[redacted]	6.47		16.66
March 4, 2013	11:16	8.36	[redacted]	6.42		16.21
March 21, 2013	09:00	7.33	[redacted]	6.39		12.94
April 10, 2013	10:16	8.63	[redacted]	15.04		19.31

April 18, 2013	10:24	7.93		13.07		17.46
April 30, 2013	10:20	7.86		13.43		9.89
May 2, 2013	10:28	7.92		14.73		10.83
May 6, 2013	10:16	8.09		13.52		15.01
May 15, 2013	10:14	7.42		13.78		13.02
May 23, 2013	11:30	7.41		18.46		12.16
May 30, 2013	10:17	7.22		18.23		12.77
June 5, 2013	10:50	7.48		17.29		10.62
June 12, 2013	10:16	7.28		17.38		15.53
June 19, 2013	10:49	7.28		18.15		14.82
June 26, 2013	10:44	7.51		20.61		14.01
July 2, 2013	09:54	7.50		20.23		18.95
July 10, 2013	10:47	7.37		21.67		12.29
July 17, 2013	10:56	7.72		22.93		12.60
July 24, 2013	10:47	8.09		22.27		13.08
July 31, 2013	10:35	7.68		20.19		10.21
August 7, 2013	10:45	7.72		19.48		9.07
August 14, 2013	10:25	7.50		19.07		9.07
August 21, 2013	09:52	8.13		20.27		10.17
August 28, 2013	10:38	8.18		21.15		9.94
September 5, 2013	10:07	8.22		19.31		9.77
September 18, 2013	10:37	8.25		15.36		11.09
September 26, 2013	10:20	8.25		15.84		11.17
October 16, 2013	10:05	8.01		15.01		10.48
November 14, 2013	10:12	6.39		7.47		12.74
December 9, 2013	11:12	5.78		5.32		13.00
2014						
February 10, 2014	11:04	5.53		3.54		16.41
March 12, 2014	10:11	6.68		7.61		16.35
April 3, 2014	10:22	7.00		10.05		14.05
May 7, 2014	10:23	6.35		13.81		10.54
May 15, 2014	10:27	6.79		15.04		9.94
May 21, 2014	10:44	7.34		15.01		11.59
June 4, 2014	10:41	7.54		18.38		9.72
June 11, 2014	10:45	7.15		16.18		9.66
June 18, 2014	10:50	7.74		19.67		9.79
June 26, 2014	10:41	7.82		21.13		9.09
July 2, 2014	11:27	7.96		21.64		9.72
July 9, 2014	10:48	7.39		20.08		9.33
August 6, 2014	10:34	7.81		19.88		9.84
August 13, 2014	10:30	6.64		20.55		9.35
August 20, 2014	10:42	7.71		19.66		9.95
August 25, 2014	11:11	7.96		19.35		10.08
September 4, 2014	10:51	8.19		20.07		9.22
September 16, 2014	10:38	—	NA	—	NA	—
September 30, 2014	10:27	7.72		17.57		9.43
October 8, 2014	10:41	7.47		16.84		10.00
November 18, 2014	10:21	6.32		6.73		13.29
December 10, 2014	10:47	5.46		7.69		12.37

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	100.2	1.7	—	4
[redacted]				
	94.1	0.4	—	1
	106.4	0.5	—	2
	92.8	0.3	—	5
	116.3	0.4	—	1
	111.3	2.2	—	2
	103.5	0.3	—	4
	108.4	0.4	—	1
	118.2	0.4	—	4
	125.0	0.4	—	4
	96.4	0.4	—	3
	110.3	0.4	—	2
	—	—	—	2
	102.6	—	—	1
	—	—	—	2
	104.6	—	—	<1
	—	—	—	<1
	75.4	—	—	—
	97.1	—	—	8
	141.4	0.5	—	3
	—	—	—	—
	98.2	0.43	—	<1
	86.1	0.17	—	4
	105.5	0.40	—	5
	87.5	0.40	—	4
	—	—	—	2
	97.4	0.5	—	<1
	108.4	0.38	—	1
	110.2	0.39	—	<1
	87.2	0.3	—	2
	106.1	—	—	2
	102.9	—	—	1
	105.5	0.04	—	1
	101.1	0.38	—	<1
[redacted]				
	117.4	0.32	—	8
	114.8	0.52	—	2
	107.7	0.44	—	<1
	136.0	0.86	—	4
	182.2	0.52	—	2
	116.0	0.4	—	<1
	130.5	0.10	—	3
	—	—	—	2
	—	—	—	4
	—	—	—	7

—	—	—	<1
—	—	—	2
—	—	—	3
103.8	0.39	—	8
—	—	—	2
108.4	0.40	—	4
98.2	0.38	—	3
—	—	—	2
—	—	—	<1
103.3	0.38	—	4
—	—	—	<1
—	—	—	5
—	—	—	2
—	—	—	4
—	—	—	43
—	—	—	2
95.4	0.0	—	9
95.1	0.4	—	2
100.4	0.0	—	<1
104.1	0.2	—	22
[redacted]			
106.1	0.38	—	2
110.2	0.0	—	4
125.7	0.42	—	2
121.3	0.47	—	2
106.8	0.01	—	2
154.5	0.32	—	3
144.9	0.42	—	2
102.7	0.21	—	2
113.9	0.3	—	6
99.7	0.0	—	4
90.5	0.2	—	16
107.6	0.02	—	3
111.5	0.40	—	2
99.8	0.26	—	1
102.0	0.41	—	2
95.6	0.42	—	1
108.3	0.38	—	1
105.1	0.10	—	2
103.3	0.42	—	2
106.4	0.40	—	1
106.9	0.39	—	4
106.1	0.38	—	4
121.7	0.38	—	1
94.9	0.15	—	7
110.9	0.40	—	2
99.9	0.36	—	6
108.2	0.39	—	2
118.4	0.41	—	2
116.5	0.40	—	1

126.9	0.39	—	2
110.7	0.20	—	2
102.3	0.36	—	2
105.6	0.27	—	2
115.9	0.36	—	3
129.2	0.41	—	2
[redacted]			
116.4	0.17	—	2
102.5	0.40	—	12
112.7	0.94	—	2
124.6	2.10	—	10
118.3	0.99	—	2
123.3	0.50	—	1
151.3	0.55	—	<1
128.9	0.50	—	3
118.5	0.42	—	<1
129.7	0.44	—	2
121.1	0.45	—	<1
114.9	0.48	—	2
120.3	0.46	—	<1
98.4	0.42	—	2
96.0	0.48	—	6
80.7	0.22	—	4
—	—	—	4
100.9	0.25	—	1
112.5	0.45	—	1
106.2	0.45	—	<1
—	—	—	<1
117.6	0.48	—	<1
141.8	0.49	—	<1
110.3	0.39	—	1
112.0	0.50	—	2
—	—	—	1
113.1	0.42	—	2
98.1	0.35	—	<1
99.6	0.44	—	2
102.5	0.43	—	2
—	—	—	<1
95.3	0.42	—	2
104.4	0.42	—	1
84.2	0.29	—	6
92.9	0.40	—	8
99.1	0.91	—	22
[redacted]			
97.3	0.28	—	16
97.2	0.55	—	2
141.4	0.41	—	2
164.2	0.40	—	3
100.7	0.43	—	5
96.6	0.40	—	2

	97.6		0.33		—	2	
	92.4		0.40		—	1	
	89.9		0.17		—	2	
	97.0		0.38		—	2	
	93.9		0.44		—	2	
	94.1		0.41		—	2	
	101.0		0.41		—	8	
	105.7		0.34		—	2	
	98.7		0.13		—	8	
	98.9		0.15		—	6	
	94.5		0.41		—	2	
	—		—		—	3	
	105.2		0.31		—	2	
	96.8		0.44		—	<1	
	—		—		—	1	
	116.7		0.46		—	5	
	112.7		0.47		—	2	
	—		—		—	3	
	107.8		0.42		—	1	
	100.3		0.44		—	2	
	91.1		0.15		—	2	
	—		—		—	2	
	99.8		0.38		—	8	
[redacted]							
	119.0		1.68		—	4	J-QC/FFB/FLDRPO
	115.9		4.01		—	4	
	139.5		1.10		—	3	J-QC/FFD/FLDRPO
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	2	
	94.9		0.2		—	10	
	108.9		0.5		—	2	
	101.2		0.4		—	2	
	98.4		0.4		—	4	
	88.5		0.4		—	<1	K
	102.2		0.44		—	3	
	102.7		0.45		—	2	J-QC/FFD/RPO
	99.6		0.44		—	<1	K
	102.8		0.45		—	1	
	102.8		0.39		—	2	
	102.6		0.29		—	2	
	103.4		0.42		—	<1	K
	113.8		0.44		—	<1	K
	111.3		—	NAPEFAI/EQF	—	2	
	107.3		0.47		—	2	
	111.3		0.47		—	2	
	108.4		0.44		—	6	J-QC/FFD/RPO
	97.0		0.50		—	5	
	105.8		0.46		—	10	
	99.4		0.32		—	3	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	1	
	100.9		0.38		—	2	

100.2	0.52	—	NA	2	J-QC/FFD/RPO
108.8	1.23	—	NA	3	
117.5	0.49	—	NA	4	
127.1	0.47	—	NA	1	J-QC/FLD/RPO
105.5	0.09	—	NA	42	
96.9	0.18	—	NA	4	
95.5	0.42	—	NA	4	
109.1	0.46	—	NA	4	
114.4	0.45	—	NA	4	J-QC/FFB
99.1	0.26	—	NA	2	
107.2	0.44	—	NA	4	
103.5	0.35	—	NA	2	J-QC/FFB
103.9	0.45	—	NA	2	
94.0	0.44	—	NA	2	
92.3	0.16	—	NA	227	J/OUT
109.8	0.42	—	NA	2	
107.1	0.44	—	NA	2	
106.3	0.44	—	NA	2	
111.4	0.46	—	NA	7	
131.5	0.44	—	NA	3	
100.9	0.40	—	NA	<1	K
104.5	0.52	—	NA	3	
98.8	0.47	—	NA	4	J-QC/FFD/RPO
102.9	0.43	—	NA	2	
100.3	0.47	—	NA	2	J-QC/FFD/RPO
104.3	0.38	—	NA	3	
96.9	0.47	—	NA	2	
109.6	0.45	—	NA	2	
126.0	0.51	—	NA	1	
117.5	0.66	—	NA	2	
116.4	0.96	—	NA	1	
125.9	0.54	—	NA	2	
111.9	0.46	—	NA	<1	K
120.5	0.54	—	NA	4	
113.4	0.57	—	NA	2	
100.8	0.32	—	NA	4	
102.0	0.53	—	NA	9	J-QC/FFD/RPO
112.1	0.54	—	NA	<1	K
105.5	0.48	—	NA	1	
105.8	0.48	—	NA	<1	K
120.6	0.40	—	NA	2	
108.7	0.54	—	NA	4	
118.5	0.55	—	NA	2	
127.2	0.47	—	NA	2	
105.7	0.49	—	NA	1	
118.5	0.48	—	NA	2	
146.2	0.51	—	NA	2	
105.4	0.49	—	NA	2	J-QC/FFD/RPO

	88.6		0.48		—	NA	<1	K
	92.8		0.47		—	NA	<1	K
NAP	—	NAP	—	NAP	—	NA	8	
	104.2		0.48		—	NA	2	J-QC/FFD/RPO
	112.2		0.50		—	NA	2	
	159.5		0.36		—	NA	1	J-QC/FFB
NAP	—	NAP	—	NAP	—	NA	27	J-QC/FFD/RPO
	104.0		0.49		—	NA	2	J-QC/FFD/RPO
	98.9		0.15		—	NA	6	J-QC/FFB
[redacted]								
	80.9		0.11		—	NA	19	J-QC/FFD/RPO
	136.8		0.46		—	NA	2	J-QC/FFD/FLDRPO
	139.9		0.44		—	NA	1	
	113.6		0.45		—	NA	3	
	98.9		0.18		—	NA	<1	K
	110.5		0.27		—	NA	<1	K
	104.1		0.45		—	NA	<1	K
	115.1		0.48		—	NA	<1	K
	91.3		0.44		—	NA	2	
	107.4		0.43		—	NA	2	
	110.6		0.49		—	NA	2	
	100.6		0.50		—	NA	<1	K
	109.5		0.49		—	NA	3	J-QC/FFB
	109.0		0.42		—	NA	1	
	91.6		0.33		—	NA	4	
	104.6		0.10		—	NA	4	J-QC/FLD/RPO
	101.2		0.43		—	NA	<1	K
	86.5		0.31		—	NA	<1	K
	92.4		0.30		—	NA	1	
	60.7		0.34		—	NA	<1	K
	91.3		0.31		—	NA	2	
	97.2		0.48		—	NA	<1	K
	92.0		0.21		—	NA	<1	K
	106.3		0.39		—	NA	<1	K
[redacted]	134.5	[redacted]	0.44		—	NA	<1	K
[redacted]	151.4	[redacted]	0.39		—	NA	—	NA
[redacted]	144.7	[redacted]	0.42		—	NA	—	NA
[redacted]	149.8	[redacted]	1.83		—	NA	—	NA
[redacted]	157.6	[redacted]	1.30		—	NA	—	NA
[redacted]	103.1	[redacted]	0.52		—	NA	—	NA
[redacted]	173.6	[redacted]	0.50		—	NA	—	NA
	136.5		2.74		—	NA	6	J-QC/FFD/FLDRPO
	98.7		0.50		—	NA	<1	KJ-QC/FLD/RPO
[redacted]								
[redacted]	108.7	[redacted]	1.35		—	NA	31	
NA	—	NA	—	NA	—	NA	157	
[redacted]	135.9	[redacted]	0.51		—	NA	—	NA
[redacted]	132.1	[redacted]	0.46		—	NA	2	
[redacted]	105.5	[redacted]	0.58		—	NA	—	NA
[redacted]	193.6	[redacted]	0.47		—	NA	3	

[redacted]	164.2	[redacted]	0.48		—	NA	—	NA
	95.1		0.39		—	NA	—	NA
	107.1		0.44		—	NA	<1	K
[redacted]	144.2	[redacted]	0.46		—	NA	<1	K
	125.2		0.51		—	NA	3	
	130.0		0.44		—	NA	2	J-QC/FLD/RPO
	135.6		0.43		—	NA	2	
	111.0		0.44		—	NA	2	
	162.3		0.43		—	NA	2	J-QC/FFB
	156.8		0.40		—	NA	3	
	156.2		0.51		—	NA	4	
[redacted]	210.5	[redacted]	0.35		—	NA	1	
	140.1		0.44		—	NA	<1	K
	147.4		0.44		—	NA	2	J-QC/FFD/RPO
	151.5		0.39		—	NA	3	
	113.0		0.42		—	NA	<1	K
	99.1		0.46		—	NA	1	J-QC/FFB
	98.2		0.39		—	NA	2	
	112.7		0.45		—	NA	<1	K
[redacted]	112.2	[redacted]	0.45		—	NA	<1	K
	106.2		0.44		—	NA	2	J-QC/FFB/FFDRPO
	110.8		0.39		—	NA	2	J-QC/FLD/RPO
	113.1		0.42		—	NA	2	J-QC/FFD/RPO
	104.1		0.37		—	NA	2	
	106.4		0.35		—	NA	2	J-QC/FFD/RPO
	104.3		2.36		—	NA	12	
[redacted]								
	124.8		1.26		—	NA	4	J-QC/FFD/RPO
	137.2		0.48		—	NA	5	J-QC/FFB
	125.0		0.50		—	NA	1	
	101.9		0.16		—	NA	3	
	98.8		0.34		—	NA	4	
	115.3		0.53		—	NA	1	
	103.7		0.47		—	NA	2	
	98.6		0.57		—	NA	2	
	107.3		0.55		—	NA	<1	K
	102.4		0.25		—	NA	3	
	110.6		0.53		—	NA	2	J-QC/FLD/RPO
	103.1		0.53		—	NA	2	
	108.3		0.48		—	NA	2	J-QC/FFB
	104.1		0.15		—	NA	2	
	109.1		0.48		—	NA	1	
	109.9		0.47		—	NA	2	
	101.7		0.49		—	NA	3	
NA	—	NA	—	NA	—	NA	34	
	99.1		0.54		—	NA	1	
	103.2		0.19		—	NA	2	J-QC/FLD/RPO
	109.6		0.33		—	NA	3	J-QC
	103.9		0.39		—	NA	4	J-QC/FFB
[redacted]								

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.53	<2	<0.09	0.041
[redacted]			
0.15	<2	<0.09	0.010
0.36	<2	<0.19	0.030
1.14	7	<0.19	0.025
0.09	2	<0.19	0.022
0.79	2	<0.19	0.025
6.19	2	<0.19	0.023
0.74	2	<0.19	0.015
0.76	2	<0.19	0.048
0.95	2	<0.19	0.033
0.51	2	0.20	0.012
0.59	4	<0.19	0.031
0.66	3	<0.19	0.028
0.46	2	<0.19	0.022
0.69	<2	<0.19	0.035
0.84	2	<0.19	0.019
1.90	<2	<0.19	0.021
1.13	<2	<0.19	0.017
3.97	<2	<0.19	0.018
1.78	7	<0.19	0.036
—	<2	<0.19	0.159
0.69	2	<0.19	0.048
2.25	<2	<0.19	0.051
1.50	3	<0.19	0.015
2.59	3	<0.19	0.050
1.15	<2	3.60	0.030
0.90	<2	<0.19	0.015
0.70	3	<0.19	0.051
0.79	<2	<0.19	0.022
0.79	<2	<0.19	0.038
0.60	<2	<0.19	0.086
0.62	6	<0.19	0.046
0.85	<2	<0.19	0.027
1.36	2	<0.19	0.035
[redacted]			
0.76	<2	<0.19	0.026
<1.00	<2	<0.19	0.031
0.68	<2	<0.19	0.019
0.79	<2	<0.19	0.022
0.99	<2	<0.19	0.026
<1.00	<2	<0.19	0.013
0.94	<2	<0.19	0.033
0.46	<2	<0.19	0.032
0.68	<2	—	0.035
1.14	<2	<0.27	0.083

1.15	—	<0.27	0.034
0.91	<2	<0.27	0.042
1.12	—	<0.27	0.127
0.77	3	<0.27	0.081
1.23	—	<0.27	0.133
1.30	<2	<0.27	0.146
2.00	—	<0.27	0.178
1.74	3	<0.27	—
0.96	<2	<0.27	0.058
1.03	<2	<0.27	0.027
2.33	<2	<0.27	0.038
0.68	4	<0.27	0.037
1.59	<2	<0.27	0.011
1.11	<2	<0.27	0.031
0.89	<2	<0.27	0.047
0.68	<2	<0.27	<0.010
0.83	3	<0.27	0.010
0.52	3	<0.27	0.050
0.79	<2	<0.27	0.030
<1.00	<2	<0.27	0.030
[redacted]			
0.61	6	<0.27	0.02
0.65	<2	<0.27	0.013
<1.00	4	<0.27	0.018
1.56	4	<0.27	0.023
<1.00	<2	<0.27	0.034
0.76	<2	<0.27	0.032
<1.00	3	<0.27	0.027
1.14	3	<0.295	0.036
1.44	<2	<0.295	0.038
0.91	—	<0.295	0.059
2.42	—	<0.295	0.025
0.91	<2	<0.295	0.034
1.18	5	<0.295	0.036
1.19	<2	<0.295	0.024
0.69	<2	<0.295	0.029
0.85	<2	<0.295	0.032
0.69	<2	<0.295	0.026
0.76	<2	<0.295	0.013
0.48	—	<0.295	0.018
0.33	—	<0.295	0.019
0.66	<2	<0.295	0.026
1.61	<2	<0.295	0.020
<0.30	—	<0.295	0.022
2.08	11	0.65	0.043
1.03	<2	<0.295	0.029
2.29	<2	<0.295	0.049
<1.00	4	<0.295	0.020
0.49	<2	<0.295	0.026
<1.00	<2	<0.295	0.029

0.62	—	<0.295	—
0.62	5	<0.295	0.018
<1.00	<2	<0.295	0.025
1.07	—	<0.295	0.029
1.16	<2	<0.295	0.053
1.02	<2	<0.295	0.129
[redacted]			
0.48	<2	<0.295	0.031
6.24	9	<0.295	0.067
0.74	<2	<0.295	0.035
0.73	4	<0.295	0.032
0.81	<2	<0.295	0.022
0.66	<2	<0.295	0.012
0.39	<2	<0.039	0.020
0.34	<2	0.069	0.014
0.46	—	0.056	0.015
0.38	<2	0.046	0.011
0.42	<2	0.051	0.025
<0.30	<2	0.074	0.027
0.48	<2	<0.039	0.044
0.66	<2	0.227	0.029
0.74	<2	<0.039	0.054
—	5	0.157	0.040
0.95	6	0.139	0.039
0.73	3	<0.039	0.019
0.32	<2	0.069	0.045
0.33	<2	<0.039	0.012
<0.30	<2	<0.039	0.010
1.13	<2	0.125	0.016
<0.30	<2	0.047	0.017
0.68	<2	0.088	0.017
0.51	<2	0.042	0.020
0.43	<2	<0.039	0.020
0.91	<2	<0.039	0.020
0.52	<2	0.042	0.011
0.56	<2	0.151	0.017
0.96	<2	0.064	0.017
0.92	<2	0.051	0.015
0.93	<2	0.214	0.009
0.68	<2	0.133	—
0.54	2	<0.039	0.022
0.47	<2	0.245	0.016
0.58	<2	0.220	0.013
[redacted]			
1.86	5	0.340	0.054
1.29	<2	0.094	0.017
0.58	<2	0.021 J-R	0.015
0.74	<2	0.060	0.026
0.88	<2	0.072	0.036
0.58	<2	0.085	0.032

1.09		<2		0.162		0.036
<0.30		<2		0.051		0.049
1.34		<2		0.072		0.037
0.40		<2		0.104		0.020
0.57		<2		0.077		0.023
0.73		<2		0.162		0.042
0.61		<2		0.135		0.041
0.89		<2		0.077		0.026
1.11		<2		0.108		0.024
1.33		4		0.199		0.043
0.80		<2		0.027	J-R	0.012
0.67		<2		0.036		0.013
2.02		<2		0.131		0.043
0.50		<2		0.063		0.013
0.53		<2		0.050		0.012
0.44		<2		0.041		0.051
0.53		<2		<0.017		0.053
<0.30		<2		<0.017		0.055
0.86		<2		0.110		0.050
0.62		<2		0.081		0.078
1.02		5		0.172		0.026
1.01		5		0.157		0.024
0.81		<2		0.333		0.049
[redacted]						
1.35	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.387	J-QC/FSL	0.043
1.50	BJ-QC/FBK/FFBFLS	<2	K	0.316	J-QC/FMS	0.074
1.61	BJ-QC/FBK/FFB	<2	K	0.402		0.027
0.89	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.219		0.037
1.60	BJ-QC/FBK/FFB	<2	K	0.115		0.040
0.82	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.018	KJ-QC/FMS	0.032
0.66	BJ-QC/FBK/FFBFLS	<2	K	<0.018	KJ-QC/FFD/RPOFMS	0.054
0.81	BJ-QC/FBK/FFB	4		0.057		0.056
0.77		<2	K	0.047		0.026
0.48		<2	K	0.115		0.035
1.04	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.130		0.033
<0.30	KB/FBK	<2	K	<0.018	K	0.024
0.48	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.018	KJ-QC/FFD/RPO	0.024
0.56	J-QC/FFB	4	J-QC/FLS	<0.018	KJ-QC/FFD/RPO	0.018
1.14	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.066		0.017
0.62	BJ-QC/FBK/FLDRPO	<2	K	<0.018	K	0.014
0.46	BJ-QC/FBK/FLDRPOFLS	<2	K	<0.018	K	0.015
1.76	BJ-QC/FBK/FFBFLS	—	NAP	<0.018	KJ-QC/FMS	0.049
0.93	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.017
0.79	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.024
1.81	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	<0.018	K	0.019
0.82	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.041		0.025
1.18	J-QC/FLS	<2	K	<0.018	K	0.006
1.28	BJ-QC/FBK/FFBFLDRPO	4	J-QC/FLS	<0.018	K	0.019
1.14	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.080
1.20	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.011

0.74	BJ-QC/FBK/FFBFLS	<2	K	0.122	J-QC/FFD/RPO	0.020
0.86	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FFB/FLS	0.125		0.024
1.23	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFD/RPOFLS	0.075		0.0176
1.01	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0175	K	0.0121
2.41	BJ-QC/FBK/FFB	5	J-QC/FLS	0.252	J-QC/FFB	0.0253
1.92	BJ-QC/FBK/FFBFLS	5		0.050		0.0285
0.33	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	3	J-QC/FLS	<0.0175	K	0.0539
1.42	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.045	J-QC/FFB	0.0202
1.66	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.035		0.0312
1.58	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.050		0.0257
1.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.070		0.0406
2.38	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.096	J-QC/FFB	0.0440
1.50	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0618
1.35	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0270
4.22	BJ-QC/FBK/FFBFLS	8	J-QC/FLS	0.146		0.0359
1.32	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	K	0.0228
1.20	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	<0.0175	K	0.0140
1.04	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0102
1.22	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0109
1.37	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0175	KJ-QC/FSL	0.0164
1.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0175	K	0.0172
1.17	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.0086
1.36	BJ-QC/FBK/FFBFLS	3	J-QC/FFB/FLS	0.052		0.0167
1.51	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0087
1.37	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.063	J-QC/FFD/RPO	0.0129
1.52	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0156
1.07	BJ-QC/FBK/FFBFLS	<2	K	0.042	J-QC/FFD/RPO	0.0159
1.82	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.070		0.0100
1.78	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.226		0.0266
1.89	BJ-QC/FBK/FFBFLS	<2	K	0.226		0.0554
1.32	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.199		0.0302
1.23	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0293	K	0.0072
1.12	BJ-QC/FBK/FFBFLS	<2	K	0.078		<0.0014
1.38	BJ-QC/FBK/FFB	<2	K	0.060	J-QC/FMS	0.0182
0.90	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0293	KJ-QC/FFD/RPOFMS	0.0360
1.39	BJ-QC/FBK/FFBFLS	<2	K	0.060		0.0283
1.23	BJ-QC/FBK/FFB	<2	K	0.071		0.0118
0.93	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.093		0.0217
1.40	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.109		0.0242
0.83	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.065		0.0197
1.46	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.093		0.0217
1.25	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.038	J-RJ-QC/FMS	0.0362
<0.30	KB-JQC/FBK/FFBFLS	<2	KJ-QC/FLS	0.416	J-QC/FFB	0.0491
1.10	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0293	KJ-QC/FFD/RPO	0.0292
1.08	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.218	J-QC/FFB/FFDRPO	0.0281
0.90	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.038	J-RJ-QC/FFB	0.0541
0.74	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.087	J-QC/FFB	0.0142
1.34	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.044	J-RJ-QC/FFB	0.0139

1.21	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.076		0.0213
0.92	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.163		0.0172
2.33	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.316		0.0234
1.17	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.096		0.0196
0.96	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.034	J-RJ-QC/FMS	0.0254
1.07	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FFB	0.077		0.0262
2.68	BJ-QC/FBK/FFBFLS	6		0.257		0.0344
1.87	BJ-QC/FBK/FFB	<2	K	0.201		0.0399
1.68	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.103		0.0316
[redacted]						
1.79	BJ-QC/FBK/FFB	<2	KJ-QC/FFB/FFDRPOFLS	0.123		0.0190
1.17	BJ-QC/FBK/FFB	<2	KJ-QC/FFB/FLS	0.082	J-QC/FMS	0.0161
1.61	BJ-QC/FBK/FFBFLS	<2	K	<0.0378	KJ-QC/FMS	0.0166
1.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.173		0.0382
1.39	BJ-QC/FBK/FFBFLS	3	J-QC/FFB/FLS	0.183		0.0228
1.99	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.073	J-RJ-QC/FFB/FMS	0.0289
1.43	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0378	KJ-QC/FMS	0.0183
1.21	BJ-QC/FBK/FFBFLS	<2	K	<0.0378	KJ-QC/FMS	0.0271
1.17	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0378	K	0.0289
1.13	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.058	J-RJ-QC/FMS	0.0294
0.87	BJ-QC/FBK/FFBFLS	6		0.110		0.0229
1.32	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.225	J-QC/FMS	0.0737
1.16	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.058	J-RJ-QC/FMS	0.0273
1.50	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	KJ-QC/FMS	0.0179
2.21	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	5	J-QC/FLS	0.201	J-QC/FMS	0.0430
1.93	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.111		0.0252
1.34	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	0.058	J-RJ-QC/FSL	0.0157
1.34	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.048	J-R	0.0162
1.99	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	<0.0378	K	0.0301
1.42	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	<0.0378	K	0.0308
1.23	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	<0.0378	K	0.0275
0.82	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FSL	0.0135
1.30	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	K	0.0066
1.01	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0378	K	0.0175
1.05	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	<0.0378	K	0.0171
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NRP	0.100		0.0393
—	NA	3	J-QC/FLS	0.348		0.0141
[redacted]						
—	NA	4	J-QC/FMS	0.156	J/LLS	0.0288
—	NA	7	J-QC/FMS	0.473	J-QC/LLS/FMS	0.0515
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.046	J-QC/FMS	0.0117
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0439

—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	K	<0.0217	K	0.0358
—	NA	<2	KJ-QC/FMS	<0.0217	K	0.0451
1.32	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.023	J-RJ-QC/LLS/FSLFMS	0.0175
1.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0217	K	0.0188
1.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.028	J-RJ-QC/LLS/FMS	0.0277
1.26	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	<0.0217	K	0.0402
1.23	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.040	J-RJ-QC/LLS/FSL	0.0219
1.39	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.023	J-RJ-QC/LLS/FMS	0.0215
1.61	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	3	J-QC/FMS	<0.0217	K	0.0249
1.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QCJ-HT/FMS/EHT	<0.0911	KJ-QC/FMS	0.0169
1.52	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0202
0.99	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0224
0.78	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0218
0.85	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	<0.0911	K	0.0082
0.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC	0.0090
0.73	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0072
1.13	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FMS	<0.0911	K	0.0098
1.81	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0152
1.08	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0223
0.85	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.127	J-R/LLS	0.0174
1.15	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	<0.0911	KJ-QC/FFD/RPO	0.0132
1.08	BJ-QC/FBK/FFBFLS	<2	K	0.175	J-R/LLS	0.0213
1.19	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.163	J-R/LLS	0.0259
1.52	BJ-QC/FBK/FFBFLS	4	J-QC/FMS	0.413		0.0306
[redacted]						
1.33	BJ-QCJ-HT/FBK/FFB	<2	KJ-QC	0.242	J/LLS	0.0321
1.67	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.330	J/LLS	0.0367
1.19	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.080	J/LLS	0.0155
1.09	BJ-QC/FBK/FFBFMS	<2	K	0.034	J-R/LLS	0.0125
2.35	BJ-QC/FBK/FFB	5		0.568		0.0869
1.49	BJ-QC/FBK/FFB	<2	K	0.131	J/LLS	0.0538
1.99	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.040	J-RJ-QC/LLS/FSL	0.0496
1.83	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.091	J-QC/LLS/FFB	0.0321
1.33	BJ-QC/FBK/FFBFMS	<2	K	0.097	J-QC/LLS/FFB	0.0406
6.08	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	KJ-QC/FLS	—	NRP/LBF	0.0246
1.22	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0419
1.42	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0238
1.35	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	KJ-QC/FMS	0.0280
1.54	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC/FLS	<0.0267	K	0.0209
1.00	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0290
1.09	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	<0.0267	K	0.0620
1.09	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	K	0.0107
0.89	BJ-QCJ-HT/FBK/FFBFMS	7		0.153	J/LLS	0.0261
1.22	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	<0.0267	KJ-QC/FSL	0.0286
1.80	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC	0.266	J/LLS	0.0157
0.70	BJ-QC/FBK/FFBFMS	—	A/LBF	0.052	J-RJ-QC/LLS	0.0194
1.74	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.137	J/LLS	0.0174
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	2.54	0.125	0.08	0.78
	3.10	0.078	0.06	<0.2
	2.87	0.066	0.06	0.92
	1.96	0.156	0.13	2.08
	2.58	0.084	0.06	5.33
	2.16	0.078	0.15	4.9
	2.55	0.140	0.10	2.2
	2.32	0.073	0.06	<1.07
	2.60	0.117	0.10	6.4
	2.50	0.128	0.34	7.6
	2.80	0.135	0.10	0.9
	2.34	0.132	0.13	2.8
	2.72	0.111	0.12	1.0
	2.83	0.127	0.14	0.8
	3.49	0.182	0.14	2.5
	2.42	0.156	0.14	0.7
	2.91	0.111	0.12	1.3
	2.61	0.178	0.15	2.6
	1.71	0.136	0.17	1.68
	2.89	0.124	0.11	<0.5
	3.05	0.150	0.12	0.61
	2.73	0.159	0.14	0.61
	1.77	0.101	0.11	<0.46
	2.76	0.130	0.14	0.66
	2.69	0.169	0.17	0.88
	2.99	0.175	0.23	0.61
	2.91	0.148	0.15	0.61
	2.97	0.200	0.42	1.22
	2.38	0.157	0.15	<0.46
	2.38	0.150	0.14	0.61
	2.15	0.234	0.23	1.43
	2.01	0.190	0.19	0.2
	2.24	0.263	0.11	<0.47
	2.36	0.108	0.23	<0.46
	1.60	0.098	0.10	0.54
	2.43	0.244	0.10	4.72
	2.37	0.088	0.07	3.77
	2.24	0.092	0.08	8.06
	2.36	0.213	0.10	17.91
	2.80	0.088	0.14	1.87
	2.16	0.073	0.05	23.43
	2.27	0.133	0.11	14.02
	2.44	0.322	0.16	11.16
	2.81	0.211	0.19	—

1.62	0.181	—	—
2.67	0.137	0.16	—
2.58	0.188	—	—
2.07	0.184	0.22	—
1.73	0.161	—	—
2.84	0.092	0.17	—
1.50	0.210	0.18	—
—	0.236	0.17	—
2.04	0.232	0.21	—
2.68	0.188	0.21	—
2.01	0.212	0.17	—
2.61	0.148	0.15	—
2.29	0.127	0.13	—
2.46	0.209	0.19	—
2.59	0.169	0.15	—
1.00	0.097	0.08	—
0.97	0.130	0.17	—
2.59	0.130	0.13	—
2.66	0.070	0.11	—
2.50	0.130	0.12	—
[redacted]			
2.53	0.07	0.09	—
2.21	0.10	0.08	—
2.61	0.071	0.12	—
2.14	0.097	0.08	—
2.47	0.160	0.08	—
2.42	0.095	0.08	—
1.92	0.089	0.07	—
1.90	0.111	0.08	—
2.38	0.749	0.15	—
2.50	0.131	—	—
2.01	0.224	—	—
2.44	0.120	0.14	—
2.26	0.110	0.13	—
1.67	0.230	0.12	—
2.30	0.195	0.13	—
2.33	0.145	0.11	—
2.26	0.115	0.11	—
0.77	0.104	0.11	—
2.45	0.209	—	—
2.41	0.110	—	—
2.22	0.485	0.30	—
2.20	0.273	0.18	—
2.56	0.183	—	—
1.33	0.295	0.27	—
1.76	0.150	0.14	—
2.43	0.193	0.16	—
2.35	0.258	0.12	—
1.80	0.158	0.16	—
2.09	0.146	0.12	—

0.03	0.158	0.15	—
1.47	0.124	0.14	—
2.08	0.130	0.11	—
2.32	0.079	0.09	—
2.75	0.118	0.12	—
2.85	0.134	0.13	—
[redacted]			
2.87	0.119	<0.01	1.0
2.30	0.373	0.39	0.9
2.82	0.110	0.09	2.4
3.27	0.194	0.14	9.4
2.07	0.085	0.09	2.9
2.42	0.077	0.05	1.6
2.68	0.091	0.05	41.7
2.35	0.102	0.06	8.6
2.18	0.054	0.08	20.0
2.41	0.100	—	9.4
2.58	0.100	0.05	8.9
2.53	0.211	0.10	4.9
1.94	0.167	0.13	10.8
2.09	0.124	0.10	3.3
2.82	0.157	0.01	3.3
1.57	0.162	0.09	5.7
1.54	0.142	0.09	6.7
1.28	0.163	0.09	6.0
2.65	0.525	0.11	20.1
2.25	0.177	0.09	6.2
2.16	0.100	0.10	6.0
2.23	0.126	0.04	<3.0
2.47	0.121	0.10	10.6
2.37	0.113	0.09	7.7
2.49	0.170	0.11	3.6
2.61	0.143	0.10	3.8
2.56	0.144	0.09	4.6
2.41	0.131	0.01	4.6
2.68	0.15	0.10	4.6
2.98	0.15	0.13	10.3
3.00	0.17	0.12	10.8
2.36	0.13	0.10	4.5
2.33	0.22	0.11	<3.0
1.61	0.11	0.08	<3.0
1.96	0.09	0.07	<3.0
1.95	0.49	0.07	<3.0
[redacted]			
2.44	0.17	0.14	4.9
2.37	0.08	0.06	1.3
0.893	0.08	0.03	4.2
2.22	0.06	0.04	4.6
2.52	0.11	0.07	5.5
2.67	0.11	0.05	4.6

	1.99		0.21		0.11	4.6
	2.40		—		—	3.6
	0.697		0.16		0.24	5.2
	2.22		0.11		0.10	2.4
	2.77		0.10		0.12	4.8
	1.37		0.41		0.26	4.3
	1.93		0.13		0.11	4.3
	2.02		0.14		0.18	8.8
	1.22		0.20		0.19	4.2
	1.46		0.14		0.15	6.9
J-R	1.24		0.17		0.14	5.2
J-R	1.18		0.10		0.11	5.0
	1.95		0.13		0.11	5.9
J-R	2.36		0.11		0.10	5.2
J-R	2.46		0.11		0.09	5.4
	1.16		0.14		0.16	8.7
	2.72		0.16		0.12	9.4
	2.76		0.14		0.11	9.8
	2.08		0.15		0.14	5.8
	1.18		0.43		0.42	4.4
	1.33		0.19		0.18	6.3
	1.26		0.19		0.16	6.2
	2.00		0.13		0.12	5.9
	2.50		0.08		0.10	5.2
	1.78		0.11	J-QC/FFB	0.07	5.2
	2.17	J-QC/FLS	0.14		0.13	28.8
J-QC/FFB	1.83		0.24	J-QC/FFD/RPO	0.09	27.2
J-QC/FFB	1.27		0.18	J-QC/FFD/RPO	0.17	2.7
	2.59		0.13		0.09	<2.4
J-QC/FFB	2.79		0.11		0.10	<0.4
	2.78	J-QC/FFB	0.16		0.13	0.7
	—	NAP	0.11		0.09	1.2
J-QC/FFB	2.86		0.12		0.09	5.1
	2.22		0.13		0.12	J-QC/FFD/RPO 0.7
	2.58		0.11		0.10	2.8
	1.51	J-QC/FFB	0.10	J-QC/FFD/RPO	<0.05	K 7.2
	2.02		0.17	J-QC/FFB	0.08	7.5
	1.74		0.12	J-QC/FFB	0.10	2.4
	2.41		0.12		0.08	J-QC/FFB 4.8
	1.53		0.12		0.09	2.4
	1.76		0.15		0.12	15.1
	2.46		0.12		0.11	1.9
	2.50		0.12		0.11	1.3
	2.71	J-QC/FFB	0.14		0.09	22.6
J-QC/FFB	2.93		0.10		0.16	JCJ-QC/FFB 2.6
J-R	1.79		0.16		0.14	J-QC/FFB 18.9
J-QC/FFB	1.94		0.15		0.12	9.9
	2.42	J-QC/FFB	0.13		0.11	2.7
	2.20		0.08	J-QC/FFD/RPO	0.07	0.5

	2.27		0.12		0.08	0.6
	2.26		0.07		0.07	1.1
	2.00		0.05		<0.05	K 20.2
J-QC/FLS	2.31		0.05		0.05	41.8
	1.49		0.22		0.14	4.2
	1.13		0.15		0.14	2.4
	2.04		0.10		0.08	6.7
	2.10		0.12		0.10	J-QC/FLD/RPOFLS 15.3
	1.89		0.12		0.08	7.0
	1.52		0.12		0.09	5.9
	2.37		0.13		0.12	7.3
J-QC/FFD/RPO	1.93		0.12		0.08	5.7
	1.81		0.17		0.14	4.0
	2.22		0.16		0.13	3.9
	1.10		0.22	J-QC/FFB	0.19	11.4
	2.27		0.11		0.10	3.1
	2.69		0.13		0.10	J-QC/FLD/RPOFLS 9.2
J-R	2.44		0.10	J-QC/FLD/RPOFLS	0.10	1.8
J-R	2.40		0.13		0.10	7.5
	1.96		0.14		0.12	7.1
	1.94		0.12		0.11	1.9
J-R	2.21		0.13		0.11	3.1
	2.09		0.11		0.08	7.8
J-R	2.65		0.11		0.10	16.3
	2.27		0.12		0.10	5.2
	1.81		0.17	J-QC/FFD/RPO	0.10	3.2
	2.21		0.15		0.09	J-QC/FFD/RPO <1.3
J-R	1.62		0.13		0.09	<1.3
	2.46		0.11		0.09	<1.3
	1.9290		0.12		<0.02	K 1.7
J-QC/FFB	2.5600		0.12	J-QC/FFB	0.07	2.1
	2.7018		0.08	J-QC/FFD/RPO	0.05	<1.3
K	3.1350	J-QC/FFB	0.09		0.09	1.7
	2.0411		0.12		0.06	J-QC/FFB 4.9
	2.3189		0.06		0.05	17.0
	2.0500		0.12		0.12	1.5
J-QC/FFB	1.5795	J-QC/FFB/FLS	0.09		0.07	1.7
J-QC/FFD/RPO	2.7036		0.08		0.07	2.0
	2.0601		0.10		0.08	6.4
	2.3501	J-QC/FLS	0.11		0.08	9.3
	1.2513	J-QC/FLS	0.10		0.08	4.1
J-QC/FFB	1.1028	J-QC/FLS	—	A/LBF	0.07	2.9
J-QC/FFB	2.5834		0.13	J-QC/FFD/FLDRPOFLS	0.10	J-QC/FLS 1.9
	2.2810		0.12		0.12	5.0
J-QC/FFB	2.3518		0.14		0.11	5.3
	2.3825		0.14		0.12	11.9
	1.9675		0.13		0.11	6.72
	2.3675		0.10		—	A/LBF 4.7

	2.3825		0.11		0.08		1.3
	2.4398	J-QC/FFB	0.14		0.10	J-QC/FFB	1.3
	1.4549		0.17	J-QC/FFB	0.17		1.42
	2.8217	J-QC/FFD/RPO	0.09		0.09		2.81
	2.4249		0.12		0.10		107.0
	1.8824		0.09		0.09		1.65
J-QC/FFB/FFDRPO	1.4592		0.16		0.16		12.3
	3.1836		0.10		0.09		2.46
J-QC/FFB	1.7750		0.17	J-QC/FFD/RPO	0.17		1.18
[redacted]							
J-QC/FFB	0.9998		0.14		0.14		5.99
	2.0248	J-QC/FFB	0.05		0.04	J-R	6.20
J-QC/FFB	1.9865		0.05		0.04	J-R	2.35
J-QC/FFB	2.4258	J-QC/FFB	0.09		0.06		3.70
J-QC/FFB	1.0551		0.12		0.09		4.31
J-QC/FFB	1.8626		0.10		0.08		3.71
J-QC/FFB	2.0932	J-QC/FFB	0.09	J-QC/FFB	0.08		8.08
	2.1370		0.13		0.10		1.17
J-QCJ-HT/FFB/EHT	2.0662		0.11		0.07	J-QC/FFD/RPO	2.94
	2.1602		0.11		0.10		2.10
	2.4183	J-HT/EHT	0.10		0.07		1.81
	2.0900	J-QC/FLS	0.14		0.12		7.96
J-QC/FFB	2.1386		0.13		0.12	J-QC/FFB	12.3
J-QC/FFB	2.2300	J-QC/FLS	—	A/LBF	0.13		15.7
	2.1280		0.18		0.12	J-QC/FFB	4.57
	1.2274	J-QC/FLS	0.16	J-QC/FFD/RPO	0.12		4.25
	2.1467		0.12	J-QC/FLS	0.08	J-QC/FLS	3.64
J-QC/FFB	2.1988		0.10		0.09		5.90
J-QC/FFB	2.5435	J-QC/FLS	0.12		0.10		5.19
	1.9015		0.14		0.11		22.8
J-QC/FFB	1.7499	J-QC/FLS	0.14	J-QC/FLS	0.11		6.26
	1.2519		0.13	J-QC/FLS	0.11		2.88
J-QC/FFB	1.3665		0.26	J-QC/FFB	0.11		1.15
	1.6735		0.11		0.10		2.71
	2.3409		0.13		0.11		1.08
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
	1.4040	J-QC/FLS	0.20		0.18		2.09
J-QC/FFB	1.6305		0.11		0.06		2.79
[redacted]							
[redacted]	0.5166	[redacted]	0.22	J-QC/FFD/RPO	0.21	J-QC	2.68
[redacted]	1.0673	J-QC/FFB	0.16	J-QC	0.16	J-QC	9.35
NA	—	NA	—	NA	—	NA	—
[redacted]	1.9171	J-QC/FFB	0.07	J-QC	0.04	J-RJ-QC	6.26
NA	—	NA	—	NA	—	NA	—
J-QC/FFD/RPO	1.4697	[redacted]	0.03	J-RJ-QC	0.03	J-RJ-QC	14.5

NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
[redacted]	1.5600	[redacted]	0.06	[redacted]	0.04	J-RJ-QC	5.99
J-HT/EHT	2.3881	J-QC/FFB	0.08	[redacted]	0.05	J-QC	15.8
[redacted]	1.1510	[redacted]	0.11	[redacted]	0.09		1.60
[redacted]	2.2924	J-QC/FFB/FLS	0.13	[redacted]	0.09	J-QC	1.70
J-QC/FFB	1.9936	[redacted]	0.11	[redacted]	0.12	J-QCJ-HT/EHT	1.40
[redacted]	3.2046	[redacted]	0.12	J-QC/FMS	0.11		5.65
[redacted]	2.4008	[redacted]	0.10	J-QC/FFD/FLDRPO	0.10		1.00
[redacted]	2.1972	[redacted]	0.10	[redacted]	0.09	J-QC	0.446
[redacted]	3.0596	[redacted]	0.11	[redacted]	0.10		1.98
[redacted]	2.0729	J-QC/FLS	0.11	J-QC/FLD/RPOFSL	0.09		0.377
[redacted]	2.6027	[redacted]	0.11	[redacted]	0.09		1.72
[redacted]	2.0436	J-QC/FFB/FLS	0.12	[redacted]	0.19	J-QC/FLD/RPO	2.50
J-QC/FLS	2.2467	J-QC/FFB	0.12	J-QC	0.11		2.25
I-QCJ-HT/LLS/FFBEHT	2.7668	[redacted]	0.10	J-QC/FFD/FLDRPOFMS	0.09		2.75
J-QC/LLS	2.4268	J-QC	0.09	J-QC/FLD/RPO	0.09	J-QC	1.98
J/LLS	1.9034	J-QC/FFB	0.09	J-QC	0.08	J-QC	2.46
J/LLS	2.2384	J-QC/FFB/FLS	0.12	[redacted]	0.11		5.04
J-QC/FFB	2.2105	[redacted]	0.30	J-QC/FMS	0.26		2.09
J-QC/FFB/FFDRPO	1.8390	J-QC/FFB	0.14	[redacted]	0.13		3.83
[redacted]	2.4274	J-QC/FFB	0.15	[redacted]	0.14	J-QC	3.84
[redacted]	2.3536	J-QC/FLS	0.14	[redacted]	0.12		20.0
[redacted]	2.1097	[redacted]	0.21	J-QC	0.16	J-QC	12.7
J-QC/FFB	2.4410	J-QC/FLS	0.13	J-QC	0.11	J-QC	11.4
[redacted]	0.8848	[redacted]	0.19	J-QC/FLD/RPO	0.15		2.64
[redacted]							
J-QC/FFB	2.1791		0.07	J-QC	0.06	J-QC	1.89
J-QC/FFB/FFDRPO	0.1590	J-HT	0.08	J-QC/FFB	0.05		2.65
	2.7866		0.09		0.05		2.72
J-QC/FFB	2.3995		0.06	J-QC/FFB	0.04		4.27
J-QC/FFB	1.9157		0.14	J-QC/FFB/FMS	0.10	J-QC/FFB	3.78
	2.5565	J-QCJ-HT/FLS	0.07		0.05		3.19
J-QC/FFB	1.9909		0.11		0.07		8.57
	2.4599		0.09	J-QC/FMS	0.09		2.85
J-QC/FFB	2.3460		0.12		0.10		3.07
J-QC/FFB	1.2140		0.12	J-QC/FFB	0.10		12.8
J-QC/FFB	2.3843		0.13	J-QC/FFB/FMS	0.11		9.67
J-QCJ-HT/FFB	2.3334	J-QC/FLS	0.12	J-QC/FFB	0.09		2.21
	2.6048		0.12		0.11		7.25
	0.9304		0.14		0.10		32.6
J-QC/FFB	2.6929	J-HT	0.15		0.11		14.6
J-QC/FFB	2.9862		0.11	J-QC/FMS	0.10		10.5
	2.6841		0.10	J-QC/FFB	0.09		10.1
	0.7748		0.19	J-QC/FFB	0.15		14.2
J-QC/FFB	0.2556		0.14		0.10		8.78
J-QC/FFB	0.9870		0.13		0.08	J-QC	9.63
J-QCJ-HT	1.8190	J-QC	0.17	J-QC	0.17	J-QC/FFB	3.22
J-QC/FFB	2.4600		0.11		0.09		3.02
[redacted]							

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	6.7	0.00	0.00
[redacted]			
	4.6	0.00	0.00
	3.6	0.00	0.00
	4.2	0.00	0.00
	2.7	0.00	0.03
	7.9	0.03	0.18
	6.1	0.32	1.41
	6.7	0.07	0.16
	5.0	0.00	0.04
	2.8	0.00	0.03
	3.1	0.00	0.23
	7.9	0.10	0.10
	1.0	0.01	0.01
	<2.0	0.00	0.05
	<5.0	0.00	0.00
	<0.5	0.00	0.00
	1.2	0.00	0.00
	3.6	0.00	0.00
	9.6	0.00	0.00
	—	0.00	0.00
	5.2	0.00	0.18
	5.0	0.00	0.00
	9.9	0.45	0.69
	5.0	0.00	0.00
	<0.5	0.00	0.00
	9.0	0.00	0.00
	8.8	0.00	0.00
	7.2	0.00	0.00
	<0.5	0.00	0.00
	10.3	0.00	0.39
	6.1	0.00	0.00
	4.7	0.00	0.00
	4.9	0.00	0.00
	3.4	0.00	0.00
[redacted]			
	3.0	0.09	0.28
	<0.5	0.01	0.01
	1.3	0.14	0.27
	<0.5	0.00	0.00
	2.6	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.05	0.05

—	0.00	0.40	[redacted]
<0.5	0.00	0.00	[redacted]
—	0.00	0.00	[redacted]
3.1	0.50	0.50	[redacted]
—	0.95	1.78	[redacted]
3.2	0.12	0.12	[redacted]
4.1	0.00	0.40	[redacted]
5.5	0.00	0.07	[redacted]
0.6	0.00	0.00	[redacted]
1.9	0.00	0.00	[redacted]
5.8	0.08	0.66	[redacted]
1.7	0.00	0.00	[redacted]
3.3	0.00	0.03	[redacted]
1.3	0.00	0.00	[redacted]
3.7	0.00	0.00	[redacted]
2.0	0.05	0.05	[redacted]
2.6	0.71	1.51	[redacted]
20.6	0.30	0.30	[redacted]
7.9	0.57	0.57	[redacted]
7.2	0.00	0.00	[redacted]
[redacted]			
6.9	0.00	0.00	
4.8	0.00	0.63	
3.1	0.00	0.00	
<0.5	0.00	0.00	
1.8	0.00	0.00	
1.6	0.00	0.00	
2.4	0.00	0.41	
4.3	0.00	0.00	
5.3	0.00	0.00	
—	0.00	0.00	
—	0.39	0.39	
<0.5	0.00	0.00	
25.0	0.00	0.00	
3.7	0.17	1.04	
2.3	0.00	0.00	
1.4	0.00	0.00	
3.0	0.25	1.44	
1.9	0.33	2.38	
—	1.56	1.56	
—	0.36	0.36	
6.8	0.00	0.00	
4.9	0.15	0.15	
—	1.04	1.04	
16.8	0.02	0.02	
3.9	0.00	0.00	
4.7	0.57	1.19	
<0.5	0.35	0.35	
1.9	0.00	0.00	
2.6	0.00	0.00	

	1.1	0.00	0.00
	37.1	0.55	2.41
	1.3	0.00	0.00
	3.1	0.00	0.00
	<0.5	0.00	0.00
	0.8	0.00	0.00
[redacted]			
	<0.5	0.00	0.01
	2.0	0.02	0.02
	0.7	0.00	0.00
	—	0.00	0.00
	2.6	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.01
	2.3	0.00	0.00
	<0.5	0.00	0.32
	2.0	0.00	0.00
	1.1	0.00	0.02
	1.5	0.00	0.00
	1.2	0.00	0.00
	2.3	0.00	1.63
	2.2	0.00	0.00
	8.8	0.28	0.50
	7.5	0.28	0.50
	6.0	0.19	0.48
	1.3	1.77	1.77
	<0.5	0.00	0.00
	1.0	0.00	0.00
	3.5	0.00	0.00
	2.9	0.00	0.01
	8.0	0.00	1.48
	1.8	0.00	0.00
	2.2	0.00	0.00
	3.5	0.00	0.00
	4.0	0.00	1.09
	9.4	0.00	0.00
	6.2	0.00	0.00
	6.2	0.00	0.00
	7.0	0.65	0.72
	5.7	0.00	0.00
	6.3	0.12	0.42
	1.4	0.00	0.00
	1.3	0.06	0.06
[redacted]			
	12.7	0.09	0.10
J-R	3.1	0.00	0.19
	<0.5	0.00	0.00
	0.8	0.00	0.00
	1.9	0.00	0.00
J-R	5.0	0.00	0.00

J-R	5.9		0.05	0.71
J-R	—		0.00	0.00
	6.5		0.86	0.86
J-R	10.1		0.00	0.00
	4.1		0.09	0.09
J-R	5.7		0.00	0.14
J-R	2.7		0.00	0.00
	12.0		0.00	0.00
J-R	7.3		0.80	0.80
	11.7		1.70	1.70
	4.6		0.00	0.00
	4.5		0.00	0.00
	11.0		0.18	0.18
	1.0		0.00	0.00
	0.7		0.00	0.00
	—		0.00	0.00
	2.1		0.00	0.00
	1.7		0.00	0.00
	<0.5		0.00	0.00
J-R	4.9		0.00	0.00
	6.3		0.44	0.59
	5.9		0.44	0.59
	2.7		0.00	0.00
[redacted]				
	4.2		0.00	1.25
J-HT/EHT	3.7		0.00	0.05
	5.0		0.00	0.00
J-HT/EHT	5.0		0.00	0.78
J-RJ-QC/FFD/RPO	7.8	J-QC/FFD/RPO	1.47	2.10
K	3.3		0.00	0.00
K	4.7		0.00	0.00
J-R	6.6	J-QC/FFB	0.10	0.10
J-R	4.7		0.01	1.73
	14.1	J-QC/FFB	0.00	0.01
J-R	2.5		0.43	0.43
	3.4	J-QC/FFB	0.00	0.08
	4.6		0.00	0.00
	4.6	J-QC/FFB	0.00	1.44
	5.3		0.00	3.33
	3.4	J-QC/FFB	0.00	0.00
	5.0	J-QC/FFB	0.04	0.04
	10.3		0.00	1.13
J-R	4.5	J-QC/FFB	0.00	0.00
J-R	3.8	J-QC/FFB	0.00	0.00
	3.4	J-QC/FFB	0.00	0.00
	3.5	J-QC/FFB	0.02	0.02
	4.4	J-QC/FFB	0.04	0.04
	6.7	J-QC/FFB	0.06	0.06
	2.7	J-QC/FFB	0.21	0.21
J-R	3.9	J-QC/FFB	0.00	0.00

J-R	4.60		0.00	0.00
J-RJ-QC/FFD/RPO	5.80		0.00	0.07
	4.60		0.00	0.00
	3.70		0.00	0.00
J-QC/FFD/RPO	5.58		2.03	2.03
J-R	7.30		0.47	0.47
	6.60	J-QC/FFB	1.43	1.43
	4.49	J-QC/FFB	0.00	0.00
	3.76		0.00	0.00
	5.27	J-QC/FFB	0.02	1.13
	3.03	J-QC/FFB/FFDRPO	0.00	0.00
	8.28	J-QC/FFB	0.00	0.43
	2.30	J-QC/FFB	0.00	0.00
	3.20	J-QC/FFB	0.00	0.00
	7.40	J-QC/FFB	1.69	2.78
	2.10		0.00	0.00
	2.50	J-QC/FFB	0.00	0.00
J-R	2.30	J-QC/FFB	0.01	0.01
	3.20	BJ-QC/FBK/FFB	0.00	0.00
	3.20	J-QC/FFB	0.00	0.00
J-R	3.30	J-QC/FFB	0.00	0.71
	2.30	BJ-QC/FBK/FFB	0.00	0.00
	3.50	J-QC/FFB	0.00	0.00
	2.70	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	1.80	J-QC/FFB	0.09	0.09
J-QC/FFD/RPO	3.60	J-QC/FFB	0.00	0.16
K	2.00	J-QC/FFB	0.00	0.01
K	4.40	J-QC/FFB	0.00	0.15
K	4.40		0.00	0.00
J-R	4.0		0.00	0.00
J-R	4.8	J-QC/FFB	0.00	0.10
KJ-QC/FFD/RPO	3.9	J-QC/FFB	0.00	0.00
J-R	3.0	J-QC/FFB	0.00	0.97
	2.2	BJ-QC/FBK/FFB	0.00	0.57
	30.8	BJ-QC/FBK/FFBFFDFLDRPOFSLOUTSUS	0.00	0.00
J-R	5.1	J-QC/FFD/RPO	0.01	2.40
J-R	2.4		0.00	0.00
	<0.2	K	0.00	0.00
	1.4		0.12	0.12
	<0.2	KJ-QC/FFB	0.04	0.05
	3.0	J-QC/FFB	0.01	0.09
J-QC/FFD/RPO	2.0	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.0	J-QC/FFB	0.00	0.00
	2.2	J-QC/FFB	0.17	0.17
	2.8	J-QC/FFB	0.00	0.00
	2.3	J-QC/FFB	0.00	0.00
	2.4	J-QC/FFB	0.69	0.69
	3.2	J-QC/FFB	0.00	0.00

J-R	3.1	J-QC/FFB	0.00	0.22
J-R	1.2		0.00	0.00
J-R	6.3	J-QC/FFB	1.42	2.78
	2.9	J-QC/FFB	0.00	0.00
	3.8	J-QC/FFB	0.04	0.12
J-R	4.4	J-QC/FFB	1.52	1.59
	7.8	J-QC/FFB	0.99	1.00
	2.1	J-QC/FFB	0.84	0.84
J-R	7.6	J-QC/FFB/FFDRPO	0.23	2.42
[redacted]				
J-QC/FFB	3.8		1.48	1.62
	2.4	J-QC/FFB	0.01	0.03
J-QC/FSL	3.2	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
J-QC/FSL	4.7		0.02	0.02
	4.3	J-QC/FFB	0.91	1.11
	4.7	J-QC/FFB	0.21	0.48
	2.2		0.00	0.18
	2.0	J-QC/FFB	0.00	0.02
	1.6	J-QC/FFB	0.58	0.60
	2.0	B/FBK	0.00	0.93
	1.3	BJ-QC/FBK/FFB	0.00	0.00
	1.1	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPOFSL	1.1	J-QC/FFB	0.00	0.00
	2.5		0.39	0.39
J-QC/FFB	—	A/LBF	0.02	0.04
	6.5		0.23	0.23
	—	NAPEFAI/EQF	0.00	0.00
J-QC/FFD/RPO	3.6		0.00	0.29
J-QC/FSL	3.0		0.00	0.00
	2.2	J-QC/FFD/RPO	0.00	0.12
J-QC/FFD/RPO	1.9	J-QC/FFD/RPO	0.00	0.11
J-QC/FFD/RPO	<0.1	KJ-QC/FFB	0.00	0.00
J-QC/FSL	3.8		0.01	1.01
J-QC/FFD/RPOFSL	2.3		0.00	0.00
	1.8	J-QC/FFB	0.00	0.00
NA	—	NA	0.00	0.00
NA	—	NA	0.05	1.08
NA	—	NA	0.00	0.05
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	8.4	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFB/FFDRPO	<0.1	K	0.00	0.00
[redacted]				
[redacted]	9.85	J-QC/FFB	0.00	0.70
J-QC/FFD/RPO	3.81	J-QC/FFB	0.00	0.42
NA	—	NA	1.33	1.51
J-QC/FFB	2.06	J-QC/FFB	0.00	0.00
NA	—	NA	0.00	0.00
[redacted]	1.8		0.00	0.46

NA	—	NA	0.07	0.10
NA	—	NA	0.00	0.00
J-QC/FFB/FFDRPO	2.5		0.00	0.00
J-QC/FFD/RPO	2.3		0.00	0.00
J-QC/LLS/FFDRPO	1.7	J-QC/FFD/RPO	0.00	0.00
J-QC/LLS/FFDRPO	2.3	J-QC	0.35	0.88
J/LLS	4.8	J-QC	0.00	0.00
[redacted]	2.4		0.18	0.18
J-QC/LLS/FFB	5.5		1.29	1.29
J-RJ-QC/LLS	1.5	J-QC/FFD/FLDRPO	0.00	0.00
J/LLS	2.4	J-QC/FFB/FFDRPO	0.00	0.01
J-RJ-QC/LLS/FSL	4.9	B/FBK	0.02	1.47
J/LLS	2.9	J-QC/FLD/RPO	0.00	0.00
[redacted]	7.8		0.00	0.00
[redacted]	2.3		0.00	0.57
J-QC/FFD/RPO	2.7	J-QC/FFB	0.00	0.00
J-QC/LLS	1.9	J-QC	0.00	0.00
[redacted]	3.1	J-QC	0.00	1.01
J-QC/FFD/RPO	2.2	J-QC	0.00	0.00
J-QC/FFB	3.9		0.85	0.86
J-QC/FFB	3.2	J-QC/FSL	0.00	0.00
J-QC/FFB	1.4	J-QC/FMS	0.00	0.00
[redacted]	<0.25	KBJ-QC/FBK/FLDRPOFSLFMS	0.00	0.00
J-QCJ-HT/FFB/EHT	1.8	J-QC	0.00	0.00
[redacted]	<0.25	KJ-QC	0.00	0.00
[redacted]	5.16		0.44	0.48
[redacted]				
J/LLS	0.5		0.00	0.09
	2.4	BJ-QC/FBK/FFBFFDRPO	0.36	0.36
	3.1		0.03	0.04
	1.8		0.00	0.00
	9.7		0.03	0.03
	3.4	BJ-QC/FBK/FFB	0.00	0.00
	5.5		0.00	0.99
	2.2	J-QC/FMS	0.03	0.03
	35.3	J/SUS/OUT	0.00	0.00
J-QC/FFD/RPO	7.8		0.20	0.22
	0.6	J-QC/FMS	1.20	1.20
	<0.09	K	0.00	0.49
	1.1	J-QC	0.00	0.00
	5.6	BJ-QC/FBK/FFB	0.55	0.64
	1.1		0.00	0.00
	1.2	B/FBK	0.00	0.00
	1.4		0.00	0.00
	6.8	J-QC/FFD/RPO	0.73	0.73
	<0.09	KJ-QC/FFB	0.00	0.00
	4.3		0.06	0.07
J-QC	5.5	J-QC	0.00	1.86
	7.3		0.01	1.60
[redacted]				

[redacted]

Station #10 Clay Street	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 9, 2003	09:45	7.30	1.4	13.96
2004				
January 8, 2004	10:14	6.31	2.2	14.22
February 10, 2004	09:30	6.36	0.9	14.57
February 19, 2004	09:30	6.52	1.8	13.35
March 10, 2004	09:25	6.72	6.4	11.63
March 18, 2004	09:30	6.99	4.9	11.88
April 14, 2004	09:40	6.56	10.0	10.23
April 28, 2004	10:15	6.60	14.0	7.00
May 6, 2004	09:35	6.97	15.7	7.31
May 10, 2004	09:35	6.94	16.4	8.27
May 17, 2004	09:50	6.70	21.3	5.72
May 24, 2004	10:10	7.27	21.6	5.95
June 3, 2004	09:50	7.22	—	5.60
June 7, 2004	09:55	7.22	18.0	7.32
June 14, 2004	09:30	7.24	—	6.40
June 21, 2004	10:20	7.24	23.8	8.48
June 30, 2004	10:15	7.29	23.2	—
July 8, 2004	10:10	7.83	25.5	5.65
July 19, 2004	09:40	7.40	22.9	4.36
July 26, 2004	10:15	7.61	22.5	6.96
August 2, 2004	10:20	7.28	—	—
August 9, 2004	09:30	7.29	22.17	6.10
August 16, 2004	09:34	6.52	22.94	5.14
August 23, 2004	10:07	7.40	22.82	6.96
August 30, 2004	10:15	—	24.65	3.38
September 13, 2004	10:00	6.44	—	—
September 20, 2004	09:45	6.96	17.0	8.94
September 27, 2004	10:10	6.54	20.20	6.87
October 6, 2004	09:55	—	15.79	9.78
October 20, 2004	09:55	—	12.3	9.56
November 3, 2004	10:00	7.80	12.8	11.36
November 16, 2004	10:25	—	7.4	9.30
November 30, 2004	09:35	8.22	8.67	11.81
December 14, 2004	09:40	7.59	6.45	11.83
2005				
January 12, 2005	09:44	7.54	3.74	16.04
February 9, 2005	10:12	6.74	3.74	12.26
February 16, 2005	10:55	—	4.96	11.94
March 3, 2005	10:50	—	2.60	16.28
March 16, 2005	11:10	7.47	5.22	17.53
April 6, 2005	11:10	7.57	9.1	12.48
April 21, 2005	10:30	8.12	16.95	11.34
May 5, 2005	10:02	6.76	14.4	—
May 10, 2005	10:11	6.49	15.0	—
May 24, 2005	09:59	7.02	15.1	—

June 7, 2005	09:49	7.19	23.5	—
June 13, 2005	09:56	7.46	26.7	—
June 21, 2005	09:42	7.14	24.3	—
June 27, 2005	09:54	7.43	25.14	7.09
July 6, 2005	10:25	8.20	26.2	—
July 13, 2005	10:23	7.24	24.52	6.57
July 18, 2005	10:42	7.21	26.07	4.86
July 26, 2005	10:11	7.58	29.4	—
August 1, 2005	10:11	6.82	27.4	—
August 8, 2005	09:42	—	27.24	3.81
August 15, 2005	10:31	8.58	27.2	—
August 23, 2005	10:01	7.15	25.5	—
September 1, 2005	10:27	—	25.1	—
September 12, 2005	09:53	—	23.8	—
September 20, 2005	09:58	—	25.2	—
September 29, 2005	10:06	—	22.5	—
October 25, 2005	09:06	—	11.3	9.45
November 9, 2005	09:39	6.78	12.2	8.55
November 29, 2005	09:42	—	6.2	12.17
December 13, 2005	09:57	6.58	1.9	13.51
2006				
January 10, 2006	10:16	7.37	3.92	13.55
January 24, 2006	09:56	7.11	3.4	14.35
February 9, 2006	09:20	7.65	3.70	15.69
February 21, 2006	09:37	7.55	2.07	15.93
March 9, 2006	09:34	8.10	5.07	15.27
March 23, 2006	10:22	8.20	6.04	13.21
April 6, 2006	10:52	7.57	11.04	8.70
April 20, 2006	10:16	7.95	15.76	9.86
May 4, 2006	10:09	7.39	16.4	7.98
May 10, 2006	09:50	7.37	16.7	6.71
May 15, 2006	09:45	7.16	16.0	6.83
May 25, 2006	10:00	7.43	16.67	7.77
May 30, 2006	10:00	7.27	21.13	6.86
June 8, 2006	09:45	7.26	18.38	7.39
June 13, 2006	09:54	7.52	18.80	7.28
June 22, 2006	09:37	7.44	24.62	5.65
June 29, 2006	09:57	7.32	23.36	6.65
July 6, 2006	11:06	7.35	24.00	6.54
July 12, 2006	09:50	7.31	24.70	4.47
July 18, 2006	09:30	7.55	27.27	6.80
July 27, 2006	09:50	7.29	25.24	4.24
August 3, 2006	09:30	7.59	28.45	8.06
August 10, 2006	10:07	7.14	26.02	2.81
August 15, 2006	10:24	7.30	24.54	4.49
August 23, 2006	09:26	7.23	25.34	4.69
August 29, 2006	09:53	7.21	21.20	5.82
September 5, 2006	09:51	7.35	19.73	8.71
September 11, 2006	09:34	7.33	20.72	8.54
September 18, 2006	09:55	7.47	19.79	10.59

September 28, 2006		09:36	7.35	19.24	8.66
October 12, 2006		10:22	7.44	16.75	9.52
October 25, 2006		10:39	7.52	11.50	9.45
November 21, 2006		09:45	7.40	9.65	11.27
December 6, 2006		10:04	7.43	6.43	11.90
December 20, 2006		10:16	7.52	6.94	11.95
2007					
January 3, 2007		09:31	7.56	6.39	13.23
January 18, 2007		10:26	7.59	3.46	14.07
January 31, 2007		10:25	7.75	1.79	14.44
February 15, 2007		10:36	7.74	0.03	15.07
February 28, 2007		10:26	7.77	2.66	12.92
March 14, 2007		09:56	7.46	5.45	13.92
March 28, 2007		10:27	7.45	10.35	12.03
April 12, 2007	A	09:53	7.75	8.67	12.00
April 12, 2007	B	09:53	—	—	—
April 23, 2007	A	11:42	7.97	12.98	12.07
April 23, 2007	B	11:42	—	—	—
May 3, 2007		10:17	7.53	15.94	9.35
May 9, 2007		10:04	7.69	16.08	10.80
May 14, 2007	A	11:05	7.71	19.84	9.28
May 14, 2007	B	11:05	—	—	—
May 23, 2007	A	10:30	7.55	18.40	8.75
May 23, 2007	B	10:30	—	—	—
May 31, 2007	A	10:18	7.54	23.82	3.73
May 31, 2007	B	10:18	—	—	—
June 5, 2007	A	09:43	7.32	21.31	4.98
June 5, 2007	B	09:43	—	—	—
June 14, 2007	A	10:08	7.38	22.29	4.24
June 14, 2007	B	10:08	—	—	—
June 20, 2007		10:04	7.53	23.47	6.77
June 28, 2007		10:13	7.44	25.09	7.27
July 11, 2007	A	10:00	7.43	26.02	6.28
July 11, 2007	B	10:00	—	—	—
July 18, 2007		10:03	7.51	24.82	7.25
July 26, 2007		10:00	7.76	23.47	8.02
August 2, 2007	A	10:07	7.32	26.23	3.76
August 2, 2007	B	10:07	—	—	—
August 14, 2007		09:34	8.05	23.76	8.11
August 22, 2007	A	10:23	7.74	19.00	8.01
August 22, 2007	B	10:23	—	—	—
August 29, 2007		10:27	7.54	23.79	4.69
September 6, 2007		10:06	7.71	23.25	6.89
September 12, 2007		10:05	7.72	24.27	3.82
September 19, 2007	A	10:13	7.66	20.80	4.21
September 19, 2007	B	10:13	—	—	—
September 27, 2007		10:15	7.33	22.50	3.92
October 11, 2007	A	10:10	7.43	21.63	4.40
October 11, 2007	B	10:10	—	—	—
October 22, 2007	A	10:11	7.35	18.35	5.55

October 22, 2007	B	10:11	—	—	—
November 20, 2007		10:10	—	7.50	9.36
December 5, 2007	A	10:21	—	3.54	11.27
December 5, 2007	B	10:21	—	—	—
December 19, 2007	A	10:03	—	1.39	13.00
December 19, 2007	B	10:03	—	—	—
2008					
January 30, 2008	A	10:20	7.62	2.15	12.49
January 30, 2008	B	10:20	—	—	—
February 27, 2008	A	10:12	7.64	3.94	11.79
February 27, 2008	B	10:12	—	—	—
March 26, 2008	A	09:59	7.75	7.49	12.60
March 26, 2008	B	09:59	—	—	—
April 16, 2008	A	09:54	8.37	13.30	12.92
April 16, 2008	B	09:54	—	—	—
May 7, 2008	A	10:24	7.97	15.85	6.44
May 7, 2008	B	10:24	—	—	—
May 14, 2008		10:24	7.56	14.02	8.85
May 21, 2008	A	10:40	7.30	14.20	8.75
May 21, 2008	B	10:40	—	—	—
May 29, 2008		10:27	7.72	19.81	6.93
June 4, 2008	A	11:09	7.41	21.54	6.27
June 4, 2008	B	11:09	—	—	—
June 12, 2008	A	10:12	7.46	26.09	5.43
June 12, 2008	B	10:12	—	—	—
June 18, 2008	A	10:06	—	24.33	4.72
June 18, 2008	B	10:06	—	—	—
June 25, 2008	A	10:10	—	23.27	5.79
June 25, 2008	B	10:10	—	—	—
July 2, 2008	A	10:28	7.40	25.75	5.36
July 2, 2008	B	10:28	—	—	—
July 10, 2008	A	10:58	8.08	25.67	10.31
July 10, 2008	B	10:58	—	—	—
July 14, 2008	A	10:21	7.60	25.81	6.78
July 14, 2008	B	10:21	—	—	—
July 23, 2008	A	10:32	—	27.15	3.32
July 23, 2008	B	10:32	—	—	—
July 30, 2008		09:50	—	25.51	6.05
August 6, 2008	A	10:00	—	25.76	3.96
August 6, 2008	B	10:00	—	—	—
August 13, 2008		09:57	—	23.65	6.54
August 20, 2008		09:59	—	24.20	4.07
August 27, 2008		09:55	—	23.85	5.09
September 16, 2008		09:26	—	23.36	3.04
September 24, 2008		10:44	—	20.10	5.21
November 25, 2008		09:52	—	3.92	11.94
December 3, 2008	A	10:12	—	5.40	11.13
December 3, 2008	B	10:12	—	—	—
2009					
January 29, 2009		10:15	—	0.53	15.34

NAPEFAI/EQF

February 4, 2009	A	10:27	—	NAPEFAI/EQF	1.93		14.41
February 4, 2009	B	10:27	—		—		—
March 5, 2009		10:12	—	NAPEFAI/EQF	1.76		16.30
April 7, 2009	A	10:15	7.85		10.31		12.81
April 7, 2009	B	10:15	—		—		—
May 7, 2009		10:03	—	NAPEFAI/EQF	14.6		8.94
May 13, 2009	A	10:43	—	NAPEFAI/EQF	16.5		7.60
May 13, 2009	B	10:43	—		—		—
May 20, 2009	A	11:25	—	NAPEFAI/EQF	16.7		8.81
May 20, 2009	B	11:25	—		—		—
May 28, 2009		09:56	—	NAPEFAI/EQF	20.3		6.01
June 10, 2009	A	10:09	—	NAPEFAI/EQF	19.8		5.62
June 10, 2009	B	10:09	—		—		—
June 17, 2009		10:18	7.27		18.90		8.46
June 24, 2009		10:06	7.25		20.29		7.54
July 8, 2009		11:05	7.79		23.49		8.44
July 15, 2009	A	10:02	8.43		22.81		11.82
July 15, 2009	B	10:02	—		—		—
July 22, 2009		10:41	7.33		22.61		5.48
July 30, 2009	A	10:10	—	NAPEFAI/EQF	24.69		6.31
July 30, 2009	B	10:10	—		—		—
August 5, 2009		10:00	7.09		23.75		7.06
August 12, 2009		10:10	7.34		24.62		5.84
August 19, 2009	A	10:15	7.34		26.79		5.23
August 19, 2009	B	10:15	—		—		—
August 26, 2009		10:16	7.29		24.93		6.05
September 2, 2009	A	10:00	7.41		21.89		6.84
September 2, 2009	B	10:00	—		—		—
September 10, 2009		10:02	7.36		21.93		5.19
September 17, 2009		10:00	7.43		20.10		6.07
September 24, 2009	A	09:54	7.45		20.34		6.55
September 24, 2009	B	09:54	—		—		—
October 7, 2009		09:54	7.45		17.40		6.44
November 19, 2009		10:05	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 15, 2009		09:50	6.72		2.78		14.33
2010							
January 6, 2010	A	10:03	7.05		0.00		14.69
January 6, 2010	B	10:03	—	NA	—	NA	—
February 4, 2010		10:11	7.04		1.07		14.16
March 11, 2010		09:58	7.19		7.87		12.67
April 6, 2010	A	10:14	7.20		14.51		10.47
April 6, 2010	B	10:14	—	NA	—	NA	—
May 3, 2010		10:04	7.28		19.19		8.52
May 12, 2010	A	09:51	7.55		14.76		8.92
May 12, 2010	B	09:51	—	NA	—	NA	—
May 18, 2010		10:15	7.51		17.35		8.23
May 26, 2010		10:04	7.52		21.33		7.94
June 3, 2010	A	10:00	8.05		23.86		10.21
June 3, 2010	B	10:00	—	NA	—	NA	—
June 10, 2010		09:49	7.69		22.43		4.86

June 16, 2010		09:57	7.53		22.08		6.09
June 23, 2010		10:45	7.42		25.00		5.33
July 1, 2010	A	10:35	7.44		25.20		4.15
July 1, 2010	B	10:35	—	NA	—	NA	—
July 8, 2010	A	10:05	7.30		26.91		3.34
July 8, 2010	B	10:05	—	NA	—	NA	—
July 21, 2010	A	10:22	7.48		27.45		5.44
July 21, 2010	B	10:22	—	NA	—	NA	—
July 28, 2010	A	10:30	7.31		26.90		3.10
July 28, 2010	B	10:30	—	NA	—	NA	—
August 4, 2010		10:12	7.38		25.26		4.41
August 11, 2010	A	10:30	7.14		26.35		2.31
August 11, 2010	B	10:30	—	NA	—	NA	—
August 18, 2010		09:47	7.35		25.08		5.20
August 26, 2010		10:11	7.27		21.84		5.42
September 1, 2010		09:34	7.23		23.83		4.88
September 9, 2010	A	10:22	7.31		23.25		3.97
September 9, 2010	B	10:22	—	NA	—	NA	—
September 15, 2010		09:47	7.39		20.70		5.01
September 22, 2010		10:22	7.44		20.35		6.36
September 29, 2010		09:56	7.30		20.96		5.23
October 6, 2010		09:56	7.28		15.57		8.10
November 18, 2010	A	10:00	7.48		10.54		9.70
November 18, 2010	B	10:00	—	NA	—	NA	—
December 8, 2010		10:34	7.74		2.73		15.40
2011							
January 6, 2011	A	09:36	7.68		2.13		12.96
January 6, 2011	B	09:36	—	NA	—	NA	—
February 9, 2011	A	10:40	7.02		2.28		12.96
February 9, 2011	B	10:40	—	NA	—	NA	—
March 14, 2011		09:42	—	NAPEFAI/EQF	6.47		15.85
April 18, 2011	A	10:13	6.95		10.68		12.30
April 18, 2011	B	10:13	—	NA	—	NA	—
May 5, 2011		09:58	7.39		15.72		8.85
May 12, 2011	A	09:50	7.69		17.63		8.91
May 12, 2011	B	09:50	—	NA	—	NA	—
May 19, 2011		10:01	7.16		16.15		8.92
May 26, 2011	A	09:40	7.22		19.02		8.80
May 26, 2011	B	09:40	—	NA	—	NA	—
June 1, 2011		09:34	7.39		24.24		7.44
June 9, 2011		09:52	8.12		23.40		10.37
June 13, 2011		10:07	7.34		22.92		4.96
June 23, 2011	A	09:51	7.39		23.72		6.25
June 23, 2011	B	09:51	—	NA	—	NA	—
June 30, 2011		09:55	7.40		24.21		7.74
July 7, 2011		10:05	8.68		25.12		12.88
July 13, 2011		09:57	7.72		26.71		9.92
July 21, 2011	A	09:55	7.69		27.21		5.89
July 21, 2011	B	09:55	—	NA	—	NA	—
July 28, 2011		10:02	7.40		27.41		3.76

August 3, 2011	A	09:50	7.22		27.01		4.41
August 3, 2011	B	09:50	—	NA	—	NA	—
August 11, 2011		09:47	7.65		25.81		7.66
August 17, 2011	A	09:47	7.39		22.36		6.89
August 17, 2011	B	09:47	—	NA	—	NA	—
August 24, 2011		09:32	7.47		22.74		7.36
September 8, 2011		10:18	7.02		19.42		10.93
September 14, 2011	A	09:57	7.12		21.12		8.81
September 14, 2011	B	09:57	—	NA	—	NA	—
September 22, 2011		09:45	7.41		17.76		10.60
September 29, 2011	A	09:46	7.45		21.51		11.98
September 29, 2011	B	09:46	—	NA	—	NA	—
October 19, 2011		10:11	7.42		15.55		9.15
November 16, 2011		10:06	7.52		10.85		10.82
December 8, 2011		10:11	6.97		8.79		10.90
2012							
January 12, 2012		11:10	7.78		4.66		10.92
February 9, 2012		10:03	7.94		4.88		13.04
March 7, 2012		10:01	7.92		6.02		14.08
April 19, 2012		10:01	8.02		15.97		8.14
May 3, 2012	A	10:05	7.20		14.08		7.69
May 3, 2012	B	10:05	—	NA	—	NA	—
May 10, 2012		09:52	7.45		16.99		7.47
May 17, 2012		09:52	7.39		19.61		6.11
May 21, 2012	A	10:03	7.49		20.01		6.30
May 21, 2012	B	10:03	—	NA	—	NA	—
May 31, 2012		10:03	7.20		25.00		6.31
June 6, 2012		10:09	7.62		19.83		6.35
June 14, 2012	A	09:43	7.26		21.54		6.70
June 14, 2012	B	09:43	—	NA	—	NA	—
June 20, 2012		10:09	7.51		22.54		5.82
June 28, 2012		09:58	7.29		23.95		5.35
Bridge construction 7/5/12							
2013							
January 16, 2013	A	08:51	8.35	[redacted]	5.83		13.18
January 16, 2013	B	08:51	—	NA	—	NA	—
February 11, 2013	A	08:53	8.92	[redacted]	1.07		15.95
February 11, 2013	B	08:53	—	NA	—	NA	—
February 26, 2013	A	08:30	8.04	[redacted]	3.87		13.78
February 26, 2013	B	08:30	—	NA	—	NA	—
March 4, 2013	A	10:54	7.53	[redacted]	4.09		14.62
March 4, 2013	B	10:54	—	NA	—	NA	—
March 21, 2013		08:42	7.79	[redacted]	4.50		14.78
April 10, 2013	A	09:57	8.20	[redacted]	12.08		16.00
April 10, 2013	B	09:57	—	NA	—	NA	—
April 18, 2013		10:08	7.86	[redacted]	14.69		11.50
April 30, 2013	A	10:05	7.88	[redacted]	15.64		8.02
April 30, 2013	B	10:05	—	NA	—	NA	—
May 2, 2013	A	10:05	7.94	[redacted]	16.05		8.57
May 2, 2013	B	10:05	—	NA	—	NA	—

May 6, 2013	A	09:54	7.99	[redacted]	17.48		12.77
May 6, 2013	B	09:54	—	NA	—	NA	—
May 15, 2013		09:54	7.38	[redacted]	16.64		9.91
May 23, 2013	A	10:19	7.39	[redacted]	20.38		8.86
May 23, 2013	B	10:19	—	NA	—	NA	—
May 30, 2013		09:56	6.88	[redacted]	18.17		10.84
June 5, 2013	A	10:19	7.45	[redacted]	23.00		7.60
June 5, 2013	B	10:19	—	NA	—	NA	—
June 12, 2013		10:00	7.39	[redacted]	19.92		9.84
June 19, 2013	A	10:24	6.88	[redacted]	20.70		15.22
June 19, 2013	B	10:24	—	NA	—	NA	—
June 26, 2013	A	10:19	7.32	[redacted]	25.20		10.92
June 26, 2013	B	10:19	—	NA	—	NA	—
July 2, 2013		11:02	7.18	[redacted]	23.92		11.36
July 10, 2013	A	10:19	6.47	[redacted]	27.60		6.35
July 10, 2013	B	10:19	—	NA	—	NA	—
July 17, 2013		10:23	7.46	[redacted]	26.96		85.1
July 24, 2013	A	10:27	7.40	[redacted]	27.71		5.68
July 24, 2013	B	10:27	—	NA	—	NA	—
July 31, 2013		10:09	7.65	[redacted]	24.78		6.91
August 7, 2013		10:00	7.74	[redacted]	23.78		4.86
August 14, 2013		09:58	7.59	[redacted]	23.77		6.38
August 21, 2013		09:34	7.24	[redacted]	23.26		4.50
August 28, 2013	A	10:15	7.69	[redacted]	23.68		6.70
August 28, 2013	B	10:15	—	NA	—	NA	—
September 5, 2013		09:48	7.24	[redacted]	23.93		4.12
September 18, 2013	A	10:16	7.50	[redacted]	19.80		7.62
September 18, 2013	B	10:16	—	NA	—	NA	—
September 26, 2013		09:59	7.49	[redacted]	18.16		7.79
October 16, 2013	A	09:46	7.46	[redacted]	17.43		7.26
October 16, 2013	B	09:46	—	NA	—	NA	—
December 9, 2013	A	10:44	5.50	[redacted]	5.33		10.83
December 9, 2013	B	10:44	—	NA	—	NA	—
2014							
January 6, 2014	A	11:03	6.85		1.18		14.52
January 6, 2014	B	11:03	—	NA	—	NA	—
February 10, 2014		10:44	5.00		0.26		14.94
March 12, 2014		09:53	6.76		6.28		13.63
April 3, 2014	A	10:00	6.13		7.54		12.72
April 3, 2014	B	10:00	—	NA	—	NA	—
May 1, 2014		10:32	6.76		9.40		12.10
May 7, 2014		10:03	6.35		13.81		10.54
May 15, 2014	A	10:03	7.20		18.36		8.25
May 15, 2014	B	10:03	—	NA	—	NA	—
May 21, 2014		10:25	7.14		17.45		8.57
June 4, 2014	A	10:16	7.45		21.45		8.83
June 4, 2014	B	10:16	—	NA	—	NA	—
June 11, 2014		10:21	7.01		20.86		5.74
June 18, 2014	A	10:26	7.20		22.40		7.55
June 18, 2014	B	10:26	—	NA	—	NA	—

June 26, 2014		10:15	8.35		24.01		12.50
July 2, 2014		10:11	7.43		25.24		5.78
July 9, 2014	A	10:25	6.97		24.97		6.43
July 9, 2014	B	10:25	—	NA	—	NA	—
July 16, 2014		10:49	7.11		24.42		3.93
August 6, 2014	A	10:12	7.49		23.56		8.15
August 6, 2014	B	10:12	—	NA	—	NA	—
August 13, 2014		10:11	7.24		24.03		3.08
August 20, 2014	A	10:16	7.54		23.17		6.98
August 20, 2014	B	10:16	—	NA	—	NA	—
August 25, 2014		10:52	7.68		23.41		8.32
September 4, 2014		10:29	8.08		24.76		8.58
September 10, 2014	A	09:58	7.27		23.00		3.44
September 10, 2014	B	09:58	—	NA	—	NA	—
September 16, 2014		10:24	7.57		20.58		6.05
September 30, 2014	A	09:57	7.35		19.95		5.12
September 30, 2014	B	09:57	—	NA	—	NA	—
October 8, 2014		10:19	7.31		18.10		5.37
November 18, 2014		10:02	6.69		6.79		11.73
December 10, 2014	A	10:28	6.33		3.80		12.38
December 10, 2014	B	10:28	—	NA	—	NA	—

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	97.7	0.4	—	4
[redacted]				
	99.8	0.2	—	4
	102.5	0.4	—	16
	96.3	1.2	—	6
	94.9	0.3	—	12
	93.2	0.6	—	4
	92.6	0.2	—	21
	68.4	0.2	—	8
	73.9	0.3	—	32
	84.4	0.2	—	12
	62.9	0.2	—	9
	67.3	2.7	—	17
	—	—	—	23
	77.4	—	—	68
	—	—	—	20
	97.2	—	—	27
	—	—	—	51
	69.3	—	—	32
	49.7	—	—	22
	80.2	0.5	—	31
	—	—	—	—
	70.0	0.46	—	24
	60.4	1.45	—	18
	81.0	0.17	—	17
	41.7	4.61	—	22
	—	—	—	14
	91.5	0.2	—	20
	76.0	0.54	—	23
	98.7	0.15	—	7
	89.5	0.3	—	10
	106.9	—	—	16
	75.3	—	—	25
	101.2	0.16	—	17
	96.3	0.15	—	16
[redacted]				
	122.1	0.25	—	11
	93.2	1.11	—	12
	93.9	0.28	—	6
	116.2	0.57	—	2
	139.8	1.60	—	8
	108.5	0.1	—	16
	117.2	0.26	—	12
	—	—	—	61
	—	—	—	28
	—	—	—	28

—	—	—	24
—	—	—	16
—	—	—	22
87.3	0.84	—	50
—	—	—	36
79.4	1.40	—	24
60.6	1.95	—	20
—	—	—	90
—	—	—	22
50.8	10.22	—	46
—	—	—	46
—	—	—	80
—	—	—	30
—	—	—	28
—	—	—	41
—	—	—	21
86.3	0.2	—	10
79.8	0.2	—	8
97.8	0.2	—	12
97.8	0.3	—	35
[redacted]			
103.3	0.21	—	4
108.1	0.3	—	4
118.9	0.20	—	2
115.4	0.32	—	4
121.0	1.75	—	6
106.6	0.59	—	6
79.4	0.59	—	10
100.1	1.92	—	17
70.6	0.8	—	13
71.0	4.0	—	14
69.6	0.2	—	20
80.0	0.53	—	38
77.9	2.01	—	34
78.8	0.15	—	36
78.4	0.24	—	22
68.9	1.16	—	36
78.0	0.14	—	15
77.8	0.17	—	20
54.2	1.41	—	36
85.9	0.23	—	26
52.1	2.19	—	34
104.6	1.76	—	17
37.0	11.34	—	22
54.0	1.45	—	63
60.6	10.54	—	22
65.8	1.01	—	27
95.3	0.16	—	99
95.4	0.32	—	88
116.2	0.19	—	51

95.7	3.69	—	12
98.2	0.21	—	50
87.3	1.36	—	12
99.1	0.13	—	8
96.8	0.26	—	12
99.1	1.30	—	5
[redacted]			
107.4	0.16	—	32
105.9	0.17	—	6
104.1	0.45	—	26
106.3	4.37	—	24
96.7	2.43	—	6
110.5	0.37	—	6
107.7	0.27	—	12
103.2	0.35	—	12
—	—	—	14
114.5	0.16	—	5
—	—	—	7
94.8	0.18	—	6
109.8	0.23	—	10
101.7	0.27	—	46
—	—	—	44
93.4	0.31	—	8
—	—	—	8
87.8	7.25	—	14
—	—	—	14
56.4	0.49	—	54
—	—	—	72
49.7	3.40	—	30
—	—	—	30
80.6	2.31	—	47
90.0	3.26	—	20
78.9	2.80	—	28
—	—	—	24
85.7	0.68	—	49
94.4	0.49	—	26
48.4	7.01	—	48
—	—	—	44
96.7	0.86	—	26
86.5	0.29	—	16
—	—	—	17
57.4	6.29	—	12
82.3	3.56	—	16
46.8	4.26	—	22
49.4	8.53	—	14
—	—	—	14
49.3	15.02	—	22
53.0	10.32	—	18
—	—	—	22
59.7	2.02	—	16

—	—	—	17
79.0	1.97	—	19
85.4	0.71	—	13
—	—	—	11
93.2	0.83	—	16
—	—	—	2
[redacted]			
92.2	2.29	—	6
—	—	—	6
89.9	0.30	—	8
—	—	—	8
105.2	0.19	—	7
—	—	—	8
123.7	0.24	—	37
—	—	—	35
65.5	1.48	—	40
—	—	—	44
86.1	0.20	—	20
85.3	0.19	—	12
—	—	—	10
76.0	0.23	—	16
71.3	0.65	—	28
—	—	—	30
67.4	0.85	—	16
—	—	—	17
58.1	4.64	—	26
—	—	—	15
68.2	1.02	—	31
—	—	—	30
67.4	4.14	—	22
—	—	—	23
126.9	0.64	—	27
—	—	—	26
85.4	3.12	—	14
—	—	—	14
44.2	10.25	—	34
—	—	—	36
74.5	2.33	—	25
49.6	3.72	—	60
—	—	—	56
79.2	4.67	—	16
51.3	9.45	—	50
62.6	6.29	—	29
36.5	6.84	—	15
58.8	3.82	—	12
91.3	0.52	—	17
90.2	1.63	—	16
—	—	—	12
[redacted]			
108.1	2.31	—	22

J-QC/FLD/RPO

	104.8		1.17		—		4	
	—		—		—		4	
	117.5		0.59		—		4	J-QC/FFD/FLDRPO
	114.3		0.25		—		44	
	—		—		—		44	
	88.0		0.2		—		34	
	78.0		0.2		—		19	
	—		—		—		18	
	90.3		0.2		—		26	
	—		—		—		24	
	67.2		2.0		—		140	
	61.8		0.2		—		16	
	—		—		—		18	
	91.1		0.18		—		20	
	83.4		0.19		—		16	J-QC/FFD/RPO
	99.4		0.34		—		16	
	137.5		0.42		—		22	
	—		—		—		18	
	63.7		0.41		—		36	
	76.1		0.22		—		28	
	—		—		—		24	
	83.6		0.18		—		14	
	70.4		0.49		—		18	
	65.8		—	NAPEFAI/EQF	—		28	
	—		—		—		28	
	73.2		0.21		—		28	
	78.4		0.89		—		14	
	—		—		—		16	
	61.3		6.05		—		37	J-QC/FFD/RPO
	68.1		3.31		—		24	
	73.9		3.39		—		37	
	—		—		—		36	
	71.4		10.37		—		21	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		17	J-QC/FFB
	105.9		0.23		—		24	
[redacted]								
	100.7		0.28		—	NA	10	J-QC/FFB/FFDRPO
NA	—	NA	—	NA	—	NA	8	J-QC/FFB/FFDRPO
	100.0		0.32		—	NA	14	
	106.9		0.31		—	NA	11	
	102.8		0.17		—	NA	14	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	18	J-QC/FLD/RPO
	92.4		0.20		—	NA	14	
	88.3		0.43		—	NA	10	
NA	—	NA	—	NA	—	NA	10	
	86.7		1.70		—	NA	78	
	90.0		0.48		—	NA	25	
	122.3		2.15		—	NA	28	
NA	—	NA	—	NA	—	NA	26	
	57.4		3.39		—	NA	29	

	70.8		2.57		—	NA	140		
	65.4		2.76		—	NA	50		
	52.5		7.31		—	NA	35		
NA	—	NA	—	NA	—	NA	36		
	43.3		7.78		—	NA	30		
NA	—	NA	—	NA	—	NA	35		
	69.5		1.90		—	NA	30		
NA	—	NA	—	NA	—	NA	34		
	41.1		9.79		—	NA	42		
NA	—	NA	—	NA	—	NA	46		
	54.7		3.45		—	NA	18		
	31.5		15.91		—	NA	54		
NA	—	NA	—	NA	—	NA	56		
	64.2		3.36		—	NA	30		
	63.2		3.78		—	NA	22		
	59.5		4.83		—	NA	19		
	50.2		13.13		—	NA	20	J-QC/FFD/RPO	
NA	—	NA	—	NA	—	NA	29	J-QC/FFD/RPO	
	56.8		2.85		—	NA	20		
	74.8		10.90		—	NA	27	J-QC/FFD/RPO	
	61.6		8.34		—	NA	24		
	81.5		0.36		—	NA	27	J-QC/FFB	
	87.2		0.47		—	NA	65		
NA	—	NA	—	NA	—	NA	72		
	114.1		0.68		—	NA	22	J-QC/FFB	
[redacted]									
	98.6		7.05		—	NA	7		
NA	—	NA	—	NA	—	NA	9		
	96.5		3.23		—	NA	14		
NA	—	NA	—	NA	—	NA	16		
	129.1		0.16		—	NA	50		
	110.7		0.13		—	NA	32		
NA	—	NA	—	NA	—	NA	32		
	89.3		0.25		—	NA	10		
	93.5		0.31		—	NA	15		
NA	—	NA	—	NA	—	NA	16		
	90.7		0.15		—	NA	14		
	95.0		0.19		—	NA	18	J-QC/FFD/RPO	
NA	—	NA	—	NA	—	NA	25	J-QC/FFD/RPO	
	88.9		0.26		—	NA	10		
	121.9		0.30		—	NA	19		
	57.9		0.45		—	NA	79		
	73.7		0.24		—	NA	9		
NA	—	NA	—	NA	—	NA	10		
	92.6		0.34		—	NA	16		
	156.6		0.31		—	NA	58		
	124.7		1.16		—	NA	30		
	75.5		3.30		—	NA	30		
NA	—	NA	—	NA	—	NA	25		
	49.2		6.01		—	NA	22		

		57.8		7.65		—	NA	68			
NA	NA	—	NA	—	NA	—	NA	84			
		95.0		1.36		—	NA	33	J-QC/FFD/RPO		
		79.6		0.22		—	NA	30			
NA	NA	—	NA	—	NA	—	NA	34			
		85.6		0.17		—	NA	23			
		119.0		0.08		—	NA	54			
		99.1		0.13		—	NA	4	J-QC/FFD/RPO		
NA	NA	—	NA	—	NA	—	NA	6	J-QC/FFD/RPO		
		111.6		0.23		—	NA	7			
		135.8		0.25		—	NA	18			
NA	NA	—	NA	—	NA	—	NA	23			
		92.0		0.34		—	NA	13	J-QC/FFD/RPO		
		99.8		3.04		—	NA	12	J-QC/FFD/RPO		
		93.9		0.13		—	NA	41			
		84.9		0.29		—	NA	10	J-QC/FFD/RPO		
		102.7		1.24		—	NA	10	J-QC/FFD/FLDRPO		
		113.4		0.42		—	NA	32			
		85.6		6.69		—	NA	42			
		74.8		0.37		—	NA	58			
NA	NA	—	NA	—	NA	—	NA	58			
		77.9		0.53		—	NA	88			
		67.1		1.03		—	NA	22			
		71.7		5.98		—	NA	54			
NA	NA	—	NA	—	NA	—	NA	44			
		76.5		0.26		—	NA	47			
		70.2		1.75		—	NA	40			
		76.0		0.26		—	NA	32			
NA	NA	—	NA	—	NA	—	NA	32			
		69.0		4.44		—	NA	24			
		63.9		1.03		—	NA	22			
		105.7		0.43		—	NA	54			
NA	NA	—	NA	—	NA	—	NA	55			
		114.7		2.89		—	NA	18			
NA	NA	—	NA	—	NA	—	NA	19			
		107.0		3.20		—	NA	—	NA		
NA	NA	—	NA	—	NA	—	NA	—	NA		
		112.0		0.26		—	NA	7			
NA	NA	—	NA	—	NA	—	NA	7			
		114.5		0.34		—	NA	—	NA		
		153.4		4.97		—	NA	24			
NA	NA	—	NA	—	NA	—	NA	24			
		113.7		0.46		—	NA	—	NA		
		80.8		0.42		—	NA	—	NA		
NA	NA	—	NA	—	NA	—	NA	—	NA		
		87.6		0.35		—	NA	26			
NA	NA	—	NA	—	NA	—	NA	26			

[redacted]	134.8	[redacted]	1.79		—	NA	32	[redacted]
NA	—	NA	—	NA	—	NA	30	
[redacted]	102.5	[redacted]	0.60		—	NA	20	
[redacted]	98.6	[redacted]	1.05		—	NA	24	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	25	J-QC/FLD/RPO
[redacted]	113.4	[redacted]	0.19		—	NA	18	[redacted]
	88.8		0.25		—	NA	16	
NA	—	NA	—	NA	—	NA	16	
[redacted]	108.7	[redacted]	0.16		—	NA	8	
	173.0		0.16		—	NA	36	
NA	—	NA	—	NA	—	NA	40	
[redacted]	132.8	[redacted]	0.37		—	NA	40	[redacted]
NA	—	NA	—	NA	—	NA	35	
[redacted]	134.7	[redacted]	0.14		—	NA	20	
	81.2		2.15		—	NA	20	
NA	—	NA	—	NA	—	NA	20	
[redacted]	6.72	[redacted]	0.94		—	NA	12	J-QC/FFD/RPO
	73.9		4.16		—	NA	27	[redacted]
NA	—	NA	—	NA	—	NA	26	
[redacted]	83.6	[redacted]	0.65		—	NA	9	
	59.9		7.27		—	NA	26	J-QC
	75.6		0.26		—	NA	19	[redacted]
	55.5		9.03		—	NA	30	
	79.6		0.99		—	NA	14	
NA	—	NA	—	NA	—	NA	13	
[redacted]	51.2	[redacted]	8.13		—	NA	24	J-QC/FFD/RPO
	85.6		4.07		—	NA	20	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	22	J-QC/FLD/RPO
[redacted]	84.2	[redacted]	3.29		—	NA	13	J-QC/FFD/RPO
	79.1		7.26		—	NA	30	[redacted]
NA	—	NA	—	NA	—	NA	28	
[redacted]	86.5	[redacted]	1.66		—	NA	18	
NA	—	NA	—	NA	—	NA	18	
[redacted]								
	104.4		2.46		—	NA	32	J-QC
NA	—	NA	—	NA	—	NA	34	J-QC
	104.2		1.74		—	NA	10	J-QC/FFD/RPO
	110.9		0.83		—	NA	10	J-QC/FFB
	106.3		0.21		—	NA	10	
NA	—	NA	—	NA	—	NA	10	
	105.6		0.13		—	NA	12	J-QC
	101.9		0.16		—	NA	22	
	87.9		0.26		—	NA	10	
NA	—	NA	—	NA	—	NA	9	
	89.5		0.23		—	NA	10	
	100.2		0.41		—	NA	13	
NA	—	NA	—	NA	—	NA	14	
	64.4		0.54		—	NA	14	
	87.3		0.26		—	NA	36	
NA	—	NA	—	NA	—	NA	38	

	146.1		0.40		—	NA	33	
	72.1		4.48		—	NA	51	J-QC/FLD/RPO
	77.8		0.26		—	NA	40	
NA	—	NA	—	NA	—	NA	41	
	47.1		0.29		—	NA	67	
	96.9		1.72		—	NA	20	J-QC/FFB
NA	—	NA	—	NA	—	NA	22	J-QC/FFB
	38.0		6.77		—	NA	42	
	83.7		4.47		—	NA	20	
NA	—	NA	—	NA	—	NA	18	
	100.9		5.72		—	NA	26	
	104.9		2.33		—	NA	31	
	43.4		14.25		—	NA	38	
NA	—	NA	—	NA	—	NA	45	
	67.9		0.41		—	NA	24	
	59.5		9.48		—	NA	22	
NA	—	NA	—	NA	—	NA	24	
	59.7		8.12		—	NA	24	J-QC/FLD/RPO
	96.4		0.40		—	NA	40	J-QC
	94.1		0.21		—	NA	19	J-QC/FFB
NA	—	NA	—	NA	—	NA	18	J-QC/FFB

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.72	<2	<0.09	0.013
[redacted]			
0.45	<2	<0.09	0.029
0.67	<2	0.26	0.035
0.85	6	<0.19	0.027
0.08	2	<0.19	0.018
—	3	<0.19	0.018
0.99	2	<0.19	0.026
0.65	2	<0.19	0.026
0.88	2	<0.19	0.028
0.78	2	<0.19	0.032
0.92	2	<0.19	0.050
0.44	3	<0.19	0.029
0.73	3	<0.19	0.045
0.50	2	<0.19	0.028
0.66	<2	<0.19	0.037
1.40	5	<0.19	0.056
2.12	4	<0.19	0.062
3.39	<2	<0.19	0.052
3.43	<2	<0.19	0.038
3.58	2	<0.19	0.039
—	<2	<0.19	0.033
0.53	4	<0.19	0.033
2.79	<2	<0.19	0.048
1.42	<2	<0.19	0.021
1.92	2	<0.19	0.053
1.49	<2	<0.19	0.027
1.13	<2	<0.19	0.018
1.09	3	<0.19	0.023
1.03	<2	<0.19	0.013
0.95	<2	<0.19	0.022
0.78	<2	<0.19	0.037
0.75	7	<0.19	0.067
0.92	<2	<0.19	0.022
0.61	<2	<0.19	0.016
[redacted]			
0.70	<2	<0.19	0.014
<1.00	<2	<0.19	0.046
0.90	<2	<0.19	0.024
0.78	<2	<0.19	0.018
1.06	<2	<0.19	0.020
<1.00	<2	<0.19	0.021
0.83	<2	<0.19	0.021
1.17	<2	<0.19	0.030
0.83	<2	<0.19	0.052
1.38	<2	<0.27	0.074

1.58	—	<0.27	0.074
1.45	3	<0.27	0.087
2.04	—	<0.27	0.087
1.46	—	<0.27	0.053
7.66	—	<0.27	0.158
2.00	<2	<0.27	0.046
1.69	—	<0.27	0.049
2.34	7	<0.27	0.056
1.77	4	<0.27	0.077
1.87	<2	<0.27	0.072
2.53	<2	<0.27	0.045
1.95	3	<0.27	0.110
1.95	<2	<0.27	0.112
2.80	12	0.45	0.090
1.24	<2	<0.27	0.126
1.36	<2	<0.27	0.113
1.04	<2	<0.27	0.010
1.14	5	<0.27	0.020
0.81	<2	<0.27	0.020
<1.00	<2	<0.27	0.020
[redacted]			
0.68	2	<0.27	0.02
0.68	5	<0.27	0.013
0.70	6	<0.27	0.017
0.65	5	<0.27	0.020
0.74	4	<0.27	0.030
0.90	4	<0.27	0.027
0.89	3	<0.27	0.068
2.17	4	<0.295	0.046
2.55	3	<0.295	0.024
1.10	—	<0.295	0.052
0.79	—	<0.295	0.030
1.72	<2	<0.295	0.036
1.83	<2	<0.295	0.051
1.86	4	<0.295	0.040
1.86	<2	<0.295	0.035
1.70	3	1.30	0.029
1.20	<2	<0.295	0.012
1.46	<2	<0.295	0.026
1.45	—	<0.295	0.030
1.16	—	<0.295	0.027
1.22	6	<0.295	0.047
1.83	3	<0.295	0.032
2.18	<2	<0.295	0.059
2.12	<2	<0.295	0.052
2.07	<2	<0.295	0.059
0.80	<2	<0.295	0.035
1.62	5	<0.295	0.017
1.25	<2	<0.295	0.021
1.08	<2	<0.295	0.018

1.00	—	<0.295	—
0.93	—	<0.295	0.021
<1.00	<2	<0.295	0.018
0.87	—	<0.295	0.008
0.66	<2	<0.295	0.017
0.73	<2	<0.295	0.027
[redacted]			
1.03	<2	<0.295	0.019
0.95	<2	<0.295	0.014
0.45	<2	<0.295	0.019
0.76	<2	<0.295	0.026
0.64	—	<0.295	0.034
0.69	<2	<0.295	0.022
0.60	<2	<0.039	0.010
0.88	<2	0.040	0.019
0.93	<2	<0.039	0.019
0.58	<2	0.106	0.013
0.45	—	0.116	0.012
0.45	—	0.139	0.017
0.82	<2	<0.039	0.017
0.57	3	0.046	0.031
1.30	3	0.060	0.031
0.86	<2	0.157	0.037
0.75	<2	0.143	0.040
0.88	<2	0.315	0.053
0.80	3	0.324	0.068
1.25	3	0.250	0.040
1.39	4	0.231	0.043
0.99	<2	0.301	0.060
1.01	<2	0.315	0.060
0.91	3	0.167	0.056
1.17	5	0.139	0.060
0.91	<2	0.176	0.051
0.82	<2	0.167	0.051
3.11	14	0.598	0.047
1.39	<2	0.156	0.013
1.05	<2	0.453	0.043
<0.30	<2	0.427	0.045
<0.30	<2	<0.039	0.039
1.36	<2	0.104	0.020
1.46	<2	0.099	0.019
1.23	<2	0.260	0.056
1.21	<2	0.198	0.039
1.15	<2	<0.039	0.072
1.06	<2	0.609	0.086
1.02	<2	0.588	0.087
1.33	3	0.026	0.143
0.61	<2	0.334	0.115
0.58	<2	0.278	0.119
1.14	<2	0.227	—

1.25		<2		0.240		—
0.78		2		0.167		0.053
0.98		3		0.194		0.020
0.93		3		0.134		0.020
0.92		<2		0.224		0.015
0.84		<2		0.237		0.016
[redacted]						
1.27		<2		<0.039		0.016
1.73		<2		<0.039		0.017
1.77		<2		0.221		0.014
1.90		<2		0.242		0.015
0.95		<2		0.038		0.011
0.78		<2		0.043		0.010
1.30		4		0.068		0.026
1.24		4		0.077		0.027
1.66		<2		0.136		0.033
1.64		<2		0.132		0.033
0.76		<2		0.183		0.031
1.22		<2		0.119		0.022
0.83		<2		0.136		0.021
1.65		<2		0.077		0.035
1.79		<2		0.055		0.042
1.82		<2		0.047		0.046
0.98		4		0.343		0.047
1.33		4		0.338		0.048
1.14		<2		0.307		0.069
1.14		12		0.316		0.068
1.41		<2		0.194		0.044
1.24		<2		0.208		0.047
0.92		4		0.289		0.057
1.11		4		0.302		0.057
1.28		3		0.090		0.040
1.14		3		0.099		0.040
1.04		3		0.212		0.042
1.20		3		0.217		0.042
1.13		<2		0.338		0.073
1.04		<2		0.329		0.074
1.45		3		0.126		0.026
2.32		3		0.311		0.046
2.50		<2		0.302		0.048
2.09		<2		0.212		0.035
1.67		<2		0.510		0.074
1.79		<2		0.388		0.102
1.58		<2		0.388		0.057
1.29		<2		0.211		0.046
1.33		<2		0.172		0.017
0.95		<2		0.363		0.025
0.99		<2		0.348		0.025
[redacted]						
1.47	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.443	J-QC/FSL	0.044

1.05	BJ-QC/FBK/FFBFLS	<2	K	0.209	J-QC/FMS	0.036
1.09	BJ-QC/FBK/FFBFLS	<2	K	0.224	J-QC/FMS	0.034
0.94	BJ-QC/FBK/FFB	<2	K	0.138		0.025
1.48	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.261		0.036
1.56	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.235		0.036
1.78	BJ-QC/FBK/FFB	<2	K	0.177		0.040
1.50	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.157	J-QC/FMS	0.023
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.141	J-QC/FMS	0.021
1.54	BJ-QC/FBK/FFBFLS	<2	K	0.057	J-QC/FFD/RPOFMS	0.046
1.48	BJ-QC/FBK/FFBFLS	<2	K	0.037	J-QC/FFD/RPOFMS	0.046
2.79	BJ-QC/FBK/FFB	<2	K	0.308		0.051
1.25		<2	K	0.136		0.038
1.27		<2	K	0.157		0.038
1.00		<2	K	0.172		0.030
1.90	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.141		0.021
1.15	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.020
1.46	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.056	J-QC/FFD/RPO	0.016
1.40	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.076	J-QC/FFD/RPO	0.015
1.45	J-QC/FFB	<2	KJ-QC/FLS	0.041	J-QC/FFD/RPO	0.025
1.67	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.092		0.019
1.56	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.102		0.018
1.23	BJ-QC/FBK/FFB	<2	K	0.127		0.015
1.66	BJ-QC/FBK/FLDRPOFLS	<2	K	0.081		0.025
—	NAPQNS	—	NAP	0.041	J-QC/FMS	0.033
1.55	BJ-QC/FBK/FFBFLS	—	NAP	0.046	J-QC/FMS	0.033
1.56	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.017
1.49	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.066		0.020
1.63	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.056		0.021
2.23	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.163		0.040
1.26	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.392		0.036
1.29	J-QC/FLS	<2	K	0.081		0.034
1.27	J-QC/FLS	<2	K	—	NAPQNS	0.031
1.21	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FLS	0.193		0.054
1.35	BJ-QC/FBK/FFB	<2	K	0.030	J-R	0.041
1.92	B/FBK	<2	K	0.061		0.014
[redacted]						
1.55	BJ-QC/FBK/FFBFLS	<2	K	0.036	J-QC/FFD/RPO	0.011
1.49	BJ-QC/FBK/FFB	<2	K	0.056	J-QC/FFD/RPO	0.010
1.20	BJ-QCJ-HT/FBK/FFBEHT	4	J-QC/FLS	0.170		0.032
1.20	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFD/RPOFLS	0.080		0.0219
1.56	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0175	K	0.0147
1.50	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0175	K	0.0138
2.29	BJ-QC/FBK/FFB	4	J-QC/FLS	0.382	J-QC/FFB	0.0186
2.17	BJ-QC/FBK/FFBFLS	<2	K	0.030	J-R	0.0258
2.20	BJ-QC/FBK/FFBFLS	<2	K	0.030	J-R	0.0260
2.51	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.096		0.0373
2.16	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.166	J-QC/FFB	0.0342
3.27	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.161		0.0381
3.04	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.141		0.0381
2.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.428		0.0534

3.59	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.246		0.0681
2.68	BJ-QC/FBK/FFB	3	J-QC/FLS	0.357	J-QC/FFB	0.0464
2.24	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.166		0.0618
2.48	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.151		0.0587
2.14	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.277		0.0577
2.08	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.267		0.0587
3.02	BJ-QCJ-HT/FBK/FFBFLSEHT	5	J-QC/FLS	0.287		0.0360
3.28	BJ-QCJ-HT/FBK/FFBFLSEHT	5	J-QC/FLS	0.297		0.0354
1.99	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.372		0.0557
2.71	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.356		0.0578
1.93	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.524		0.0386
1.56	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.451		0.0775
1.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.440		0.0841
1.95	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.262	J-QC/FSL	0.0641
1.96	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.199		0.0362
1.92	BJ-QC/FBK/FFBFLS	<2	K	0.168		0.0422
1.68	BJ-QC/FBK/FFBFLS	4	J-QC/FFB/FLS	0.309		0.0845
1.88	BJ-QC/FBK/FFBFLS	4	J-QC/FFB/FLS	0.325		0.0854
2.01	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.136		0.0402
1.65	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.173	J-QC/FFD/RPO	0.0515
1.76	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.152		0.0634
1.61	BJ-QC/FBK/FFBFLS	<2	K	0.183	J-QC/FFD/RPO	0.0168
2.81	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.035		0.0235
2.50	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.035		0.0214
2.06	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.075		0.0129
[redacted]						
1.53	BJ-QC/FBK/FFBFLS	<2	K	1.106		0.0321
1.38	BJ-QC/FBK/FFBFLS	<2	K	0.111		—
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.141		0.0342
1.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.131		0.0348
1.50	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0293	K	0.0123
1.45	BJ-QC/FBK/FFBFLS	<2	K	0.068		0.0181
1.34	BJ-QC/FBK/FFBFLS	<2	K	0.078		0.0175
1.79	BJ-QC/FBK/FFB	<2	K	0.087	J-QC/FMS	0.0206
1.26	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0293	KJ-QC/FFD/RPOFMS	0.0264
1.27	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.033	J-RJ-QC/FFD/RPOFMS	0.0248
3.17	BJ-QC/FBK/FFBFLS	<2	K	0.103		0.0255
1.64	BJ-QC/FBK/FFB	<2	K	0.087		0.0187
1.70	BJ-QC/FBK/FFB	<2	K	0.103		0.0180
1.32	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.114		0.0215
1.80	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.109		0.0240
1.98	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.283		0.0332
1.63	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.087		0.0207
1.77	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.109		0.0209
1.59	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.098	J-QC/FMS	0.0198
1.88	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.245	J-QC/FFB	0.0242
1.70	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FLS	0.229	J-QC/FFD/RPO	0.0259
1.94	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FLS	0.053	J-RJ-QC/FFD/RPO	0.0365
2.01	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FLS	0.075	J-QC/FFD/RPO	0.0332
1.54	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.392		0.0562

1.50	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.381		0.0469
1.44	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.506		0.0473
2.02	BJ-QCJ-HT/FBK/FFBFLSEHT	3		0.120	J-QC/FFB	0.0224
1.88	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.196		0.0171
1.84	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.191		0.0173
1.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.218		0.0098
1.81	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.120		0.0172
1.41	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.037	J-R	0.0103
1.46	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.032	J-R	0.0107
1.29	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.218	J-QC/FMS	0.0179
1.33	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.103		0.0194
1.16	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.087		0.0196
2.26	BJ-QC/FBK/FFBFLS	<2	K	0.082		0.0108
2.55	BJ-QC/FBK/FFB	<2	K	0.154		0.0171
1.85	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	0.134		0.0344
[redacted]						
1.79	BJ-QC/FBK/FFB	3	J-QC/FFD/RPOFLS	0.123		0.0209
1.39	BJ-QC/FBK/FFB	<2	KJ-QC/FFB/FLS	0.108	J-QC/FMS	0.0196
2.05	BJ-QC/FBK/FFBFLS	3		<0.0378	KJ-QC/FMS	0.0252
2.31	BJ-QCJ-HT/FBK/FFBFLSEHT	3		0.052	J-RJ-QC/FFB	0.0476
3.13	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	<0.0378	K	0.0290
2.76	BJ-QC/FBK/FFBFLS	5	J-QC/FLS	<0.0378	K	0.0295
2.74	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.094	J-QC/FFB/FMS	0.0340
2.31	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.214	J-QC/FMS	0.0487
3.88	BJ-QCJ-HT/FBK/FFBFLSEHT	9		1.015		0.0500
4.09	BJ-QCJ-HT/FBK/FFBFLSEHT	9		1.015		0.0470
1.91	BJ-QC/FBK/FFBFLS	<2	K	0.241	J-QC/FMS	0.0394
1.77	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.063	J-R	0.0412
1.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.099	J-QC/FMS	0.0277
1.64	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.115	J-QC/FMS	0.0272
2.57	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	<0.0378	K	0.0305
1.41	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.110	J-QC/FMS	0.0358
[redacted]						
—	NA	<2	KJ-QC/FMS	0.172	J/LLS	0.0264
—	NA	<2	KJ-QC/FMS	0.156	J/LLS	0.0278
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.245	J-QC/LLS/FMS	0.0244
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.257	J-QC/LLS/FMS	0.0237
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.068	J-QC/LLS/FMS	0.0122
—	NA	<2	KJ-QC/FMS	0.063	J-QC/LLS/FMS	0.0132
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0266
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0182
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	K	<0.0217	K	0.0324
—	NA	<2	K	<0.0217	K	0.0332

—	NA	4	J-QC/FMS	0.114	J/LLS	0.0400
—	NA	4	J-QC/FMS	0.125	J/LLS	0.0399
1.75	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FMS	<0.0217	KJ-QC/FSL/FMS	0.0375
1.97	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.221	J/LLS	0.0459
1.89	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.244	J/LLS	0.0460
1.76	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.125	J-QC/LLS/FMS	0.0190
1.78	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.159	J/LLS	0.0334
1.28	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.165	J/LLS	0.0355
1.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.096	J-QC/LLS/FSL	0.0177
1.77	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.153	J-QC/LLS/FMS	0.0231
2.01	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.165	J-QC/LLS/FMS	0.0238
2.98	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FMS	0.159	NJ/LLS	0.0197
1.98	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FMS	0.142	NJ/LLS	0.0182
1.85	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0254
2.16	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0241
1.85	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0243
1.73	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0238
1.25	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0365
1.57	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0371
1.70	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0174
1.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC	0.0309
1.45	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0151
1.96	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FMS	0.151	J-R/LLS	0.0358
1.77	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0244
1.96	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0236
0.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.139	J-R/LLS	0.0416
<0.30	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEH	<2	KJ-QC/FMS	0.259	J/LLS	0.0422
1.56	3J-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.235	J/LLS	0.0425
1.47	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.181	J-RJ-QC/LLS/FFDRPO	0.0239
1.44	BJ-QC/FBK/FFBFLS	<2	K	0.259	J/LLS	0.0536
1.53	BJ-QC/FBK/FFBFLS	<2	K	0.247	J/LLS	0.0562
1.63	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.109	J-RJ-QC/LLS/FFB	0.0227
1.68	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.103	J-RJ-QC/LLS/FFB	0.0223
[redacted]						
3.78	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC/FLS	0.386	J/LLS	0.0323
3.50	BJ-QCJ-HT/FBK/FFBFMS	5	J-QC/FLS	0.365	J/LLS	0.0342
1.62	BJ-QCJ-HT/FBK/FFB	<2	KJ-QC	0.191	J-QC/LLS/FFB	0.0528
1.79	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.199	J-QC/LLS/FFB	0.0310
1.80	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.091	J/LLS	0.0137
1.72	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.102	J/LLS	0.0140
1.98	BJ-QC/FBK/FFB	<2	KJ-QC	0.227	J-QC/LLS/FFB	0.0178
1.44	BJ-QC/FBK/FFBFMS	<2	K	0.068	J/LLS	0.0077
1.69	BJ-QC/FBK/FFB	<2	K	0.205	J/LLS	0.0194
1.50	BJ-QC/FBK/FFB	<2	K	0.250	J/LLS	0.0156
1.80	BJ-QC/FBK/FFB	<2	K	0.148	J-QC/LLS/FFB	0.0200
2.36	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.045	J-RJ-QC/LLS/FFBFSL	0.0317
2.39	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.045	J-RJ-QC/LLS/FFBFSL	0.0307
2.13	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.273	J/LLS	0.0333
1.97	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.199	J-QC/LLS/FFB	0.0279
1.92	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.182	J-QC/LLS/FFB	0.0275

1.89	BJ-QC/FBK/FFBFFDFLDRPOFMS	3	J-QC/FLS	—	NRP/LBF	0.0266
3.48	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.240	J/LLS	0.0382
1.97	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0250
2.00	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0255
2.96	BJ-QC/FBK/FFB	<2	KJ-QC	0.212	J/LLS	0.0242
1.86	BJ-QCJ-HT/FBK/FFBFMS	4	J-QC/FLS	<0.0267	KJ-QC/FMS	0.0241
1.98	BJ-QCJ-HT/FBK/FFBFMS	4	J-QC/FLS	<0.0267	KJ-QC/FMS	0.0245
1.98	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.084	J/LLS	0.0514
1.76	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0368
1.74	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0373
1.59	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	<0.0267	K	0.0397
1.96	BJ-QCJ-HT/FBK/FFBFMS	3		<0.0267	K	0.0350
1.64	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0472
1.73	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0719
2.16	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0472
1.91	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.181	J-QC/LLS/FSL	0.0663
1.91	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.164	J-QC/LLS/FSL	0.0684
1.67	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.187	J/LLS	0.0744
1.57	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.047	J-RJ-QC/LLS	0.0181
1.77	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-HT	0.114	J/LLS	0.0217
1.78	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-HT	0.120	J/LLS	0.0216

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	1.47	0.177	0.14	1.5
[redacted]				
	1.44	0.139	0.12	1.93
	1.67	0.291	0.16	2.76
	1.89	0.163	0.15	1.84
	1.63	0.160	0.16	9.92
	1.61	0.171	0.18	16.7
	1.66	0.309	0.24	22.1
	1.40	0.195	0.17	8.54
	1.47	0.315	0.26	16.7
	1.83	0.241	0.21	10.6
	1.69	0.259	0.21	7.9
	1.75	0.291	0.29	4.0
	1.91	0.272	0.31	9.9
	1.77	0.412	0.43	6.1
	3.04	0.190	0.27	23.1
	1.58	0.393	0.32	10.3
	2.51	0.530	0.45	48.0
	1.76	0.494	0.37	38.0
	1.54	0.363	0.36	5.89
	1.73	—	0.20	10.72
	1.27	0.370	0.39	4.48
	2.03	0.353	0.36	5.26
	1.94	0.354	0.33	3.26
	1.52	0.236	0.24	7.06
	1.51	0.288	0.29	7.95
	1.74	0.262	0.34	3.27
	1.12	0.236	0.19	3.27
	1.66	0.272	0.46	8.72
	1.03	0.194	0.18	2.23
	2.83	0.376	0.36	1.63
	2.55	0.327	0.31	2.04
	1.91	0.363	0.37	2.24
	1.22	0.233	0.21	4.24
	1.09	0.153	0.20	2.8
[redacted]				
	1.11	0.125	0.11	2.96
	2.72	0.113	0.25	2.36
	1.52	0.146	0.12	3.06
	1.88	0.168	0.16	4.60
	1.88	0.140	0.14	14.12
	0.76	0.125	0.16	7.46
	1.80	0.194	0.14	24.21
	1.78	0.427	0.37	15.03
	1.86	0.242	0.30	17.74
	1.74	0.304	0.29	—

2.44	0.343	—	—
2.39	0.342	0.33	—
1.81	0.389	—	—
1.78	0.390	0.44	—
1.38	0.389	—	—
1.88	0.431	0.32	—
1.70	0.377	0.31	—
1.53	0.616	0.72	—
1.61	0.437	0.41	—
1.29	0.577	0.56	—
1.91	0.651	0.59	—
1.26	0.634	0.67	—
1.54	0.376	0.33	—
2.10	0.488	0.37	—
1.91	0.435	0.43	—
1.69	0.328	0.35	—
1.45	0.196	0.24	—
2.87	0.260	0.29	—
1.96	0.230	0.21	—
2.05	0.250	0.29	—
[redacted]			
1.30	0.08	0.10	—
0.95	0.10	0.09	—
1.27	0.086	0.07	—
1.44	0.134	0.11	—
2.49	0.026	0.20	—
2.56	0.255	0.22	—
2.22	0.305	0.24	—
1.86	0.309	0.24	—
1.52	0.310	0.24	—
2.00	0.276	—	—
1.13	0.258	—	—
1.51	0.224	0.31	—
1.97	0.201	0.34	—
1.05	0.573	0.32	—
1.02	0.259	0.25	—
1.58	0.377	0.17	—
1.19	0.213	0.26	—
1.03	0.303	0.27	—
1.18	0.375	—	—
1.92	0.350	—	—
1.40	0.357	0.16	—
1.74	0.285	0.25	—
1.28	0.286	0.32	—
2.10	0.495	0.47	—
2.73	0.296	0.29	—
1.39	0.367	0.38	—
1.22	0.479	0.57	—
1.55	0.451	0.46	—
1.29	0.357	0.33	—

0.04	0.249	0.21	—
2.20	0.397	0.40	—
1.06	0.233	0.21	—
0.83	0.148	0.14	—
1.62	0.177	0.17	—
2.84	0.225	0.23	—
[redacted]			
1.59	0.181	<0.01	7.8
1.82	0.164	0.15	3.8
2.77	0.294	0.27	2.9
1.20	0.335	0.30	3.6
2.81	0.228	0.23	7.5
1.96	0.171	0.12	7.6
1.29	0.120	0.07	56.7
1.67	0.167	0.12	9.7
1.67	0.160	0.12	10.3
0.697	0.118	0.05	65.3
0.657	0.121	0.05	68.0
0.797	0.117	0.09	102.6
1.34	0.186	—	30.3
1.82	0.326	0.11	29.1
1.77	0.307	0.12	18.7
2.38	0.356	0.19	12.7
2.21	—	0.19	11.5
1.45	0.267	0.21	13.8
1.48	0.386	0.21	18.3
1.89	0.443	0.22	14.7
1.89	0.466	0.22	14.6
1.88	0.315	0.01	10.1
2.23	0.309	0.24	11.0
2.92	0.381	0.28	21.8
1.94	0.320	0.14	9.2
2.39	0.367	0.33	9.3
2.40	0.393	0.35	9.2
1.24	0.500	0.37	5.8
1.26	0.319	0.26	18.9
1.15	0.411	0.04	12.7
0.917	0.432	0.08	14.5
0.811	0.300	0.22	11.3
1.84	0.325	0.28	6.5
1.83	0.334	0.28	6.2
1.38	0.274	0.22	12.1
2.57	0.289	0.21	6.0
2.40	0.353	0.28	11.8
2.20	0.29	0.25	5.7
2.20	0.27	0.26	7.3
1.68	0.24	0.20	—
2.14	0.30	0.29	5.3
2.12	0.27	0.28	5.4
2.86	0.33	0.30	5.4

2.81	0.34	0.31	5.5	
2.82	0.42	0.37	<3.0	
1.77	0.29	0.25	<3.0	
1.84	0.30	0.25	<3.0	
2.07	0.33	0.20	<3.0	
2.03	0.32	0.21	<3.0	
[redacted]				
2.37	0.20	0.17	4.6	
2.22	0.19	0.18	4.9	
1.52	0.14	0.10	3.0	
1.29	0.12	0.10	2.8	J-R
0.426	0.09	0.05	5.2	
0.362	0.10	0.05	5.3	
1.79	0.16	0.13	<1.1	
1.98	0.20	0.13	<1.1	
1.95	0.24	0.15	7.6	
1.88	0.24	0.14	7.4	
1.53	0.20	0.12	5.7	
1.16	0.24	0.15	5.2	
1.11	0.19	0.14	5.4	
2.03	—	—	18.2	
1.69	0.23	0.23	12.6	
1.72	0.24	0.02	18.4	
1.89	0.30	0.21	25.6	
1.85	0.31	0.22	23.6	
2.04	0.22	0.27	13.9	
1.98	0.22	0.26	11.8	
2.14	0.31	0.23	19.3	
2.15	0.03	0.26	15.1	
1.37	0.27	0.32	11.8	
1.34	0.23	0.30	10.5	
2.05	0.34	0.57	5.1	
2.05	0.37	0.59	5.3	
2.01	0.31	0.26	11.6	
2.13	0.30	0.26	11.1	
1.45	0.39	0.31	9.2	
1.43	0.35	0.36	9.4	
0.954	0.32	0.29	8.8	
1.17	0.44	0.34	22.6	
1.29	0.43	0.31	26.8	
1.37	0.31	0.31	80.8	
2.41	0.39	0.33	4.5	J-R
1.39	0.39	0.40	5.7	
0.949	0.24	0.24	4.4	J-R
0.716	0.27	0.25	4.1	J-R
2.18	0.26	0.25	9.2	
1.86	0.24	0.23	8.2	
2.00	0.23	0.22	8.4	
[redacted]				
2.82	0.21	0.23	4.9	

	2.02	J-QC/FFB	0.23	J-QC/FFB	0.20		5.0	J-HT/EHT
	2.16	J-QC/FFB	0.19	J-QC/FFB	0.19		4.9	J-HT/EHT
	2.40	J-QC/FLS	0.19		0.19		4.9	
J-QC/FFB	1.10	J-QC/FFB	0.22	J-QC/FFB/FFDRPO	0.15		4.9	J-HT/EHT
J-QC/FFB	1.10	J-QC/FFB	<0.05	KJ-QC/FFB/FFDRPO	0.13		5.0	J-HT/EHT
	1.56		0.24	J-QC/FFD/RPO	0.18		9.4	J-QC/FFD/RPO
J-QC/FFB	1.02	J-QC/FFB	0.20		0.17		<2.4	K
J-QC/FFB	1.02	J-QC/FFB	0.21		0.17		<2.4	K
J-QC/FFB	1.72		0.18		0.16		0.9	J-R
J-QC/FFB	1.57		0.17		0.16		0.9	J-R
	2.12	J-QC/FFB	0.47		0.20		2.4	
	—	NAP	0.21		0.19		4.9	
	—	NAP	0.21		0.18		5.0	
J-QC/FFB	1.58		0.16		0.15		1.6	J-R
	0.869		0.17		0.16	J-QC/FFB/FFDRPO	2.1	
J-QC/FFB	1.46		0.18		0.15		17.6	
	1.79	J-QC/FFB	0.15	J-QC/FFD/RPO	0.12		60.8	
	1.75	J-QC/FFB	0.11	J-QC/FFD/RPO	0.13		60.6	
	1.63		0.34	J-QC/FFB	0.19		28.4	
	1.58		0.25	J-QC/FFB	0.21		7.6	
	1.55		0.24	J-QC/FFB	0.21		7.3	
	1.19		0.19		0.17	J-QC/FFB	1.4	J-R
J-QC/FFB	1.35		0.27		0.21		4.8	
	1.59	J-QC/FFB	0.23		0.22		11.2	
	1.63	J-QC/FFB	0.20		0.22		11.4	
	1.34		0.24		0.20		4.6	
	1.96		0.23		0.20		4.0	
	1.91		0.24		0.22		4.7	
	1.87	J-QC/FFB	0.25		0.19		9.6	
J-QC/FFB	2.23		0.17		0.26	JCJ-QC/FFB	3.7	
	2.91		0.29		0.26	J-QC/FFB	5.0	
	2.78		0.29		0.26	J-QC/FFB	3.9	
J-QC/FFB	2.10		0.26		0.24		4.6	
	2.23		0.22		0.22		3.0	
	1.07		0.12	J-QC/FFD/RPO	0.10		4.3	
[redacted]								
	1.27		0.16		0.10		1.6	J-R
	1.25		0.13		0.11		1.7	J-R
	1.54		0.14		0.12		3.0	J-QC/FFD/RPO
	1.16		0.11		0.06		12.7	
J-QC/FLS	0.617		0.08		0.06		9.9	
J-QC/FLS	0.607		0.08		0.05		10.0	
	0.935		0.22		0.09		7.6	J-QC/FFD/RPO
	1.52		0.25		0.20		7.2	
	1.58		0.24		0.20		7.4	
	1.80		0.20		0.18		24.9	
	1.63		0.23		0.21	J-QC/FLD/RPOFLS	25.8	
	1.75		0.30		0.22		12.0	
	1.85		—	NAPQNS	—	NAPQNS	12.1	
J-QC/FFB	1.09		0.31		0.27		13.7	

	2.21		0.35		0.27		31.7	
J-QC/FFD/RPO	1.59		0.36		0.28		20.6	
	1.19		0.39		0.34		16.5	
	1.32		0.38		0.32		16.6	
	1.25		0.40		0.35		4.5	
	1.13		0.35		0.31		4.1	
	1.43		0.42		0.33		3.9	
	1.46		0.35		0.29		4.2	
	1.20		0.41		0.36	J-QC/FLD/RPOFLS	13.5	
	1.16		0.41		0.36	J-QC/FLD/RPOFLS	13.2	
	1.42		0.27	J-QC/FLD/RPOFLS	0.25		12.8	
	0.847		0.30		0.28		7.5	
	0.804		0.33		0.29		6.6	
	1.86		0.31		0.28		16.8	
	1.48		0.28		0.27		7.0	
	1.80		0.30		0.27		9.7	
	1.03		0.27		0.24		12.8	
	0.970		0.28		0.24		12.3	
	4.93		0.26		0.23		14.2	
	1.84		0.27		0.24		4.3	J-QC/FFD/RPO
	1.91		0.31	J-QC/FFD/RPO	0.22		10.6	J-QC/FFD/RPO
	1.06		0.34		0.20	J-QC/FFD/RPO	5.6	
	2.90		0.50		0.38		7.0	
	2.94		0.45		0.43		7.2	
	1.43		0.21		0.19		7.3	
[redacted]								
	2.2150		0.22		0.20		2.2	J-R
A/LBF	2.2210		0.21		0.18		2.3	J-R
	2.3900		0.19	J-QC/FFB	0.17		3.2	
	2.9100		0.23	J-QC/FFB	0.18		3.1	
	0.6278		0.21	J-QC/FFD/RPO	0.09		3.0	J-QC/FFD/RPO
	0.4490	J-QC/FFB	0.16		0.15		10.1	
	0.4758	J-QC/FFB	0.17		0.17		11.0	
	0.8157		0.16		0.08		14.1	
	1.6609		0.12		0.10		23.2	
	1.5724		0.15		0.10		23.6	
	0.7600		0.16		0.15		4.7	
	0.8787	J-QC/FLS	0.14		0.13		5.1	
	0.8233	J-QC/FLS	0.12		0.11		5.0	
J-QC/FFD/RPO	0.9738		0.15		0.16		5.1	
	0.8539		0.25		0.19		32.6	
	1.7927	J-QC/FLS	0.23		0.18		9.1	
	1.2960	J-QC/FLS	0.20		0.17		7.9	
	1.4078	J-QC/FLS	0.19		0.17		7.6	
J-QC/FFB	1.4675	J-QC/FLS	—	A/LBF	0.12		14.6	J-QC/FFD/RPO
J-QC/FFB	1.3290		0.23	J-QC/FFD/FLDRPOFLS	0.20	J-QC/FLS	25.2	J-QC/FFD/RPO
	1.3534		0.22		0.19		36.4	
	1.1487		0.39		0.29		13.5	
	1.1262		0.39		0.29		13.0	
	1.4566	J-QC/FFB	0.33		0.30		15.7	

	1.3912		0.26		0.23		17.8	
	1.4378		0.25		0.23		20.1	
	1.4596		0.20		—	A/LBF	30.2	
	1.3552		0.19		0.16		6.3	
	1.3385		0.19		0.16		7.2	
	0.9926	J-QC/FFB	0.27		0.17	J-QC/FFB	5.7	
	0.5427		0.11		0.16		8.14	
	0.8341	J-QC/FFD/RPO	0.12		0.12		12.9	
	0.5751	J-QC/FFD/RPO	0.12		0.10		12.6	
	1.5176		0.19		0.15		43.9	
	1.0059		0.12		0.12		3.98	
	0.9998		0.12		0.12		3.43	
J-QC/FFB/FFDRPO	1.2839		0.12		0.13		3.35	
	5.7832		0.14		0.14		2.45	
J-QC/FFB	1.0981		0.18	J-QC/FFD/RPO	0.15		3.72	
J-QC/FFB	1.6845		0.16		0.14		11.5	
J-QC/FFB	1.6410	J-QC/FFB	0.13		0.11		12.5	
	1.8185		0.15		0.12		16.5	J-QC/FSL
J-QC/FFB	1.7471	J-QC/FFB	0.22		0.15		8.10	J-QC/FSL
J-QC/FFB	1.3914		0.20		0.17		10.0	
J-QC/FFB	1.5437		0.20		0.15		13.2	
J-QC/FFB	2.0777		0.22		0.19		19.0	
J-QC/FFB	2.1452		0.22		0.20		6.75	
	1.1106	J-QC/FLS	0.35	J-QC/FFB	0.28		5.50	
	1.1038	J-QC/FLS	0.34	J-QC/FFB	0.28		5.87	
	1.4924		0.81		0.22		3.97	
J-QCJ-HT/FFB/EHT	1.4991		0.22		0.18	J-QC/FFD/RPO	5.03	
	2.1188		0.19		0.20		8.22	
	2.1660		0.20		0.21		9.64	
	1.2990	J-HT/EHT	0.25		0.19		79.2	
	1.8247	J-QC/FLS	0.22		0.20		17.1	
	1.7984		0.33	J-QC/FFD/RPO	0.25	J-QC	4.93	
	1.5505		0.23	J-QC/FFD/RPO	0.21	J-QC	5.69	
	1.4502	J-QC/FFB	0.15	J-QC	0.13	J-QC	3.76	J-QC/FFD/RPO
	1.5005	J-QC/FFB	0.13	J-QC	0.12	J-QC	2.12	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
	1.1642		0.12	J-QC	0.08	J-QC	5.04	J-QC/FFB
	1.0686		0.12	J-QC	0.08	J-QC	5.42	J-QC/FFB
NA	—	NA	—	NA	—	NA	—	NA
J-QC/FFD/RPO	1.6081		0.11	J-QC	0.14	J-QC	28.6	J-QC/FFB
J-QC/FFD/RPO	1.5725		0.12	J-QC	0.17	J-QC	30.1	J-QC/FFB
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
	1.5793		0.19		0.17	J-QC	22.8	J-QC/FFD/RPO
	1.4823		0.17		0.18	J-QC	37.0	J-QC/FFD/RPO

J-HT/EHT	2.3562	J-QC/FFB	0.26	[redacted]	0.21	J-QC	10.3	J-QC/FFD/RPO
J-HT/EHT	2.3868	J-QC/FFB	0.21		0.19	J-QC	15.9	J-QC/FFD/RPO
	1.1249	[redacted]	0.24		0.20	[redacted]	2.54	J-QC/FFD/RPO
	1.9481	J-QC/FLS	0.28		0.22	J-QC	1.52	J-QC/LLS/FFDRPC
	1.9601	J-QC/FLS	0.28		0.22	J-QC	2.47	J-QC/FFD/RPO
J-QC/FFB	0.8421	[redacted]	0.18		0.17	J-QCJ-HT/EHT	0.959	J-QC/LLS/FFB
	2.4113		0.29	J-QC/FMS	0.23	[redacted]	1.10	J-QC/LLS/FFB
	1.9279		0.24	J-QC/FMS	0.22		1.48	J-QC/LLS/FFB
	0.8460		0.13	J-QC/FFD/FLDRPO	0.13		—	A/LBF
J-QCJ-HT/FFB/EHT	0.9725		0.15	[redacted]	0.14	J-QC	1.45	J-QC/LLS
J-QCJ-HT/FFB/EHT	0.7709		0.16		0.13	J-QC	—	A/LBF
	1.5979	[redacted]	0.39	[redacted]	0.23	[redacted]	4.16	[redacted]
	1.4696		0.34		0.21		4.67	
	1.0958	J-QC/FLS	0.28	J-QC/FLD/RPOFSL	0.15		2.76	J-QC/FSL
	1.4719	[redacted]	0.26	[redacted]	0.25		2.48	[redacted]
	1.4297		0.27		0.25		2.63	
	1.4683	J-QC/FLS	0.23		0.20	J-QC/FLD/RPO	2.66	
J-QC/FLS	1.5941	[redacted]	0.25	J-QC	0.24	[redacted]	6.73	
J-QC/FLS	1.7309		0.24	J-QC	0.24		5.87	
J-HT/EHT	1.8000	[redacted]	0.19	J-QC/FFD/FLDRPOFMS	0.18	[redacted]	4.83	J-QC/FFD/RPO
J-QC	1.3966	J-QC	0.22	J-QC/FLD/RPO	0.22	J-QC	4.40	J-QC
	1.4591	J-QC/FFB	0.24	J-QC	0.23	J-QC	1.21	J/LLS
	1.3553	J-QC/FFB/FLS	0.23	[redacted]	0.22	[redacted]	2.39	J-QC/FFB/FFDRPC
J-QC/FFB	2.5913	[redacted]	0.25	J-QC/FMS	0.24		9.43	J-QC/FFB
J-QC/FFB	2.5961		0.24	J-QC/FMS	0.24		8.59	J-QC/FFB
J-QC/FFB/FFDRPO	1.5008		0.25	[redacted]	0.24		6.73	J-QC/FFB
	1.6865	J-QC/FFB	0.22		0.24	J-QC	12.2	J-QC/FFB
	1.7173	J-QC/FFB	0.20		0.25	J-QC	9.92	J-QC/FFB
	2.2389	J-QC/FLS	0.24		0.21	[redacted]	12.9	[redacted]
	2.3337	[redacted]	0.29	J-QC	0.25	J-QC	12.0	J-HT/EHT
	2.3705		0.30	J-QC	0.26	J-QC	12.1	J-HT/EHT
J-QC/FFB	1.9974		0.37	J-QC/FLD/RPO	0.31	[redacted]	4.29	[redacted]
J-QC/FFB	1.8374		0.34	J-QC/FLD/RPO	0.28		4.30	
[redacted]								
	1.5782	J-QCJ-HT/FFB	0.26		0.24		1.97	J/LLS
	1.2464	J-QCJ-HT/FFB	0.25		0.23		1.86	J/LLS
J-QC/FFB	2.3976		0.20	J-QC	0.19	J-QC	0.96	J-QC/LLS/FFB
J-QC/FFB/FFDRPO	1.8139	J-HT	0.18		0.16		4.78	
	0.8156		0.10		0.07		3.65	
	0.7878		0.10		0.08		3.71	
J-QC/FFB	0.7463	J-QC	0.17	J-QC/FFB/FMS	0.13	J-QC/FFB	2.72	J-QC
J/LLS	0.6251		0.08	J-QC/FFB	0.06		4.05	
J-QC/FFB	1.0226		0.14	J-QC/FFB/FMS	0.13	J-QC/FFB	2.72	
J-QC/FFB	1.0321		0.15	J-QC/FFB/FMS	0.12	J-QC/FFB	2.89	
	1.0311	J-QCJ-HT/FLS	0.13		0.10		3.73	
J-QCJ-HT/FFB	1.5963		0.16		0.10		35.6	
J-QCJ-HT/FFB	1.6474		0.18		0.10		39.5	
J-QC/FFB	1.5732		0.16	J-QC/FMS	0.15		13.2	
J-QC/FFB	1.1967		0.25		0.20		12.0	
J-QC/FFB	1.0582		0.23		0.21		12.3	

J-QC/FFB	1.2896		0.19	J-QC/FFB	0.14		88.8	J-QC/FFD/RPO
J-QC/FFB	1.4632		0.27	J-QC/FMS	0.22		19.7	
J-QCJ-HT/FFB	1.7538	J-QC/FLS	0.20		0.15		18.6	
J-QCJ-HT/FFB	1.8409	J-QC/FLS	0.19		0.14		19.4	
J-QC	1.1251	J-HT	0.22		0.18		12.6	
	1.6034		0.23		0.17		11.3	
	1.6252		0.23		0.17		11.0	
	1.3037		0.24		0.20		41.0	
J-QC/FFB	1.5762	J-HT	0.24		0.18		9.98	
J-QC/FFB	1.5980	J-HT	0.24		0.15		10.7	
J-QC/FFB	1.6204		0.25	J-QC/FMS	0.21		39.4	
	2.1944		0.27	J-QC/FFB	0.21		19.3	
J-QC/FFB/FFDRPO	1.0203		0.23	J-QC	0.21	J-QC	30.0	
J-QC/FFB/FFDRPO	1.0313		0.23	J-QC	0.21	J-QC	34.2	
J-QC/FFB	1.9648		0.24		0.20		13.6	
	2.0735		0.32		0.24		7.43	
	2.0964		0.28		0.23		7.61	
J-QC/FFB	2.0118		0.32		0.26	J-QC	8.04	
J-QCJ-HT	3.5331	J-QC	0.60	J-QC	0.51	J-QC/FFB	2.24	J-QC
J-QC/FFB	1.1609		0.23		0.18		2.78	
J-QC/FFB	1.1402		0.20		0.17		2.71	

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
5.5	0.00	0.00
[redacted]		
4.2	0.00	0.00
4.5	0.00	0.00
3.6	0.00	0.00
8.5	0.00	0.03
3.1	0.03	0.18
5.7	0.32	1.41
6.5	0.07	0.16
5.0	0.00	0.04
1.2	0.00	0.03
5.2	0.00	0.23
3.2	0.10	0.10
4.3	0.01	0.01
3.9	0.00	0.05
2.2	0.00	0.00
2.6	0.00	0.00
1.9	0.00	0.00
2.1	0.00	0.00
6.2	0.00	0.00
12.3	0.00	0.00
9.7	0.00	0.18
11.5	0.00	0.00
8.1	0.45	0.69
6.1	0.00	0.00
0.7	0.00	0.00
9.2	0.00	0.00
8.2	0.00	0.00
6.2	0.00	0.00
5.8	0.00	0.00
8.7	0.00	0.39
4.8	0.00	0.00
7.5	0.00	0.00
6.4	0.00	0.00
5.1	0.00	0.00
[redacted]		
3.3	0.09	0.28
<0.5	0.01	0.01
1.7	0.14	0.27
<0.5	0.00	0.00
<0.5	0.00	0.00
1.6	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
1.4	0.05	0.05

—	0.00	0.40	[redacted]
1.4	0.00	0.00	
—	0.00	0.00	
4.2	0.50	0.50	[redacted]
—	0.95	1.78	
4.0	0.12	0.12	
4.2	0.00	0.40	
16.0	0.00	0.07	
4.0	0.00	0.00	
5.7	0.00	0.00	
4.7	0.08	0.66	
4.9	0.00	0.00	[redacted]
4.0	0.00	0.03	
5.6	0.00	0.00	
3.5	0.00	0.00	
3.4	0.05	0.05	
4.7	0.71	1.51	
28.3	0.30	0.30	
8.1	0.57	0.57	
7.2	0.00	0.00	[redacted]
[redacted]			
6.4	0.00	0.00	
5.4	0.00	0.63	
5.4	0.00	0.00	
<0.5	0.00	0.00	
4.3	0.00	0.00	
12.3	0.00	0.00	
3.7	0.00	0.41	
6.1	0.00	0.00	
7.4	0.00	0.00	
—	0.00	0.00	
—	0.39	0.39	
2.0	0.00	0.00	
6.4	0.00	0.00	
4.2	0.17	1.04	
4.5	0.00	0.00	
3.3	0.00	0.00	
3.6	0.25	1.44	
5.6	0.33	2.38	
—	1.56	1.56	
—	0.36	0.36	
9.2	0.00	0.00	
7.4	0.00	0.00	
6.4	1.04	1.04	
7.1	0.02	0.02	
5.9	0.00	0.00	
6.8	0.57	1.19	
4.2	0.35	0.35	
7.0	0.00	0.00	
4.8	0.00	0.00	

4.3	0.00	0.00
7.1	0.55	2.41
4.8	0.00	0.00
3.7	0.00	0.00
2.0	0.00	0.00
1.4	0.00	0.00
[redacted]		
2.1	0.00	0.01
1.5	0.02	0.02
0.6	0.00	0.00
—	0.00	0.00
6.1	0.00	0.00
2.0	0.00	0.00
<0.5	0.00	0.01
1.7	1.98	1.98
1.4	1.98	1.98
2.9	0.00	0.00
2.9	0.00	0.00
3.1	0.00	0.32
3.5	0.00	0.00
2.5	0.00	0.02
2.5	0.00	0.02
2.9	0.00	0.00
2.3	0.00	0.00
2.7	0.00	0.00
2.5	0.00	0.00
2.7	0.00	1.63
2.7	0.00	1.63
3.7	0.00	0.00
3.8	0.00	0.00
4.4	0.28	0.50
5.8	0.19	0.48
3.2	0.06	0.06
2.9	0.06	0.06
6.3	0.44	0.44
3.6	0.00	0.00
6.3	0.00	0.00
5.3	0.00	0.00
7.3	0.00	0.01
7.3	0.00	1.48
5.0	0.00	1.48
4.8	0.00	0.00
5.6	0.00	0.00
4.8	0.00	1.09
9.4	0.00	0.00
8.8	0.00	0.00
5.7	0.00	0.00
7.4	0.65	0.72
6.9	0.65	0.72
5.9	0.00	0.00

5.3	0.00	0.00
6.7	0.12	0.42
6.1	0.00	0.00
6.1	0.00	0.00
4.3	0.06	0.06
4.1	0.06	0.06
[redacted]		
18.2	0.09	0.10
8.6	0.09	0.10
4.4	0.00	0.19
3.7	0.00	0.19
4.3	0.00	0.00
3.4	0.00	0.00
3.5	0.00	0.00
3.3	0.00	0.00
5.6	0.00	0.00
5.0	0.00	0.00
5.5	0.00	0.00
5.7	0.05	0.71
5.1	0.05	0.71
—	0.00	0.00
5.2	0.86	0.86
6.2	0.86	0.86
5.7	0.00	0.00
6.0	0.00	0.00
6.1	0.09	0.09
5.8	0.09	0.09
5.7	0.00	0.14
5.4	0.00	0.14
5.2	0.00	0.00
4.6	0.00	0.00
7.1	0.00	0.00
4.0	0.00	0.00
6.2	0.80	0.80
5.8	0.80	0.80
6.5	1.70	1.70
6.0	1.70	1.70
6.3	0.00	0.00
7.0	0.18	0.18
6.2	0.18	0.18
3.8	0.00	0.00
—	0.00	0.00
4.3	0.00	0.00
5.7	0.00	0.00
4.7	0.00	0.00
7.0	0.44	0.59
4.7	0.00	0.00
4.6	0.00	0.00
[redacted]		
4.6	0.00	1.25

4.3		0.00	0.05
3.2		0.00	0.05
4.8		0.00	0.00
5.7		0.00	0.78
5.3		0.00	0.78
5.0	J-QC/FFD/RPO	1.47	2.10
7.6		0.00	0.00
6.8		0.00	0.00
6.4		0.00	0.00
5.9		0.00	0.00
7.6		0.10	0.10
6.3		0.01	1.73
6.4		0.01	1.73
6.2		0.00	0.01
6.0		0.43	0.43
5.6		0.00	0.08
5.4		0.00	0.00
6.0		0.00	0.00
5.0		0.00	1.44
5.4		0.00	3.33
5.1		0.00	3.33
6.7		0.00	0.00
8.5		0.04	0.04
7.2		0.00	1.13
6.1		0.00	1.13
6.7	J-QC/FFB	0.00	0.00
7.0	J-QC/FFB	0.00	0.00
6.6	J-QC/FFB	0.00	0.00
5.7	J-QC/FFB	0.00	0.00
5.2	J-QC/FFB	0.02	0.02
4.8	J-QC/FFB	0.04	0.04
4.7	J-QC/FFB	0.04	0.04
4.5	J-QC/FFB	0.06	0.06
5.4		0.21	0.21
5.4	J-QC/FFB	0.00	0.00
[redacted]			
5.90		0.00	0.00
5.90		0.00	0.00
39.40	J/OUT	0.00	0.07
4.70		0.00	0.00
5.10		0.00	0.00
5.20		0.00	0.00
6.31		2.03	2.03
4.50		0.47	0.47
—		0.47	0.47
5.00		1.43	1.43
5.60		0.00	0.00
5.71		0.00	0.00
—	NAPQNS	0.00	0.00
5.39		0.02	1.13

5.03	J-QC/FFD/RPO	0.00	0.00
5.86		0.00	0.43
5.00	J-QC/FFB	0.00	0.00
5.10	J-QC/FFB	0.00	0.00
4.60		0.00	0.00
4.60		0.00	0.00
5.30		0.00	0.00
5.40		0.00	0.00
4.80	J-QC/FFB	0.00	0.00
4.60	J-QC/FFB	0.00	0.00
4.50	J-QC/FFB	0.01	0.01
4.70	BJ-QC/FBK/FFB	0.00	0.00
4.90	BJ-QC/FBK/FFB	0.00	0.00
5.10	J-QC/FFB	0.00	0.00
4.70	J-QC/FFB	0.00	0.71
5.00	BJ-QC/FBK/FFB	0.00	0.00
4.20	J-QC/FFB	0.00	0.00
4.70	J-QC/FFB	0.00	0.00
4.40	J-QC/FFB	0.00	0.00
3.80		0.09	0.09
4.20		0.00	0.16
6.40		0.00	0.01
6.40		0.00	0.15
6.10		0.00	0.15
7.80		0.00	0.00
[redacted]			
5.1		0.00	0.00
4.4		0.00	0.00
5.2	J-QC/FFB	0.00	0.10
5.1	J-QC/FFB	0.00	0.10
5.6		0.00	0.00
3.9		0.00	0.97
3.6		0.00	0.97
5.6	B/FBK	0.00	0.57
6.9	BJ-QC/FBK/FFDFLDRPOFSL	0.00	0.00
17.3	BJ-QC/FBK/FFDFLDRPOFSLOUT	0.00	0.00
4.8	J-QC/FFD/RPO	0.01	2.40
6.3		0.00	0.00
5.7		0.00	0.00
5.2		0.00	0.00
4.7		0.12	0.12
3.5		0.04	0.05
4.5	J-QC/FFB	0.01	0.09
4.8	J-QC/FFB	0.01	0.09
4.7		0.00	0.00
4.9	J-QC/FFB	0.00	0.00
5.0	J-QC/FFB	0.17	0.17
5.4	J-QC/FFB	0.00	0.00
5.0	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB	0.00	0.00

4.3	J-QC/FFB	0.69	0.69
4.1	J-QC/FFB	0.69	0.69
4.2	J-QC/FFB	0.00	0.00
5.0		0.00	0.22
4.9		0.00	0.22
7.7	J-QC/FFB	0.00	0.00
5.8	J-QC/FFB	1.42	2.78
6.3	J-QC/FFB	0.00	0.00
6.0	J-QC/FFB	0.00	0.00
6.1	J-QC/FFB	0.04	0.12
5.5	J-QC/FFB	1.52	1.59
5.4	J-QC/FFB	1.52	1.59
5.0	J-QC/FFB	0.99	1.00
4.8	J-QC/FFB	0.84	0.84
4.9	J-QC/FFD/RPO	0.23	2.42
3.4		1.48	1.62
3.3	J-QC/FFB	0.01	0.03
3.8	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
5.1		0.02	0.02
5.2		0.91	1.11
5.3		0.91	1.11
4.4	J-QC/FFB	0.21	0.48
4.2		0.00	0.18
4.9		1.94	1.94
4.8		1.94	1.94
5.9	J-QC/FFB	0.00	0.02
4.7		0.58	0.60
5.0	B/FBK	0.00	0.93
4.8	B/FBK	0.00	0.93
4.2	B/FBK	0.00	0.00
3.8	B/FBK	0.00	0.00
4.13	J-QC/FFB	0.00	0.70
3.54	J-QC/FFB	0.00	0.70
4.74	J-QC/FFB	0.00	0.42
4.43	J-QC/FFB	0.00	0.42
—	NA	1.33	1.51
—	NA	1.33	1.51
4.40	J-QC/FFB	0.00	0.00
4.33	J-QC/FFB	0.00	0.00
—	NA	0.00	0.00
3.5		0.00	0.46
3.4		0.00	0.46
—	NA	0.07	0.10
—	NA	0.00	0.00
—	NA	0.00	0.00
4.5		0.00	0.00
4.4		0.00	0.00

4.5		0.00	0.00
4.0		0.00	0.00
5.0	J-QC/FFD/RPO	0.00	0.00
5.3	J-QC	0.35	0.88
5.5	J-QC	0.35	0.88
7.3	J-QC	0.00	0.00
7.6		0.18	0.18
6.9		0.18	0.18
3.0		1.29	1.29
6.2	J-QC/FFB/FFDFLDRPO	0.00	0.00
9.5	J-QC/FFB/FFDFLDRPO	0.00	0.00
7.3	J-QC/FFD/RPO	0.00	0.01
10.5	J-QC/FFD/RPO	0.00	0.01
3.9	B/FBK	0.02	1.47
7.6	J-QC/FFB/FLDRPO	0.00	0.00
8.2	J-QC/FFB/FLDRPO	0.00	0.00
6.1		0.00	0.00
5.1		0.00	0.57
4.9		0.00	0.57
5.5	J-QC/FFB	0.00	0.00
5.4	J-QC	0.00	0.00
5.9	J-QC	0.00	1.01
4.8	J-QC	0.00	0.00
5.4		0.85	0.86
5.5		0.85	0.86
3.8	J-QC/FSL	0.00	0.00
4.2	J-QC/FMS	0.00	0.00
3.9	J-QC/FMS	0.00	0.00
3.6	BJ-QC/FBK/FLDRPOFSLFMS	0.00	0.00
2.98	J-QC	0.00	0.00
3.52	J-QC	0.00	0.00
6.51		0.44	0.48
6.25		0.44	0.48
[redacted]			
5.3		0.38	0.60
5.7		0.38	0.60
2.5		0.00	0.09
3.7	BJ-QC/FBK/FFBFFDRPO	0.36	0.36
4.1		0.03	0.04
4.2		0.03	0.04
4.8	BJ-QC/FBK/FFB	1.02	1.06
6.0		0.00	0.00
5.8		0.03	0.03
5.9		0.03	0.03
6.0	B/FBK	0.00	0.00
5.6		0.00	0.99
5.0		0.00	0.99
4.2	J-QC/FMS	0.03	0.03
5.6		0.00	0.00
5.0		0.00	0.00

6.7		0.20	0.22
4.8	J-QC/FMS	1.20	1.20
4.3		0.00	0.49
4.9		0.00	0.49
3.6		0.00	0.73
4.0	J-QC	0.00	0.00
4.0	J-QC	0.00	0.00
4.7	BJ-QC/FBK/FFB	0.55	0.64
3.5		0.00	0.00
3.5		0.00	0.00
2.9	B/FBK	0.00	0.00
4.2		0.00	0.00
2.0		0.00	0.03
1.7		0.00	0.03
5.3	J-QC/FFD/RPO	0.73	0.73
3.2	J-QC/FFB	0.00	0.00
3.4	J-QC/FFB	0.00	0.00
2.2		0.06	0.07
5.2	J-QC	0.00	1.86
5.7		0.01	1.60
5.9		0.01	1.60

Station #11 Jackson Street	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 9, 2003	09:15	6.70	2.0	12.77
December 16, 2003	13:06	7.20	2.3	14.19
2004				
January 8, 2004	09:40	5.91	2.5	13.20
February 10, 2004	09:00	6.21	0.8	12.07
February 19, 2004	09:00	6.61	2.0	12.42
March 10, 2004	09:05	7.35	6.6	11.50
March 18, 2004	09:10	7.22	5.4	11.73
April 14, 2004	09:15	6.93	10.2	9.92
April 28, 2004	10:00	7.43	13.9	7.24
May 6, 2004	09:10	6.31	15.5	7.08
May 10, 2004	09:10	6.92	16.7	8.22
May 17, 2004	09:30	6.77	21.5	5.33
May 24, 2004	09:50	7.31	21.1	5.74
June 3, 2004	09:20	7.32	—	—
June 7, 2004	09:40	8.06	—	—
June 14, 2004	09:05	7.16	—	4.60
June 21, 2004	09:50	7.46	23.4	5.56
June 30, 2004	09:45	7.23	23.1	—
July 8, 2004	09:25	7.46	25.0	3.13
July 19, 2004	09:10	7.33	22.9	4.25
July 26, 2004	09:20	7.29	22.3	5.43
August 2, 2004	09:50	7.15	—	—
August 9, 2004	09:05	7.17	22.71	5.39
August 16, 2004	09:14	6.94	22.96	4.89
August 23, 2004	09:31	7.38	22.64	6.98
August 30, 2004	09:50	—	25.2	3.41
September 13, 2004	09:30	6.72	—	—
September 20, 2004	09:20	7.21	17.5	8.48
September 27, 2004	09:50	6.29	20.62	5.76
October 6, 2004	09:40	—	15.36	7.07
October 20, 2004	09:24	—	12.4	8.13
November 3, 2004	09:24	7.80	13.3	11.42
November 16, 2004	10:00	—	8.8	9.46
November 30, 2004	09:10	8.43	8.93	—
December 14, 2004	09:25	7.64	6.41	11.53
2005				
January 12, 2005	09:15	7.58	4.63	13.70
February 9, 2005	09:32	6.75	3.14	12.82
February 16, 2005	10:30	—	5.05	11.85
March 3, 2005	10:30	—	2.72	16.00
March 16, 2005	10:35	7.32	4.25	17.17
April 6, 2005	10:40	7.55	8.9	12.43
April 21, 2005	09:30	7.88	15.98	11.83
May 5, 2005	09:11	7.28	13.9	—
May 10, 2005	09:29	6.89	14.6	—

May 24, 2005	09:16	7.01	14.6	—
June 7, 2005	09:20	7.01	22.3	—
June 13, 2005	09:27	7.50	26.1	—
June 21, 2005	09:00	7.09	22.7	—
June 27, 2005	09:17	7.26	24.98	5.59
July 6, 2005	09:48	7.8	25.2	—
July 13, 2005	09:46	7.20	24.54	6.37
July 18, 2005	10:12	7.10	25.97	4.20
July 26, 2005	09:34	7.65	29.9	—
August 1, 2005	09:40	7.08	26.9	—
August 8, 2005	09:05	—	27.16	4.07
August 15, 2005	09:58	—	26.9	—
August 23, 2005	09:39	7.26	25.9	—
September 1, 2005	09:32	—	24.9	—
September 12, 2005	09:23	—	23.4	—
September 20, 2005	09:16	—	25.1	—
September 29, 2005	09:27	—	22.2	—
October 25, 2005	08:47	—	11.3	9.34
November 9, 2005	09:04	6.39	12.7	7.37
November 29, 2005	09:11	—	6.2	11.73
December 13, 2005	09:30	7.38	2.2	13.15
2006				
January 10, 2006	09:28	7.25	3.95	13.46
January 24, 2006	09:12	7.02	3.5	14.23
February 9, 2006	09:02	7.75	3.46	15.73
February 21, 2006	09:04	7.14	2.17	14.51
March 9, 2006	09:15	7.90	4.69	14.26
March 23, 2006	09:48	7.90	6.15	11.40
April 6, 2006	09:43	7.42	11.08	7.92
April 20, 2006	09:19	7.30	14.81	8.25
May 4, 2006	09:03	7.23	16.2	8.78
May 10, 2006	09:20	7.32	16.2	6.41
May 15, 2006	09:12	7.02	16.1	5.51
May 25, 2006	09:30	7.13	16.46	6.73
May 30, 2006	09:32	6.99	19.71	5.68
June 8, 2006	09:16	7.19	18.53	7.19
June 13, 2006	09:16	7.23	18.93	6.66
June 22, 2006	09:00	7.31	23.70	4.64
June 29, 2006	09:35	7.25	23.23	6.40
July 6, 2006	09:13	7.28	23.91	5.98
July 12, 2006	09:31	7.18	23.73	4.41
July 18, 2006	09:00	7.42	26.79	6.00
July 27, 2006	09:20	7.22	25.30	3.99
August 10, 2006	09:26	7.18	25.42	4.69
August 15, 2006	09:36	7.15	24.71	3.40
August 23, 2006	09:00	7.15	25.24	4.74
August 29, 2006	09:22	7.11	21.54	5.41
September 5, 2006	09:19	7.24	19.39	8.65
September 11, 2006	09:00	7.17	20.70	8.16
September 18, 2006	09:19	7.36	20.00	10.03

September 28, 2006		09:08	7.17	19.24	8.38
October 12, 2006		09:49	7.48	16.94	10.12
October 25, 2006		10:07	7.44	12.49	8.32
November 21, 2006		09:09	7.42	9.67	11.17
December 6, 2006		09:26	7.35	7.82	10.38
December 20, 2006		09:33	7.44	7.43	10.83
2007					
January 3, 2007		09:12	7.61	6.51	12.87
January 18, 2007		09:46	7.48	4.12	13.34
January 31, 2007		09:45	7.72	1.85	14.09
February 15, 2007		10:01	7.59	0.16	14.53
February 28, 2007		09:56	7.89	2.39	12.66
March 14, 2007		09:23	7.68	5.34	14.21
March 28, 2007		09:52	7.55	10.31	12.80
April 12, 2007		09:30	8.03	8.41	12.87
April 23, 2007		11:04	8.11	12.67	11.95
May 3, 2007	A	09:34	7.64	15.45	9.06
May 3, 2007	B	09:34	—	—	—
May 9, 2007		09:35	7.76	16.34	9.85
May 14, 2007		10:25	7.44	19.25	7.99
May 23, 2007		10:00	7.63	17.87	7.83
May 31, 2007		09:48	7.43	22.14	6.81
June 5, 2007		09:15	7.62	21.66	5.07
June 14, 2007		09:40	7.24	21.84	3.91
June 20, 2007		09:30	7.65	23.44	6.90
June 28, 2007		09:42	7.31	24.64	6.13
July 11, 2007		09:29	7.37	25.39	4.79
July 18, 2007		09:30	7.56	25.34	4.83
July 26, 2007		09:32	7.66	23.08	6.69
August 2, 2007		09:32	7.36	26.28	4.00
August 14, 2007		09:13	7.80	24.26	6.92
August 22, 2007		09:39	7.54	19.76	7.11
August 29, 2007		10:00	7.51	23.81	3.76
September 6, 2007		09:29	7.88	23.33	5.44
September 12, 2007		09:39	7.95	24.40	3.97
September 19, 2007		09:45	7.92	21.02	4.31
September 27, 2007		09:56	7.69	22.33	4.66
October 11, 2007		09:37	7.44	22.09	4.11
October 22, 2007		09:41	7.57	18.21	5.23
November 20, 2007		09:48	—	8.07	8.57
December 5, 2007		09:39	—	3.96	11.16
December 19, 2007		09:36	—	1.61	12.86
2008					
January 30, 2008		09:56	7.62	2.32	12.72
February 27, 2008		09:45	7.45	3.79	11.86
March 26, 2008		09:30	7.43	7.47	11.89
April 16, 2008		09:26	8.05	12.65	12.97
May 7, 2008		09:54	7.52	15.26	5.86
May 14, 2008		09:49	7.46	14.19	8.37
May 21, 2008		10:07	7.32	14.49	7.68

May 29, 2008	10:02	7.92		19.78		7.23
June 4, 2008	10:33	7.35		20.72		5.12
June 12, 2008	09:53	7.42		25.36		4.31
June 18, 2008	09:33	—		23.34		3.99
June 25, 2008	09:50	—		23.38		5.62
July 2, 2008	10:07	7.22		25.06		3.59
July 10, 2008	10:14	7.54		25.45		7.02
July 14, 2008	09:50	7.46		25.58		5.84
July 23, 2008	09:44	—		26.89		3.70
July 30, 2008	09:20	—		25.56		4.41
August 6, 2008	09:28	—		25.72		4.27
August 13, 2008	09:20	—		23.72		4.54
August 20, 2008	09:32	—		24.16		4.67
August 27, 2008	09:28	—		23.81		4.18
September 16, 2008	08:59	—		22.99		3.92
September 24, 2008	10:22	—		13.53		4.61
November 25, 2008	09:24	—		4.82		11.11
December 3, 2008	09:38	—		5.67		10.64
2009						
January 29, 2009	09:42	—	NAPEFAI/EQF	0.96		13.51
February 4, 2009	09:44	—	NAPEFAI/EQF	1.53		13.40
March 5, 2009	09:42	—	NAPEFAI/EQF	1.82		14.28
April 7, 2009	09:50	7.83		10.74		12.51
May 7, 2009	09:44	—	NAPEFAI/EQF	14.9		8.16
May 13, 2009	10:13	—	NAPEFAI/EQF	16.3		6.54
May 20, 2009	10:32	—	NAPEFAI/EQF	16.7		8.08
May 28, 2009	09:26	—	NAPEFAI/EQF	19.9		5.83
June 10, 2009	09:40	—	NAPEFAI/EQF	19.8		4.81
June 17, 2009	09:45	7.26		18.99		8.26
June 24, 2009	09:39	7.22		20.12		7.22
July 8, 2009	10:07	7.42		22.95		6.78
July 15, 2009	09:30	7.71		22.84		7.94
July 22, 2009	09:56	7.33		23.16		5.45
July 30, 2009	09:30	—	NAPEFAI/EQF	24.61		5.43
August 5, 2009	09:32	7.11		23.92		6.12
August 12, 2009	09:41	7.27		24.36		5.44
August 19, 2009	09:47	7.12		26.27		3.42
August 26, 2009	09:43	7.24		25.06		6.00
September 2, 2009	09:27	7.15		22.43		5.39
September 10, 2009	09:30	7.35		21.46		5.58
September 17, 2009	09:31	7.32		20.43		5.44
September 24, 2009	09:26	7.35		20.46		6.40
October 7, 2009	09:21	7.39		17.89		6.36
November 19, 2009	09:39	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 15, 2009	09:22	7.91		2.73		14.29
2010						
January 6, 2010	09:38	7.67		0.02		14.68
February 4, 2010	09:34	7.58		1.01		14.31
March 11, 2010	09:32	7.10		7.63		13.45
April 6, 2010	09:48	7.35		14.46		10.48

May 3, 2010	09:38	7.31		18.52	9.25
May 12, 2010	09:23	7.40		14.42	8.03
May 18, 2010	10:08	7.41		16.87	8.11
May 26, 2010	09:36	7.23		20.27	6.08
June 3, 2010	09:31	7.64		22.99	8.20
June 10, 2010	09:20	7.42		21.98	3.52
June 16, 2010	09:25	7.44		22.00	5.70
June 23, 2010	10:15	7.25		24.53	4.86
July 1, 2010	10:06	7.46		24.89	5.04
July 8, 2010	09:35	7.23		26.50	3.42
July 14, 2010	09:44	7.20		26.57	2.38
July 21, 2010	09:56	7.27		27.37	4.50
July 28, 2010	10:00	7.30		23.79	3.53
August 4, 2010	09:43	7.25		25.36	3.96
August 11, 2010	09:57	7.17		26.42	2.94
August 18, 2010	09:23	7.25		25.08	4.53
August 26, 2010	09:38	7.20		22.53	4.23
September 1, 2010	09:15	7.16		24.28	3.55
September 9, 2010	09:48	7.38		23.24	4.68
September 15, 2010	09:24	7.22		21.31	3.90
September 22, 2010	10:02	7.32		20.36	5.57
September 29, 2010	09:37	7.28		20.86	5.45
October 6, 2010	09:31	7.09		16.28	7.11
November 18, 2010	09:33	7.34		10.24	9.61
December 8, 2010	10:05	7.54		5.18	12.94
2011					
January 6, 2011	09:21	7.76		2.56	11.69
February 9, 2011	10:07	7.03		2.18	12.25
March 14, 2011	09:23	—	NAPEFAI/EQF	6.47	15.74
April 18, 2011	09:42	6.86		10.72	11.82
May 5, 2011	09:28	7.46		15.58	7.96
May 12, 2011	09:27	7.43		15.67	7.46
May 19, 2011	09:42	7.19		16.22	8.20
May 26, 2011	09:18	7.21		19.22	8.65
June 1, 2011	09:18	7.14		21.87	5.22
June 9, 2011	09:31	7.64		23.00	9.92
June 13, 2011	09:45	7.30		23.13	3.86
June 23, 2011	09:32	7.12		23.43	5.20
June 30, 2011	09:36	7.18		23.29	4.61
July 7, 2011	09:40	8.50		25.02	11.14
July 13, 2011	09:35	7.20		26.40	6.33
July 21, 2011	09:32	7.45		26.97	5.26
July 28, 2011	09:40	7.27		27.01	3.77
August 3, 2011	09:31	7.12		26.94	4.36
August 11, 2011	09:29	7.30		25.99	5.54
August 17, 2011	09:30	7.17		22.74	6.24
August 24, 2011	09:14	7.37		22.52	7.37
September 8, 2011	09:56	7.01		19.49	10.83
September 14, 2011	09:39	7.13		21.24	9.02
September 22, 2011	09:24	7.27		17.79	10.53

September 29, 2011	09:28	7.25	21.51	10.22
October 19, 2011	09:51	7.47	15.78	8.83
November 16, 2011	09:42	7.43	11.40	9.27
December 8, 2011	09:52	6.92	8.85	10.70
2012				
January 12, 2012	10:29	7.69	5.67	8.63
February 9, 2012	09:36	7.93	5.44	10.69
March 7, 2012	09:38	7.86	5.99	13.11
April 19, 2012	09:39	7.76	14.92	8.32
May 3, 2012	09:44	7.51	14.15	7.12
May 10, 2012	09:30	7.69	16.97	7.22
May 17, 2012	09:32	7.60	18.85	5.80
May 21, 2012	09:36	7.60	18.75	6.37
May 31, 2012	09:45	7.30	24.20	5.92
June 6, 2012	09:47	7.41	20.04	5.21
June 14, 2012	11:42	7.20	21.19	4.26
June 20, 2012	09:40	7.41	22.21	6.10
June 28, 2012	09:37	7.18	23.95	4.07
July 12, 2012	09:46	7.30	26.81	4.99
July 18, 2012	09:37	7.39	26.79	5.08
July 26, 2012	10:35	7.33	25.25	5.01
August 1, 2012	09:22	7.32	25.40	4.67
August 8, 2012	09:17	7.36	26.86	5.21
August 16, 2012	10:03	7.37	26.04	4.96
August 23, 2012	09:31	7.38	24.10	4.44
August 29, 2012	09:16	7.45	25.00	2.82
September 6, 2012	09:37	7.87	24.78	4.58
September 13, 2012	09:27	7.11	23.74	3.98
September 19, 2012	09:40	7.66	21.81	8.02
September 24, 2012	09:47	7.68	20.36	6.56
October 18, 2012	09:21	7.68	15.46	10.21
November 5, 2012	09:03	8.38	10.74	12.80
November 7, 2012	09:03	8.56	9.70	12.75
November 8, 2012	09:12	7.16	8.86	15.35
November 9, 2012	09:20	8.44	8.17	22.42
November 14, 2012	09:40	8.24	9.73	6.23
November 15, 2012	09:41	7.97	9.53	9.78
November 28, 2012	08:35	8.01	7.64	12.95
December 13, 2012	08:10	7.97	7.41	8.24
2013				
January 16, 2013	08:25	9.28	5.84	13.17
February 11, 2013	10:30	7.58	1.51	14.83
February 26, 2013	08:08	8.10	4.11	11.20
March 4, 2013	10:34	7.45	3.78	14.33
March 21, 2013	08:18	8.46	4.13	14.94
April 10, 2013	09:35	8.10	10.08	14.48
April 18, 2013	09:40	7.90	12.73	10.04
April 30, 2013	09:41	8.42	15.27	7.50
May 2, 2013	09:44	8.09	15.82	8.59
May 6, 2013	09:35	7.98	16.67	11.66

May 15, 2013	09:35	7.40	[redacted]	16.72	9.62
May 23, 2013	09:55	7.54	[redacted]	19.38	7.62
May 30, 2013	09:33	7.33	[redacted]	17.79	9.78
June 5, 2013	09:46	7.54	[redacted]	23.00	7.24
June 12, 2013	09:35	7.75	[redacted]	20.12	8.34
June 19, 2013	10:00	7.45	[redacted]	20.67	10.02
June 26, 2013	10:00	7.35	[redacted]	24.67	11.15
July 2, 2013	09:20	7.03	[redacted]	24.06	18.93
July 10, 2013	09:55	6.37	[redacted]	26.22	5.44
July 17, 2013	10:03	7.13	[redacted]	25.62	102.9
July 24, 2013	10:03	7.27	[redacted]	27.57	6.28
July 31, 2013	09:47	7.67	[redacted]	24.70	3.72
August 7, 2013	09:37	7.97	[redacted]	23.68	4.62
August 14, 2013	09:38	7.41	[redacted]	23.86	5.41
August 21, 2013	09:13	7.20	[redacted]	23.29	3.77
August 28, 2013	09:55	7.38	[redacted]	23.44	5.26
September 5, 2013	09:26	7.26	[redacted]	23.81	4.22
September 18, 2013	09:57	7.29	[redacted]	20.01	5.79
September 26, 2013	09:38	7.32	[redacted]	18.84	6.31
October 16, 2013	09:22	7.47	[redacted]	17.56	6.36
November 14, 2013	09:36	7.65	[redacted]	8.02	9.07
December 9, 2013	10:21	7.40	[redacted]	5.39	10.77
2014					
January 6, 2014	10:40	7.70		1.81	12.24
February 10, 2014	10:20	7.25		0.44	14.15
March 12, 2014	09:27	7.42		5.63	13.87
April 3, 2014	09:30	6.23		7.62	12.59
May 1, 2014	09:45	6.56		9.33	11.64
May 7, 2014	09:42	6.56		13.89	10.47
May 15, 2014	09:45	7.01		16.55	6.47
May 21, 2014	09:58	7.13		16.89	9.16
June 4, 2014	09:47	7.40		20.57	7.12
June 11, 2014	09:58	7.18		20.66	4.73
June 18, 2014	10:01	7.29		22.57	7.41
June 26, 2014	09:43	7.26		23.08	5.00
July 2, 2014	09:38	7.33		25.18	6.60
July 9, 2014	10:01	7.38		24.58	5.02
July 16, 2014	10:17	7.45		24.34	3.59
August 6, 2014	09:42	7.29		23.63	5.51
August 13, 2014	09:38	7.26		23.95	3.58
August 20, 2014	09:44	7.53		23.08	4.27
August 25, 2014	10:20	7.59		22.95	5.02
September 4, 2014	10:00	7.66		24.81	4.14
September 10, 2014	09:30	7.06		22.86	4.15
September 16, 2014	10:00	7.45		21.21	4.14
September 30, 2014	12:00	7.29		20.10	4.86
October 8, 2014	09:46	7.29		18.08	5.65
November 18, 2014	09:34	6.61		7.54	10.07
December 10, 2014	10:03	7.58		5.06	10.59

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	94.5	2.8	—	4
	103.6	0.2	—	7
[redacted]				
	96.9	0.5	—	6
	97.5	3.2	—	36
	91.8	6.1	—	8
	94.6	1.6	—	9
	94.5	3.2	—	8
	99.1	0.3	—	32
	71.6	0.2	—	30
	73.2	4.2	—	28
	84.6	0.2	—	18
	61.8	0.5	—	12
	66.2	4.5	—	16
	—	—	—	24
	—	—	—	72
	—	—	—	17
	65.0	—	—	21
	—	—	—	44
	37.7	—	—	25
	49.5	—	—	18
	63.3	2.0	—	42
	—	—	—	—
	63.2	2.04	—	12
	58.2	3.73	—	20
	80.9	0.17	—	20
	44.1	10.8	—	20
	—	—	—	14
	87.7	0.5	—	25
	66.2	4.88	—	20
	70.7	0.17	—	12
	79.7	1.2	—	10
	110.3	—	—	10
	80.5	—	—	16
	—	0.47	—	18
	94.6	0.55	—	23
[redacted]				
	110.5	7.25	—	13
	100.1	8.91	—	22
	92.9	0.28	—	8
	120.2	2.02	—	4
	140.2	8.43	—	7
	108.3	0.1	—	32
	121.1	1.68	—	10
	—	—	—	25
	—	—	—	29

—	—	—	28
—	—	—	25
—	—	—	14
—	—	—	18
68.4	2.13	—	23
—	—	—	23
77.3	1.99	—	18
53.3	4.32	—	16
—	—	—	26
—	—	—	10
55.0	12.55	—	26
—	—	—	52
—	—	—	62
—	—	—	41
—	—	—	14
—	—	—	38
—	—	—	21
85.8	0.2	—	12
70.6	3.3	—	8
96.2	1.5	—	—
96.5	1.5	—	33
[redacted]			
102.3	0.22	—	5
107.2	0.3	—	8
118.3	0.27	—	5
105.5	0.42	—	4
113.9	4.20	—	8
97.6	—	—	10
73.6	2.95	—	10
84.2	5.81	—	14
90.0	2.0	—	20
68.6	8.0	—	20
58.5	8.7	—	30
70.5	3.46	—	30
65.2	7.65	—	32
76.8	0.25	—	17
73.2	3.88	—	45
56.5	5.31	—	26
75.0	0.13	—	26
70.9	0.16	—	23
54.9	9.09	—	42
75.2	0.50	—	30
50.5	6.43	—	29
62.7	15.87	—	40
41.7	3.17	—	90
63.7	18.07	—	26
62.1	2.39	—	19
94.1	0.27	—	32
92.1	1.87	—	42
111.4	1.39	—	20

93.8	5.04	—	10
104.9	0.24	—	20
81.4	6.76	—	13
98.2	0.22	—	8
90.6	5.40	—	16
95.2	8.10	—	14
[redacted]			
104.9	0.40	—	18
103.1	1.52	—	6
103.8	3.32	—	19
107.0	10.00	—	53
96.5	6.30	—	10
113.9	2.11	—	7
114.4	0.27	—	14
110.8	1.43	—	12
112.6	0.16	—	8
90.7	0.19	—	8
—	—	—	9
100.5	0.23	—	8
87.5	1.59	—	28
82.7	0.49	—	13
82.1	8.65	—	16
58.0	1.28	—	21
47.1	9.45	—	26
82.7	3.47	—	22
77.4	8.46	—	30
60.9	7.70	—	29
60.9	6.02	—	16
79.3	2.63	—	16
52.0	9.33	—	42
86.1	7.21	—	22
78.6	1.56	—	17
48.4	15.91	—	22
66.7	7.51	—	12
51.7	14.94	—	24
51.6	11.24	—	14
60.6	21.17	—	32
52.7	19.42	—	22
57.2	5.28	—	13
75.0	5.27	—	22
87.0	3.24	—	13
93.0	1.44	—	18
[redacted]			
94.0	1.74	—	6
90.3	0.29	—	6
101.2	0.19	—	6
123.1	1.28	—	18
61.1	7.28	—	35
81.8	0.39	—	30
75.7	0.74	—	14

	79.7		1.14		—	17	
	58.6		4.22		—	30	
	53.4		3.18		—	18	
	49.5		9.10		—	17	
	66.9		2.24		—	16	
	46.1		10.78		—	20	
	86.7		2.36		—	16	
	73.8		6.26		—	15	
	49.6		11.93		—	24	
	56.2		7.21		—	14	
	53.6		4.35		—	17	
	56.6		9.17		—	12	
	59.8		12.59		—	22	
	52.6		10.94		—	19	
	49.5		13.79		—	18	
	53.6		7.83		—	12	
	88.2		3.52		—	20	
	90.3		6.98		—	9	
[redacted]							
	102.3		10.79		—	19	J-QC/FLD/RPO
	98.4		4.11		—	6	
	104.2		2.18		—	4	J-QC/FFD/FLDRPO
	113.1		0.39		—	20	
	81.0		0.2		—	34	
	68.6		3.8		—	12	
	83.3		0.4		—	43	
	65.7		3.6		—	34	
	53.2		2.7		—	16	
	89.1		0.17		—	34	
	79.9		0.55		—	19	J-QC/FFD/RPO
	80.2		3.25		—	17	
	94.0		3.30		—	30	
	65.2		4.08		—	22	
	65.3		0.23		—	21	
	72.8		0.44		—	18	
	65.5		1.41		—	14	
	42.4		—	NAPEFAI/EQF	—	25	
	72.9		0.28		—	14	
	63.5		4.05		—	18	
	65.5		6.48		—	8	J-QC/FFD/RPO
	64.3		10.98		—	30	
	72.6		3.55		—	14	
	74.4		17.15		—	18	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	20	J-QC/FFB
	105.6		0.34		—	16	
[redacted]							
	100.6		0.30		—	NA 12	J-QC/FFB/FFDRPO
	100.9		0.36		—	NA 23	
	112.9		0.51		—	NA 16	
	102.7		0.17		—	NA 15	J-QC/FLD/RPO

98.6	0.20	—	NA	10	
80.3	3.46	—	NA	21	
85.3	3.39	—	NA	27	
68.7	3.76	—	NA	31	
98.4	5.34	—	NA	25	
42.4	8.90	—	NA	20	
67.0	4.73	—	NA	64	
60.5	6.19	—	NA	30	
64.0	8.75	—	NA	35	
45.2	11.13	—	NA	38	
31.8	12.02	—	NA	470	J-QC/FFB
58.6	5.11	—	NA	28	
47.9	14.88	—	NA	45	
50.1	6.73	—	NA	29	
40.8	19.93	—	NA	62	
57.2	7.14	—	NA	29	
52.7	13.15	—	NA	18	
46.9	18.21	—	NA	13	
61.2	18.90	—	NA	32	J-QC/FFD/RPO
48.6	17.18	—	NA	23	
68.0	16.41	—	NA	42	J-QC/FFD/RPO
64.6	9.65	—	NA	26	
74.1	3.81	—	NA	25	J-QC/FFB
86.8	2.35	—	NA	24	
110.2	12.02	—	NA	28	J-QC/FFB
[redacted]					
96.1	16.42	—	NA	15	
95.4	10.26	—	NA	16	
128.2	0.16	—	NA	40	
106.6	0.13	—	NA	26	
79.9	0.27	—	NA	10	
79.3	8.76	—	NA	18	
83.1	0.17	—	NA	9	
93.6	0.19	—	NA	26	J-QC/FFD/RPO
63.1	10.17	—	NA	14	
116.2	1.03	—	NA	28	
45.7	2.35	—	NA	25	
63.0	5.85	—	NA	12	
57.8	11.82	—	NA	18	
135.2	0.38	—	NA	30	
80.9	5.51	—	NA	34	
68.1	5.65	—	NA	13	
49.9	9.91	—	NA	32	
58.0	10.51	—	NA	60	
70.6	11.08	—	NA	32	J-QC/FFD/RPO
73.6	2.84	—	NA	16	
85.1	0.37	—	NA	20	
118.0	0.02	—	NA	50	
101.7	0.13	—	NA	1	J-QC/FFD/RPO
110.8	0.34	—	NA	5	

	120.0		6.46	—	NA	26	
	89.3		0.57	—	NA	4	J-QC/FFD/RPO
	90.9		11.00	—	NA	12	J-QC/FFD/RPO
	92.2		0.12	—	NA	32	
[redacted]							
	74.8		12.70	—	NA	22	J-QC/FFD/RPO
	93.1		14.42	—	NA	26	J-QC/FFD/FLDRPO
	107.1		3.26	—	NA	19	
	89.1		13.02	—	NA	64	
	70.8		3.49	—	NA	43	
	75.5		1.77	—	NA	23	
	64.2		5.08	—	NA	26	
	75.3		6.81	—	NA	40	
	71.5		2.95	—	NA	23	
	61.2		10.90	—	NA	36	
	52.2		14.83	—	NA	16	
	76.5		15.18	—	NA	32	
	51.2		10.84	—	NA	14	
	67.5		13.79	—	NA	24	
	69.8		16.78	—	NA	52	
	63.2		6.81	—	NA	20	
	61.3		12.86	—	NA	22	J-QC/FLD/RPO
	68.0		6.72	—	NA	96	
	62.2		4.87	—	NA	19	
	54.0		4.00	—	NA	21	
	36.4		12.72	—	NA	22	
	57.9		7.71	—	NA	42	
	50.5		12.56	—	NA	14	
	94.9		7.26	—	NA	40	
	75.3		5.92	—	NA	17	
	112.6		15.82	—	NA	50	
[redacted]	118.6	[redacted]	4.36	—	NA	—	NA
	116.7		5.24	—	NA	—	NA
	137.9		6.27	—	NA	—	NA
	198.1		4.82	—	NA	—	NA
	63.8		16.43	—	NA	—	NA
[redacted]	100.8	[redacted]	17.35	—	NA	—	NA
	122.7		18.94	—	NA	44	J-QC/FFD/FLDRPO
	77.5		18.93	—	NA	46	J-QC/FLD/RPO
[redacted]							
	106.2		1.10	—	NA	18	
	111.7		7.56	—	NA	18	
	96.6		17.95	—	NA	—	NA
	109.3		0.94	—	NA	8	
	114.7		0.84	—	NA	—	NA
	142.3		15.96	—	NA	28	
	100.0		9.11	—	NA	—	NA
	75.5		1.95	—	NA	—	NA
	87.7		1.64	—	NA	30	
	124.7		5.18	—	NA	20	

[redacted]	102.3	[redacted]	5.52	—	NA	14	[redacted]
[redacted]	85.2	[redacted]	5.08	—	NA	33	J-QC/FLD/RPO
[redacted]	102.9	[redacted]	0.19	—	NA	13	[redacted]
[redacted]	85.1	[redacted]	1.62	—	NA	17	[redacted]
[redacted]	92.8	[redacted]	0.16	—	NA	10	[redacted]
[redacted]	111.8	[redacted]	0.16	—	NA	37	[redacted]
[redacted]	137.6	[redacted]	3.57	—	NA	30	[redacted]
[redacted]	221.5	[redacted]	0.14	—	NA	25	[redacted]
[redacted]	74.3	[redacted]	9.83	—	NA	20	[redacted]
[redacted]	8.01	[redacted]	9.75	—	NA	12	J-QC/FFD/RPO
[redacted]	85.0	[redacted]	14.31	—	NA	38	[redacted]
[redacted]	47.5	[redacted]	10.62	—	NA	9	[redacted]
[redacted]	60.0	[redacted]	16.47	—	NA	34	J-QC
[redacted]	65.0	[redacted]	2.56	—	NA	14	[redacted]
[redacted]	48.7	[redacted]	16.66	—	NA	55	[redacted]
[redacted]	65.0	[redacted]	8.95	—	NA	16	[redacted]
[redacted]	54.7	[redacted]	16.34	—	NA	36	J-QC/FFD/RPO
[redacted]	68.0	[redacted]	11.62	—	NA	39	J-QC/FLD/RPO
[redacted]	73.4	[redacted]	13.80	—	NA	16	J-QC/FFD/RPO
[redacted]	72.1	[redacted]	13.17	—	NA	45	[redacted]
[redacted]	81.4	[redacted]	9.34	—	NA	13	J-QC/FFD/RPO
[redacted]	86.9	[redacted]	3.08	—	NA	22	[redacted]
[redacted]							
	95.3		11.39	—	NA	43	J-QC
	100.0		4.88	—	NA	14	J-QC/FFD/RPO
	112.7		3.18	—	NA	12	J-QC/FFB
	105.4		0.21	—	NA	12	
	101.6		0.13	—	NA	14	J-QC
	101.4		0.16	—	NA	15	
	69.9		8.91	—	NA	16	
	94.7		0.23	—	NA	9	
	80.4		3.51	—	NA	12	
	53.9		3.52	—	NA	14	
	85.8		0.27	—	NA	50	
	63.0		13.79	—	NA	26	
	82.6		5.54	—	NA	30	J-QC/FLD/RPO
	60.8		1.31	—	NA	44	
	43.5		2.22	—	NA	30	
	66.9		5.10	—	NA	18	J-QC/FFB
	45.3		11.07	—	NA	42	
	53.4		10.68	—	NA	20	
	63.5		14.80	—	NA	25	
	53.7		12.80	—	NA	30	
	53.5		18.09	—	NA	42	
	49.7		11.35	—	NA	26	
	60.2		20.09	—	NA	40	
	65.3		14.65	—	NA	39	J-QC/FLD/RPO
	85.2		2.05	—	NA	28	J-QC
	89.9		12.18	—	NA	21	J-QC/FFB
[redacted]							

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.22	<2	<0.09	0.012
1.50	4	0.14	0.011
[redacted]			
0.55	4	0.18	0.030
1.00	2	0.53	0.027
1.25	8	0.23	0.027
0.09	2	<0.19	0.022
0.68	3	<0.19	0.023
1.15	2	<0.19	0.027
0.52	2	<0.19	0.026
0.56	2	<0.19	0.043
0.60	2	<0.19	0.034
1.58	2	<0.19	0.051
0.29	4	<0.19	0.056
0.64	4	<0.19	0.083
0.90	2	<0.19	0.029
0.75	<2	0.29	0.049
1.05	4	<0.19	0.060
2.29	3	<0.19	0.060
3.40	<2	<0.19	0.061
3.62	<2	<0.19	0.045
3.74	<2	<0.19	0.037
—	2	<0.19	0.051
0.42	5	<0.19	0.042
3.05	3	<0.19	0.074
2.26	<2	<0.19	0.023
1.69	2	<0.19	0.086
1.79	<2	<0.19	0.046
1.19	2	<0.19	0.026
0.99	<2	<0.19	0.047
1.03	<2	<0.19	0.014
0.84	<2	<0.19	0.023
0.84	4	<0.19	0.053
0.75	5	<0.19	0.075
1.10	<2	<0.19	0.023
0.89	3	<0.19	0.019
[redacted]			
0.77	<2	<0.19	0.016
1.17	3	<0.19	0.045
0.91	<2	<0.19	0.025
0.74	<2	<0.19	0.021
1.09	<2	<0.19	0.025
<1.00	<2	<0.19	0.019
0.80	<2	<0.19	0.023
0.93	<2	<0.19	0.034
0.80	5	<0.19	0.172

1.22	<2	<0.27	0.082
1.59	—	<0.27	0.094
1.34	4	<0.27	0.099
1.58	—	<0.27	0.106
1.28	3	<0.27	0.063
0.55	—	<0.27	0.162
1.46	<2	<0.27	0.047
1.49	3	<0.27	0.054
1.89	7	<0.27	0.057
2.07	6	<0.27	0.066
1.70	<2	<0.27	0.077
4.13	4	0.46	0.059
1.86	7	<0.27	0.111
2.13	3	<0.27	0.123
1.40	3	<0.27	0.091
1.26	<2	<0.27	0.133
1.25	<2	<0.27	0.126
1.17	<2	<0.27	0.010
1.15	5	<0.27	0.020
—	—	<0.27	0.020
<1.00	<2	<0.27	0.020
[redacted]			
0.61	4	<0.27	0.02
0.73	<2	<0.27	0.014
0.69	6	<0.27	0.016
0.75	<2	<0.27	0.019
0.74	3	<0.27	0.030
1.18	5	<0.27	0.032
0.88	4	<0.27	0.068
1.80	4	<0.295	0.058
2.50	5	<0.295	0.032
0.37	—	<0.295	0.059
1.84	—	<0.295	0.024
1.80	<2	<0.295	0.055
1.82	4	<0.295	0.062
2.08	<2	<0.295	0.040
2.09	<2	<0.295	0.057
1.42	<2	<0.295	0.037
1.18	<2	<0.295	0.028
1.44	<2	<0.295	0.025
1.20	—	<0.295	0.050
0.36	—	<0.295	0.030
0.96	5	<0.295	0.061
1.99	<2	<0.295	0.064
2.13	<2	0.30	0.066
1.76	<2	<0.295	0.065
1.77	<2	<0.295	0.042
1.07	5	<0.295	0.019
1.10	<2	<0.295	0.034
1.07	<2	<0.295	0.024

0.97	—	<0.295	—
0.80	—	<0.295	0.021
0.71	<2	<0.295	0.038
0.84	—	<0.295	0.012
1.60	<2	<0.295	0.031
0.77	<2	<0.295	0.038
[redacted]			
1.33	<2	<0.295	0.021
0.71	5	<0.295	0.021
0.59	3	<0.295	0.022
0.82	6	0.344	0.031
0.80	—	<0.295	0.034
0.80	<2	<0.295	0.021
0.68	<2	0.056	0.009
0.72	<2	0.042	0.018
0.50	—	0.120	0.018
0.50	<2	0.143	0.019
0.59	—	0.162	0.021
0.78	<2	0.046	0.012
0.78	<2	0.102	0.037
0.64	<2	0.204	0.036
1.04	3	0.370	0.066
1.03	<2	0.217	0.045
1.00	<2	<0.039	0.086
1.02	3	0.213	0.059
1.26	5	0.199	0.079
0.93	<2	0.241	0.061
1.06	<2	0.312	0.050
0.93	3	0.140	0.022
1.06	<2	0.234	0.047
0.51	<2	0.260	0.019
1.25	<2	0.161	0.025
1.26	<2	0.494	0.099
1.31	<2	0.307	0.060
1.00	<2	0.349	0.095
1.05	<2	0.552	0.101
1.08	<2	0.351	0.183
1.12	<2	0.330	0.143
1.13	<2	0.287	—
0.60	3	<0.039	0.070
0.97	<2	0.280	0.033
0.83	<2	0.078	0.021
[redacted]			
1.25	<2	0.375	0.017
1.49	<2	0.213	0.013
0.89	<2	0.034	0.012
1.13	4	0.128	0.029
0.54	<2	0.306	0.038
0.89	<2	0.179	0.031
1.27	<2	0.187	0.023

1.41		<2		0.085		0.032
1.61		<2		0.094		0.047
1.07		3		0.271		0.053
1.18		<2		0.338		0.074
0.89		<2		0.212		0.050
1.14		<2		0.347		0.068
0.98		<2		0.032	J-R	0.047
1.20		<2		0.325		0.052
0.43		3		0.347		0.076
1.45		<2		0.217		0.048
1.84		<2		0.343		0.052
1.88		<2		0.388		0.032
1.50		<2		0.505		0.076
1.16		<2		0.424		0.115
0.56		<2		0.474		0.087
1.26		<2		0.330		0.065
1.26		<2		0.319		0.039
0.97		<2		0.049		0.036
[redacted]						
1.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.591	J-QC/FSL	0.043
1.07	BJ-QC/FBK/FFBFLS	<2	K	0.295	J-QC/FMS	0.036
1.01	BJ-QC/FBK/FFB	<2	K	0.148		0.030
1.37	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.287		0.037
2.04	BJ-QC/FBK/FFB	<2	K	0.287		0.048
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.261	J-QC/FMS	0.024
1.52	BJ-QC/FBK/FFBFLS	<2	K	<0.018	KJ-QC/FFD/RPOFMS	0.044
1.47	BJ-QC/FBK/FFB	3		0.355		0.056
1.12		<2	K	0.172		0.045
1.09		<2	K	0.167		0.028
1.86	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.167		0.020
1.09	BJ-QC/FBK/FFB	<2	K	0.071		0.025
1.91	BJ-QC/FBK/FFB	8	J-QC/FLS	<0.018	KJ-QC/FFD/RPO	0.020
1.23	J-QC/FFB	4	J-QC/FLS	<0.018	KJ-QC/FFD/RPO	0.034
1.49	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.056		0.019
1.39	BJ-QC/FBK/FFB	<2	K	0.122		0.019
1.58	BJ-QC/FBK/FLDRPOFLS	<2	K	0.076		0.031
1.60	BJ-QC/FBK/FFBFLS	—	NAP	0.239	J-QC/FMS	0.046
1.45	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.017
1.38	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.173		0.034
2.14	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.193		0.041
1.08	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.239		0.063
1.21	J-QC/FLS	<2	K	0.097		0.036
0.79	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FLS	0.102		0.062
1.16	BJ-QC/FBK/FFBFLS	<2	K	0.066		0.065
1.85	B/FBK	3		0.061		0.014
[redacted]						
1.62	BJ-QC/FBK/FFBFLS	<2	K	0.117	J-QC/FFD/RPO	0.012
1.24	BJ-QCJ-HT/FBK/FFBEHT	5	J-QC/FLS	0.205		0.031
1.09	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFD/RPOFLS	<0.0175	K	0.0237
1.50	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0175	K	0.0158

2.03	BJ-QC/FBK/FFB	2	J-QC/FLS	0.201	J-QC/FFB	0.0161
2.23	BJ-QC/FBK/FFBFLS	<2	K	0.060		0.0310
3.59	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.025	J-R	0.0411
1.94	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.241	J-QC/FFB	0.0471
2.38	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.216		0.0468
2.13	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.468		0.0667
2.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.357		0.0649
1.93	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.126	J-QC/FFB	0.0469
2.14	BJ-QC/FBK/FFBFLS	5	J-QC/FLS	0.146		0.0609
1.86	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.216		0.0642
2.79	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.272		0.0785
2.27	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.362		0.0479
1.98	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.393		0.0661
1.71	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.697		0.0594
0.77	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.435		0.0894
1.75	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.304	J-QC/FSL	0.0764
2.01	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.314		0.0613
1.99	BJ-QC/FBK/FFBFLS	<2	K	0.231		0.0547
0.63	BJ-QC/FBK/FFBFLS	3	J-QC/FFB/FLS	0.356		0.1005
1.59	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.451		0.0572
1.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.225	J-QC/FFD/RPO	0.0625
1.55	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.157		0.0638
1.79	BJ-QC/FBK/FFBFLS	<2	K	0.037	J-QC/FFD/RPO	0.0408
2.10	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.060		0.0275
1.93	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.101		0.0267
[redacted]						
1.64	BJ-QC/FBK/FFBFLS	<2	K	0.181		—
1.50	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.120		0.0364
1.58	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0293	K	0.0131
1.46	BJ-QC/FBK/FFBFLS	<2	K	0.084		0.0189
1.77	BJ-QC/FBK/FFB	<2	K	0.103	J-QC/FMS	0.0235
1.23	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.136	J-QC/FFD/RPOFMS	0.0254
1.42	BJ-QC/FBK/FFBFLS	<2	K	0.152		0.0129
1.72	BJ-QC/FBK/FFB	<2	K	0.071		0.0192
1.41	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.098		0.0250
1.98	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.316		0.0285
1.71	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.338		0.0365
1.75	BJ-QC/FBK/FFBFLDRPOFLS	4	J-QC/FLS	0.093		0.0163
1.50	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.201	J-QC/FMS	0.0275
1.97	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.293	J-QC/FFB	0.0459
1.62	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.421	J-QC/FFD/RPO	0.0416
1.81	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.149	J-QC/FFD/RPO	0.0349
1.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.484		0.0581
1.61	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.642		0.0550
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.316	J-QC/FFB	0.0376
1.91	BJ-QCJ-HT/FBK/FFBEHT	4		<0.0293	K	0.0236
1.20	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.065		0.0110
1.62	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.125		0.0147
1.56	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0293	K	0.0105
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.167	J-QC/FMS	0.0207

1.26	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.190		0.0451
2.17	BJ-QC/FBK/FFBFLS	3		0.087		0.0139
2.54	BJ-QC/FBK/FFB	<2	K	0.185		0.0249
1.59	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	0.108		0.0340
[redacted]						
1.70	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPOFLS	0.051	J-R	0.0288
1.20	BJ-QC/FBK/FFB	<2	KJ-QC/FFB/FLS	0.334	J-QC/FMS	0.0237
1.88	BJ-QC/FBK/FFBFLS	<2	K	0.101	J-QC/FMS	0.0302
1.75	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.115	J-QC/FFB	0.0627
2.39	BJ-QC/FBK/FFBFLS	5	J-QC/FLS	0.246		0.0396
2.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.188	J-QC/FFB/FMS	0.0422
2.05	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.267	J-QC/FMS	0.0611
1.84	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.209		0.0660
1.75	BJ-QC/FBK/FFBFLS	<2	K	0.126	J-QC/FMS	0.0438
1.72	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.162		0.0597
0.98	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.115	J-QC/FMS	0.0285
1.79	BJ-QC/FBK/FFBFLS	8	J-HT/EHT	0.256		0.0414
1.14	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.078	J-QC/FMS	0.0309
1.68	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.132	J-QC/FMS	0.0418
0.77	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.195	J-QC/FMS	0.0478
1.77	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.148	J-QC/FMS	0.0520
1.99	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.185		0.0650
1.13	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFD/RPOFLS	0.333	J-QC/FSL	0.0662
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.259		0.0391
1.67	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.137		0.0384
1.96	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	3	J-QC/FLS	0.628		0.0678
1.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	0.528		0.1150
0.99	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.069	J-RJ-QC/FSL	0.1514
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.137		0.0880
1.50	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.158		0.0576
1.55	BJ-QC/FBK/FFBFFDRPO	<2	K	0.332		0.1099
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NRP	0.358		0.0685
—	NA	3	J-QC/FLS	1.071		0.1069
[redacted]						
—	NA	<2	KJ-QC/FMS	0.213	J/LLS	0.0297
—	NA	<2	KJ-QC/FMS	0.297	J-QC/LLS/FMS	0.0296
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.108	J-QC/LLS/FMS	0.0133
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.120	J-QC/LLS/FMS	0.0296
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	K	0.057	J/LLS	0.0328
—	NA	<2	KJ-QC/FMS	0.306	J/LLS	0.0457

1.61	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FMS	0.329	J-QC/LLS/FSLFMS	0.0390
1.96	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.284	J/LLS	0.0552
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.131	J-QC/LLS/FMS	0.0192
1.80	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.227	J/LLS	0.0382
1.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.131	J-QC/LLS/FSL	0.0165
1.86	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.199	J-QC/LLS/FMS	0.0230
1.99	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FMS	0.187	J/LLS	0.0247
1.98	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QCJ-HT/FMS/EHT	<0.0911	KJ-QC/FMS	0.0229
2.08	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0298
1.99	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.133	J-R/LLS	0.0320
1.26	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.145	J-R/LLS	0.0739
1.62	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0238
1.29	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC	0.0418
1.40	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0174
1.89	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FMS	0.199	J/LLS	0.0517
1.80	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0298
1.37	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0528
1.45	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.338	J/LLS	0.0586
1.43	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.229	J-QC/LLS/FFDRPO	0.0355
1.42	BJ-QC/FBK/FFBFLS	<2	K	0.301	J/LLS	0.0755
1.43	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.316	J/LLS	0.0692
1.56	BJ-QC/FBK/FLS	<2	KJ-QC/FMS	0.163	J-R/LLS	0.0381
1.98	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.435		0.0462
1.61	BJ-QCJ-HT/FBK/FFB	<2	KJ-QCJ-HT	0.343	J-QC/LLS/FFB	0.0512
1.70	BJ-QC/FBK/FFB	7	J-QCJ-HT/FLS	0.273	J-QC/LLS/FFB	0.0295
1.82	BJ-QC/FBK/FFBFMS	<2	KJ-QC	<0.0267	K	0.0135
1.93	BJ-QC/FBK/FFB	<2	KJ-QC	0.313	J-QC/LLS/FFB	0.0181
1.66	BJ-QC/FBK/FFBFMS	<2	K	0.097	J/LLS	0.0076
1.84	BJ-QC/FBK/FFB	<2	K	0.301	J/LLS	0.0172
1.96	BJ-QC/FBK/FFB	<2	K	0.136	J-QC/LLS/FFB	0.0190
2.29	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.040	J-RJ-QC/LLS/FFBFSL	0.0315
1.94	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.250	J/LLS	0.0391
1.36	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.040	J-RJ-QC/LLS/FFB	0.0274
2.00	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	KJ-QC/FLS	—	NRP/LBF	0.0374
1.93	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.056	J/LLS	0.0389
1.88	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.084	J/LLS	0.0306
1.97	BJ-QC/FBK/FFB	<2	KJ-QC	0.061	J/LLS	0.0314
1.98	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	KJ-QC/FMS	0.0303
1.48	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.173	J/LLS	0.0554
1.74	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.111	J/LLS	0.0441
1.84	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	0.111	J/LLS	0.0534
1.76	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0426
0.67	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.167	J/LLS	0.0701
1.89	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.141	J/LLS	0.0602
1.54	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.226	J-QC/LLS/FSL	0.0872
1.74	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.215	J/LLS	0.0984
1.42	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.041	J-RJ-QC/LLS	0.0282
1.56	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-HT	0.030	J-R/LLS	0.0220

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	1.53	0.167	0.14	0.78
	1.01	0.100	0.06	1.88
	1.39	0.164	0.14	1.93
	1.42	0.243	0.21	2.14
	1.36	0.155	0.13	1.38
	1.40	0.146	0.15	8.82
	1.34	0.169	0.18	7.1
	1.72	0.305	0.26	25.2
	1.40	0.298	0.23	11.7
	1.33	0.263	0.25	10.3
	1.72	0.258	0.23	9.5
	1.32	0.321	0.23	7.2
	1.64	0.317	0.26	7.1
	1.52	0.244	0.28	5.3
	1.79	0.484	0.49	8.2
	2.35	0.315	0.26	6.9
	1.51	0.334	0.29	13.0
	1.94	0.464	0.36	41.7
	1.75	0.470	0.32	30.0
	1.34	0.379	0.35	9.25
	1.67	0.478	0.07	10.30
	1.14	0.316	0.31	3.87
	1.65	0.368	0.34	<0.5
	1.68	0.298	0.31	2.04
	1.66	0.257	0.27	5.74
	1.78	0.278	0.29	3.97
	1.71	0.239	0.35	4.5
	1.09	0.286	0.18	4.09
	1.35	0.267	0.48	4.67
	1.00	0.191	0.17	1.83
	2.79	0.359	0.07	1.63
	2.37	0.326	0.27	3.46
	1.63	0.307	0.31	1.43
	1.24	0.286	0.23	4.24
	1.03	0.196	0.23	1.86
	0.76	0.146	0.16	2.42
	1.82	0.230	0.21	1.42
	1.40	0.170	0.13	3.30
	1.84	0.171	0.17	2.76
	1.73	0.210	0.13	9.99
	0.66	0.228	0.22	8.39
	1.62	0.161	0.12	23.82
	1.60	0.254	0.24	23.00
	1.47	0.072	0.25	18.06

1.45	0.257	0.25	—
1.81	0.331	—	—
2.18	0.310	0.32	—
1.26	0.330	—	—
1.78	0.270	0.37	—
0.99	—	—	—
1.85	0.384	0.32	—
1.37	0.371	0.35	—
1.42	0.406	0.38	—
1.37	0.405	0.37	—
1.09	0.468	0.45	—
1.55	0.566	0.59	—
1.10	0.765	0.52	—
1.04	0.410	0.35	—
1.74	0.605	0.33	—
1.39	0.413	0.47	—
1.21	0.334	0.32	—
1.35	0.213	0.22	—
2.40	0.250	0.29	—
1.54	—	—	—
1.92	0.240	0.27	—
[redacted]			
1.32	0.10	0.10	—
0.93	0.12	0.11	—
1.27	0.096	0.10	—
1.43	0.140	0.10	—
2.34	0.131	0.19	—
2.12	0.228	0.20	—
2.13	0.273	0.24	—
1.48	0.260	0.23	—
1.47	0.281	0.24	—
1.55	0.242	—	—
1.18	0.282	—	—
1.48	0.227	0.30	—
1.50	0.244	0.38	—
0.94	0.417	0.26	—
0.80	0.329	0.37	—
1.66	0.276	0.17	—
1.06	0.292	0.30	—
0.95	0.316	0.29	—
0.84	0.343	—	—
1.96	0.329	—	—
1.16	0.336	0.35	—
0.93	0.329	0.35	—
2.08	0.608	0.40	—
2.19	0.303	0.29	—
0.85	0.360	0.37	—
1.05	0.277	0.30	—
1.27	0.370	0.37	—
1.25	0.276	0.25	—

0.04	0.245	0.20	—
1.92	0.322	0.33	—
0.95	0.229	0.21	—
0.69	0.150	0.14	—
1.33	0.175	0.20	—
2.02	0.206	0.21	—
[redacted]			
1.73	0.205	<0.01	5.6
1.71	0.124	0.15	4.2
1.83	0.194	0.25	2.8
2.18	0.361	0.37	4.6
2.74	0.225	0.22	4.4
2.04	0.172	0.12	5.3
1.24	0.161	0.07	26.1
1.54	0.157	0.12	27.8
0.638	0.091	0.05	77.9
0.905	0.116	0.09	71.9
0.823	0.106	0.09	85.3
1.29	0.176	—	29.1
1.71	0.238	0.13	23.9
2.15	0.368	0.18	11.6
1.36	0.274	0.19	19.6
1.81	0.287	0.20	16.9
1.28	0.268	0.29	9.2
1.74	0.317	0.28	37.4
1.21	0.325	0.15	8.7
1.78	0.350	0.32	6.6
1.93	0.315	0.27	8.7
0.975	0.306	0.25	5.7
1.06	0.333	0.29	10.4
0.703	0.272	0.22	6.4
1.69	0.326	0.29	5.2
0.875	0.296	0.24	5.8
2.22	0.248	0.22	5.3
1.74	0.307	0.27	3.7
1.88	0.27	0.25	8.6
1.40	0.28	0.25	9.9
1.62	0.24	0.28	5.9
2.66	0.31	0.28	5.1
2.59	0.39	0.35	3.6
1.70	0.30	0.24	<3.0
2.05	0.52	0.22	<3.0
[redacted]			
2.11	0.20	0.17	3.6
1.34	0.10	0.08	2.7
0.371	0.09	0.06	4.8
1.79	0.19	0.13	4.0
1.70	0.23	0.15	4.3
1.51	0.28	0.11	17.4
1.06	0.32	0.16	5.6

	1.75		—		—		16.8
	1.57		0.22		0.02		9.2
	1.62		0.33		0.21		10.4
	1.74		0.23		0.26		6.7
	2.33		0.33		0.24		11.2
	1.30		0.29		0.28		6.4
	2.16		0.31		0.59		6.5
	1.96		0.32		0.26		7.5
	1.28		0.33		0.36		9.5
	0.746		0.32		0.28		5.1
	1.04		0.37		0.34		9.6
	1.15		0.34		0.31		21.8
	1.91		0.34		0.33		40.8
	1.37		0.40		0.37		5.4
	0.619		0.28		0.26		5.4
	0.941		0.24		0.22		5.5
	2.06		0.29		0.27		4.9
	1.96		0.25		0.23		4.2
[redacted]							
	2.54		0.16		0.19		5.0
	2.25	J-QC/FFB	0.20	J-QC/FFB	0.18		3.7
	2.50	J-QC/FLS	0.18		0.18		4.2
J-QC/FFB	0.823	J-QC/FFB	<0.05	KJ-QC/FFB/FFDRPO	0.16		4.4
	1.81		0.30	J-QC/FFD/RPO	0.19		9.7
J-QC/FFB	1.38	J-QC/FFB	0.22		0.19		<2.4
J-QC/FFB	1.62		0.20		0.18		1.3
	1.70	J-QC/FFB	0.27		0.18		1.5
	—	NAP	0.24		0.20		3.9
J-QC/FFB	1.46		0.18		0.16		1.5
	0.723		0.23		0.17	J-QC/FFB/FFDRPO	3.1
J-QC/FFB	1.11		0.19		0.17		11.8
	1.23	J-QC/FFB	0.26	J-QC/FFD/RPO	0.14		31.7
	1.52		0.31	J-QC/FFB	0.20		30.2
	1.64		0.24	J-QC/FFB	0.22		8.6
	1.04		0.22		0.20	J-QC/FFB	3.3
J-QC/FFB	0.730		0.21		0.20		4.6
	1.16	J-QC/FFB	0.27		0.23		4.8
	1.31		0.22		0.20		5.2
	1.08		0.25		0.23		3.0
	1.77	J-QC/FFB	0.21		0.19		8.1
J-QC/FFB	1.51		0.15		0.32	JCJ-QC/FFB	2.6
	2.87		0.25		0.28	J-QC/FFB	3.8
J-QC/FFB	1.91		0.25		0.24		4.4
	1.82		0.21		0.20		2.1
	0.971		0.15	J-QC/FFD/RPO	0.13		1.9
[redacted]							
	1.20		0.16		0.11		1.9
	1.44		0.26		0.14		4.1
	1.16		0.11		0.07		9.0
J-QC/FLS	0.690		0.09		0.08		18.1

	1.34		0.18		0.07		9.2
	1.32		0.24		0.21		6.3
	1.60		0.21		0.18		19.9
	1.51		0.22		0.21	J-QC/FLD/RPOFLS	9.9
	1.48		0.24		0.18		9.6
J-QC/FFB	0.975		0.31		0.26		3.4
	1.65		0.31		0.27		21.3
J-QC/FFD/RPO	1.53		0.33		0.28		14.4
	1.14		0.37		0.30		12.3
	0.963		0.33		0.29		6.5
	0.883		0.41		0.36		7.4
	1.23		0.37		0.32		1.9
	1.02		0.39		0.35	J-QC/FLD/RPOFLS	8.9
	0.890		0.31	J-QC/FLD/RPOFLS	0.29		8.8
	0.558		0.35		0.32		5.4
	1.57		0.36		0.33		11.3
	1.01		0.30		0.29		4.0
	1.59		0.31		0.28		7.4
	0.616		0.30		0.26		5.8
	2.11		0.27		0.24		14.1
	1.20		0.28		0.25		4.7
	1.78		0.27	J-QC/FFD/RPO	0.23		10.6
	0.908		0.31		0.21	J-QC/FFD/RPO	5.1
	2.57		0.39		0.36		5.3
	1.23		0.20		0.18		5.0
[redacted]							
A/LBF	1.7860		0.19		0.16		1.6
	2.3600		0.20	J-QC/FFB	0.15		3.3
	0.5610		0.19	J-QC/FFD/RPO	0.10		2.5
	0.5249	J-QC/FFB	0.13		0.12		11.1
	0.8836		0.12		0.11		12.6
	1.4484		0.13		0.11		21.1
	0.9190		0.12		0.11		5.7
	0.6603	J-QC/FLS	0.13		0.12		6.5
J-QC/FFD/RPO	1.1079		0.19		0.16		6.7
	2.2572		0.25		0.22		37.6
	1.6491	J-QC/FLS	0.22		0.19		10.4
	1.0181	J-QC/FLS	0.19		0.16		9.6
J-QC/FFB	1.1189	J-QC/FLS	—	A/LBF	0.15		8.2
J-QC/FFB	1.2393		0.19	J-QC/FFD/FLDRPOFLS	0.10	J-QC/FLS	27.3
	1.0904		0.25		0.21		18.6
	1.0923		0.33		0.29		13.7
	1.1236	J-QC/FFB	0.33		0.30		12.8
	1.0703		0.28		0.26		18.6
	1.3094		0.22		—	A/LBF	13.2
	1.3812		0.20		0.17		9.3
	0.9129	J-QC/FFB	0.23		0.17	J-QC/FFB	5.9
	0.5036		0.10		0.15		12.0
	0.5793	J-QC/FFD/RPO	0.12		0.11		13.4
	1.4848		0.19		0.16		44.8

	0.8841		0.12		0.14		5.23
J-QC/FFB/FFDRPO	1.3067		0.11		0.12		2.05
	1.8997		0.13		0.13		2.18
J-QC/FFB	0.9867		0.17	J-QC/FFD/RPO	0.15		3.45
[redacted]							
J-QC/FFB	1.7367		0.17		0.15		13.1
J-QC/FFB	1.4563	J-QC/FFB	0.13		0.11		6.20
	1.8346		0.15		0.12		5.41
J-QC/FFB	1.5511	J-QC/FFB	0.17		0.13		8.10
J-QC/FFB	1.4415		0.23		0.19		15.3
J-QC/FFB	2.1527		0.22		0.19		11.4
J-QC/FFB	1.9584		0.23		0.20		17.2
	1.4451	J-QC/FLS	0.24	J-QC/FFB	0.18		7.17
	1.3625		0.30		0.20		5.70
J-QCJ-HT/FFB/EHT	0.0277		0.23		0.19	J-QC/FFD/RPO	1.83
	1.8855		0.21		0.20		4.61
	1.2054	J-HT/EHT	0.22		0.19		51.0
	1.4319	J-QC/FLS	0.23		0.21		8.20
	1.6418		0.22		0.22	J-QC/FFB	8.71
J-QC/FFB	1.1699	J-QC/FLS	—	A/LBF	0.24		17.5
	1.9908		0.30		0.26	J-QC/FFB	6.02
	1.2388	J-QC/FLS	0.27	J-QC/FFD/RPO	0.24		3.58
	1.1434	J-QC/FFB	0.42	J-QC/FLS	0.26	J-QC/FLS	4.60
	2.1401		0.24		0.23		3.76
J-QC/FFB	1.9395	J-QC/FLS	0.21		0.20		4.53
	1.2791		0.22		0.21		8.71
J-QC/FFB	1.1166	J-QC/FLS	0.26	J-QC/FLS	0.22		7.09
	1.2519		0.26	J-QC/FLS	0.24		6.25
	1.5937		0.22		0.22		9.17
	1.7433		0.27		0.22		3.56
	1.2772		0.21		0.18		1.65
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
J-QC/FFB	1.4292	J-QC/FLS	0.20		0.18		3.83
J-QC/FFB	1.4622		0.29		0.22		0.631
[redacted]							
	1.6001	[redacted]	0.25	J-QC/FFD/RPO	0.20	J-QC	3.98
	1.3462	J-QC/FFB	0.15	J-QC	0.13	J-QC	3.11
NA	—	NA	—	NA	—	NA	—
	1.1235	[redacted]	0.15	J-QC	0.09	J-QC	6.00
NA	—	NA	—	NA	—	NA	—
J-QC/FFD/RPO	1.2945	[redacted]	0.12	J-QC	0.11	J-QC	8.99
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
	1.5547	[redacted]	0.19	[redacted]	0.20	J-QC	37.8
J-HT/EHT	2.3364	J-QC/FFB	0.23	[redacted]	0.17	J-QC	8.89

	1.2643	[redacted]	0.23	[redacted]	0.20	[redacted]	1.00
	1.7031	J-QC/FLS	0.27		0.22	J-QC	2.76
J-QC/FFB	0.7794	[redacted]	0.19		0.17	J-QCJ-HT/EHT	0.706
	1.3358	J-HT/EHT	0.26	J-QC/FMS	0.23	[redacted]	2.60
	0.7302	[redacted]	0.15	J-QC/FFD/FLDRPO	0.13		2.15
J-QCJ-HT/FFB/EHT	0.8572		0.15	[redacted]	0.14	J-QC	1.80
	1.2006		0.31		0.23	[redacted]	3.54
	1.0840	J-QC/FLS	0.28	J-QC/FLD/RPOFSL	0.17		1.36
	1.1458	[redacted]	0.26	[redacted]	0.25		3.93
	1.3677	J-QC/FLS	0.23		0.20	J-QC/FLD/RPO	3.70
J-QC/FLS	1.0356	[redacted]	0.32	J-QC	0.33	[redacted]	4.10
J-HT/EHT	1.5763	[redacted]	0.19	J-QC/FFD/FLDRPOFMS	0.19	[redacted]	5.88
J-QC	1.0315	J-QC	0.21	J-QC/FLD/RPO	0.22	J-QC	4.43
	1.5586	J-QC/FFB	0.23	J-QC	0.22	J-QC	0.870
	0.7841	J-QC/FFB/FLS	0.23	[redacted]	0.21	[redacted]	3.15
J-QCJ-HT/FFB/EHT	2.2341	[redacted]	0.24	J-QC/FMS	0.23		6.33
J-QC/FFB/FFDRPO	1.2409		0.23	[redacted]	0.23		4.07
	1.2651	J-QC/FFB	0.21		0.21	J-QC	16.7
	1.9409	J-QC/FLS	0.25		0.20	[redacted]	9.46
	1.5885	[redacted]	0.31	J-QC	0.24	J-QC	8.93
J-QC/FFB	2.7495	J-QC/FLS	0.28	J-QC	0.25	J-QC	12.8
	1.8234	[redacted]	0.34	J-QC/FLD/RPO	0.29	[redacted]	11.2
[redacted]							
	1.1591	J-QCJ-HT/FFB	0.15		0.14	J/LLS	1.18
J-QC/FFB	2.2675		0.19	J-QC	0.17	J-QC	3.25
J-QC/FFB/FFDRPO	1.8372	J-HT/EHT	0.18		0.15		3.91
	0.7510		0.12		0.08		4.20
J-QC/FFB	0.7266	J-QC	0.17	J-QC/FFB/FMS	0.15	J-QC/FFB	3.25
J/LLS	0.5785		0.09	J-QC/FFB	0.07		3.18
J-QC/FFB	0.9654		0.15	J-QC/FFB/FMS	0.14	J-QC/FFB	1.19
	1.0053	J-QCJ-HT/FLS	0.13		0.10		4.05
J-QCJ-HT/FFB	1.5013		0.18		0.11		54.2
J-QC/FFB	1.3959		0.17	J-QC/FMS	0.16		7.81
J-QC/FFB	1.0931		0.26		0.21		14.0
J-QC/FFB	1.3237		0.22	J-QC/FFB	0.18		31.4
J-QC/FFB	1.3214		0.26	J-QC/FMS	0.21		22.2
J-QCJ-HT/FFB	1.5682	J-QC/FLS	0.25		0.19		14.0
J-QC	1.4332	J-HT	0.22		0.19		9.78
	1.2980		0.20		0.18		12.7
	0.9881		0.23		0.19		39.6
J-QC/FFB	1.2792	J-HT	0.26		0.21		40.6
J-QC/FFB	1.2419		0.24	J-QC/FMS	0.21		10.5
	1.8480		0.28	J-QC/FFB	0.22		37.2
J-QC/FFB/FFDRPO	0.7819		0.26	J-QC	0.25	J-QC	8.93
J-QC/FFB	1.7234		0.25		0.21		11.1
	1.1220		0.27		0.23		9.92
J-QC/FFB	1.3263		0.29		0.25	J-QC	7.69
J-QCJ-HT	3.6320	J-QC	0.57	J-QC	0.50	J-QC/FFB	2.75
J-QC/FFB	1.0857		0.26		0.19		1.13
[redacted]							

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	5.6	0.00	0.00
	4.7	0.00	0.11
[redacted]			
	4.8	0.00	0.00
	4.4	0.00	0.00
	17.0	0.00	0.00
	9.7	0.00	0.03
	3.6	0.03	0.18
	17.0	0.32	1.41
	7.1	0.07	0.16
	<0.5	0.00	0.04
	0.7	0.00	0.03
	2.8	0.00	0.23
	3.3	0.10	0.10
	5.7	0.01	0.01
	4.0	0.00	0.05
	3.8	0.00	0.00
	5.9	0.00	0.00
	3.5	0.00	0.00
	2.0	0.00	0.00
	7.4	0.00	0.00
	1.4	0.00	0.00
	10.5	0.00	0.18
	10.4	0.00	0.00
	7.1	0.45	0.69
	4.4	0.00	0.00
	4.0	0.00	0.00
	6.9	0.00	0.00
	8.1	0.00	0.00
	5.2	0.00	0.00
	4.7	0.00	0.00
	8.6	0.00	0.39
	7.5	0.00	0.00
	5.7	0.00	0.00
	6.8	0.00	0.00
	5.4	0.00	0.00
[redacted]			
	3.3	0.09	0.28
	14.8	0.01	0.01
	1.5	0.14	0.27
	0.5	0.00	0.00
	0.6	0.00	0.00
	2.0	0.00	0.00
	<0.5	0.00	0.00
	0.7	0.00	0.00
	1.0	0.00	0.00

1.2	0.05	0.05	[redacted]
—	0.00	0.40	
1.8	0.00	0.00	
—	0.00	0.00	[redacted]
4.2	0.50	0.50	
—	0.95	1.78	
4.1	0.12	0.12	
4.5	0.00	0.40	
5.2	0.00	0.07	
8.3	0.00	0.00	
5.0	0.00	0.00	
5.2	0.08	0.66	[redacted]
4.9	0.00	0.00	
3.7	0.00	0.03	
3.8	0.00	0.00	
3.2	0.00	0.00	
3.3	0.05	0.05	
5.0	0.71	1.51	
12.8	0.30	0.30	
—	0.57	0.57	[redacted]
8.2	0.00	0.00	
[redacted]			
6.3	0.00	0.00	
5.4	0.00	0.63	
25.8	0.00	0.00	
<0.5	0.00	0.00	
3.9	0.00	0.00	
3.5	0.00	0.00	
4.8	0.00	0.41	
5.6	0.00	0.00	
7.3	0.00	0.00	
—	0.00	0.00	
—	0.39	0.39	
3.2	0.00	0.00	
29.8	0.00	0.00	
4.7	0.17	1.04	
3.9	0.00	0.00	
3.2	0.00	0.00	
3.8	0.25	1.44	
4.9	0.33	2.38	
—	1.56	1.56	
—	0.36	0.36	
9.2	0.00	0.00	
6.1	1.04	1.04	
6.1	0.02	0.02	
5.5	0.00	0.00	
7.1	0.57	1.19	
4.2	0.35	0.35	
6.7	0.00	0.00	
5.0	0.00	0.00	

	4.3	0.00	0.00
	23.4	0.55	2.41
	4.4	0.00	0.00
	3.7	0.00	0.00
	2.3	0.00	0.00
	1.6	0.00	0.00
[redacted]			
	2.4	0.00	0.01
	2.1	0.02	0.02
	1.7	0.00	0.00
	—	0.00	0.00
	4.6	0.00	0.00
	2.6	0.00	0.00
	<0.5	0.00	0.01
	<0.5	1.98	1.98
	3.0	0.00	0.00
	3.0	0.00	0.32
	2.9	0.00	0.32
	3.5	0.00	0.00
	2.6	0.00	0.02
	3.0	0.00	0.00
	3.1	0.00	0.00
	2.7	0.00	1.63
	3.3	0.00	0.00
	4.1	0.28	0.50
	4.4	0.19	0.48
	3.0	1.77	1.77
	3.2	0.44	0.44
	3.6	0.00	0.00
	5.9	0.00	0.00
	6.8	0.00	0.01
	<0.5	0.00	1.48
	4.4	0.00	0.00
	5.9	0.00	0.00
	2.9	0.00	1.09
	8.7	0.00	0.00
	5.8	0.00	0.00
	6.7	0.65	0.72
	6.1	0.00	0.00
	6.7	0.12	0.42
	5.8	0.00	0.00
	13.0	0.06	0.06
[redacted]			
	9.2	0.09	0.10
J-R	4.1	0.00	0.19
	3.7	0.00	0.00
	3.6	0.00	0.00
J-R	5.3	0.00	0.00
	11.8	0.00	0.00
	5.4	0.05	0.71

	—		0.00	0.00
	5.8		0.86	0.86
	5.8		0.00	0.00
	5.9		0.09	0.09
	5.4		0.00	0.14
	5.4		0.00	0.00
	5.2		0.00	0.00
	6.4		0.80	0.80
	6.4		1.70	1.70
	6.2		0.00	0.00
	7.0		0.18	0.18
	4.8		0.00	0.00
	—		0.00	0.00
	4.3		0.00	0.00
	5.3		0.00	0.00
	4.2		0.00	0.00
	6.5		0.44	0.59
J-R	5.0		0.00	0.00
[redacted]				
	4.7		0.00	1.25
J-RJ-HT/EHT	4.0		0.00	0.05
J-R	4.4		0.00	0.00
J-RJ-HT/EHT	6.0		0.00	0.78
J-QC/FFD/RPO	5.0	J-QC/FFD/RPO	1.47	2.10
K	7.9		0.00	0.00
J-R	6.6		0.00	0.00
J-R	6.5		0.10	0.10
	5.6		0.01	1.73
J-R	11.4		0.00	0.01
	5.9		0.43	0.43
	5.8		0.00	0.08
	6.0		0.00	0.00
	5.4		0.00	1.44
	5.4		0.00	3.33
	7.2		0.00	0.00
	8.7		0.04	0.04
	6.0		0.00	1.13
	6.6	J-QC/FFB	0.00	0.00
	6.5	J-QC/FFB	0.00	0.00
	5.6	J-QC/FFB	0.00	0.00
	4.9	J-QC/FFB	0.02	0.02
	4.7	J-QC/FFB	0.04	0.04
	4.2	J-QC/FFB	0.06	0.06
	4.9		0.21	0.21
J-R	5.3	J-QC/FFB	0.00	0.00
[redacted]				
J-R	6.00		0.00	0.00
J-QC/FFD/RPO	8.80		0.00	0.07
	5.10		0.00	0.00
	4.60		0.00	0.00

J-QC/FFD/RPO	6.06		2.03	2.03
	3.70		0.47	0.47
	4.90		1.43	1.43
	5.57		0.00	0.00
	4.91		0.00	0.00
	5.26		0.02	1.13
	4.95	J-QC/FFD/RPO	0.00	0.00
	5.22		0.00	0.43
	4.80	J-QC/FFB	0.00	0.00
	4.30		0.00	0.00
	5.10	J-QC/FFB	1.69	2.78
J-R	4.70		0.00	0.00
	4.60	J-QC/FFB	0.00	0.00
	4.00	J-QC/FFB	0.01	0.01
	4.80	BJ-QC/FBK/FFB	0.00	0.00
	4.90	J-QC/FFB	0.00	0.00
	4.40	J-QC/FFB	0.00	0.71
	4.60	BJ-QC/FBK/FFB	0.00	0.00
	4.10	J-QC/FFB	0.00	0.00
	4.50	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.10		0.09	0.09
J-QC/FFD/RPO	4.50		0.00	0.16
	6.00		0.00	0.01
	6.50		0.00	0.15
	7.20		0.00	0.00
[redacted]				
J-R	4.7		0.00	0.00
	5.1	J-QC/FFB	0.00	0.10
J-RJ-QC/FFD/RPO	5.7		0.00	0.00
	4.0		0.00	0.97
	5.4	B/FBK	0.00	0.57
	18.5	BJ-QC/FBK/FFDFLDRPOFSLOUT	0.00	0.00
	4.5	J-QC/FFD/RPO	0.01	2.40
	6.3		0.00	0.00
	5.6		0.00	0.00
	5.3		0.12	0.12
	4.1		0.04	0.05
	5.1	J-QC/FFB	0.01	0.09
J-QC/FFD/RPO	4.4		0.00	0.00
J-QC/FFD/RPO	4.3	J-QC/FFB	0.00	0.00
	4.7	J-QC/FFB	0.17	0.17
	4.9	J-QC/FFB	0.00	0.00
	4.2	J-QC/FFB	0.00	0.00
	4.5	J-QC/FFB	0.69	0.69
	4.9	J-QC/FFB	0.00	0.00
	5.0		0.00	0.22
	7.6	J-QC/FFB	0.00	0.00
	5.6	J-QC/FFB	1.42	2.78
	6.1	J-QC/FFB	0.00	0.00
	6.2	J-QC/FFB	0.04	0.12

	5.1	J-QC/FFB	1.52	1.59
	5.0	J-QC/FFB	0.99	1.00
	4.6	J-QC/FFB	0.84	0.84
	6.6	J-QC/FFD/RPO	0.23	2.42
[redacted]				
	3.5		1.48	1.62
	3.4	J-QC/FFB	0.01	0.03
J-QC/FSL	3.8	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
J-QC/FSL	3.1		0.02	0.02
	5.3		0.91	1.11
	4.5	J-QC/FFB	0.21	0.48
	4.0		0.00	0.18
	3.5		1.94	1.94
	5.8	J-QC/FFB	0.00	0.02
	4.1		0.58	0.60
	5.2	B/FBK	0.00	0.93
	5.5	B/FBK	0.00	0.00
	4.1	B/FBK	0.00	0.00
J-QC/FFD/RPOFSL	3.8		0.00	0.00
	4.1		0.39	0.39
J-QC/FFB	—	A/LBF	0.02	0.04
	4.4		0.23	0.23
	—	NAPEFAI/EQF	0.00	0.00
J-QC/FFD/RPO	3.3		0.00	0.29
J-QC/FSL	3.9		0.00	0.00
	3.7	J-QC/FFD/RPO	0.00	0.12
J-QC/FFD/RPO	3.1	J-QC/FFD/RPO	0.00	0.11
J-QC/FFD/RPO	2.3		0.00	0.00
J-QC/FSL	3.4		0.01	1.01
J-QC/FFD/RPOFSL	2.9		0.00	0.00
	4.0		0.00	0.00
NA	—	NA	0.00	0.00
NA	—	NA	0.05	1.08
NA	—	NA	0.00	0.05
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	5.5	B/FBK	0.00	0.00
J-QC/FFB/FFDRPO	2.8		0.00	0.00
[redacted]				
	3.63	J-QC/FFB	0.00	0.70
J-QC/FFD/RPO	4.23	J-QC/FFB	0.00	0.42
NA	—	NA	1.33	1.51
J-QC/FFB	3.37	J-QC/FFB	0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFB	3.7		0.00	0.46
NA	—	NA	0.07	0.10
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	4.1		0.00	0.00
J-QC/FFD/RPO	4.3		0.00	0.00

J-QC/LLS/FFDRPO	5.1	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	5.2	J-QC	0.35	0.88
J-QC/LLS/FFB	8.6	J-QC	0.00	0.00
J-QC/FFB	7.9		0.18	0.18
J-QC/FFB	5.7		1.29	1.29
J-QC/LLS	5.6	J-QC/FFB/FFDFLDRPO	0.00	0.00
[redacted]	6.8	J-QC/FFD/RPO	0.00	0.01
J-QC/LLS/FSL	3.7	B/FBK	0.02	1.47
[redacted]	7.2	J-QC/FFB/FLDRPO	0.00	0.00
	8.0		0.00	0.00
	4.8		0.00	0.57
J-QC/FFD/RPO	5.2	J-QC/FFB	0.00	0.00
J-QC	4.8	J-QC	0.00	0.00
J/LLS	5.8	J-QC	0.00	1.01
J-QC/FFB/FFDRPO	4.1	J-QC	0.00	0.00
J-QC/FFB	4.8		0.85	0.86
J-QC/FFB	3.7	J-QC/FSL	0.00	0.00
J-QC/FFB	4.2	J-QC/FMS	0.00	0.00
[redacted]	3.3	BJ-QC/FBK/FLDRPOFSLFMS	0.00	0.00
J-HT/EHT	3.31	J-QC	0.00	0.00
[redacted]	0.96	J-QC	0.00	0.00
	5.97		0.44	0.48
[redacted]				
	3.7		0.38	0.60
J-QC/FFB	2.4		0.00	0.09
	3.6	BJ-QC/FBK/FFBFFDRPO	0.36	0.36
	4.5		0.03	0.04
J-QC	4.3	BJ-QC/FBK/FFB	1.02	1.06
	6.2		0.00	0.00
J/LLS	6.4		0.03	0.03
	5.9	B/FBK	0.00	0.00
	5.6		0.00	0.99
	4.2	J-QC/FMS	0.03	0.03
	5.8		0.00	0.00
J-QC/FFD/RPO	6.8		0.20	0.22
	4.1	J-QC/FMS	1.20	1.20
	20.8	J/SUS/OUT	0.00	0.49
	3.6		0.00	0.73
	4.8	J-QC	0.00	0.00
	2.8	BJ-QC/FBK/FFB	0.55	0.64
	3.0		0.00	0.00
	3.2	B/FBK	0.00	0.00
	3.6		0.00	0.00
	1.9		0.00	0.03
	3.3	J-QC/FFD/RPO	0.73	0.73
	2.9	J-QC/FFB	0.00	0.00
	2.0		0.06	0.07
J-QC	4.5	J-QC	0.00	1.86
J/LLS	5.6		0.01	1.60
[redacted]				

Station #12 Upper Kearny Point	Time	pH	Temp (°C)	DO (mg/L)
2003				
December 10, 2003	12:25	6.40	3.9	13.27
December 16, 2003	13:20	7.50	2.6	13.07
2004				
March 31, 2004	12:00	8.08	9.8	9.65
April 6, 2004	11:20	7.46	7.7	9.80
April 22, 2004	10:55	7.05	13.6	9.09
May 18, 2004	12:15	7.18	21.0	6.04
May 27, 2004	12:20	7.26	20.9	5.84
June 16, 2004	11:50	7.32	24.5	5.20
June 23, 2004	11:40	7.57	22.2	6.56
July 1, 2004	12:10	7.16	23.6	—
July 7, 2004	11:36	7.40	—	—
July 14, 2004	11:40	7.47	22.2	—
July 21, 2004	09:10	7.51	24.8	3.40
July 28, 2004	12:10	7.72	21.6	6.00
August 4, 2004	12:05	7.21	26.35	4.32
August 11, 2004	11:25	7.82	24.16	4.66
August 18, 2004	11:56	7.12	23.76	4.66
August 25, 2004	11:37	7.37	22.88	6.41
September 1, 2004	11:20	7.53	25.35	5.13
September 15, 2004	12:30	7.34	23.19	4.74
September 22, 2004	11:41	7.39	20.67	5.99
September 29, 2004	12:05	7.34	19.47	7.54
October 14, 2004	12:10	—	17.84	6.15
October 26, 2004	09:15	—	13.8	6.92
November 8, 2004	09:30	—	11.6	7.24
November 22, 2004	10:55	7.42	9.67	8.57
December 8, 2004	10:43	7.67	5.87	11.17
2005				
February 23, 2005	11:25	—	3.07	—
March 9, 2005	11:50	—	4.0	10.36
March 21, 2005	11:17	—	5.9	13.13
April 13, 2005	09:33	—	10.38	14.54
May 3, 2005	10:05	7.30	13.35	8.33
May 11, 2005	11:34	7.55	13.00	15.66
May 18, 2005	09:38	7.64	16.72	8.69
May 24, 2005	09:47	7.39	16.01	7.25
June 2, 2005	10:10	7.15	17.96	5.39
June 8, 2005	11:23	7.26	20.41	5.70
June 13, 2005	11:49	7.28	24.51	5.68
June 22, 2005	10:09	7.35	22.47	6.07
July 6, 2005	11:43	7.27	24.75	4.57
July 28, 2005	09:59	7.31	27.15	4.39
August 2, 2005	11:02	—	27.16	4.57
August 11, 2005	—	—	—	—
August 16, 2005	10:54	7.39	26.88	2.90

August 25, 2005	11:39	—	25.70	4.66
August 30, 2005	—	—	—	—
September 8, 2005	—	—	—	—
September 14, 2005	12:06	7.36	24.65	5.38
September 20, 2005	10:43	7.36	24.66	5.07
September 27, 2005	11:28	7.26	22.48	5.46
October 6, 2005	11:46	7.37	21.28	5.75
October 19, 2005	13:12	8.36	15.04	10.27
November 3, 2005	11:43	7.48	12.43	10.03
December 21, 2005	11:29	7.07	2.05	14.66
2006				
January 5, 2006	11:30	7.67	5.41	14.71
February 2, 2006	12:17	7.54	5.78	13.13
February 15, 2006	12:04	7.61	3.33	14.11
March 1, 2006	11:29	7.83	3.62	12.32
March 15, 2006	09:49	7.75	7.28	10.57
March 29, 2006	12:24	7.81	8.81	9.86
April 18, 2006	11:27	7.62	12.57	8.51
April 27, 2006	11:39	7.50	14.62	11.57
May 2, 2006	11:33	7.40	14.24	11.20
May 11, 2006	12:26	7.40	15.88	7.23
May 16, 2006	12:15	7.25	15.84	7.29
June 13, 2006	11:50	7.38	20.02	6.51
June 21, 2006	12:00	7.22	23.31	4.71
July 11, 2006	11:43	7.21	23.40	5.85
July 26, 2006	11:12	7.14	25.57	4.36
August 2, 2006	11:28	7.35	27.56	6.14
August 9, 2006	10:59	7.53	25.01	5.20
August 17, 2006	11:15	7.26	25.34	4.13
August 31, 2006	12:21	7.41	22.47	4.54
September 6, 2006	11:00	7.46	20.28	5.99
September 20, 2006	11:52	7.50	21.36	5.96
September 27, 2006	12:22	7.35	20.27	5.81
October 19, 2006	12:24	7.48	14.65	8.39
November 1, 2006	11:54	7.91	11.10	11.11
November 16, 2006	12:18	7.60	13.43	9.36
November 29, 2006	11:45	7.55	10.50	8.85
2007				
January 10, 2007	12:20	8.54	6.52	11.87
January 24, 2007	11:43	7.39	4.76	9.36
February 22, 2007	11:38	7.60	1.91	13.61
March 8, 2007	10:05	9.12	0.70	14.76
March 21, 2007	12:43	7.56	4.63	11.81
April 3, 2007	12:39	7.94	9.73	11.51
May 2, 2007	12:27	7.62	15.16	10.11
May 15, 2007	10:48	7.37	17.11	8.64
Boat engine failure - 5/18/07				
August 29, 2007	11:33	7.33	24.02	6.05
September 6, 2007	11:46	7.44	23.65	5.10
September 13, 2007	11:45	7.37	23.84	5.64

September 26, 2007		12:05	7.36		22.15		8.78
October 3, 2007	A	11:57	7.33		21.80		4.93
October 3, 2007	B	11:57	—		—		—
October 17, 2007		11:09	7.34		19.01		5.13
October 31, 2007		11:45	7.31		15.76		6.43
November 28, 2007		11:55	—		9.01		9.29
December 12, 2007		12:00	—		6.38		8.75
2008							
January 9, 2008		11:23	—		5.22		12.16
February 5, 2008		12:01	7.44		3.68		12.31
March 12, 2008		12:26	7.41		5.33		13.17
May 7, 2008		11:40	7.48		14.50		7.50
May 14, 2008		11:09	7.42		14.37		7.50
May 21, 2008		12:02	7.63		14.74		7.01
June 12, 2008		13:13	7.23		24.10		5.34
June 18, 2008		11:49	7.32		22.87		4.86
June 25, 2008		12:10	7.41		23.10		5.46
July 16, 2008		11:24	7.37		24.70		5.02
August 14, 2008		12:00	7.51		24.72		4.49
August 20, 2008		11:35	7.49		23.66		5.24
September 3, 2008		11:44	7.44		24.23		5.24
September 11, 2008		11:10	7.37		22.96		4.65
September 17, 2008		11:23	7.31		22.22		3.37
October 8, 2008		11:25	—		18.21		3.88
2009							
February 4, 2009		12:13	7.32		1.74		7.99
March 5, 2009		12:42	7.40		3.95		10.57
April 27, 2009		12:04	7.13		11.82		—
May 6, 2009		12:27	7.51		15.41		—
May 21, 2009		12:05	7.46		17.49		—
June 2, 2009		11:40	7.31		19.35		—
June 17, 2009		12:58	7.35		19.94		7.37
June 25, 2009		11:37	7.31		20.09		5.37
July 9, 2009	A	11:40	7.40		21.98		5.88
July 9, 2009	B	11:40	—		—		—
July 16, 2009		12:07	—	NAPEFAI/EQF	23.77		6.51
July 22, 2009		12:51	—	NAPEFAI/EQF	23.47		5.14
August 5, 2009		11:30	—	NAPEFAI/EQF	25.05		5.31
August 11, 2009		11:46	—	NAPEFAI/EQF	24.52		4.65
August 20, 2009		11:20	—	NAPEFAI/EQF	26.26		—
August 26, 2009		11:30	—	NAPEFAI/EQF	26.55		—
September 3, 2009		11:21	—	NAPEFAI/EQF	22.95		—
September 23, 2009		12:35	—	NAPEFAI/EQF	21.14		—
October 14, 2009		12:30	—	NAPEFAI/EQF	15.58		—
December 7, 2009	A	11:59	7.69		8.72		10.81
December 7, 2009	B	11:59	—		—		—
2010							
March 22, 2010	A	11:46	7.33		9.67		16.15
March 22, 2010	B	11:46	—	NA	—	NA	—
April 14, 2010		11:33	7.61		13.67		10.63

May 5, 2010		12:21	7.30		20.52		7.98
May 11, 2010		12:01	7.45		14.80		8.17
May 17, 2010		11:44	7.43		14.09		8.28
May 27, 2010		10:45	7.28		18.97		7.61
June 7, 2010		12:08	7.58		23.21		7.60
June 22, 2010		12:00	7.30		24.27		7.49
June 30, 2010	A	11:18	7.66		24.99		6.73
June 30, 2010	B	11:18	—	NA	—	NA	—
July 14, 2010		12:12	7.36		26.14		5.15
July 21, 2010		11:33	7.29		27.39		3.75
August 5, 2010	A	11:17	7.30		25.72		3.94
August 5, 2010	B	11:17	—	NA	—	NA	—
August 12, 2010		11:31	7.39		25.28		4.51
August 18, 2010		11:50	7.22		25.26		4.04
September 1, 2010		11:33	7.38		26.52		5.74
September 9, 2010		11:45	7.29		22.96		6.84
September 16, 2010		11:45	7.44		20.75		6.30
September 23, 2010		10:48	7.56		21.24		6.43
October 5, 2010		12:22	7.27		17.34		7.64
November 18, 2010	A	11:25	7.49		10.55		9.94
November 18, 2010	B	11:25	—	NA	—	NA	—
December 9, 2010		12:08	7.60		4.62		11.75
2011							
January 4, 2011		12:33	7.60		2.30		12.48
February 9, 2011		12:03	7.43		1.86		14.15
March 8, 2011	A	11:41	7.17		5.66		14.74
March 8, 2011	B	11:41	—	NA	—	NA	—
April 14, 2011	A	12:06	7.05		11.33		11.62
April 14, 2011	B	12:06	—	NA	—	NA	—
May 5, 2011	A	12:07	6.82		15.70		8.29
May 5, 2011	B	12:07	—	NA	—	NA	—
May 12, 2011		12:10	—	NAPEFAI/EQF	17.10		9.07
May 24, 2011	A	12:05	7.28		17.27		8.79
May 24, 2011	B	12:05	—	NA	—	NA	—
June 1, 2011	A	12:15	7.44		24.23		9.41
June 1, 2011	B	12:15	—	NA	—	NA	—
June 8, 2011		12:08	7.44		21.33		6.65
June 15, 2011		11:56	7.21		21.79		5.06
June 27, 2011	A	11:45	7.29		23.01		7.12
June 27, 2011	B	11:45	—	NA	—	NA	—
July 11, 2011		12:11	7.41		26.11		5.06
July 26, 2011	A	12:00	7.31		27.40		3.88
July 26, 2011	B	12:00	—	NA	—	NA	—
August 2, 2011		11:51	7.44		25.74		4.87
August 10, 2011	A	12:45	7.35		26.63		4.75
August 10, 2011	B	12:45	—	NA	—	NA	—
August 16, 2011	A	12:04	7.28		24.32		4.70
August 16, 2011	B	12:04	—	NA	—	NA	—
August 23, 2011		11:48	7.41		23.80		5.99
September 7, 2011	A	12:44	7.38		19.26		9.02

September 7, 2011	B	12:44	—	NA	—	NA	—
September 20, 2011		11:53	7.58		18.25		7.71
September 27, 2011	A	11:48	7.35		21.68		4.85
September 27, 2011	B	11:48	—	NA	—	NA	—
October 24, 2011	A	12:03	7.67		14.90		8.49
October 24, 2011	B	12:03	—	NA	—	NA	—
November 1, 2011		12:00	7.61		10.51		9.68
December 19, 2011	A	12:27	7.83		6.38		12.39
December 19, 2011	B	12:27	—	NA	—	NA	—
2012							
January 10, 2012	A	11:28	7.83		5.26		11.29
January 10, 2012	B	11:28	—	NA	—	NA	—
February 7, 2012		12:30	7.82		5.45		11.46
March 6, 2012		09:52	7.61		5.84		11.14
April 17, 2012		09:54	7.67		14.41		8.15
May 7, 2012	A	11:19	7.05		14.63		—
May 7, 2012	B	11:19	—	NA	—	NA	—
May 14, 2012		09:45	7.39		17.65		7.00
May 24, 2012		10:25	7.35		19.28		6.74
May 30, 2012		10:06	7.42		22.88		5.22
June 5, 2012		09:38	7.07		20.05		6.07
June 11, 2012		09:34	—	NAPEFAI/EQF	21.38		5.70
June 19, 2012	A	11:34	—	NAPEFAI/EQF	22.09		4.40
June 19, 2012	B	11:34	—	NA	—	NA	—
July 2, 2012		09:32	—	NAPEFAI/EQF	24.66		4.67
July 10, 2012	A	11:50	7.61		26.07		5.72
July 10, 2012	B	11:50	—	NA	—	NA	—
July 17, 2012		09:38	7.50		26.55		5.60
August 1, 2012		11:37	7.28		25.77		4.20
August 7, 2012	A	11:55	5.57		27.29		5.64
August 7, 2012	B	11:55	—	NA	—	NA	—
August 14, 2012		11:40	7.34		26.30		4.51
August 21, 2012		11:50	7.43		24.72		4.86
August 29, 2012	A	11:58	7.35		25.06		6.16
August 29, 2012	B	11:58	—	NA	—	NA	—
September 13, 2012		09:35	7.37		24.13		5.20
October 17, 2012	A	11:19	7.49		16.33		6.44
October 17, 2012	B	11:19	—	NA	—	NA	—
November 19, 2012		10:29	7.53		8.88		9.10
November 20, 2012		08:15	7.41		8.29		8.50
November 21, 2012		08:33	7.33		8.31		8.77
December 6, 2012	A	11:13	7.68		7.62		9.46
December 6, 2012	B	11:13	—	NA	—	NA	—
2013							
January 9, 2013		08:19	7.51	[redacted]	4.10		11.98
February 5, 2013		10:33	7.75	[redacted]	1.26		14.40
February 28, 2013	A	09:03	7.66	[redacted]	4.62		12.07
February 28, 2013	B	09:03	—	NA	—	NA	—
March 11, 2013		10:32	7.72	[redacted]	5.01		12.61
April 4, 2013		08:22	7.85	[redacted]	7.16		10.90

April 23, 2013		10:32	7.78	[redacted]	12.15		8.82
May 6, 2013		12:18	7.68	[redacted]	16.17		7.67
May 14, 2013	A	11:28	7.58	[redacted]	16.55		6.46
May 14, 2013	B	11:28	—	NA	—	NA	—
May 22, 2013	A	11:26	7.50	[redacted]	17.73		5.67
May 22, 2013	B	11:26	—	NA	—	NA	—
May 30, 2013		11:44	7.44	[redacted]	17.74		6.67
June 5, 2013	A	11:29	7.40	[redacted]	21.85		5.24
June 5, 2013	B	11:29	—	NA	—	NA	—
June 18, 2013		11:53	7.91	[redacted]	21.63		7.96
June 25, 2013	A	11:52	7.53	[redacted]	22.61		5.95
June 25, 2013	B	11:52	—	NA	—	NA	—
July 9, 2013		12:28	7.53	[redacted]	27.18		5.67
July 16, 2013		12:14	7.63	[redacted]	26.83		5.14
July 23, 2013		12:18	7.55	[redacted]	28.09		4.90
July 31, 2013	A	12:15	7.54	[redacted]	24.32		4.84
July 31, 2013	B	12:15	—	NA	—	NA	—
August 6, 2013		09:40	7.65	[redacted]	23.14		5.55
August 20, 2013		12:28	7.70	[redacted]	23.04		4.46
August 27, 2013	A	12:22	7.67	[redacted]	24.04		5.75
August 27, 2013	B	12:22	—	NA	—	NA	—
September 4, 2013		10:06	7.60	[redacted]	23.87		4.99
September 9, 2013	A	12:09	7.79	[redacted]	21.62		5.73
September 9, 2013	B	12:09	—	NA	—	NA	—
September 25, 2013	A	11:36	7.70	[redacted]	18.93		6.43
September 25, 2013	B	11:36	—	NA	—	NA	—
October 1, 2013		09:54	7.71	[redacted]	18.85		6.54
November 21, 2013	A	12:39	7.70	[redacted]	8.43		9.25
November 21, 2013	B	12:39	—	NA	—	NA	—
December 3, 2013		10:02	7.84	[redacted]	6.44		9.60
2014							
March 4, 2014		11:44	7.62		0.66		16.71
April 10, 2014		09:56	8.03		8.84		13.60
May 6, 2014		12:05	8.46		13.69		12.46
May 14, 2014		12:01	7.81		16.88		7.93
May 21, 2014	A	12:33	7.43		16.41		8.01
May 21, 2014	B	12:33	—	NA	—	NA	—
June 3, 2014		12:03	7.11		18.92		7.96
June 12, 2014		09:52	7.38		18.63		5.53
June 24, 2014		11:44	7.52		22.30		6.57
June 30, 2014	A	12:04	7.58		23.27		6.29
June 30, 2014	B	12:04	—	NA	—	NA	—
July 7, 2014		12:14	7.76		23.46		6.46
July 16, 2014	A	11:54	7.48		23.00		5.01
July 16, 2014	B	11:54	—	NA	—	NA	—
July 22, 2014		11:50	7.74		22.93		5.35
July 29, 2014		12:03	7.78		23.60		5.59
August 5, 2014	A	11:50	7.59		23.24		4.73
August 5, 2014	B	11:50	—	NA	—	NA	—
August 11, 2014		09:50	7.44		22.85		5.42

August 19, 2014	A	12:04	7.56		22.55		5.27
August 19, 2014	B	12:04	—	NA	—	NA	—
September 4, 2014		12:55	7.44		24.84		8.40
September 10, 2014	A	12:34	7.57		—	NAPEFAI/EQF	—
September 10, 2014	B	12:34	—	NA	—	NA	—
September 16, 2014		12:10	7.51		21.33		5.49
September 23, 2014		10:04	7.40		20.28		5.66
September 29, 2014	A	12:00	7.43		21.00		5.66
September 29, 2014	B	12:00	—	NA	—	NA	—
November 25, 2014		10:04	7.62		8.82		10.55
December 1, 2014		12:10	7.29		7.38		10.36

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	105.5	7.7	3	16
	97.0	0.9	2	6
[redacted]				
	88.7	4.7	3	5
	88.8	11.8	3	12
	93.6	11.5	3	8
	70.5	5.0	3	18
	64.1	13.1	4	10
	60.0	—	3	12
	74.8	—	3	11
	—	—	2	14
	—	—	3	10
	—	—	3	12
	36.0	—	4	19
	68.3	—	2.5	12
	56.7	10.07	—	9
	58.5	9.09	3	13
	58.3	10.01	3	56
	75.6	2.08	2.5	12
	68.1	14.28	2.5	20
	59.7	11.97	2	17
	68.5	7.64	3	12
	83.2	1.97	2	18
	71.3	15.83	4	19
	71.4	13.0	3	25
	70.3	8.1	3	8
	80.2	9.59	2.5	12
	90.7	2.14	3	10
[redacted]				
	—	11.10	3	12
	92.8	5.2	—	20
	111.7	7.5	4	6
	137.1	8.97	4	8
	85.2	10.58	2	14
	107.0	15.75	3	32
	96.6	20.07	2.5	10
	84.1	21.20	3	25
	62.0	14.93	1.5	42
	70.2	18.16	2	12
	74.5	16.55	—	9
	78.8	20.44	4	12
	62.1	20.74	3	14
	61.1	17.06	2	22
	62.7	16.07	2	13
	—	—	—	18
	38.7	11.09	2	16

64.3	20.83	3	53
—	—	—	6
—	—	—	13
71.8	18.10	2	32
70.5	26.21	—	35
69.7	17.52	—	16
75.2	25.50	4	41
102.4	0.56	1.5	14
99.0	8.47	—	15
108.0	3.14	3	3
123.5	9.17	3	8
112.7	11.09	2	13
110.3	6.58	3	11
106.8	20.47	1	46
96.2	14.71	3	16
93.3	14.40	2	15
87.5	18.04	3	20
119.2	7.54	2	20
118.6	12.81	2	22
79.8	14.47	2	19
79.3	12.08	2	12
76.1	10.16	2	16
58.1	7.94	2	14
72.6	10.25	—	15
57.6	14.78	—	14
84.5	14.34	—	16
70.7	20.63	2	57
54.3	13.78	2	22
57.8	16.83	4	18
68.8	6.47	2	20
70.5	6.60	2	20
72.2	19.85	3	14
85.9	6.32	2	20
101.6	0.51	1	20
90.7	1.91	2	10
84.6	8.32	3	6
97.6	1.55	—	10
81.4	16.61	2.5	22
114.1	21.85	2	29
104.8	2.63	3	5
101.3	13.94	2	18
105.8	6.11	2	10
102.5	2.52	2	7
95.6	10.68	2	26
79.5	18.23	3	20
65.1	13.32	4	16
76.4	21.18	4	22

	115.3		22.60		3		30
	63.2		20.28		4		25
	—		—		—		—
	62.3		19.55		4		27
	71.9		17.24		4		36
	91.0		19.67		2		21
	79.2		17.18		3		16
[redacted]							
	101.4		8.65		—		24
	96.5		5.43		2		18
	104.3		0.38		2		8
	80.7		15.58		2		42
	76.6		7.10		3		15
	73.4		10.22		2		20
	69.7		16.23		3		17
	61.9		15.31		3		12
	71.2		19.76		5		18
	67.6		18.31		5		19
	59.2		15.46		3		14
	70.0		22.16		4		21
	71.6		23.45		5		42
	57.7		10.01		3		10
	43.3		20.44		4		20
	46.2		19.54		4		18
[redacted]							
	65.0		17.74		5		32
	86.3		10.14		6		10
NAPEFAI/EQF	—	NAPEFAI/EQF	19.41		1		36
NAPEFAI/EQF	—	NAPEFAI/EQF	5.38		2		16
NAPEFAI/EQF	—	NAPEFAI/EQF	4.73		2		19
NAPEFAI/EQF	—	NAPEFAI/EQF	7.98		2		15
	82.0		1.77		2		12
	64.3		13.88		2		10
	73.2		14.89		3		29
	—		—		—		32
	83.9		14.40		4		8
	63.5		8.65		2		29
	66.5		5.63		3		8
	60.8		15.06		4		24
NAPEFAI/EQF	—	NAPEFAI/EQF	16.08		3		21
NAPEFAI/EQF	—	NAPEFAI/EQF	12.43		3		8
NAPEFAI/EQF	—	NAPEFAI/EQF	15.33		4		10
NAPEFAI/EQF	—	NAPEFAI/EQF	19.42		4		24
NAPEFAI/EQF	—	NAPEFAI/EQF	13.98		3		32
	103.2		16.48		3		20
	—		—		—		7
[redacted]							
	146.4		5.13		3		8
NA	—	NA	—	NA	—	NA	8
	106.8		6.22		4		7

J-QC/FLD/RPO
J-QC/FFD/RPO
J-QC/FFB
J-QC/FFD/RPO
J-QC/FFD/RPO
J-QC/FFD/RPO
J-QC/FFD/RPO

	90.5		3.32		3		6	J-QC/FFD/RPO
	84.8		8.58		2		29	
	89.3		17.36		2		31	
	90.1		14.67		2		30	
	95.4		13.45		2		18	
	94.7		11.93		2		16	J-QC/FFD/RPO
	91.1		19.76		6		34	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	12	J-QC/FFD/RPO
	69.2		18.96		3		40	
	50.9		11.12		2		28	
	53.3		17.48		3		38	J-QC/FFB/FLDRPO
NA	—	NA	—	NA	—	NA	32	J-QC/FFB/FLDRPO
	63.1		24.42		3		30	
	53.2		13.63		2		36	J-QC/FFD/RPO
	78.1		16.02		5		15	
	90.9		22.59		4		18	
	76.8		15.80		2		35	J-QC/FFD/RPO
	81.2		19.74		3		40	
	81.6		4.92		2		22	
	92.7		6.68		2		31	
NA	—	NA	—	NA	—	NA	28	
	97.0		9.93		3		16	
	98.4		12.21		3		24	J-QC/FFB/FFD/RPO
	112.0		15.57		3		42	
	116.3		1.01		1		36	
NA	—	NA	—	NA	—	NA	38	
	108.3		3.09		3		14	
NA	—	NA	—	NA	—	NA	18	
	85.3		4.09		3		26	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	9	J-QC/FFD/RPO
	97.8		5.43		—	A	12	
	92.7		1.83		3		16	
NA	—	NA	—	NA	—	NA	16	
	114.3		3.53		3		21	
NA	—	NA	—	NA	—	NA	26	
	81.4		14.66		4		48	
	60.9		10.70		3		22	
	84.3		2.83		3		18	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	12	J-QC/FFD/RPO
	63.8		4.29		3		20	
	52.6		12.38		3		30	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	41	J-QC/FLD/RPO
	67.5		21.97		3		52	J-QC/FLD/RPO
	61.1		5.50		3		16	
NA	—	NA	—	NA	—	NA	16	
	58.9		8.81		3		14	
NA	—	NA	—	NA	—	NA	11	
	71.5		2.54		4		38	
	97.2		0.09		2		20	

NA	—	NA	—	NA	—	NA	20	
	84.5		3.86		5		6	
	71.2		6.72		2		26	
NA	—	NA	—	NA	—	NA	24	
	85.8		3.32		1		20	
NA	—	NA	—	NA	—	NA	16	
	90.6		6.64		5		27	J-QC/FFB
	104.1		5.52		3		18	
NA	—	NA	—	NA	—	NA	18	
[redacted]								
	95.7		10.69		3		18	
NA	—	NA	—	NA	—	NA	14	
	94.7		6.09		2		20	
	96.9		12.67		4		26	
	88.9		17.56		3		41	
A	—	A	20.25		3		56	
NA	—	NA	—	NA	—	NA	60	
	77.8		10.08		1		31	J-QC/FLD/RPO
	79.1		13.12		3		20	
	62.8		6.38		3		21	
	73.2		17.50		4		57	
	67.1		7.45		1		13	J-QC/FFB
	53.6		8.90		1		32	
NA	—	NA	—	NA	—	NA	38	
	61.5		16.87		2		54	
	79.1		19.86		4		28	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	36	J-QC/FLD/RPO
	78.5		18.27		4		24	J-QC/FFD/FLDRPO
	56.5		27.35		2		30	J-QC/FLD/RPO
	79.4		19.28		4		54	
NA	—	NA	—	NA	—	NA	46	
	60.2		12.77		3.5		40	J-QC/FLD/RPO
	66.3		21.95		2		64	
	81.8		16.27		2		22	
NA	—	NA	—	NA	—	NA	29	
	68.1		16.90		3		16	
	77.0		25.66		3		44	
NA	—	NA	—	NA	—	NA	52	
	89.1		19.57		3		44	J-QC/FLD/RPO
	78.6		13.09		3		16	
	82.1		14.52		3		—	NA
	91.4		21.96		2		33	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	24	J-QC/FLD/RPO
[redacted]								
[redacted]	101.7	[redacted]	15.70		2		40	
[redacted]	104.3	[redacted]	3.09		2		22	J-QC/FFB
[redacted]	103.0	[redacted]	15.10		3		—	NA
NA	—	NA	—	NA	—	NA	—	NA
[redacted]	107.9	[redacted]	13.52		3		60	
[redacted]	96.2	[redacted]	10.29		3		26	

[redacted]	87.8	[redacted]	10.32		2		—	NA
[redacted]	82.6	[redacted]	8.74		2		18	J-QC/FFD/RPO
[redacted]	70.9	[redacted]	13.56		4		23	
NA	—	NA	—	NA	—	NA	28	
[redacted]	62.5	[redacted]	9.30		2		42	
NA	—	NA	—	NA	—	NA	48	
[redacted]	74.8	[redacted]	11.41		1		26	
[redacted]	62.0	[redacted]	6.58		2		39	
NA	—	NA	—	NA	—	NA	42	
[redacted]	91.2	[redacted]	0.21		2		14	
[redacted]	73.2	[redacted]	11.35		3		20	
NA	—	NA	—	NA	—	NA	21	
[redacted]	74.4	[redacted]	7.31		3		32	
[redacted]	68.1	[redacted]	10.57		5		28	J-QC/FLD/RPO
[redacted]	66.9	[redacted]	11.45		4		38	J-QC/FLD/RPO
[redacted]	63.0	[redacted]	16.70		3		17	
NA	—	NA	—	NA	—	NA	14	
[redacted]	71.6	[redacted]	16.52		4.5		15	J-QC/FLD/RPO
[redacted]	55.8	[redacted]	14.41		2.5		24	J-QC/FLD/RPO
[redacted]	76.1	[redacted]	19.86		3		49	
NA	—	NA	—	NA	—	NA	46	
[redacted]	66.1	[redacted]	17.16		3		13	J-QC
[redacted]	71.7	[redacted]	18.02		2		40	
NA	—	NA	—	NA	—	NA	44	
[redacted]	77.6	[redacted]	20.37		3		40	
NA	—	NA	—	NA	—	NA	40	
[redacted]	78.5	[redacted]	20.08		6		17	
[redacted]	92.7	[redacted]	24.52		3		50	
NA	—	NA	—	NA	—	NA	38	
[redacted]	90.1	[redacted]	21.78		3		44	
[redacted]								
	128.4		14.65		1		35	J-QC/FLD/RPO
	119.7		3.00		2		11	
	120.7		0.59		2		8	J-QC/FLD/RPO
	84.4		4.95		1		25	
	87.3		11.08		1		16	
NA	—	NA	—	NA	—	NA	14	
	93.2		15.00		4		26	
	64.4		12.55		2		22	
	80.1		9.77		1		14	J-QC/FFB
	81.7		18.06		3		11	
NA	—	NA	—	NA	—	NA	14	
	79.2		5.28		3		20	
	64.0		15.99		—	A	30	
NA	—	NA	—	NA	—	NA	30	
	64.5		6.25		2		13	
	71.7		15.97		4		32	
	59.1		12.12		3		22	
NA	—	NA	—	NA	—	NA	22	
	72.1		23.56		4		45	

	66.2		15.06		3		26	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	23	J-QC/FLD/RPO
	108.5		22.20		3		28	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	3		40	
NA	—	NA	—	NA	—	NA	38	
	69.2		19.43		2		29	
	70.6		21.66		3		33	
	72.4		22.67		2		32	
NA	—	NA	—	NA	—	NA	34	
	106.8		25.08		3		30	
	92.4		10.80		2		20	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
2.71	<2	<0.09	0.035
1.07	14	<0.09	0.013
[redacted]			
0.41	2	<0.19	0.026
0.79	2	0.25	0.028
0.05	2	<0.19	0.033
1.57	2	<0.19	0.058
0.78	2	<0.19	0.059
0.72	4	<0.19	0.057
0.78	2	<0.19	0.056
2.51	<2	1.66	0.061
1.87	<2	0.31	0.078
2.12	3	<0.19	0.058
2.84	5	<0.19	0.078
1.67	6	<0.19	0.032
1.12	4	<0.19	0.081
2.83	<2	<0.19	0.079
<0.30	<2	<0.19	0.081
3.05	5	<0.19	0.028
1.64	<2	<0.19	0.069
1.41	<2	<0.19	0.102
1.07	<2	<0.19	0.044
0.81	2	<0.19	0.030
0.77	6	<0.19	0.066
1.13	<2	<0.19	0.090
1.28	6	<0.19	0.061
0.86	4	<0.19	0.052
2.54	3	<0.19	0.019
[redacted]			
1.30	<2	<0.19	0.020
1.06	<2	<0.19	0.031
1.16	<2	<0.19	0.028
<1.00	4	<0.19	0.021
0.76	<2	<0.19	0.035
1.18	—	<0.19	0.079
1.12	<2	<0.19	0.061
1.16	<2	<0.27	0.087
1.42	5	<0.27	0.094
1.33	<2	<0.27	0.115
0.91	5	<0.27	0.097
1.12	<2	<0.27	0.115
1.10	3	<0.27	0.156
1.87	—	<0.27	0.074
1.83	<2	<0.27	0.068
1.29	7	<0.27	0.074
1.65	<2	<0.27	0.065

1.22	<2	<0.27	0.114
1.07	—	<0.27	0.114
1.10	<2	<0.27	0.146
0.88	<2	<0.27	0.118
0.99	<2	<0.27	0.116
0.86	<2	<0.27	0.107
1.33	9	<0.27	0.170
1.03	<2	<0.27	0.017
1.23	<2	<0.27	0.060
<1.00	3	<0.27	0.020
[redacted]			
0.99	5	<0.27	0.03
<1.00	4	<0.27	0.029
0.94	7	<0.27	0.028
1.12	10	<0.27	0.038
1.20	<2	0.90	0.057
<0.30	<2	<0.27	0.056
0.82	2	<0.295	0.057
1.87	5	<0.295	0.116
1.57	<2	<0.295	0.079
0.99	—	<0.295	0.065
1.19	—	<0.295	0.053
1.61	<2	<0.295	0.062
0.64	4	<0.295	0.060
0.90	—	<0.295	0.043
1.03	4	<0.295	0.084
1.59	6	<0.295	0.062
1.49	<2	<0.295	0.055
2.11	3	0.35	0.062
1.97	<2	<0.295	0.079
1.06	—	<0.295	0.050
1.06	<2	<0.295	0.052
0.94	—	<0.295	0.094
0.83	<2	<0.295	0.046
0.87	<2	<0.295	0.010
0.93	<2	<0.295	0.020
0.83	<2	<0.295	0.022
[redacted]			
0.79	<2	<0.295	0.022
0.74	<2	<0.295	0.034
0.98	5	0.574	0.041
0.83	<2	<0.295	0.023
0.95	<2	0.412	0.036
0.37	<2	0.102	0.018
0.87	—	0.130	0.019
0.86	<2	0.301	0.052
<0.30	—	0.489	0.113
1.33	<2	0.349	0.084
0.45	<2	0.432	0.146

1.23		<2		0.380		0.171
1.21		<2		0.334		0.145
—		—		—		—
1.08		<2		0.450		0.148
0.84		<2		0.360		0.127
0.55		<2		0.480		0.118
0.73		2		0.194		0.068
[redacted]						
0.96		<2		0.263		0.026
1.26		<2		0.323		—
1.49		<2		0.204		0.010
1.24		<2		0.497		0.056
0.73		<2		0.230		0.049
0.79		<2		0.264		0.038
1.08		3		0.334		0.071
1.01		<2		0.311		0.081
0.68		<2		0.307		0.059
0.81		<2		0.167		0.069
1.44		<2		0.379		0.068
<0.30		<2		0.478		0.081
<0.30		<2		0.356		0.088
1.56		<2		0.190		0.037
0.89		<2		0.283		0.098
0.96		<2		0.460		0.099
[redacted]						
1.29	BJ-QC/FBK/FFBFLS	<2	K	0.688	J-QC/FMS	0.043
1.14	BJ-QC/FBK/FFB	<2	K	0.423		0.033
1.70	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.444		0.051
1.53	BJ-QC/FBK/FFBFLS	<2	K	0.157		0.056
1.42	BJ-QC/FBK/FFBFLS	<2	K	0.292	J-QC/FMS	0.062
1.34	BJ-QC/FBK/FFBFFDRPO	<2	K	0.376		0.073
1.38		<2	K	0.209		0.036
1.80	BJ-QC/FBK/FFB	5		0.240		0.053
1.02	BJ-QC/FBK/FFB	<2	K	0.188		0.048
0.92	BJ-QC/FBK/FFB	<2	K	0.188		0.048
0.94	BJ-QC/FBK/FLS	<2	KJ-QC/FFD/RPOFLS	0.285	J-QC/FFD/RPO	0.058
1.30	J-QC/FFD/RPO	4	J-QC/FLS	0.092		0.045
1.31	BJ-QC/FBK/FFB	<2	K	0.158	J-QC/FFD/RPO	0.038
1.07	J-QC/FLS	<2	KJ-QC/FLS	0.173		0.054
1.34	BJ-QC/FBK/FFBFLS	<2	K	0.178	J-QC/FFD/RPO	0.059
1.60	BJ-QC/FBK/FFB	<2	K	0.117		0.041
1.19	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.249		0.051
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	0.407		0.089
0.95	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.209		0.061
1.66	BJ-QC/FBK/FFBFLS	<2	K	0.213		0.050
1.55	BJ-QC/FBK/FFBFLS	<2	K	0.234		0.051
[redacted]						
1.15	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.150		0.0201
1.23	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.150		0.0190
1.43	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.156		0.0135

1.90	BJ-QC/FBK/FFB	<2	KJ-HT/EHT	0.619	J-QC/FFD/RPO	0.0567
1.86	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	KJ-QC/FMS	0.0384
1.17	BJ-QC/FBK/FFBFLS	<2	K	0.402		0.0669
1.32	BJ-QC/FBK/FFBFLS	<2	K	0.241		0.0792
2.29	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.196	J-QC/FMS	0.0691
1.88	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.357		0.0750
0.57	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.166		0.0623
0.61	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.171		0.0623
2.44	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.201	J-QC/FFD/RPO	0.0694
2.01	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.367		0.0578
1.09	BJ-QC/FBK/FFB	<2	K	0.320		0.0625
1.30	BJ-QC/FBK/FFB	<2	K	0.294		0.0625
0.52	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.325		0.0646
1.68	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.466	J-QC/FSL	0.0859
1.91	BJ-QC/FBK/FFBFLS	<2	K	0.325		0.0763
0.69	BJ-QC/FBK/FFBFFDRPOFLS	4	J-QC/FFB/FLS	0.283		0.0680
0.64	BJ-QC/FBK/FFBFLS	<2	K	0.215		0.0644
0.75	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.320		0.0964
1.73	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.183		0.0429
1.81	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.156		0.0451
2.10	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.141		0.0450
1.81	BJ-QC/FBK/FFB	<2	K	0.267		0.0439
[redacted]						
1.55	BJ-QC/FBK/FFBFLS	<2	K	0.065		0.0556
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.691		0.0541
1.83	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.288		0.0217
1.88	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.272		0.0218
1.59	BJ-QC/FBK/FFB	<2	K	0.126		0.0292
1.53	BJ-QC/FBK/FFB	<2	K	0.136		0.0346
1.98	BJ-QC/FBK/FFB	<2	K	0.278	J-QC/FMS	0.0245
2.16	BJ-QC/FBK/FFB	<2	K	0.283	J-QC/FMS	0.0236
1.14	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0293	KJ-QC/FMS	0.0284
1.84	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.163		0.0400
1.94	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.142		0.0289
1.48	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.098		0.0308
1.20	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.103		0.0357
1.39	BJ-QC/FBK/FFB	<2	K	0.169		0.0571
1.27	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.386		0.0484
1.51	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.250		0.0263
1.69	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.250		0.0263
1.78	BJ-QC/FBK/FFBFLS	<2	K	0.272	J-QC/FFB	0.0344
1.52	BJ-QC/FBK/FFB	<2	K	0.435		0.0539
1.27	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.490		0.0496
0.36	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.343		0.0448
2.13	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.566	J-QC/FFD/RPO	0.0356
1.95	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.370	J-QC/FFD/RPO	0.0338
1.89	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.403	J-QC/FFB	0.0591
1.83	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.414	J-QC/FFB	0.0654
0.79	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.278		0.0565
1.60	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.065	J-QC/FMS	0.0139

1.57	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.065	J-QC/FMS	0.0147
1.30	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.273		0.0373
1.29	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.170		0.0574
1.27	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.180		0.0642
2.05	BJ-QC/FBK/FFBFLS	<2	K	0.123		0.0217
2.14	BJ-QC/FBK/FFBFLS	<2	K	0.113		0.0203
2.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0293	KJ-QC/FSL/FMS	0.0384
1.63	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.232	J-QC/FMS	0.0331
1.46	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.208	J-QC/FMS	0.0312
[redacted]						
1.51	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.190		0.0298
1.47	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.185		0.0314
1.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPOFLS	0.323	J-QC/FSL	0.0232
2.08	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.428	J-QC/FSL/FMS	0.0420
1.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.329	J-QC/FLD/RPOFMS	0.0552
0.63	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.397	J-QC/FSL/FMS	0.0656
1.69	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.429	J-QC/FSL/FMS	0.0667
1.87	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.230		0.0771
1.59	BJ-QCJ-HT/FBK/FFBEHT	5		0.288		0.0777
1.69	BJ-QC/FBK/FFBFLDRPO	<2	K	0.262	J-QC/FSL	0.0590
1.04	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.241	J-QC/FMS	0.0744
1.34	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.146	J-QC/FMS	0.0599
1.06	BJ-QC/FBK/FFBFLS	<2	K	<0.0378	K	0.0488
0.98	BJ-QC/FBK/FFBFLS	<2	K	<0.0378	K	0.0553
<0.30	KBJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.158	J-QC/FMS	0.0610
0.74	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.169		0.0528
0.63	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.143		0.0530
0.82	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.164		0.0481
0.74	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.301		0.0803
0.76	BJ-QC/FBK/FFBFLS	<2	K	0.285		0.0818
0.64	BJ-QC/FBK/FFBFLS	<2	K	0.269		0.0810
0.81	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.285		0.0561
0.42	BJ-QC/FBK/FFBFLS	<2	K	0.306		0.0630
0.61	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.343		0.0830
0.96	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.317		0.0827
0.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.116	J-QC/FSL	0.2002
0.58	BJ-QC/FBK/FFBFLS	<2	K	0.348		0.0968
0.66	BJ-QC/FBK/FFB	<2	K	0.332		0.0975
—	NA	<2	KJ-QC/FLS	0.543	J-QC/FFB/FMS	0.0695
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.211	J-QC/FMS	0.0558
—	NA	—	NA	—	NA	—
—	NA	<2	K	0.390		0.0882
—	NA	<2	K	0.374		0.0875
[redacted]						
—	NA	<2	K	0.302	J-QC/LLS/FMS	0.0409
—	NA	<2	KJ-QC/FMS	0.297	J/LLS	0.0251
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.702		0.0386
—	NA	<2	K	0.673	J-QC/FMS	0.0313

—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.352	J-QC/LLS/FFDRPO	0.0549
1.69	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.460	J-QC/FMS	0.0809
1.65	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.426	J-QC/FMS	0.0822
1.82	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.426	J-QC/FSL	0.0671
1.84	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.454	J-QC/FSL	0.0657
1.80	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.551	J-QC/FMS	0.0697
1.59	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.380	J/LLS	0.0691
1.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.346	J/LLS	0.0712
1.64	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.068	I-QC/LLS/FFDRPOFMS	0.0191
1.59	BJ-QC/FBK/FFBFLS	<2	K	0.250	J/LLS	0.0536
1.55	BJ-QC/FBK/FFBFLS	<2	K	0.233	J/LLS	0.0605
1.17	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	KJ-QC/FSL	0.0409
2.04	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.181	J-RJ-QC/LLS/FSL	0.0428
0.81	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.115	J-R/LLS	0.0580
1.20	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0574
1.70	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0575
1.18	BJ-QC/FBK/FFBFLS	3		<0.0911	K	0.0525
1.55	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	0.169	J-R/LLS	0.0470
1.39	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.271	J/LLS	0.0547
0.70	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.235	J/LLS	0.0548
0.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0586
0.52	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.307	J/LLS	0.0621
0.59	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.338	J/LLS	0.0642
1.12	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.344	J/LLS	0.0631
1.10	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.325	J/LLS	0.0613
1.14	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.115	J-RJ-QC/LLS/FMS	0.0600
0.88	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.544		0.0927
1.00	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.528		0.0925
1.09	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.185	J/LLS	0.0613
[redacted]						
1.89	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.236	J/LLS	0.0370
1.73	BJ-QC/FBK/FFBFMS	<2	K	0.188	J/LLS	0.0169
1.67	BJ-QC/FBK/FFB	<2	K	0.188	J-QC/LLS/FFB	0.0170
1.52	BJ-QC/FBK/FFBFMS	<2	K	0.193	J-QC/LLS/FFBFLDRPC	0.0223
1.89	BJ-QC/FBK/FFB	<2	K	0.375	J-QC/LLS/FFB	0.0292
1.70	BJ-QC/FBK/FFB	<2	K	0.375	J-QC/LLS/FFB	0.0305
0.87	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.466		0.0851
1.14	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.358	J-QC/LLS	0.0754
1.68	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.318	J-QC/LLS/FFDRPO	0.0540
1.02	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FSL	0.0233
0.84	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FSL	0.0235
1.66	BJ-QC/FBK/FFB	<2	KJ-QC	0.156	J/LLS	0.0376
1.32	BJ-QC/FBK/FFB	<2	KJ-QC	0.396	J-QC/LLS/FFB	0.0588
1.15	BJ-QC/FBK/FFB	<2	KJ-QC	0.424	J-QC/FFB	0.0607
1.76	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.301	J/LLS	0.0306
0.67	BJ-QC/FBK/FFBFMS	<2	K	0.078	J-QC/LLS/FSL	0.0380
1.53	BJ-QCJ-HT/FBK/FFBFMS	3		0.156	J-QC/LLS/FMS	0.0343
1.69	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FMS	0.0437
0.55	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT/FLS	<0.0267	KJ-QC/FSL	0.0419

1.63	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.039	J-R/LLS	0.0434
1.72	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.072	J/LLS	0.0444
1.51	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0530
0.41	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.084	J/LLS	0.0594
0.69	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.134	J/LLS	0.0619
5.95	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.164	J/LLS	0.0773
0.77	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.040	J-R/LLS	0.0866
0.93	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.215	J-QC/LLS/FSL	0.0863
0.96	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.158	J-QC/LLS/FSL	0.0912
0.51	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.272	J/LLS	0.0661
1.58	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.143	J/LLS	0.0560

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	1.02	1.410	0.17	0.74
	0.95	0.088	0.04	1.8
[redacted]				
	1.48	0.168	0.15	14.4
	0.95	0.138	0.15	5.8
	0.47	0.142	0.14	15.6
	1.69	0.249	0.25	6.3
	1.74	0.246	0.22	7.9
	1.71	0.224	0.19	7.2
	1.09	0.234	0.25	2.8
	1.10	0.273	0.27	3.6
	0.88	0.254	0.25	5.2
	0.54	0.305	0.34	10.5
	1.22	0.292	0.29	2.31
	1.00	0.240	0.28	3.57
	0.94	0.285	0.29	4.89
	1.29	0.289	0.29	2.22
	1.66	—	0.27	3.26
	1.21	0.232	0.23	3.97
	1.21	0.240	0.25	5.3
	1.04	0.253	0.32	4.29
	0.79	0.169	0.23	4.7
	1.06	0.219	0.25	2.23
	0.86	0.193	0.21	2.44
	1.39	0.214	0.23	1.22
	2.24	0.303	0.29	1.83
	1.88	0.283	0.21	1.5
	0.86	0.201	0.18	1.63
[redacted]				
	1.12	0.105	0.12	1.89
	1.81	0.183	0.16	8.40
	1.38	0.130	0.12	16.87
	0.75	0.121	0.16	14.46
	0.97	0.226	0.21	11.45
	1.26	0.175	0.17	6.74
	1.36	0.179	0.20	5.82
	1.00	0.212	0.20	—
	1.95	0.284	0.31	—
	1.47	0.233	0.24	—
	1.47	0.255	0.26	—
	0.87	0.258	0.24	—
	0.79	0.307	0.30	—
	1.03	0.337	—	—
	1.20	0.424	0.32	—
	0.82	0.423	0.43	—
	1.11	0.440	0.41	—

0.79	0.381	0.36	—
0.94	0.343	0.31	—
0.98	0.227	0.29	—
1.07	0.343	0.35	—
1.02	0.293	0.26	—
1.42	0.305	0.28	—
1.05	0.600	0.32	—
0.97	0.181	0.21	—
1.03	0.187	0.23	—
1.21	0.130	0.12	—
1.36	0.17	0.14	—
1.12	0.11	0.32	—
1.35	0.131	0.16	—
0.86	0.142	0.19	—
0.99	0.131	0.17	—
1.81	0.214	0.19	—
0.90	0.161	0.16	—
1.20	0.215	0.32	—
1.03	0.163	0.19	—
1.25	0.173	—	—
0.86	0.210	—	—
0.82	0.243	0.21	—
1.36	0.260	0.18	—
0.98	0.272	—	—
0.88	0.283	0.27	—
0.87	0.253	0.23	—
0.54	0.267	0.25	—
1.43	0.275	0.28	—
0.97	0.238	0.26	—
1.03	0.245	0.21	—
0.57	0.210	0.23	—
0.94	0.123	0.18	—
1.44	0.263	0.29	—
0.60	0.100	0.20	—
2.68	0.072	0.17	—
0.59	0.143	0.10	—
1.48	0.147	0.06	0.5
0.901	0.084	0.15	1.3
1.47	0.122	0.17	2.7
1.09	0.120	0.12	3.0
1.05	0.146	0.13	4.2
1.14	0.125	0.10	85.4
0.656	0.100	0.08	89.4
1.04	0.180	0.13	9.8
0.637	0.279	0.24	3.9
1.65	0.249	0.22	5.5
1.12	—	0.28	6.0

	1.24		0.22		0.22	6.4
	1.76		0.31		0.20	7.7
	—		0.33		0.20	—
	1.23		0.37		0.28	9.0
	1.23		0.26		0.22	<3.0
	1.31		0.31		0.22	<3.0
	0.299		0.23		0.16	<3.0
	1.24		0.16		0.11	1.4
	1.23		0.19		0.14	3.0
	0.552		0.09		0.07	3.5
	1.21		0.15		0.11	5.0
	1.47		0.19		0.21	5.4
	1.14		0.26		0.15	3.5
	1.32		0.23		0.19	10.7
	1.63		0.20		0.22	8.5
	0.976		0.03		0.20	4.4
	1.11		0.27		0.27	5.3
	0.794		0.33		0.31	6.1
	1.80		0.25		0.26	21.6
	0.552		0.24		0.25	8.5
	1.09		0.26		0.24	6.1
	1.05		0.27		0.24	5.2
	1.46		0.23		0.22	<2.4
J-QC/FFD/RPO	1.37		0.13	J-QC/FFD/RPO	0.13	18.6
	1.87	J-QC/FLS	0.18	J-QC/FFD/RPO	0.16	6.6
	0.951		0.18		0.17	3.2
	1.49		0.23	J-QC/FFB	0.19	J-QC/FFB/FFDRPO 6.4
J-QC/FFB	1.31		0.26		0.25	J-QC/FFD/RPO 17.6
	1.89	J-QC/FFB	0.19		0.21	J-QC/FFD/RPO 0.8
J-QC/FFB	1.54		0.21		0.16	2.1
	0.665		0.21		0.20	1.6
	0.993	J-QC/FFB	0.18	J-QC/FFD/RPO	0.19	10.8
	0.950	J-QC/FFB	0.11	J-QC/FFD/RPO	0.18	11.2
	0.556		0.20		0.18	3.0
	1.05		0.31	J-QC/FFB	0.22	3.5
	0.970	J-QC/FFB	0.25		0.21	5.0
J-QC/FFB	1.07		0.24	J-QC/FFD/RPO	0.23	2.1
	0.492		0.24	J-QC/FFB	0.33	2.2
	1.03		0.23		0.24	7.9
	0.814		0.23		0.22	2.7
	1.08		0.20	J-QC/FFD/RPO	0.10	—
	1.77		0.23		0.21	2.4
J-QC/FFB	1.13		0.17		0.16	1.6
J-QC/FFB	1.13		0.18		0.17	1.6
J-QC/FFB	0.659		0.10		0.06	1.9
J-QC/FFB	0.683		0.08		0.07	1.0
	0.923	J-QC/FFD/RPO	0.14		0.11	1.1

	1.05		0.16	J-QC/FLD/RPO	0.13		4.8
	1.13		0.18		0.17		4.4
J-QC/FFB	0.952		0.16		0.15		2.3
	0.948		0.18		0.17	J-QC/FFD/RPO	10.1
J-QC/FFB	1.16		0.21		0.19	J-QC/FLS	11.0
	1.27		0.28	J-QC/FFB	0.24		10.9
	0.684		0.22	J-QC/FFB	0.19		5.9
	0.650		0.23	J-QC/FFB	0.19		7.6
J-QC/FFB	0.495		0.30	J-QC/FFB	0.30		6.9
J-QC/FFB	0.985		0.32		0.29		1.5
	0.831		0.31		0.31		17.0
	0.733		0.29		0.30		17.5
	0.352		0.24		0.21		4.8
	1.20	J-QC/FFD/RPO	0.34		0.32		10.5
	1.09	J-QC/FFD/RPO	0.28		0.26		5.3
	0.334	J-QC/FFB	0.19		0.17		5.3
	0.973		0.26		0.21		5.0
	0.658		0.25		0.22		4.4
	1.30		0.26		0.26		8.8
	2.24		0.32		0.30		4.3
	2.43		0.31		0.29		5.5
	0.868		0.19	J-QC/FFD/RPO	0.18	J-QC/FFD/RPO	8.7
[redacted]							
	1.6700	J-QC/FFD/RPO	0.21		0.15	J-QC/FFD/RPO	2.0
J-QC/FFB	1.4400	J-QC/FFB	0.13	J-QC/FFB	0.09		11.7
	0.7638		0.21		0.21	J-QC/FLS	7.1
	0.6774		0.21		0.16	J-QC/FLS	9.3
	1.0978	J-QC/FLS	0.12		0.10		8.8
	1.0971	J-QC/FLS	0.12		0.10		9.5
	0.6446		0.16		0.12	J-QC/FFB	8.8
	0.6263		0.13		0.13	J-QC/FFB	7.9
	1.0759		0.19		0.10		15.8
J-QC/FFB/FFDRPO	0.8961		0.16		0.14		2.5
J-QC/FFB/FFDRPO	0.9032		0.16		0.14		2.6
	1.0359		0.19		0.16		2.7
	0.9828		0.19		0.16		2.7
	0.5996	J-QC/FFB	0.15	J-QC/FLS	0.15		4.06
	1.0483	J-QC/FLS	0.22	J-QC/FFD/RPO	0.20		<0.913
	0.7934		0.13		0.14		2.9
	0.8189		0.14		0.14		3.2
	1.3929		0.26		0.19		4.9
J-QC/FFB	1.3079	J-QC/FFB	0.30		0.28		10.5
J-QC/FFB	1.2799	J-QC/FFB	0.29		0.26		10.4
	0.4120		0.20		0.18	J-QC/FLS	13.6
	1.3843	J-QC/FFB	0.27		0.26		14.9
	1.4588	J-QC/FFB	0.24		0.23		14.7
	0.8661		0.23		0.23	J-QC/FFB	4.3
	0.8181		0.22		0.21	J-QC/FFB	3.9
	0.4112		0.18	J-QC/FLS	0.17		2.2
	0.4959		0.17	J-QC/FFB/FLDRPOFLS	0.15	J-QC/FFB	2.39

	0.5644		0.15	J-QC/FFB/FLDRPOFLS	0.15	J-QC/FFB	2.47
J-QC/FFB	0.7819		0.15		0.13		11.2
J-QC/FFB	0.9598		0.09		0.12		2.24
J-QC/FFB	0.8999		0.10		0.11		2.62
J-QC/FFB	1.1025		0.19	J-QC/FLD/RPOFLS	0.15		1.57
J-QC/FFB	1.1145		0.15	J-QC/FLD/RPOFLS	0.12		1.28
J-QC/FFB	1.1612		0.16		0.12	J-QC/FFB	1.09
J-QC/FFB	1.3002		0.10		0.11		0.987
J-QC/FFB	1.3079		0.10		0.11		1.00
[redacted]							
J-QC/FFB	1.6674	J-QC/FLS	0.11		0.10		2.87
J-QC/FFB	1.4232	J-QC/FLS	0.11		0.10		2.25
J-QC/FFB	1.7089	J-QC/FFB	0.12		0.11		27.3
J-QC/FFB	1.2639		0.11		0.09		7.80
J-QC/FFB	1.1706		0.15		0.13		8.30
J-QC/FFB	0.6989		0.14		0.10		1.90
J-QC/FFB	0.6440		0.13		0.09		1.34
J-QC/FFB	1.4950		0.20		0.18		8.04
J-QC/FFB	1.0270		0.17		0.17		3.05
J-QC/FFB	1.2641		0.10		0.08		1.91
J-QC/FFB	0.7929		0.17		0.15		3.37
J-QC/FFB	1.0049	J-QC/FLS	0.21		0.17		8.54
	1.0215		0.16		0.17	J-QC/FFB	13.1
	0.9310		0.17		0.15	J-QC/FFB	11.1
	1.0109	J-QC/FLS	0.20		0.20		6.30
	0.7128		0.20		0.18		5.85
	0.6047		0.18		0.18		6.25
	0.7043		0.17	J-QC/FFD/RPO	0.18	J-QC/FFB	10.3
	1.3409	J-QC/FLS	0.24		0.26		1.31
	0.9704	J-QC/FLS	0.22		0.20		3.17
	1.0818	J-QC/FLS	0.20		0.20		2.75
	1.3549	J-QC/FFD/RPO	0.26		0.23		5.84
	0.6560	J-QCJ-HT/FFB/EHT	0.20		0.20		1.89
	1.1360		0.24		0.21		5.11
	1.0945		0.21		0.20		4.42
	1.0961		0.25	J-QC/FLS	0.22	J-QC/FFB	6.22
	0.8277	J-HT/EHT	0.17		0.17		0.868
	0.6976	J-HT/EHT	0.16		0.18		0.775
J-QC/FFB	0.9619		0.14	J-QC/FFD/RPO	0.12	J-QC/FFD/RPO	0.93
J-QC/FFB	1.1312		0.21		0.20	J-QC/FLS	0.96
NA	—	NA	—	NA	—	NA	—
J-QC/FFB	0.7735		0.20		0.14		2.07
J-QC/FFB	0.7386		0.18		0.14		1.00
[redacted]							
J-QC/FFB	0.8639		0.16	J-QC	0.13	J-QC	1.20
J-QC/FFB	1.0023	J-QC/FLS	0.13	[redacted]	0.12	J-QC	0.645
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
[redacted]	1.0039	J-QC/FFB	0.15	J-QC	0.12	J-QC	1.85
J-QC/FFB	0.6407		0.17	J-QC/FFD/RPO	0.10	[redacted]	3.79

NA	—	NA	—	NA	—	NA	—
[redacted]	1.7070	J-QC/FFB	0.21	[redacted]	0.17	J-QC	4.61
J-QC/FFB	1.456	J-QC/FFB	0.18		0.16	[redacted]	1.56
J-QC/FFB	1.4525	J-QC/FFB	0.18		0.16		1.11
J-QC/FFB	1.4444		0.22	J-QC/FLD/RPO	0.18		2.41
J-QC/FFB	1.3796		0.24	J-QC/FLD/RPO	0.20		1.99
J-QC/FFB	0.7446		0.22	[redacted]	0.20	J-QCJ-HT/FFB/EHT	1.66
[redacted]	0.7458	J-HT/EHT	0.19	J-QC/FMS	0.17	[redacted]	0.760
	0.6311	J-HT/EHT	0.19	J-QC/FMS	0.18		1.42
J-QC/FFB	0.5568		0.14	J-QC/FLD/RPO	0.14		2.50
J-QC/FFB	0.7851		0.19	J-QC/FLD/RPO	0.15	J-QC/FLD/RPO	<0.231
J-QC/FFB	0.7235		0.19	J-QC/FLD/RPO	0.16	J-QC/FLD/RPO	<0.231
[redacted]	1.2041		0.28	J-QC/FFB	0.25	[redacted]	3.13
	1.0605		0.26	J-QC/FMS	0.21		2.72
J-QC/FFB	1.3127		0.22	[redacted]	0.22		6.18
J-QC/FFB	0.8143		0.21	J-QC/FLD/RPOFMS	0.19		5.74
J-QC/FFB	0.8529		0.19	J-QC/FLD/RPOFMS	0.21		4.51
[redacted]	0.3783		0.14	J-QC/FFB	0.19		1.35
	1.1889	J-HT/EHT	0.22	[redacted]	0.22		2.10
J-QC/FFB	1.2520		0.18	J-QC	0.19	J-QC	3.09
J-QC/FFB	0.9873		0.19	J-QC	0.18	J-QC	3.96
J-QCJ-HT/FFB/EHT	1.0389	J-QC/FLS	0.20	[redacted]	0.22	[redacted]	2.19
J-QC/FFB	0.4513		0.19		0.15		1.91
J-QC/FFB	0.4854		0.18		0.15		2.26
J-QC/FFB	1.2949	J-QCJ-HT/FLS/EHT	0.17		0.21	J-QC/FFB	3.53
J-QC/FFB	1.3225	J-QCJ-HT/FLS/EHT	0.16		0.17	J-QC/FFB	3.05
J-QC/FFB	0.9462		0.18	J-QC/FLD/RPOFMS	0.18	J-QC/FFB	1.74
J-QC/FFB	1.2895		0.22	J-QC	0.20	J-QC	1.02
J-QC/FFB	1.3064		0.18	J-QC	0.16	J-QC	1.15
[redacted]	0.9295		0.20	[redacted]	0.16	J-QC/FFD/RPO	1.45
[redacted]							
	0.6951	J-HT	0.11		0.10		2.93
J-QC/FFB	0.8240		0.11	J-QC/FFB	0.09	J-QC/FFB	1.75
J-QC/FFB	0.4587		0.13	J-QC/FFB	0.09		1.83
J-QC/FFB	0.8152		0.20		0.15		4.19
	0.8280	J-QCJ-HT/FLS	0.14		0.11		1.95
	0.8031	J-QCJ-HT/FLS	0.14		0.12		2.13
J-QC/FFB	0.5983	J-QC/FFD/RPOFLS	0.16		0.16		3.95
	0.8509		0.19		0.17	J-QC/FFB	2.40
	0.9257		0.18		0.17		16.0
J-QC/FFB	0.5981	J-QC	0.17		0.16		4.45
J-QC/FFB	0.5825	J-QC	0.17		0.13		3.09
J-HT/EHT	1.1114		0.22		0.19		7.85
J-QC/FFB	0.6987	J-HT	0.21		0.19		4.66
J-QC/FFB	0.6040	J-HT	0.27		0.19		4.08
J-QC/FFB	0.8912	J-HT	0.24		0.22		2.84
	0.6424		0.21		0.19		4.47
J-QC/FFB	0.8933	J-QC/FLS	0.22		0.20		4.86
J-QC/FFB	0.8971	J-QC/FLS	0.22		0.20		4.91
	0.4168		0.15		0.14		7.56

J-QC/FFB	0.7780	J-HT	0.27	J-QC/FFB	0.21		8.67
J-QC/FFB	0.9004	J-HT	0.26	J-QC/FFB	0.20		9.03
J-QC/FFB	1.0019		0.25		0.27		17.4
J-QC/FFB	0.5341		0.20	J-QC	0.18	J-QC	11.1
J-QC/FFB	0.5251		0.18	J-QC	0.18	J-QC	11.7
	0.6474		0.22	J-QC/FFB	0.20		7.48
J-QC/FFB	0.6814	J-HT	0.22	J-QC/FFB	0.20		8.62
J-QC/FFB	0.7060		0.22		0.20		1.29
J-QC/FFB	0.7569		0.21		0.19		1.32
J-QC/FFB	0.7543		0.21	J-QC	0.18	J-QC	1.52
	1.3355	J-QC/FSL	0.27	J-QC	0.22	J-QC	1.52

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	5.7	0.00	0.00
	6.7	0.00	0.11
[redacted]			
	8.2	0.45	0.45
	7.9	0.00	0.00
	21.0	0.00	0.05
	4.3	0.00	0.00
	5.0	0.29	0.47
	4.6	0.00	0.00
	1.1	0.00	0.31
	1.5	0.00	0.00
	3.6	0.00	0.00
	11.0	0.00	0.57
	7.6	0.00	0.00
	13.9	0.09	0.94
	5.8	0.00	0.02
	3.2	0.39	0.39
	11.4	0.00	0.00
	18.5	0.00	0.00
	5.5	0.00	0.10
	12.2	0.00	0.00
	7.2	0.00	0.00
	2.7	0.53	2.80
	<0.5	0.04	0.04
	8.3	0.00	0.00
	7.0	0.00	0.00
	5.8	0.01	0.04
	6.7	0.03	0.44
[redacted]			
	2.3	0.01	0.01
	1.7	0.00	0.10
	<0.5	0.01	0.14
	1.5	0.00	0.00
	1.3	0.00	0.09
	1.1	0.00	0.00
	1.0	0.00	0.00
	<0.5	0.05	0.05
	1.5	0.00	0.00
	<0.5	0.00	0.00
	1.0	0.00	0.00
	<0.5	0.66	0.66
	3.4	0.95	1.78
	—	0.00	0.04
	4.3	0.00	0.00
	17.6	0.00	0.00
	4.7	0.00	0.08

3.9	0.00	0.00	[redacted]
3.8	0.00	0.00	
3.1	0.00	0.00	
2.9	0.01	0.01	
2.2	0.00	0.00	
3.1	0.00	0.12	
14.8	0.00	0.00	
5.3	0.00	0.03	
5.7	0.00	0.00	
7.1	0.00	0.00	
[redacted]			
6.4	0.04	0.04	
10.8	0.00	0.00	
5.9	0.00	0.00	
4.4	0.00	0.00	
4.6	0.00	0.03	
3.6	0.00	0.00	
4.6	0.00	0.00	
5.1	0.00	0.00	
10.5	0.00	0.00	
—	0.22	0.22	
—	0.54	0.93	
2.6	0.00	0.00	
6.2	0.00	0.00	
—	0.00	0.00	
5.7	0.00	0.00	
7.4	0.00	0.00	
6.1	0.00	0.00	
6.7	0.00	0.00	
1.0	0.00	0.27	
5.4	0.02	0.37	
4.8	0.00	0.00	
3.7	0.00	0.00	
4.4	0.02	0.03	
4.4	0.00	0.00	
4.2	0.65	0.65	
3.1	0.00	0.00	
[redacted]			
2.9	0.00	0.00	
1.6	0.00	0.00	
3.1	0.24	0.26	
<0.5	0.00	0.06	
2.1	0.00	0.00	
2.2	0.01	0.18	
3.1	0.32	0.74	
2.3	0.00	0.00	
2.8	0.00	0.00	
3.4	0.00	0.00	
1.7	0.00	0.00	

	7.2		0.00	0.00
	6.5		0.00	0.00
	6.0		0.00	0.00
	5.6		0.00	0.00
	6.1		0.00	0.00
	6.3		0.00	0.01
	4.1		0.00	0.01
[redacted]				
J-R	3.6		0.01	0.01
	2.9		0.02	0.10
	4.1		0.00	0.00
	4.0		0.00	0.00
	10.6		0.00	0.00
J-R	9.9		0.05	0.71
	6.2		0.00	0.00
	5.9		0.09	0.09
J-R	5.4		0.00	0.14
	5.3		0.00	0.00
	4.3		0.26	0.26
	—		0.00	0.00
	3.3		0.00	0.00
	5.4		0.00	0.00
	4.0		0.00	0.00
	3.8		0.00	0.00
[redacted]				
J-HT/EHT	4.3		0.00	0.05
	5.3	J-QC/FFD/RPO	0.00	0.00
J-R	5.8		0.00	0.00
	5.8	J-QC/FFD/RPO	0.63	0.97
	6.9	J-QC/FFB/FFDRPO	0.00	0.00
J-R	6.7		0.25	0.25
	12.2		0.00	0.01
J-R	5.9		0.00	0.43
	5.8		0.00	0.00
	5.6		0.00	0.00
	6.0		0.00	0.00
	5.4	J-QC/FFB	0.00	1.44
	6.5		0.00	0.00
	7.4	J-QC/FFB	0.00	0.41
	5.3		0.00	0.00
	5.7	J-QC/FFB	0.00	0.00
	5.9	J-QC/FFB	0.00	0.00
NAPQNS	4.5	J-QC/FFB	0.00	0.00
	4.1	BJ-QC/FBK/FFB	0.00	0.00
J-R	4.8	J-QC/FFB	0.00	0.00
J-R	4.6	J-QC/FFB	0.00	0.00
[redacted]				
J-RJ-QC/FFD/RPO	6.00	J-QC/FFB/FFDRPO	1.22	1.22
J-RJ-QC/FFD/RPO	1.00	J-QC/FFB/FFDRPO	1.22	1.22
J-R	5.70		0.00	0.00

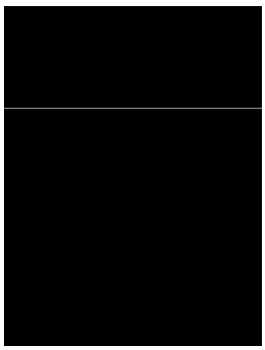
J-QC/FFD/RPO	5.99		0.00	0.03
	6.16		0.00	0.00
J-R	4.60	J-QC/FFB	0.00	0.00
	4.65	J-QC/FFB/FLDRPO	0.25	0.25
J-QC/FFD/RPO	4.13	J-QC/FFB	0.00	0.02
	4.84	J-QC/FFB	0.43	0.43
	4.50	J-QC/FFB	0.00	0.00
	4.50	J-QC/FFB	0.00	0.00
	4.10	J-QC/FFB/FFDRPO	1.69	2.78
J-RJ-QC/FFD/RPO	3.70		0.00	0.00
	3.40	J-QC/FFD/RPO	0.00	0.01
	2.40	J-QC/FFD/RPO	0.00	0.01
J-QC/FFD/RPO	4.30	BJ-QC/FBK/FFB	0.07	0.07
	4.70	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.00	BJ-QC/FBK/FFB	0.00	0.00
	3.50	J-QC/FFB	0.00	0.00
	4.00	J-QC/FFB	0.68	0.68
	3.80		0.00	0.09
	5.30		0.01	0.28
	6.50		0.00	0.15
	6.00		0.00	0.15
	6.60		0.00	0.00
[redacted]				
J-R	4.9		0.00	0.00
	5.1	J-QC/FFB	0.00	0.10
	4.9		0.00	0.17
	4.6		0.00	0.17
	3.5		0.00	0.64
	3.2		0.00	0.64
	5.2	BJ-QC/FBK/FFB	0.00	0.57
	5.3	BJ-QC/FBK/FFB	0.00	0.57
	18.4	BJ-QC/FBK/FFBFFDFLDRPOFSLOUT	0.00	0.00
	5.3	J-QC/FFB	0.00	0.03
	4.9	J-QC/FFB	0.00	0.03
	5.1		0.00	0.00
	4.9		0.00	0.00
	3.5		0.00	0.00
K	4.2	J-QC/FFD/RPO	0.00	0.49
	4.3	J-QC/FFB	0.00	0.00
	4.2	J-QC/FFB	0.00	0.00
	5.1	J-QC/FFB	0.00	0.00
	4.3	J-QC/FFB	0.00	0.39
	4.2	J-QC/FFB	0.00	0.39
J-QC/FFD/RPO	3.7	J-QC/FFB	0.00	0.28
	4.4	J-QC/FFB	0.00	1.32
	4.5	J-QC/FFB	0.00	1.32
	4.3	J-QC/FFB	0.22	0.23
	4.5	J-QC/FFB	0.22	0.23
	4.1	J-QC/FFB	0.00	0.00
	7.1	J-QC/FFB/FFDRPO	1.36	5.34

	1.6	J-QC/FFB/FFDRPO	1.36	5.34
J-QC/FFD/RPO	6.9	J-QC/FFB	0.04	0.04
	4.6	J-QC/FFB	0.00	0.00
	4.6	J-QC/FFB	0.00	0.00
J-R	4.5	J-QC/FFB	0.00	0.00
J-R	4.8	J-QC/FFB	0.00	0.00
J-R	3.8		0.00	0.00
J-R	4.2		0.00	0.00
J-R	3.7		0.00	0.00
[redacted]				
	3.4		0.00	0.00
	3.3		0.00	0.00
	3.8	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.8	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	2.5	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	2.7	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	2.2	J-QC/FFB	0.00	0.00
	3.6	BJ-QC/FBK/FFB	0.03	0.03
J-QC/FSL	3.3	J-QC/FFB	0.46	0.86
J-QC/FSL	1.3	J-QC/FFB	0.02	0.18
	2.9	J-QC/FFB	0.02	1.38
J-QC/FSL	4.1	J-QC/FFB	0.00	0.06
	3.1	B/FBK	0.00	0.00
	3.0	B/FBK	0.00	0.00
	3.0	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	3.1	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	3.0	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	4.8		0.00	0.00
	4.5		0.23	0.23
	3.3	J-QC/FFD/RPO	0.00	0.05
	1.9	J-QC/FFD/RPO	0.00	0.05
J-QC/FFD/RPO	4.1	J-QC/FFB/FFDRPO	0.00	0.00
	1.6	J-QC/FFB	0.00	0.00
	2.7	J-QC/FFB	0.00	0.12
	2.4	J-QC/FFB	0.00	0.12
	2.2		0.00	0.00
	3.6	J-QC/FFB	0.00	0.00
	3.7	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	6.5		0.00	0.00
	4.8		0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	3.4	J-QC/FFB	0.14	0.14
J-QC/FFD/RPO	3.3	J-QC/FFB	0.14	0.14
[redacted]				
J/LLS	4.13	BJ-QC/FBK/FFB	0.00	0.00
J-QC/LLS/FFDRPO	4.40	J-QC/FFB/FFDRPO	0.00	0.02
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
-QC/LLS/FFBFFDRP(	3.77	J-QC/FFB	0.68	0.68
	3.4	J-QC/FFD/RPO	0.00	0.00

NA	—	NA	0.00	0.01
J-QC/FFD/RPO	4.3	J-QC/FFD/RPO	0.00	0.00
J-QC/LLS/FFDRPO	4.2	J-QC/FLD/RPO	0.00	0.00
J/LLS	3.4	J-QC/FLD/RPO	0.00	0.00
	4.2	J-QC/FFB	0.53	0.53
J/LLS	4.5	J-QC/FFB	0.53	0.53
·QC/LLS/FFBfFFDRP	5.4	J-QC/FFB	0.00	0.00
J-QC/LLS/FFDRPO	4.4		0.18	0.18
J-QC/LLS/FFDRPO	4.6		0.18	0.18
J-QC/FFD/RPO	6.8	J-QC	0.00	0.14
K	4.5	J-QC	0.01	0.12
K	4.7	J-QC	0.01	0.12
J-QC/FFB/FFDRPO	8.9		0.00	0.00
	9.7	J-QC/FFB/FLDRPO	0.00	0.00
J-QC/FFB/FFDRPO	4.8	J-QC/FFB/FLDRPO	0.57	0.76
	4.5	J-QC/FFB	0.00	0.00
	4.2	J-QC/FFB	0.00	0.00
J-QC/LLS/FFB	4.6	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.9		0.00	0.00
	2.7	J-QC	0.01	0.04
	2.8	J-QC	0.01	0.04
	2.6		0.00	0.05
J-QC/LLS/FFB	3.5	J-QC/FFD/RPO	0.00	0.00
J-QC/FFB	2.0	J-QC/FFD/RPO	0.00	0.00
J-QC/FFB	—	A/LBF	0.00	0.00
J-QC/FFB	2.3		0.00	0.00
J-QC/LLS/FFB	3.31	BJ-QC/FBK/FFBFLDRPOFMS	0.00	0.00
J/LLS	4.45	J-QC	0.00	0.00
J/LLS	3.76	J-QC	0.00	0.00
J/LLS	4.83		0.00	0.00
[redacted]				
J-QC	2.4	J-QC/FMS	0.00	0.01
J/LLS	5.1		0.00	0.07
J/LLS	5.1		0.00	0.00
	5.8	BJ-QC/FBK/FFDRPO	0.00	0.00
J/LLS	5.7	B/FBK	0.00	0.00
	5.9	B/FBK	0.00	0.00
J-QC/FFD/RPO	7.0		0.99	0.99
	5.0	J-QC/FMS	0.04	0.03
J-QC/FFD/RPO	6.5		0.00	0.00
J-QC/FFD/RPO	2.6		0.00	0.00
J-QC/FFD/RPO	2.6		0.00	0.00
J-QC/FFD/RPO	3.8		0.00	0.00
	1.9		0.00	0.73
	1.7		0.00	0.73
	3.1	J-QC/FLD/RPO	0.00	0.00
	2.7		0.00	0.28
	3.0	J-QC/FFB	0.00	0.00
	3.2	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	1.7		0.00	0.00

	3.1		0.00	0.00
	3.8		0.00	0.00
	2.6		0.00	0.00
	1.5		0.00	0.03
	1.5		0.00	0.03
	2.8		0.73	0.73
	3.3	J-QC/FLD/RPO	0.00	0.00
J/LLS	2.2	J-QC/FFD/RPO	0.00	0.00
J LLS	3.3	J-QC/FFD/RPO	0.00	0.00
J/LLS	5.3		0.00	0.47
J-QC/LLS/FFDRPO	4.8	J-QC/FMS	0.10	0.10

[redacted]



Station #12 Lower Kearny Point	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 10, 2003	12:30	6.20	5.8	10.52
December 16, 2003	01:25	6.70	5.6	6.27
2004				
March 31, 2004	12:05	7.73	8.1	9.31
April 6, 2004	11:25	7.30	6.8	9.82
April 22, 2004	11:00	6.59	11.8	7.07
May 18, 2004	12:20	7.08	17.8	6.07
May 27, 2004	12:25	7.23	20.3	5.41
June 16, 2004	11:55	7.18	24.5	5.40
June 23, 2004	11:45	7.49	20.2	7.98
July 1, 2004	12:12	7.31	21.5	—
July 7, 2004	11:38	7.42	—	—
July 14, 2004	11:42	7.35	23.0	4.00
July 21, 2004	09:20	7.48	24.9	—
July 28, 2004	12:15	7.24	—	4.29
August 4, 2004	12:07	7.23	25.14	4.14
August 11, 2004	11:30	7.93	23.44	3.41
August 18, 2004	11:57	7.21	22.98	4.11
August 25, 2004	11:40	7.24	23.63	4.25
September 1, 2004	11:25	7.61	24.18	4.79
September 15, 2004	12:35	7.18	23.13	4.85
September 22, 2004	11:42	7.49	21.18	5.52
September 29, 2004	12:10	6.33	21.38	6.00
October 14, 2004	12:15	—	18.02	6.36
October 26, 2004	09:19	—	14.2	6.75
November 8, 2004	09:33	—	13.2	6.94
November 22, 2004	10:55	7.36	10.45	7.65
December 8, 2004	10:40	7.62	8.07	8.78
2005				
February 23, 2005	11:20	—	3.07	—
March 9, 2005	11:48	—	3.8	11.72
March 21, 2005	11:20	—	4.8	12.60
April 13, 2005	09:36	—	12.01	15.25
May 3, 2005	10:08	7.41	13.72	9.01
May 11, 2005	11:38	7.59	12.08	10.39
May 18, 2005	09:35	7.44	15.32	7.84
May 24, 2005	09:50	7.39	16.01	7.25
June 2, 2005	10:07	7.11	17.85	5.38
June 8, 2005	11:26	7.23	18.79	5.62
June 13, 2005	11:51	7.28	20.68	5.25
June 22, 2005	10:11	7.32	20.84	5.72
July 6, 2005	11:45	7.31	23.26	4.81
July 28, 2005	10:00	7.41	27.29	5.65
August 2, 2005	11:04	—	27.14	4.78
August 11, 2005	—	—	—	—
August 16, 2005	10:56	7.25	27.29	3.14

August 25, 2005	11:39	—	24.82	4.48
August 30, 2005	—	—	—	—
September 8, 2005	—	—	—	—
September 14, 2005	12:08	7.44	24.45	5.51
September 20, 2005	10:45	7.36	24.47	5.36
September 27, 2005	11:30	7.35	22.69	5.69
October 6, 2005	11:48	7.37	21.16	5.99
October 19, 2005	13:14	7.90	16.05	9.36
November 3, 2005	11:45	7.48	12.44	9.83
December 21, 2005	11:31	6.67	5.26	11.22
2006				
January 5, 2006	11:32	7.59	5.55	14.21
February 2, 2006	12:19	7.30	5.60	13.00
February 15, 2006	12:06	7.30	4.12	12.46
March 1, 2006	11:31	7.83	3.48	11.96
March 15, 2006	09:51	7.76	6.72	10.34
March 29, 2006	12:26	7.81	8.44	9.94
April 18, 2006	11:29	7.66	11.31	8.75
April 27, 2006	11:41	7.35	13.39	10.81
May 2, 2006	11:35	7.44	13.25	11.05
May 11, 2006	12:28	7.42	15.14	7.22
May 16, 2006	12:17	7.29	15.45	7.51
June 13, 2006	11:52	7.48	18.42	6.53
June 21, 2006	12:02	7.22	23.21	4.72
July 11, 2006	11:45	7.10	21.48	5.65
July 26, 2006	11:14	7.11	24.37	4.24
August 2, 2006	11:30	7.28	25.83	5.10
August 9, 2006	11:01	7.58	24.36	5.35
August 17, 2006	11:17	7.22	24.56	4.40
August 31, 2006	12:23	7.21	22.92	3.93
September 6, 2006	11:02	7.25	21.21	4.98
September 20, 2006	11:54	7.33	21.60	4.52
September 27, 2006	12:24	7.38	20.30	5.69
October 19, 2006	12:26	7.35	16.39	6.76
November 1, 2006	11:56	7.43	12.23	8.79
November 16, 2006	12:20	7.85	13.35	8.89
November 29, 2006	11:47	7.48	10.85	8.01
2007				
January 10, 2007	12:22	7.90	7.73	9.67
January 24, 2007	11:45	7.25	4.97	9.15
February 22, 2007	11:40	7.58	1.62	13.27
March 8, 2007	10:07	8.86	2.50	10.93
March 21, 2007	12:45	7.65	4.04	10.60
April 3, 2007	12:41	7.80	7.20	11.71
May 2, 2007	12:29	7.50	13.88	9.58
May 15, 2007	10:50	7.38	16.49	8.14
Boat engine failure - 5/18/07				
August 29, 2007	11:29	7.43	23.15	6.01
September 6, 2007	11:44	7.36	23.65	4.71
September 13, 2007	11:43	7.32	23.43	6.07

September 26, 2007	12:02	7.43		21.91	8.11
October 3, 2007	11:55	7.35		21.35	5.13
October 17, 2007	11:07	7.29		19.29	5.30
October 31, 2007	11:42	7.30		16.05	6.31
November 28, 2007	11:53	—		9.28	9.07
December 12, 2007	11:58	—		6.66	8.18
2008					
January 9, 2008	11:26	—		5.22	11.44
February 5, 2008	11:58	7.46		4.25	10.38
March 12, 2008	12:24	7.63		5.22	11.42
May 7, 2008	11:38	7.66		14.00	7.83
May 14, 2008	11:07	7.30		14.12	7.13
May 21, 2008	12:00	8.16		14.16	7.16
June 12, 2008	13:12	7.32		23.52	5.29
June 18, 2008	11:47	7.43		21.07	5.69
June 25, 2008	12:08	7.62		22.03	5.83
July 16, 2008	11:22	7.54		23.78	5.41
August 14, 2008	11:57	7.75		23.57	4.76
August 20, 2008	11:33	7.56		23.17	5.04
September 3, 2008	11:42	7.49		23.54	5.42
September 11, 2008	11:08	7.19		23.90	4.47
September 17, 2008	11:21	7.38		22.09	3.49
October 8, 2008	11:23	—		18.68	3.60
2009					
February 4, 2009	12:11	7.24		1.97	7.74
March 5, 2009	12:40	7.12		2.61	10.26
April 27, 2009	12:02	7.26		11.15	—
May 6, 2009	12:25	7.31		13.20	—
May 21, 2009	12:03	7.60		17.62	—
June 2, 2009	11:38	7.25		18.63	—
June 17, 2009	12:56	7.30		19.23	5.15
June 25, 2009	11:35	7.33		20.06	5.35
July 9, 2009	11:38	7.43		20.98	5.63
July 16, 2009	12:05	—	NAPEFAI/EQF	21.79	5.69
July 22, 2009	12:50	—	NAPEFAI/EQF	23.26	4.93
August 5, 2009	11:28	—	NAPEFAI/EQF	24.28	3.99
August 11, 2009	11:44	—	NAPEFAI/EQF	23.63	4.54
August 20, 2009	11:16	—	NAPEFAI/EQF	25.15	—
August 26, 2009	11:28	—	NAPEFAI/EQF	25.86	—
September 3, 2009	11:18	—	NAPEFAI/EQF	23.03	—
September 23, 2009	12:34	—	NAPEFAI/EQF	20.86	—
October 14, 2009	12:29	—	NAPEFAI/EQF	15.82	—
December 7, 2009	11:56	7.68		9.43	10.30
2010					
March 22, 2010	11:40	7.46		8.35	16.05
April 14, 2010	11:30	7.52		12.88	10.37
May 5, 2010	12:19	7.40		20.56	7.95
May 11, 2010	12:00	7.45		14.42	9.17
May 17, 2010	11:43	7.49		13.12	9.07
May 27, 2010	11:42	7.27		18.51	8.39

June 7, 2010	12:06	7.52		22.10	8.25
June 22, 2010	11:57	7.28		23.91	8.27
June 30, 2010	11:15	7.69		23.62	6.69
July 14, 2010	12:10	7.25		25.40	6.76
July 21, 2010	11:30	7.17		27.38	4.39
August 5, 2010	11:15	7.40		25.38	4.34
August 12, 2010	11:27	7.36		24.88	4.33
August 18, 2010	11:47	7.17		25.15	3.76
September 1, 2010	11:30	7.35		24.90	4.93
September 9, 2010	11:42	7.71		23.00	6.12
September 16, 2010	11:41	7.41		20.64	6.67
September 23, 2010	10:45	7.45		20.75	7.25
October 5, 2010	12:20	7.27		17.51	7.80
November 18, 2010	11:22	7.57		10.34	10.05
December 9, 2010	12:05	7.43		5.95	10.58
2011					
January 4, 2011	12:30	7.44		2.46	11.60
February 9, 2011	12:00	7.42		1.82	18.26
March 8, 2011	11:38	7.06		5.35	13.24
April 14, 2011	12:04	6.93		10.20	11.78
May 5, 2011	12:03	6.75		14.67	7.77
May 12, 2011	12:06	—	NAPEFAI/EQF	14.92	8.47
May 24, 2011	12:00	7.25		17.70	7.67
June 1, 2011	12:10	7.34		21.31	10.02
June 8, 2011	12:05	7.50		20.00	6.78
June 15, 2011	11:50	7.23		20.62	5.39
June 27, 2011	11:40	7.18		22.42	5.12
July 11, 2011	12:08	7.01		25.52	4.90
July 26, 2011	11:55	7.00		25.91	4.03
August 2, 2011	11:47	7.41		25.07	4.86
August 10, 2011	12:42	7.13		26.34	4.31
August 16, 2011	12:00	7.14		24.38	4.56
August 23, 2011	11:45	7.29		24.55	4.67
September 7, 2011	12:40	7.58		19.27	8.97
September 20, 2011	11:51	7.32		19.74	5.65
September 27, 2011	11:44	7.27		20.68	5.01
October 24, 2011	12:01	7.50		15.88	64.5
November 1, 2011	11:57	7.50		11.59	9.56
December 19, 2011	12:24	7.62		7.57	10.32
2012					
January 10, 2012	11:25	7.65		6.84	10.97
February 7, 2012	12:26	7.67		5.70	11.55
March 6, 2012	09:50	7.66		6.03	13.76
April 17, 2012	09:50	7.72		13.32	7.96
May 7, 2012	11:15	6.74		14.31	18.51
May 14, 2012	09:40	7.38		17.49	7.03
May 24, 2012	10:22	7.38		18.83	6.57
May 30, 2012	10:02	7.45		21.78	5.60
June 5, 2012	09:35	7.04		19.91	6.41
June 11, 2012	09:30	—	NAPEFAI/EQF	21.15	6.04

June 19, 2012	11:30	—	NAPEFAI/EQF	21.93	3.78
July 2, 2012	09:35	—	NAPEFAI/EQF	23.20	4.86
July 10, 2012	11:47	7.64		25.37	5.86
July 17, 2012	09:35	7.58		24.80	5.49
August 1, 2012	11:34	7.26		25.49	4.21
August 7, 2012	11:52	5.02		26.15	4.97
August 14, 2012	11:37	7.40		26.53	4.63
August 21, 2012	11:46	7.43		24.04	4.81
August 29, 2012	11:52	7.38		24.83	5.77
September 13, 2012	09:30	7.46		23.92	4.92
October 17, 2012	11:17	7.38		16.31	6.61
November 19, 2012	10:26	7.51		9.29	8.75
November 20, 2012	08:12	7.29		9.06	8.08
November 21, 2012	08:31	7.34		9.12	8.30
December 6, 2012	11:11	7.64		7.71	9.55
2013					
January 9, 2013	08:17	7.59		5.24	10.98
February 5, 2013	10:31	7.62		1.99	13.18
February 28, 2013	09:00	7.73		4.37	11.93
March 11, 2013	10:30	7.76		4.40	12.13
April 4, 2013	08:20	7.75		6.80	10.74
April 23, 2013	10:30	7.62		11.38	8.58
May 6, 2013	12:15	7.73		15.59	7.52
May 14, 2013	11:23	7.35		14.72	7.25
May 22, 2013	11:23	7.62		17.31	6.42
May 30, 2013	11:42	7.52		17.37	6.73
June 5, 2013	11:26	7.43		21.49	5.25
June 18, 2013	11:51	7.53		20.12	7.25
June 25, 2013	11:48	7.50		20.19	6.23
July 9, 2013	12:23	7.59		24.80	4.99
July 16, 2013	12:10	7.72		25.59	4.92
July 23, 2013	12:15	7.65		25.83	4.62
July 31, 2013	12:10	7.62		24.15	4.74
August 6, 2013	09:33	7.76		22.70	5.51
August 20, 2013	12:25	7.84		22.62	4.42
August 27, 2013	12:18	7.69		23.26	5.36
September 4, 2013	10:02	7.70		23.21	4.94
September 9, 2013	12:05	8.10		21.59	5.38
September 25, 2013	11:33	7.60		18.74	6.58
October 1, 2013	09:50	7.96		18.72	7.07
November 21, 2013	12:37	7.64		8.73	8.71
December 3, 2013	10:00	7.90		6.86	9.37
2014					
March 4, 2014	11:41	7.48		0.93	17.92
April 10, 2014	09:54	8.20		8.61	13.46
May 6, 2014	12:02	7.44		11.82	10.10
May 14, 2014	11:58	7.56		13.52	7.81
May 21, 2014	12:30	7.41		14.40	9.01
June 3, 2014	12:00	7.54		16.95	8.38
June 12, 2014	09:49	7.44		17.59	6.70

June 24, 2014	11:40	7.64	22.17		6.62
June 30, 2014	12:00	7.62	21.38		6.47
July 7, 2014	12:11	7.66	22.58		5.35
July 16, 2014	11:50	7.43	21.57		5.36
July 22, 2014	11:48	7.67	22.53		4.48
July 29, 2014	12:00	7.74	22.23		5.75
August 5, 2014	11:45	7.61	22.66		5.16
August 11, 2014	09:45	7.62	22.35		5.56
August 19, 2014	12:00	7.58	21.68		5.34
September 4, 2014	12:50	7.54	24.42		6.00
September 10, 2014	12:32	7.66	—	NAPEFAI/EQF	—
September 16, 2014	12:06	7.46	21.59		5.76
September 23, 2014	10:00	7.40	20.75		6.25
September 29, 2014	11:55	7.47	20.54		5.65
November 25, 2014	10:02	7.64	9.02		10.49
December 1, 2014	12:08	7.41	7.33		9.85

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	98.7	18.1	—	20
	54.0	10.0	—	14
[redacted]				
	86.1	12.3	—	36
	87.9	15.9	—	20
	70.7	14.2	—	16
	75.4	15.9	—	20
	65.5	15.1	—	14
	65.0	—	—	18
	88.8	—	—	18
	—	—	—	27
	—	—	—	27
	47.0	—	—	23
	—	—	—	40
	49.9	—	—	22
	55.0	16.43	—	31
	44.5	19.96	—	11
	53.5	19.22	—	69
	55.2	16.64	—	13
	63.6	18.85	—	20
	62.3	16.47	—	24
	66.3	11.33	—	38
	72.4	11.96	—	16
	75.4	19.09	—	28
	73.6	18.5	—	18
	70.1	18.2	—	24
	76.9	17.75	—	20
	80.1	14.28	—	18
[redacted]				
	—	13.77	—	15
	92.7	10.1	—	32
	108.5	14.7	—	28
	145.3	4.02	—	17
	89.9	5.46	—	9
	107.6	17.35	—	16
	87.4	18.03	—	20
	84.1	21.60	—	45
	62.0	14.93	—	36
	68.1	20.52	—	27
	66.5	21.71	—	20
	73.5	23.45	—	14
	65.0	25.08	—	25
	76.1	11.55	—	24
	65.3	16.38	—	14
	—	—	—	22
	43.5	19.23	—	43

61.9	24.78	—	34
—	—	—	8
—	—	—	10
75.2	23.11	—	13
74.0	26.29	—	32
74.5	22.07	—	22
78.3	25.84	—	43
98.4	5.85	—	23
97.4	9.03	—	19
100.2	18.77	—	16
[redacted]			
124.9	15.28	—	38
116.7	18.61	—	24
106.3	16.84	—	17
104.7	22.37	—	84
95.8	19.45	—	27
94.3	16.02	—	40
91.1	20.53	—	18
114.5	15.78	—	24
118.2	18.10	—	28
81.0	19.68	—	30
83.9	18.12	—	31
77.3	18.17	—	25
58.1	8.81	—	20
70.7	16.54	—	25
57.1	21.24	—	27
70.1	20.22	—	22
72.7	22.58	—	64
58.8	18.52	—	22
52.8	24.70	—	39
61.9	16.97	—	20
57.1	14.06	—	46
72.5	23.95	—	28
78.0	20.26	—	18
87.3	9.98	—	14
87.1	2.20	—	8
81.2	18.10	—	46
[redacted]			
88.4	14.29	—	16
81.2	18.99	—	38
113.2	25.61	—	36
92.3	20.61	—	28
93.0	16.71	—	28
107.2	15.90	—	20
96.7	6.65	—	18
89.8	12.23	—	38
78.7	21.06	—	22
62.8	21.71	—	18
82.4	25.97	—	22

	105.6		23.10	—	41	
	66.2		23.00	—	25	
	66.2		23.71	—	15	
	72.8		21.05	—	46	
	90.6		21.34	—	30	
	77.5		22.22	—	22	
	100.7		19.40	—	60	
	87.8		14.52	—	30	
	94.9		7.33	—	18	
	84.2		17.31	—	55	
	75.8		14.75	—	30	
	76.5		15.31	—	30	
	69.0		18.23	—	20	
	72.9		22.33	—	23	
	75.3		21.96	—	24	
	72.7		22.62	—	16	
	63.5		21.80	—	17	
	67.5		23.31	—	26	
	74.3		24.96	—	24	
	59.6		21.52	—	15	
	44.9		21.73	—	22	
	44.6		24.70	—	24	
	64.3		20.36	—	42	
	86.2		20.25	—	16	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	21.25	—	47	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.57	—	28	
NAPEFAI/EQF	—	NAPEFAI/EQF	4.77	—	23	
NAPEFAI/EQF	—	NAPEFAI/EQF	13.99	—	21	
	61.9		17.54	—	12	
	64.2		14.12	—	21	
	71.0		20.02	—	48	
	73.0		20.87	—	27	J-QC/FFD/RPO
	61.2		10.72	—	37	
	52.2		16.71	—	15	
	59.6		18.86	—	46	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	18.78	—	64	
NAPEFAI/EQF	—	NAPEFAI/EQF	18.22	—	20	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.95	—	16	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.60	—	39	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.02	—	42	J-QC/FFD/RPO
	103.4		21.59	—	44	J-QC/FFD/RPO
	144.5		8.70	—	NA	12	
	104.3		9.40	—	NA	10	J-QC/FFD/RPO
	89.0		7.89	—	NA	19	J-QC/FFD/RPO
	90.1		16.62	—	NA	—	NAPQNS
	95.4		19.96	—	NA	32	
	96.1		16.70	—	NA	39	

102.5	15.81	—	NA	18	
103.5	13.93	—	NA	22	J-QC/FFD/RPO
90.0	22.71	—	NA	48	J-QC/FFD/RPO
89.2	21.94	—	NA	60	
66.4	20.37	—	NA	38	
59.4	20.81	—	NA	44	J-QC/FFB/FLDRPO
60.1	25.16	—	NA	39	
48.6	20.95	—	NA	47	J-QC/FFD/RPO
66.4	19.61	—	NA	16	
81.5	23.31	—	NA	22	
80.1	20.39	—	NA	34	J-QC/FFD/RPO
86.2	23.14	—	NA	48	
84.2	6.02	—	NA	25	
96.6	13.46	—	NA	54	
95.5	19.03	—	NA	16	
[redacted]					
95.6	18.24	—	NA	29	J-QC/FFB/FFDRPO
148.5	21.66	—	NA	46	
108.6	5.50	—	NA	38	
110.3	7.65	—	NA	14	
80.2	7.44	—	NA	19	J-QC/FFD/RPO
89.9	13.17	—	NA	19	
82.1	6.64	—	NA	22	
116.9	13.72	—	NA	29	
81.7	16.67	—	NA	54	
65.9	16.89	—	NA	26	
63.1	12.44	—	NA	14	J-QC/FFD/RPO
64.2	16.14	—	NA	28	
55.1	19.82	—	NA	50	J-QC/FLD/RPO
66.7	22.53	—	NA	54	J-QC/FLD/RPO
56.7	12.51	—	NA	18	
59.4	18.81	—	NA	20	
59.9	11.92	—	NA	26	
97.2	0.09	—	NA	35	
66.4	14.10	—	NA	29	
61.0	14.75	—	NA	40	
71.3	14.54	—	NA	32	
81.9	11.33	—	NA	43	J-QC/FFB
93.7	12.92	—	NA	36	
[redacted]					
99.1	20.04	—	NA	32	
96.1	9.27	—	NA	30	
116.9	18.33	—	NA	26	
87.7	22.85	—	NA	44	
205.2	20.44	—	NA	74	
79.6	14.80	—	NA	38	J-QC/FLD/RPO
76.3	15.40	—	NA	20	
69.7	15.51	—	NA	42	
78.8	19.75	—	NA	52	
71.7	9.45	—	NA	26	J-QC/FFB

	46.9	15.71	—	NA	45	
	63.9	17.98	—	NA	59	
	80.2	21.43	—	NA	41	J-QC/FLD/RPO
	75.2	23.06	—	NA	18	J-QC/FFD/FLDRPO
	57.4	19.95	—	NA	24	J-QC/FLD/RPO
	70.1	23.67	—	NA	70	
	63.8	21.53	—	NA	62	J-QC/FLD/RPO
	59.1	24.01	—	NA	70	
	78.4	29.56	—	NA	34	
	64.4	18.02	—	NA	20	
	78.3	25.80	—	NA	62	
	88.1	22.47	—	NA	50	J-QC/FLD/RPO
	79.2	19.73	—	NA	17	
	82.5	21.33	—	NA	—	NA
	92.6	22.45	—	NA	30	J-QC/FLD/RPO
[redacted]	100.9	23.63	—	NA	45	[redacted]
[redacted]	100.6	7.71	—	NA	42	J-QC/FFB
[redacted]	105.6	20.72	—	NA	—	NA
[redacted]	108.1	21.62	—	NA	52	[redacted]
[redacted]	97.6	15.82	—	NA	50	[redacted]
[redacted]	88.2	18.97	—	NA	—	NA
[redacted]	80.7	11.05	—	NA	18	J-QC/FFD/RPO
[redacted]	79.2	24.06	—	NA	60	[redacted]
[redacted]	69.4	14.28	—	NA	44	[redacted]
[redacted]	75.4	12.53	—	NA	26	[redacted]
[redacted]	61.4	7.64	—	NA	28	[redacted]
[redacted]	83.1	6.14	—	NA	22	[redacted]
[redacted]	76.9	17.02	—	NA	18	[redacted]
[redacted]	65.1	16.56	—	NA	29	[redacted]
[redacted]	65.1	15.23	—	NA	48	J-QC/FLD/RPO
[redacted]	65.1	24.36	—	NA	60	J-QC/FLD/RPO
[redacted]	63.1	19.93	—	NA	30	[redacted]
[redacted]	72.5	23.11	—	NA	18	J-QC/FLD/RPO
[redacted]	57.1	18.62	—	NA	33	J-QC/FLD/RPO
[redacted]	71.9	24.06	—	NA	52	[redacted]
[redacted]	65.1	20.07	—	NA	18	J-QC
[redacted]	70.0	23.48	—	NA	57	[redacted]
[redacted]	79.1	24.33	—	NA	44	[redacted]
[redacted]	87.3	24.10	—	NA	16	[redacted]
[redacted]	89.7	27.30	—	NA	28	[redacted]
[redacted]	90.8	24.94	—	NA	50	[redacted]
	142.9	21.62	—	NA	60	J-QC/FLD/RPO
	118.5	4.26	—	NA	38	
	99.4	10.16	—	NA	8	J-QC/FLD/RPO
	82.7	16.24	—	NA	27	
	97.3	17.02	—	NA	30	
	95.5	19.19	—	NA	26	
	78.8	18.99	—	NA	34	

	80.6		10.45		—	NA	18	J-QC/FFB
	81.3		21.98		—	NA	14	
	65.8		14.32		—	NA	28	
	68.8		22.71		—	NA	35	
	56.7		13.14		—	NA	18	
	73.0		21.94		—	NA	38	
	66.2		19.55		—	NA	26	
	73.4		24.70		—	NA	62	
	68.8		23.00		—	NA	34	J-QC/FLD/RPO
	78.9		22.21		—	NA	34	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	NA	49	
	73.4		22.74		—	NA	56	
	73.2		23.81		—	NA	36	
	72.9		25.38		—	NA	35	
	107.4		26.12		—	NA	40	
	92.0		18.04		—	NA	31	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
2.05	<2	<0.09	0.037
1.79	<2	0.58	0.043
[redacted]			
0.66	2	0.30	0.035
0.64	2	0.21	0.035
0.05	2	<0.19	0.039
0.22	2	<0.19	0.087
1.02	3	<0.19	0.104
0.77	4	<0.19	0.065
0.93	4	<0.19	0.059
1.44	<2	<0.19	0.070
1.97	<2	<0.19	0.068
2.61	<2	<0.19	0.076
2.68	9	<0.19	0.060
1.30	7	<0.19	0.050
1.81	3	<0.19	0.086
3.33	5	<0.19	0.077
3.06	3	<0.19	0.080
3.36	<2	<0.19	0.063
1.28	3	<0.19	0.059
1.36	<2	<0.19	0.107
1.55	3	0.23	0.110
0.80	5	<0.19	0.067
0.77	<2	<0.19	0.052
1.13	5	<0.19	0.071
1.16	<2	<0.19	0.082
2.07	5	<0.19	0.083
1.32	<2	<0.19	0.038
[redacted]			
1.19	3	<0.19	0.028
1.23	<2	<0.19	0.032
1.46	2	<0.19	0.034
<1.00	<2	<0.19	0.029
0.79	<2	<0.19	0.044
0.95	—	<0.19	0.050
1.08	<2	<0.19	0.067
1.09	<2	<0.27	0.055
1.13	<2	0.40	0.092
1.40	<2	<0.27	0.107
1.23	3	<0.27	0.106
1.02	<2	<0.27	0.081
1.01	<2	<0.27	0.109
1.38	<2	<0.27	0.076
1.73	<2	<0.27	0.072
1.07	<2	<0.27	0.067
1.19	5	<0.27	0.065

0.85	<2	<0.27	0.086
1.28	—	<0.27	0.117
1.01	<2	<0.27	0.128
0.90	<2	<0.27	0.127
1.07	<2	<0.27	0.114
1.50	<2	<0.27	0.114
0.86	<2	<0.27	0.130
1.33	<2	<0.27	0.062
1.02	4	<0.27	0.060
<1.00	14	<0.27	0.030
[redacted]			
1.13	4	<0.27	0.04
1.11	5	<0.27	0.029
1.11	<2	<0.27	0.031
1.10	<2	<0.27	0.029
1.13	<2	1.40	0.049
1.20	4	<0.27	0.059
0.86	4	<0.295	0.058
1.90	<2	<0.295	0.084
1.43	<2	<0.295	0.077
1.06	—	<0.295	0.072
0.45	—	<0.295	0.067
1.25	6	<0.295	0.075
1.69	4	<0.295	0.064
0.96	—	<0.295	0.049
0.71	9	<0.295	0.070
1.43	6	<0.295	0.058
1.44	<2	<0.295	0.046
1.81	<2	0.35	0.064
1.81	<2	<0.295	0.076
1.14	—	<0.295	0.097
1.13	—	<0.295	0.104
0.82	—	<0.295	0.094
0.86	<2	<0.295	0.048
0.97	<2	<0.295	0.069
1.01	<2	<0.295	0.037
1.08	4	0.66	0.046
[redacted]			
0.99	<2	<0.295	0.055
0.66	<2	<0.295	0.016
0.99	<2	<0.295	0.035
1.16	<2	<0.295	0.045
0.35	<2	0.204	0.040
0.79	<2	0.282	0.025
0.85	—	0.319	0.028
0.97	—	0.342	0.053
0.30	—	0.473	0.102
1.22	<2	0.411	0.100
0.62	<2	0.042	0.124

0.54		<2		<0.039		0.171
1.13		<2		0.377		0.150
0.32		<2		0.463		0.147
<0.30		<2		0.471		0.149
<0.30		<2		0.476		0.089
<0.30		<2		0.146		0.076
[redacted]						
0.55		<2		0.469		0.037
1.43		<2		<0.039		—
1.55		<2		0.332		0.018
1.13		<2		0.340		0.041
0.76		<2		0.463		0.081
<0.30		<2		0.340		0.047
<0.30		<2		0.465		0.102
0.41		<2		0.366		0.071
0.67		<2		0.316		0.077
<0.30		<2		0.185		0.064
1.33		<2		0.393		0.070
<0.30		<2		0.465		0.074
<0.30		<2		0.343		0.071
0.97		<2		0.384		0.091
<0.30		<2		0.383		0.087
0.84		<2		0.551		–
[redacted]						
0.50	BJ-QC/FBK/FFBFLS	<2	K	0.703	J-QC/FMS	0.045
0.83	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.040
1.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.031	J-R	0.043
1.77	BJ-QC/FBK/FFBFLS	<2	K	0.418		0.064
1.57	BJ-QC/FBK/FFBFLS	4		<0.018	KJ-QC/FMS	0.071
1.49	BJ-QC/FBK/FFBFFDRPO	<2	K	<0.018	K	0.080
1.02		<2	K	<0.018	K	0.088
1.75	BJ-QC/FBK/FFB	<2	K	0.329		0.063
0.40	BJ-QC/FBK/FFB	<2	K	0.031	J-R	0.043
0.91	BJ-QC/FBK/FLS	<2	KJ-QC/FFD/RPOFLS	0.183	J-QC/FFD/RPO	0.046
0.31	BJ-QC/FBK/FFDRPO	5	J-QC/FLS	0.051		0.051
0.31	J-QC/FFB	<2	K	0.275	J-QC/FFD/RPO	0.073
0.51	J-QC/FLS	<2	KJ-QC/FLS	<0.018	K	0.050
1.41	BJ-QC/FBK/FFBFLS	<2	K	0.142	J-QC/FFD/RPO	0.051
—	NAPQNS	<2	K	<0.018	K	0.062
1.08	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.285		0.047
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	0.432		0.081
0.72	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.275		0.083
0.72	BJ-QC/FBK/FFBFLS	<2	K	0.422		0.067
[redacted]						
1.16	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.210		0.0221
1.06	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.246		0.0190
1.25	BJ-QC/FBK/FFB	<2	KJ-HT/EHT	0.488	J-QC/FFD/RPO	0.0589
—	NAPQNS	—	NAPQNS	—	NAPQNS	—
1.02	BJ-QC/FBK/FFBFLS	<2	K	0.357		0.0578
0.60	BJ-QC/FBK/FFBFLS	<2	K	0.231		0.0748

0.73	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.080	J-QC/FMS	0.0732
0.70	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0829
0.50	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.196		0.0526
0.71	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.558	J-QC/FFD/RPO	0.0433
1.21	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.418		0.0619
0.76	BJ-QC/FBK/FFB	<2	K	0.335		0.0663
0.56	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.314		0.0609
1.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.472	J-QC/FSL	0.0895
0.56	BJ-QC/FBK/FFBFLS	<2	K	0.341		0.0887
0.60	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB/FLS	<0.0175	K	0.0577
0.56	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.0698
0.74	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.252		0.0713
1.71	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.304		0.0776
1.13	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.241		0.0691
0.60	BJ-QC/FBK/FFB	<2	K	0.252		0.1013
[redacted]						
0.64	BJ-QC/FBK/FFBFLS	<2	K	0.297		0.0565
1.13	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.654		0.0508
1.66	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.340		0.0241
1.55	BJ-QC/FBK/FFB	<2	K	0.126		0.0283
1.45	BJ-QC/FBK/FFB	<2	K	0.359	J-QC/FMS	0.0287
1.12	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0293	KJ-QC/FMS	0.0354
1.79	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.289		0.0667
1.47	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0293	K	0.0316
1.22	BJ-QC/FBK/FFB	<2	K	0.158		0.0566
0.48	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.452		0.0483
1.52	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.310		0.0264
1.77	BJ-QC/FBK/FFBFLS	<2	K	0.304	J-QC/FFB	0.0490
0.54	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.370		0.0465
0.34	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.294		0.0428
1.84	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.419	J-QC/FFD/RPO	0.0434
1.67	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.348	J-QC/FFB	0.0544
1.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.250		0.0425
1.72	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.033	J-RJ-QC/FMS	0.0144
0.48	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.340		0.0671
1.32	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.267		0.0681
2.27	BJ-QC/FBK/FFBFLS	—	A/LBF	0.118		0.0292
2.18	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.288	J-QC/FSL/FMS	0.0501
1.39	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0293	KJ-QC/FMS	0.0582
[redacted]						
0.76	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.231		0.0339
1.35	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFD/RPOFLS	0.447	J-QC/FSL	0.0307
1.34	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.071	J-RJ-QC/FSL/FMS	0.0431
1.22	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	KJ-QC/FLD/RPOFMS	0.0603
0.59	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.424	J-QC/FSL/FMS	0.0629
1.94	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.225		0.0841
1.34	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.309		0.0692
1.47	BJ-QC/FBK/FFBFLDRPO	<2	K	0.309	J-QC/FSL	0.0684
0.58	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.293	J-QC/FMS	0.0549
1.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.262	J-QC/FMS	0.0781

0.43	BJ-QC/FBK/FFBFLS	<2	K	0.194		0.0550
0.56	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.153	J-QC/FMS	0.0445
0.62	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.227		0.0467
0.73	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.195		0.0380
0.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.364		0.0795
0.48	BJ-QC/FBK/FFBFLS	<2	K	0.264		0.0711
0.40	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.343		0.0638
0.44	BJ-QC/FBK/FFBFLS	<2	K	0.296		0.0568
0.57	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.312		0.0902
0.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.158	J-QC/FSL	0.2074
0.69	BJ-QC/FBK/FFB	<2	K	0.337		0.0958
—	NA	<2	KJ-QC/FLS	0.564	J-QC/FFB/FMS	0.0550
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.358	J-QC/FMS	0.0637
—	NA	—	NA	—	NA	—
—	NA	<2	K	0.369		0.0801
[redacted]						
—	NA	<2	K	0.322	J-QC/LLS/FMS	0.0361
—	NA	<2	KJ-QC/FMS	0.314	J/LLS	0.0307
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.411		0.0347
—	NA	<2	K	0.348	J-QC/LLS/FMS	0.0345
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.323	J-QC/LLS/FFDRPO	0.0671
0.94	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.738	J-QC/FMS	0.0669
1.67	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.499	J-QC/FSL	0.0703
1.97	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.619	J-QC/FMS	0.0868
1.99	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.250	J/LLS	0.0561
1.54	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.238	J-QC/LLS/FFDRPOFMS	0.0284
1.46	BJ-QC/FBK/FFBFLS	<2	K	0.284	J/LLS	0.0443
1.07	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.289	J-QC/LLS/FSL	0.0419
1.67	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.217	J/LLS	0.0638
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.096	J-R/LLS	0.0620
0.52	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.121	J-R/LLS	0.0614
0.53	BJ-QC/FBK/FFBFLS	3		<0.0911	K	0.0440
1.32	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	0.157	J-R/LLS	0.0512
1.22	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.307	J/LLS	0.0518
0.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.151	J-R/LLS	0.0535
0.36	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.705		0.0544
0.31	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.386	J/LLS	0.0707
0.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.217	J-QC/LLS/FMS	0.0648
1.03	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.571		0.0917
0.68	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.207	J/LLS	0.0572
[redacted]						
0.74	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.303	J/LLS	0.0352
0.59	BJ-QC/FBK/FFBFMS	<2	K	0.199	J/LLS	0.0198
1.99	BJ-QC/FBK/FFB	<2	K	0.119	J-QC/LLS/FFB	0.0316
1.64	BJ-QC/FBK/FFBFMS	<2	K	0.170	J-QC/LLS/FFBFLDRPO	0.0285
1.57	BJ-QC/FBK/FFB	<2	K	0.506	J-QC/FFB	0.0737
1.58	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.449		0.0758
0.88	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.295	J-QC/LLS	0.0541

1.27	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.385	J-QC/LLS/FFDRPO	0.0596
0.95	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FSL	0.0630
1.26	BJ-QC/FBK/FFB	<2	KJ-QC	0.056	J/LLS	0.0572
0.62	BJ-QC/FBK/FFB	<2	KJ-QC	0.362	J-QC/LLS/FFB	0.0435
1.43	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.351	J/LLS	0.0422
0.56	BJ-QC/FBK/FFBFMS	<2	K	0.095	J-QC/LLS/FSL	0.0169
0.81	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FMS	0.0623
0.77	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT/FLS	<0.0267	KJ-QC/FSL	0.0398
0.71	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.056	J/LLS	0.0498
1.62	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0586
0.62	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0659
0.50	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.158	J/LLS	0.0723
0.74	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.085	J/LLS	0.0790
0.95	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.305	J-QC/LLS/FSL	0.0784
0.53	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.323	J/LLS	0.0627
0.92	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.126	J/LLS	0.0863

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.75	0.197	0.17	—
	0.93	0.177	0.08	—
	1.13	0.135	0.13	—
	0.87	0.117	0.13	—
	0.72	0.120	0.15	—
	1.43	0.192	0.24	—
	0.90	0.191	0.18	—
	1.39	0.207	0.19	—
	0.86	0.199	0.21	—
	1.62	0.249	0.26	—
	0.48	0.192	0.20	—
	1.12	0.309	0.30	—
	0.61	0.205	0.22	—
	0.99	0.272	0.28	—
	0.63	0.216	0.28	—
	1.24	0.293	0.27	—
	0.85	—	0.22	—
	1.03	—	0.24	—
	0.85	0.212	0.20	—
	0.64	0.227	0.30	—
	0.72	—	0.33	—
	0.60	0.147	0.29	—
	0.53	0.182	0.37	—
	0.77	0.200	0.19	—
	1.27	0.188	0.24	—
	1.29	0.237	0.17	—
	0.79	0.212	0.18	—
	0.62	0.102	0.11	—
	1.80	0.264	0.18	—
	0.84	0.134	0.09	—
	0.70	0.116	0.20	—
	1.00	0.190	0.17	—
	0.73	0.161	0.14	—
	0.61	0.128	0.15	—
	1.01	0.194	0.24	—
	1.06	0.191	0.21	—
	0.63	0.158	0.24	—
	0.95	0.193	0.23	—
	0.58	0.172	0.19	—
	0.46	0.199	0.26	—
	0.66	0.288	0.31	—
	1.02	0.361	0.29	—
	0.52	0.353	0.34	—
	0.51	0.336	0.32	—

0.55	0.353	0.33	—
0.84	0.376	0.30	—
0.57	0.167	0.21	—
0.72	0.300	0.30	—
0.82	0.261	0.28	—
0.83	0.281	0.29	—
0.77	0.230	0.25	—
1.03	0.237	0.35	—
0.97	0.204	0.27	—
0.69	0.130	0.17	—
1.17	0.21	0.22	—
0.59	0.60	0.17	—
1.19	0.135	0.19	—
0.65	0.255	0.36	—
0.74	0.093	0.13	—
1.14	0.242	0.22	—
0.92	0.118	0.16	—
0.88	0.172	0.31	—
0.78	0.147	0.20	—
0.67	0.167	—	—
0.62	0.181	—	—
0.44	0.197	0.24	—
1.25	0.259	0.17	—
0.74	0.266	—	—
0.47	0.215	0.29	—
0.49	0.207	0.20	—
0.49	0.204	0.21	—
0.81	0.246	0.25	—
0.92	0.241	0.23	—
0.96	0.292	—	—
0.82	0.213	—	—
0.53	0.116	—	—
1.30	0.250	0.24	—
0.60	0.180	0.16	—
0.64	0.081	0.16	—
0.93	0.117	0.29	—
1.16	0.109	0.09	—
0.550	0.100	0.17	—
0.750	0.127	0.14	—
0.707	0.139	0.13	—
0.718	0.139	0.11	—
0.564	0.100	0.07	—
0.539	0.100	—	—
0.849	0.238	0.13	—
0.518	0.245	0.21	—
1.35	0.252	0.22	—
0.934	—	0.17	—

	1.04		0.27		0.23		—
	1.09		0.25		0.19		—
	0.942		0.23		0.22		—
	0.992		0.16		0.20		—
	0.859		0.19		0.16		—
	0.280		0.18		0.11		—
	0.970		0.22		0.12		—
	1.19		0.18		0.15		—
	0.662		0.10		0.08		—
	0.661		0.10		0.08		—
	1.64		0.22		0.20		—
	0.730		0.21		0.13		—
	0.876		0.23		0.20		—
	0.918		0.15		0.16		—
	0.779		0.25		0.16		—
	0.389		0.24		0.26		—
	0.565		0.30		0.29		—
	2.05		0.23		0.26		—
	0.495		0.20		0.21		—
	0.532		0.25		0.24		—
	0.736		0.22		0.19		—
	1.16		0.20		0.20		—
J-QC/FFD/RPO	0.773		0.11	J-QC/FFD/RPO	0.10		—
	1.30	J-QC/FLS	0.14	J-QC/FFD/RPO	0.12		—
	0.481		0.13		0.12		—
	1.32		0.21	J-QC/FFB	0.17	J-QC/FFB/FFDRPO	—
J-QC/FFB	1.53		0.27		0.20	J-QC/FFD/RPO	—
	1.81	J-QC/FFB	0.19		0.21	J-QC/FFD/RPO	—
J-QC/FFB	1.36		0.19		0.18		—
	0.500		0.19		0.17		—
	1.03	J-QC/FFB	0.14	J-QC/FFD/RPO	0.12		—
	0.299		0.24		0.16		—
	0.584		0.31	J-QC/FFB	0.20		—
	0.605	J-QC/FFB	0.25		0.21		—
J-QC/FFB	0.862		0.16	J-QC/FFD/RPO	0.17		—
	0.499		0.23	J-QC/FFB	0.21		—
	0.697		0.22		0.22		—
	0.500		0.19		0.18		—
	0.650		0.16	J-QC/FFD/RPO	0.08		—
	1.06		0.20		0.19		—
J-QC/FFB	0.742		0.16		0.16		—
J-QC/FFB	0.560		0.10		0.06		—
	0.520	J-QC/FFD/RPO	0.12		0.09		—
	0.827		0.14	J-QC/FLD/RPO	0.12		—
NAPQNS	—	NAPQNS	—	NAPQNS	—	NAPQNS	—
J-QC/FFB	0.596		0.13		0.13		—
	0.648		0.15		0.16	J-QC/FFD/RPO	—

J-QC/FFB	1.02		0.21		0.18	J-QC/FLS	—
	0.812		0.26	J-QC/FFB	0.20		—
	0.402		0.16	J-QC/FFB	0.15		—
J-QC/FFB	0.371		0.24	J-QC/FFB	0.21		—
J-QC/FFB	0.813		0.34		0.31		—
	0.712		0.29		0.31		—
	0.347		0.24		0.22		—
	0.739	J-QC/FFD/RPO	0.33		0.30		—
	0.632	J-QC/FFD/RPO	0.26		0.24		—
	0.323	J-QC/FFB	0.17		0.17		—
	0.630		0.25		0.19		—
	0.366		0.21		0.19		—
	1.20		0.30		0.27		—
	1.91		0.23		0.20		—
	0.614		0.16	J-QC/FFD/RPO	0.13	J-QC/FFD/RPO	—
[redacted]							
	1.3400	J-QC/FFD/RPO	0.17		0.14	J-QC/FFD/RPO	—
J-QC/FFB	1.3700	J-QC/FFB	0.13	J-QC/FFB	0.07		—
	0.6613		0.25		0.17	J-QC/FLS	—
	0.9059	J-QC/FLS	0.15		0.13		—
	0.2334		0.12		0.11	J-QC/FFB	—
	0.8235		0.12		0.11		—
J-QC/FFB/FFDRPO	0.9939		0.12		0.12		—
	0.7180		0.17		0.15		—
	—	A/LBF	0.18	J-QC/FLS	0.16		—
	0.6227	J-QC/FLS	0.16	J-QC/FFD/RPO	0.14		—
	0.8348		0.15		0.15		—
	0.9265		0.24		0.20		—
J-QC/FFB	0.9130	J-QC/FFB	0.22		0.21		—
	0.3180		0.18		0.16	J-QC/FLS	—
	1.2529	J-QC/FFB	0.26		0.25		—
	0.5876		0.20		0.20	J-QC/FFB	—
	0.6658		0.20	J-QC/FLS	0.19		—
	0.5683		0.17	J-QC/FFB/FLDRPOFLS	0.16	J-QC/FFB	—
J-QC/FFB	0.4680		0.14		0.12		—
J-QC/FFB	0.7229		0.10		0.11		—
J-QC/FFB	1.0184		0.17	J-QC/FLD/RPOFLS	0.13		—
J-QC/FFB	1.0162		0.15		0.11	J-QC/FFB	—
J-QC/FFB	0.9007		0.12		0.12		—
[redacted]							
	0.8444	J-QC/FLS	0.11		0.08		—
J-QC/FFB	1.3339	J-QC/FFB	0.11		0.10		—
J-QC/FFB	0.7303		0.11		0.07		—
J-QC/FFB	0.8623		0.13		0.11		—
J-QC/FFB	0.5250		0.12		0.10		—
J-QC/FFB	1.3728		0.18		0.16		—
J-QC/FFB	0.7995		0.15		0.15		—
J-QC/FFB	0.7589		0.11		0.09		—
J-QC/FFB	0.4776		0.13		0.11		—
J-QC/FFB	0.5965	J-QC/FLS	0.17		0.15		—

	0.6357		0.14		0.14	J-QC/FFB	—
	0.6269	J-QC/FLS	0.15		0.13		—
	0.5244		0.18		0.17		—
	0.4787		0.18	J-QC/FFD/RPO	0.15	J-QC/FFB	—
	0.9313	J-QC/FLS	0.24		0.25		—
	0.7875	J-QC/FLS	0.20		0.19		—
	0.6079	J-QC/FFD/RPO	0.23		0.19		—
	0.5208	J-QCJ-HT/FFB/EHT	0.19		0.17		—
	0.6650		0.24		0.20		—
	1.0329		0.25	J-QC/FLS	0.22	J-QC/FFB	—
	0.6429	J-HT/EHT	0.19		0.16		—
J-QC/FFB	0.4666		0.12	J-QC/FFD/RPO	0.12	J-QC/FFD/RPO	—
J-QC/FFB	1.0945		0.16		0.15	J-QC/FLS	—
NA	—	NA	—	NA	—	NA	—
J-QC/FFB	0.6991		0.18		0.15		—
[redacted]							
J-QC/FFB	0.5867	[redacted]	0.11	J-QC	0.09	J-QC	—
J-QC/FFB	0.9312	J-QC/FLS	0.20	[redacted]	0.16	J-QC	—
NA	—	NA	—	NA	—	NA	—
[redacted]	0.7244	J-QC/FFB/FLS	0.11	J-QC	0.08	J-QC	—
J-QC/FFB	0.5679	[redacted]	0.11	J-QC/FFD/RPO	0.10	[redacted]	—
NA	—	NA	—	NA	—	NA	—
[redacted]	1.0087	J-QC/FFB	0.18	[redacted]	0.13	J-QC	—
J-QC/FFB	0.9212	J-QC/FFB	0.15		0.13	[redacted]	—
J-QC/FFB	1.6373	[redacted]	0.23	J-QC/FLD/RPO	0.18		—
J-QC/FFB	0.7474		0.19	[redacted]	0.21	J-QCJ-HT/FFB/EHT	—
[redacted]	0.9686	J-HT/EHT	0.21	J-QC/FMS	0.20	[redacted]	—
J-QC/FFB	0.6095	[redacted]	0.15	J-QC/FLD/RPO	0.16	[redacted]	—
J-QC/FFB	0.4968		0.18	J-QC/FLD/RPO	0.15	J-QC/FLD/RPO	—
[redacted]	0.7553		0.19	J-QC/FFB	0.16	[redacted]	—
	0.4872		0.22	J-QC/FMS	0.17		—
J-QC/FFB	0.7070		0.23	[redacted]	0.19		—
J-QC/FFB	0.5195		0.20	J-QC/FLD/RPOFMS	0.21		—
[redacted]	0.4072		0.14	J-QC/FFB	0.14		—
	0.9979	J-HT/EHT	0.20	[redacted]	0.20		—
J-QC/FFB	0.7378	[redacted]	0.16	J-QC	0.16	J-QC	—
J-QCJ-HT/FFB/EHT	0.6188	J-QC/FLS	0.17	[redacted]	0.16	[redacted]	—
J-QC/FFB	0.3395	[redacted]	0.17		0.15		—
J-QC/FFB	0.7446	J-QCJ-HT/FLS/EHT	0.16		0.16	J-QC/FFB	—
J-QC/FFB	0.7189	[redacted]	0.19	J-QC/FLD/RPOFMS	0.16	J-QC/FFB	—
J-QC/FFB	1.0041		0.22	J-QC	0.18	J-QC	—
[redacted]	0.7830		0.19	[redacted]	0.16	J-QC/FFD/RPO	—
[redacted]							
	0.4110	J-HT/EHT	0.10		0.08		—
J-QC/FFB	0.4616		0.10	J-QC/FFB	0.07	J-QC/FFB	—
J-QC/FFB	0.3421		0.14	J-QC/FFB	0.11		—
J-QC/FFB	0.6924		0.19		0.16		—
	0.5788	J-QCJ-HT/FLS	0.16		0.14		—
J-QC/FFB	0.4599	J-QC/FFD/RPOFLS	0.14		0.14		—
	0.4497		0.14		0.12	J-QC/FFB	—

	0.5827		0.17		0.17		—
J-QC/FFB	0.3587	J-QC	0.13		0.12		—
J-HT	0.7870		0.22		0.20		—
J-QC/FFB	0.4455	J-HT	0.16		0.14		—
J-QC/FFB	0.9059	J-HT	0.22		0.20		—
	0.3783		0.15		0.13		—
J-QC/FFB	0.6319	J-QC/FLS	0.21		0.20		—
	0.3002		0.15		0.16		—
J-QC/FFB	0.6193	J-HT	0.24	J-QC/FFB	0.19		—
J-QC/FFB	0.6349		0.22		0.19		—
J-QC/FFB	0.4380		0.18	J-QC	0.17	J-QC	—
	0.5141		0.21	J-QC/FFB	0.20		—
J-QC/FFB	0.5559	J-HT	0.20	J-QC/FFB	0.17		—
J-QC/FFB	0.5681		0.19		0.18		—
J-QC/FFB	0.7166		0.20	J-QC	0.17	J-QC	—
	1.1973	J-QC/FSL	0.23	J-QC	0.19	J-QC	—

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	2.7	0.00	0.00
	8.1	0.00	0.11
[redacted]			
	22.0	0.45	0.45
	7.9	0.00	0.00
	5.0	0.00	0.05
	3.7	0.00	0.00
	3.5	0.29	0.47
	3.7	0.00	0.00
	15.6	0.00	0.31
	1.3	0.00	0.00
	3.4	0.00	0.00
	5.8	0.00	0.57
	5.0	0.00	0.00
	15.7	0.09	0.94
	6.7	0.00	0.02
	8.0	0.39	0.39
	4.9	0.00	0.00
	8.0	0.00	0.00
	5.7	0.00	0.10
	7.0	0.00	0.00
	7.1	0.00	0.00
	2.1	0.53	2.80
	<0.5	0.04	0.04
	8.2	0.00	0.00
	6.7	0.00	0.00
	4.7	0.01	0.04
	6.5	0.03	0.44
[redacted]			
	3.4	0.01	0.01
	1.6	0.00	0.10
	<0.5	0.01	0.14
	1.1	0.00	0.00
	4.7	0.00	0.09
	1.3	0.00	0.00
	1.0	0.00	0.00
	<0.5	0.05	0.05
	2.7	0.00	0.00
	2.0	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.66	0.66
	3.0	0.95	1.78
	3.2	0.00	0.04
	6.0	0.00	0.00
	3.4	0.00	0.00
	4.4	0.00	0.08

3.4	0.00	0.00	[redacted]
3.4	0.00	0.00	
2.5	0.00	0.00	
2.6	0.01	0.01	
2.5	0.00	0.00	
3.1	0.00	0.12	
3.6	0.00	0.00	
2.7	0.00	0.03	
6.3	0.00	0.00	
6.9	0.00	0.00	
[redacted]			
6.6	0.04	0.04	
5.6	0.00	0.00	
6.3	0.00	0.00	
4.7	0.00	0.00	
4.7	0.00	0.03	
3.7	0.00	0.00	
4.6	0.00	0.00	
5.2	0.00	0.00	
4.5	0.00	0.00	
—	0.22	0.22	
—	0.54	0.93	
3.4	0.00	0.00	
2.7	0.00	0.00	
—	0.00	0.00	
9.5	0.00	0.00	
6.0	0.00	0.00	
5.1	0.00	0.00	
5.9	0.00	0.00	
1.0	0.00	0.27	
—	0.02	0.37	
—	0.00	0.00	
—	0.00	0.00	
2.8	0.02	0.03	
3.3	0.00	0.00	
4.3	0.65	0.65	
2.5	0.00	0.00	
[redacted]			
2.4	0.00	0.00	
1.0	0.00	0.00	
2.3	0.24	0.26	
<0.5	0.00	0.06	
2.1	0.00	0.00	
1.7	0.01	0.18	
—	0.32	0.74	
2.5	0.00	0.00	
2.4	0.00	0.00	
2.8	0.00	0.00	
1.1	0.00	0.00	

	6.9		0.00	0.00
	5.3		0.00	0.00
	5.8		0.00	0.00
	5.3		0.00	0.00
	5.6		0.00	0.01
	3.2		0.00	0.01
	3.7		0.01	0.01
	2.7		0.02	0.10
	4.1		0.00	0.00
	3.6		0.00	0.00
	4.6		0.00	0.00
	9.3		0.05	0.71
	6.0		0.00	0.00
	4.5		0.09	0.09
	4.7		0.00	0.14
	5.0		0.00	0.00
	3.3		0.26	0.26
	—		0.00	0.00
	3.1		0.00	0.00
	4.3		0.00	0.00
	2.8		0.00	0.00
	2.5		0.00	0.00
	3.9		0.00	0.05
	4.6	J-QC/FFD/RPO	0.00	0.00
	5.0		0.00	0.00
	4.4	J-QC/FFD/RPO	0.63	0.97
	6.7	J-QC/FFB/FFDRPO	0.00	0.00
	6.6		0.25	0.25
	5.7		0.00	0.01
	4.4		0.00	0.43
	4.5		0.00	0.00
	5.3		0.00	0.00
	5.2	J-QC/FFB	0.00	1.44
	5.7		0.00	0.00
	6.0	J-QC/FFB	0.00	0.41
	4.8		0.00	0.00
	5.8	J-QC/FFB	0.00	0.00
	4.8	J-QC/FFB	0.00	0.00
	4.1	J-QC/FFB	0.00	0.00
	4.2	BJ-QC/FBK/FFB	0.00	0.00
	3.8	J-QC/FFB	0.00	0.00
NA	5.20	J-QC/FFB/FFDRPO	1.22	1.22
NA	4.80		0.00	0.00
NA	4.79		0.00	0.03
NA	—	NAPQNS	0.00	0.00
NA	3.80	J-QC/FFB	0.00	0.00
NA	4.14	J-QC/FFB/FLDRPO	0.25	0.25

NA	4.49	J-QC/FFB	0.00	0.02
NA	4.06	J-QC/FFB	0.43	0.43
NA	3.80	J-QC/FFB	0.00	0.00
NA	3.50	J-QC/FFB/FFDRPO	1.69	2.78
NA	3.80		0.00	0.00
NA	2.30	J-QC/FFD/RPO	0.00	0.01
NA	4.10	BJ-QC/FBK/FFB	0.07	0.07
NA	4.20	J-QC/FFB	0.00	0.00
NA	3.60	BJ-QC/FBK/FFB	0.00	0.00
NA	3.40	J-QC/FFB	0.00	0.00
NA	3.60	J-QC/FFB	0.68	0.68
NA	3.30		0.00	0.09
NA	4.40		0.01	0.28
NA	5.40		0.00	0.15
NA	4.90		0.00	0.00
[redacted]				
NA	4.6		0.00	0.00
NA	5.0	J-QC/FFB	0.00	0.10
NA	4.9		0.00	0.17
NA	3.9		0.00	0.64
NA	3.1	BJ-QC/FBK/FFB	0.00	0.57
NA	4.2	BJ-QC/FBK/FFBFFDFLDRPOFSL	0.00	0.00
NA	4.7	J-QC/FFB	0.00	0.03
NA	4.2		0.00	0.00
NA	3.3		0.00	0.00
NA	3.2	J-QC/FFD/RPO	0.00	0.49
NA	4.3	J-QC/FFB	0.00	0.00
NA	5.0	J-QC/FFB	0.00	0.00
NA	3.6	J-QC/FFB	0.00	0.39
NA	3.2	J-QC/FFB	0.00	0.28
NA	4.5	J-QC/FFB	0.00	1.32
NA	3.8	J-QC/FFB	0.22	0.23
NA	5.4	J-QC/FFB	0.00	0.00
NA	7.6	J-QC/FFB/FFDRPO	1.36	5.34
NA	4.5	J-QC/FFB	0.04	0.04
NA	4.2	J-QC/FFB	0.00	0.00
NA	4.2	J-QC/FFB	0.00	0.00
NA	3.0		0.00	0.00
NA	4.9		0.00	0.00
[redacted]				
NA	3.9		0.00	0.00
NA	3.6	J-QC/FFB	0.00	0.00
NA	3.5	BJ-QC/FBK/FFB	0.00	0.00
NA	2.0	J-QC/FFB	0.00	0.00
NA	2.2	J-QC/FFB	0.00	0.00
NA	3.2	BJ-QC/FBK/FFB	0.03	0.03
NA	3.0	J-QC/FFB	0.46	0.86
NA	2.6	J-QC/FFB	0.02	0.18
NA	2.3	J-QC/FFB	0.02	1.38
NA	2.9	J-QC/FFB	0.00	0.06

NA	3.1	B/FBK	0.00	0.00
NA	2.3	BJ-QC/FBK/FFB	0.00	0.00
NA	3.5	BJ-QC/FBK/FFB	0.00	0.00
NA	3.5		0.00	0.00
NA	4.2		0.23	0.23
NA	2.2	J-QC/FFD/RPO	0.00	0.05
NA	3.3	J-QC/FFB/FFDRPO	0.00	0.00
NA	1.4	J-QC/FFB	0.00	0.00
NA	2.3	J-QC/FFB	0.00	0.12
NA	3.2		0.00	0.00
NA	3.4	J-QC/FFB	0.00	0.00
NA	5.1		0.00	0.00
NA	4.2		0.00	0.00
NA	—	NA	0.00	0.00
NA	2.4	J-QC/FFB	0.14	0.14
[redacted]				
NA	3.65	BJ-QC/FBK/FFB	0.00	0.00
NA	4.20	J-QC/FFB/FFDRPO	0.00	0.02
NA	—	NA	0.00	0.00
NA	3.18	J-QC/FFB	0.68	0.68
NA	4.2	J-QC/FFD/RPO	0.00	0.00
NA	—	NA	0.00	0.01
NA	2.6	J-QC/FFD/RPO	0.00	0.00
NA	2.6	J-QC/FLD/RPO	0.00	0.00
NA	5.7	J-QC/FFB	0.53	0.53
NA	5.4	J-QC/FFB	0.00	0.00
NA	4.9		0.18	0.18
NA	5.5	J-QC	0.00	0.14
NA	3.8	J-QC	0.01	0.12
NA	6.8		0.00	0.00
NA	4.6	J-QC/FFB/FLDRPO	0.00	0.00
NA	3.9	J-QC/FFB/FLDRPO	0.57	0.76
NA	3.9	J-QC/FFB	0.00	0.00
NA	3.8	J-QC/FFB	0.00	0.00
NA	4.3		0.00	0.00
NA	2.3	J-QC	0.01	0.04
NA	2.2		0.00	0.05
NA	2.3	J-QC/FFD/RPO	0.00	0.00
NA	2.1		0.00	0.00
NA	4.31	BJ-QC/FBK/FFBFLDRPOFMS	0.00	0.00
NA	4.24	J-QC	0.00	0.00
NA	4.78		0.00	0.00
[redacted]				
NA	1.4	J-QC/FMS	0.00	0.01
NA	3.9		0.00	0.07
NA	4.1		0.00	0.00
NA	4.7	BJ-QC/FBK/FFDRPO	0.00	0.00
NA	5.6	B/FBK	0.00	0.00
NA	6.3		0.99	0.99
NA	3.7	J-QC/FMS	0.04	0.03

NA	4.4		0.00	0.00
NA	2.1		0.00	0.00
NA	3.6		0.00	0.00
NA	1.0		0.00	0.73
NA	1.2	J-QC/FLD/RPO	0.00	0.00
NA	1.7		0.00	0.28
NA	2.5	J-QC/FFB	0.00	0.00
NA	2.9		0.00	0.00
NA	2.7		0.00	0.00
NA	2.2		0.00	0.00
NA	1.7		0.00	0.03
NA	2.3		0.73	0.73
NA	2.8	J-QC/FLD/RPO	0.00	0.00
NA	3.0	J-QC/FFD/RPO	0.00	0.00
NA	4.5		0.00	0.47
NA	3.0	J-QC/FMS	0.10	0.10

[redacted]

[redacted]

Station #13 Oradell Dam	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 10, 2003	11:45	7.40	3.8	10.21
December 18, 2003	11:30	7.50	3.0	13.23
2004				
January 8, 2004	10:30	—	3.2	12.71
February 18, 2004	11:00	6.23	3.6	11.78
February 26, 2004	10:10	6.98	3.6	10.00
March 10, 2004	11:00	7.07	1.9	12.00
March 31, 2004	10:45	7.46	9.1	10.94
April 14, 2004	09:40	7.12	10.2	12.47
April 21, 2004	11:30	6.00	19.3	7.31
May 26, 2004	11:05	7.49	19.3	5.04
June 17, 2004	09:00	6.80	22.2	4.40
June 28, 2004	08:00	6.70	20.5	3.70
July 22, 2004	—	—	—	—
September 21, 2004	10:15	6.83	20.0	6.83
September 30, 2004	11:15	7.69	19.6	7.98
October 6, 2004	11:40	7.51	18.0	6.70
October 20, 2004	10:20	7.00	13.9	7.99
November 4, 2004	11:00	6.90	12.0	7.12
November 22, 2004	09:45	6.90	8.7	8.70
December 8, 2004	11:00	7.00	6.5	9.78
December 21, 2004	10:33	8.36	2.76	14.8
2005				
January 5, 2005	11:00	7.88	3.8	15.38
February 16, 2005	10:59	—	—	—
February 22, 2005	10:44	—	4.39	14.16
March 3, 2005	10:27	—	4.4	11.97
March 15, 2005	10:32	—	4.8	13.10
April 13, 2005	10:10	7.66	12.3	—
April 19, 2005	10:09	7.10	15.0	—
May 9, 2005	12:52	7.87	15.27	10.02
May 31, 2005	—	—	—	—
June 14, 2005	—	—	—	—
June 28, 2005	—	—	—	—
July 12, 2005	—	—	—	—
July 26, 2005	—	—	—	—
August 3, 2005	—	—	—	—
August 17, 2005	—	—	—	—
September 19, 2005	12:48	7.22	25.1	—
September 27, 2005	12:21	8.23	21.2	—
October 12, 2005	10:22	7.12	15.66	7.41
October 24, 2005	11:40	—	13.4	6.05
November 17, 2005	11:12	6.87	11.22	10.33
November 28, 2005	12:20	—	7.5	9.56
December 12, 2005	12:15	—	4.2	8.85
2006				

January 9, 2006		12:59	7.28	3.75	15.19
January 25, 2006		11:57	7.17	4.00	15.59
February 7, 2006		11:04	7.75	4.72	13.20
February 22, 2006		12:20	8.07	3.92	14.96
March 7, 2006		10:49	7.81	4.60	12.47
March 29, 2006		10:02	8.23	8.9	10.69
April 4, 2006		11:54	8.66	10.87	12.96
April 17, 2006		12:42	8.48	12.70	11.65
May 1, 2006		12:03	7.64	15.74	8.62
May 22, 2006		11:02	7.57	16.34	8.62
June 1, 2006		11:30	7.41	18.75	6.99
June 12, 2006		12:13	7.72	19.41	7.47
June 26, 2006		11:09	7.45	22.41	5.50
July 17, 2006		12:11	7.51	25.95	3.71
July 31, 2006		11:28	7.66	26.14	3.85
August 8, 2006		11:25	8.06	27.05	6.51
August 21, 2006		12:00	7.66	24.63	6.01
September 13, 2006		11:00	7.82	20.29	9.02
September 27, 2006		10:54	7.39	19.10	5.60
October 17, 2006		09:53	7.04	15.01	6.68
October 30, 2006		10:10	7.28	11.10	8.44
November 15, 2006		09:48	7.07	12.03	7.02
November 27, 2006		10:13	7.20	9.48	9.27
December 4, 2006		11:22	7.54	8.83	9.15
December 18, 2006		11:11	7.45	6.56	10.15
2007					
January 4, 2007		10:34	8.08	5.47	13.77
January 17, 2007		10:29	7.55	3.99	11.83
January 29, 2007		12:04	7.94	2.84	13.98
March 12, 2007		11:16	7.58	3.20	13.82
March 26, 2007		11:53	7.91	6.41	15.41
April 9, 2007		12:19	7.79	8.66	12.09
April 24, 2007		12:27	7.65	11.81	11.92
May 8, 2007	A	10:22	7.42	15.32	9.11
May 8, 2007	B	10:22	—	—	—
May 21, 2007		12:28	7.60	18.65	7.40
June 4, 2007		12:06	7.56	21.50	6.34
June 18, 2007		12:17	8.26	21.95	9.62
July 9, 2007		12:08	8.26	23.15	9.10
July 23, 2007	A	11:43	7.97	23.71	6.06
July 23, 2007	B	11:43	—	—	—
August 6, 2007	A	11:50	7.69	25.90	5.22
August 6, 2007	B	11:50	—	—	—
August 20, 2007	A	11:33	7.46	23.24	6.29
August 20, 2007	B	11:33	—	—	—
September 10, 2007	A	11:48	7.82	24.93	7.29
September 10, 2007	B	11:48	—	—	—
September 17, 2007	A	11:51	8.03	21.07	8.09
September 17, 2007	B	11:51	—	—	—
October 11, 2007		10:02	7.74	20.85	6.46

October 24, 2007	A	11:08	7.79		18.04	6.19
October 24, 2007	B	11:08	—		—	—
November 8, 2007		10:08	—		10.27	8.89
November 19, 2007		10:19	—		7.45	10.54
December 3, 2007		11:25	—		4.62	9.42
December 17, 2007		11:05	—		1.44	11.32
2008						
January 28, 2008		12:08	7.86		3.68	10.79
February 25, 2008		11:56	8.22		3.62	14.50
March 24, 2008		12:42	8.25		7.57	15.33
April 14, 2008	A	11:04	8.29		10.95	11.29
April 14, 2008	B	11:04	—		—	—
May 5, 2008	A	11:44	7.70		15.25	7.26
May 5, 2008	B	11:44	—		—	—
May 19, 2008		11:34	7.67		16.06	6.72
June 2, 2008	A	12:26	7.91		20.12	6.54
June 2, 2008	B	12:26	—		—	—
June 16, 2008		12:06	—		23.62	2.00
July 21, 2008	A	11:37	—		27.42	5.72
July 21, 2008	B	11:37	—		—	—
July 28, 2008	A	11:34	—		25.59	5.45
July 28, 2008	B	11:34	—		—	—
August 11, 2008	A	11:29	—		24.57	5.30
August 11, 2008	B	11:29	—		—	—
August 25, 2008	A	11:22	—		24.17	1.05
August 25, 2008	B	11:22	—		—	—
September 8, 2008	A	11:42	—		23.82	3.97
September 8, 2008	B	11:42	—		—	—
September 23, 2008		10:48	—		20.99	6.04
November 20, 2008	A	11:09	7.46		7.00	11.41
November 20, 2008	B	11:09	—		—	—
December 1, 2008	A	10:51	—		5.37	12.27
December 1, 2008	B	10:51	—		—	—
2009						
March 3, 2009	A	11:55	—	NAPEFAI/EQF	2.17	18.10
March 3, 2009	B	11:55	—		—	—
April 20, 2009		11:53	7.14		12.30	11.11
May 4, 2009	A	12:03	—	NAPEFAI/EQF	16.8	—
May 4, 2009	B	12:03	—		—	—
May 18, 2009		11:50	—	NAPEFAI/EQF	17.4	6.03
June 8, 2009	A	11:42	—	NAPEFAI/EQF	20.3	4.94
June 8, 2009	B	11:42	—		—	—
June 22, 2009	A	11:38	8.30		20.98	10.00
June 22, 2009	B	11:38	—		—	—
July 13, 2009	A	11:59	7.21		22.10	3.63
July 13, 2009	B	11:59	—		—	—
July 20, 2009	A	12:00	7.37		22.93	3.12
July 20, 2009	B	12:00	—		—	—
August 10, 2009	A	11:35	7.21		23.58	1.05
August 10, 2009	B	11:35	—		—	—

August 24, 2009	A	11:48	7.30		24.83		2.55
August 24, 2009	B	11:48	—		—		—
September 14, 2009	A	11:52	7.86		21.24		6.06
September 14, 2009	B	11:52	—		—		—
September 21, 2009	A	11:38	7.85		19.96		7.28
September 21, 2009	B	11:38	—		—		—
October 5, 2009	A	11:42	8.02		17.04		9.74
October 5, 2009	B	11:42	—		—		—
November 17, 2009	A	11:50	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
November 17, 2009	B	11:50	—		—		—
December 14, 2009	A	11:56	7.23		4.29		13.45
December 14, 2009	B	11:56	—		—		—
2010							
January 4, 2010		11:48	6.70		1.39		15.44
March 8, 2010	A	11:27	8.02		4.50		14.65
March 8, 2010	B	11:27	—	NA	—	NA	—
April 8, 2010		11:42	8.16		15.69		11.43
May 10, 2010	A	12:32	7.53		16.32		7.65
May 10, 2010	B	12:32	—	NA	—	NA	—
May 24, 2010	A	11:55	7.77		18.78		8.54
May 24, 2010	B	11:55	—	NA	—	NA	—
June 7, 2010	A	11:35	7.82		23.36		8.13
June 7, 2010	B	11:35	—	NA	—	NA	—
June 21, 2010	A	11:58	7.84		23.79		7.41
June 21, 2010	B	11:58	—	NA	—	NA	—
July 12, 2010	A	11:40	7.63		26.73		4.63
July 12, 2010	B	11:40	—	NA	—	NA	—
July 26, 2010	A	11:13	7.84		26.45		9.75
July 26, 2010	B	11:13	—	NA	—	NA	—
August 9, 2010		11:47	8.32		26.40		8.15
August 23, 2010	A	11:20	7.52		23.99		5.82
August 23, 2010	B	11:20	—	NA	—	NA	—
September 13, 2010	A	11:47	7.86		21.38		8.35
September 13, 2010	B	11:47	—	NA	—	NA	—
September 28, 2010	A	11:26	7.55		20.48		6.75
September 28, 2010	B	11:26	—	NA	—	NA	—
October 4, 2010	A	11:22	7.41		17.95		6.22
October 4, 2010	B	11:22	—	NA	—	NA	—
November 15, 2010	A	11:28	8.20		9.68		24.38
November 15, 2010	B	11:28	—	NA	—	NA	—
December 6, 2010	A	11:35	8.49		5.26		16.73
December 6, 2010	B	11:35	—	NA	—	NA	—
2011							
January 3, 2011	A	12:07	6.92		3.56		—
January 3, 2011	B	12:07	—	NA	—	NA	—
March 7, 2011	A	11:47	—	NAPEFAI/EQF	4.24		16.23
March 7, 2011	B	11:47	—	NA	—	NA	—
April 11, 2011	A	11:15	7.78		9.49		12.72
April 11, 2011	B	11:15	—	NA	—	NA	—
May 2, 2011	A	11:40	8.00		16.78		11.48

May 2, 2011	B	11:40	—	NA	—	NA	—
May 18, 2011	A	11:24	7.50		17.42		8.59
May 18, 2011	B	11:24	—	NA	—	NA	—
June 6, 2011	A	11:06	7.36		20.78		5.33
June 6, 2011	B	11:06	—	NA	—	NA	—
June 20, 2011	A	11:20	8.02		22.25		6.67
June 20, 2011	B	11:20	—	NA	—	NA	—
July 11, 2011	A	11:30	7.28		24.26		3.31
July 11, 2011	B	11:30	—	NA	—	NA	—
July 25, 2011		11:22	8.09		27.48		4.23
August 9, 2011	A	11:40	7.89		26.32		8.45
August 9, 2011	B	11:40	—	NA	—	NA	—
August 22, 2011	A	11:32	7.28		23.72		3.54
August 22, 2011	B	11:32	—	NA	—	NA	—
September 13, 2011	A	11:39	7.15		21.68		6.73
September 13, 2011	B	11:39	—	NA	—	NA	—
September 26, 2011	A	10:44	7.23		20.45		6.63
September 26, 2011	B	10:44	—	NA	—	NA	—
October 18, 2011	A	11:25	7.43		16.71		5.59
October 18, 2011	B	11:25	—	NA	—	NA	—
November 3, 2011	A	11:33	7.38		11.33		8.54
November 3, 2011	B	11:33	—	NA	—	NA	—
December 7, 2011		11:26	7.24		8.93		8.25
2012							
January 11, 2012	A	11:47	7.68		3.98		12.36
January 11, 2012	B	11:47	—	NA	—	NA	—
February 8, 2012		11:28	7.42		4.32		13.41
March 6, 2012	A	11:42	7.88		5.26		12.35
March 6, 2012	B	11:42	—	NA	—	NA	—
April 18, 2012	A	11:38	8.18		14.50		12.56
April 18, 2012	B	11:38	—	NA	—	NA	—
May 2, 2012	A	11:48	7.58		14.70		9.09
May 2, 2012	B	11:48	—	NA	—	NA	—
May 8, 2012	A	11:37	7.50		15.24		8.07
May 8, 2012	B	11:37	—	NA	—	NA	—
June 5, 2012	A	11:32	7.43		20.64		10.13
June 5, 2012	B	11:32	—	NA	—	NA	—
June 19, 2012	A	11:41	7.18		21.94		2.94
June 19, 2012	B	11:41	—	NA	—	NA	—
July 17, 2012	A	11:57	7.87		26.12		7.78
July 17, 2012	B	11:57	—	NA	—	NA	—
July 31, 2012	A	11:35	7.68		26.04		6.85
July 31, 2012	B	11:35	—	NA	—	NA	—
August 14, 2012	A	11:36	7.74		25.69		8.56
August 14, 2012	B	11:36	—	NA	—	NA	—
August 28, 2012	A	11:20	7.59		25.68		3.66
August 28, 2012	B	11:20	—	NA	—	NA	—
September 11, 2012	A	11:12	7.73		23.11		6.78
September 11, 2012	B	11:12	—	NA	—	NA	—
September 25, 2012	A	11:27	7.74		19.47		7.81

September 25, 2012	B	11:27	—	NA	—	NA	—
October 16, 2012	A	11:19	7.58		14.76		8.31
October 16, 2012	B	11:19	—	NA	—	NA	—
November 5, 2012		12:01	8.00	[redacted]	11.10		8.65
November 7, 2012		13:30	8.03	[redacted]	9.05		10.71
November 8, 2012		14:16	7.89	[redacted]	7.93		9.95
November 9, 2012		13:13	7.15	[redacted]	7.67		11.53
November 14, 2012		14:07	7.95	[redacted]	8.80		7.68
November 15, 2012		14:35	7.80	[redacted]	8.54		14.84
December 12, 2012	A	10:20	7.89		6.37		13.88
December 12, 2012	B	10:20	—	NA	—	NA	—
2013							
January 15, 2013	A	10:12	7.68	[redacted]	4.36		17.94
January 15, 2013	B	10:12	—	NA	—	NA	—
March 6, 2013	A	10:17	7.44	[redacted]	4.84		14.12
March 6, 2013	B	10:17	—	NA	—	NA	—
April 9, 2013	A	11:27	7.99	[redacted]	9.67		14.19
April 9, 2013	B	11:27	—	NA	—	NA	—
May 8, 2013	A	11:40	7.18	[redacted]	18.79		7.81
May 8, 2013	B	11:40	—	NA	—	NA	—
May 22, 2013	A	12:00	7.35	[redacted]	19.01		7.53
May 22, 2013	B	12:00	—	NA	—	NA	—
June 4, 2013	A	11:40	7.27	[redacted]	20.88		6.10
June 4, 2013	B	11:40	—	NA	—	NA	—
June 25, 2013	A	11:41	7.36	[redacted]	23.68		5.86
June 25, 2013	B	11:41	—	NA	—	NA	—
July 9, 2013	A	12:06	7.51	[redacted]	25.97		5.20
July 9, 2013	B	12:06	—	NA	—	NA	—
July 23, 2013	A	11:35	7.39	[redacted]	26.99		5.17
July 23, 2013	B	11:35	—	NA	—	NA	—
August 6, 2013	A	11:45	7.92	[redacted]	23.01		7.02
August 6, 2013	B	11:45	—	NA	—	NA	—
August 20, 2013	A	11:44	8.11	[redacted]	23.69		7.48
August 20, 2013	B	11:44	—	NA	—	NA	—
September 10, 2013	A	11:35	7.90	[redacted]	22.55		7.69
September 10, 2013	B	11:35	—	NA	—	NA	—
September 25, 2013	A	11:32	7.94	[redacted]	19.31		8.70
September 25, 2013	B	11:32	—	NA	—	NA	—
October 9, 2013	A	11:22	7.74	[redacted]	18.38		7.30
October 9, 2013	B	11:22	—	NA	—	NA	—
November 13, 2013	A	11:46	6.56	[redacted]	8.38		11.37
November 13, 2013	B	11:46	—	NA	—	NA	—
December 11, 2013		12:00	6.52	[redacted]	3.75		11.35
2014							
March 17, 2014	A	11:48	6.84		3.40		14.51
March 17, 2014	B	11:48	—	NA	—	NA	—
April 2, 2014	A	12:01	9.06		7.09		13.19
April 2, 2014	B	12:01	—	NA	—	NA	—
May 13, 2014	A	11:24	7.04		18.47		9.75
May 13, 2014	B	11:24	—	NA	—	NA	—

May 20, 2014	A	11:45	7.34		18.60		10.00
May 20, 2014	B	11:45	—	NA	—	NA	—
June 10, 2014	A	11:48	7.19		20.07		3.56
June 10, 2014	B	11:48	—	NA	—	NA	—
June 24, 2014	A	12:00	7.34		21.38		2.81
June 24, 2014	B	12:00	—	NA	—	NA	—
July 8, 2014	A	11:37	7.39		25.19		7.65
July 8, 2014	B	11:37	—	NA	—	NA	—
July 30, 2014	A	11:38	7.39		24.46		4.38
July 30, 2014	B	11:38	—	NA	—	NA	—
August 12, 2014	A	11:00	7.08		24.08		1.79
August 12, 2014	B	11:00	—	NA	—	NA	—
August 19, 2014	A	11:39	7.79		22.47		9.34
August 19, 2014	B	11:39	—	NA	—	NA	—
September 9, 2014	A	11:38	7.47		22.50		6.05
September 9, 2014	B	11:38	—	NA	—	NA	—
September 23, 2014	A	11:49	7.63		19.22		7.88
September 23, 2014	B	11:49	—	NA	—	NA	—
October 15, 2014	A	11:53	7.65		17.95		8.63
October 15, 2014	B	11:53	—	NA	—	NA	—
November 13, 2014	A	12:00	7.13		10.31		9.32
November 13, 2014	B	12:00	—	NA	—	NA	—
December 9, 2014	A	11:43	5.03		3.48		12.70
December 9, 2014	B	11:43	—	NA	—	NA	—

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	77.0	0.2	—	10
	98.4	0.2	—	14
[redacted]				
	95.0	0.3	—	9
	91.8	0.3	—	4
	75.0	—	—	3
	89.0	—	—	2
	95.4	0.3	—	8
	111.1	0.4	—	9
	76.1	0.3	—	7
	—	0.3	—	6
	51.0	—	—	6
	41.0	—	—	6
	—	—	—	8
	74.7	0.4	—	11
	87.1	0.1	—	14
	69.4	0.3	—	8
	77.1	0.2	—	9
	65.8	0.2	—	8
	73.3	0.2	—	10
	79.6	0.2	—	12
	109.0	0.23	—	8
[redacted]				
	117.0	0.19	—	6
	—	—	—	<1
	108.7	0.34	—	8
	92.5	0.3	—	5
	101.4	0.4	—	4
	—	0.3	—	8
	—	—	—	6
	100.1	0.28	—	3
	—	—	—	4
	—	—	—	5
	—	—	—	5
	—	—	—	12
	—	—	—	3
	—	—	—	2
	—	—	—	10
	—	—	—	5
	—	—	—	7
	74.8	0.17	—	12
	58.8	0.1	—	7
	92.9	0.15	—	6
	78.3	0.2	—	4
	67.6	0.2	—	6
[redacted]				

115.4	0.22	—	5
119.2	0.26	—	3
103.5	0.27	—	6
114.2	0.33	—	6
96.6	0.47	—	4
92.2	0.3	—	6
117.4	0.31	—	10
109.8	0.30	—	8
87.0	0.30	—	5
87.8	0.24	—	5
74.9	0.24	—	3
82.7	0.23	—	8
63.5	0.24	—	4
45.6	0.23	—	7
47.5	0.22	—	8
81.7	0.19	—	6
72.1	0.20	—	8
99.8	0.22	—	10
60.4	0.19	—	4
66.4	0.21	—	2
77.2	0.17	—	7
65.1	0.15	—	6
81.1	0.15	—	5
78.9	0.16	—	6
82.6	0.20	—	4
[redacted]			
109.2	0.19	—	7
90.3	0.18	—	5
103.7	0.20	—	8
103.1	0.25	—	5
125.3	0.29	—	8
104.1	0.35	—	8
110.3	0.20	—	4
91.0	0.19	—	8
—	—	—	8
80.0	0.22	—	4
71.3	0.22	—	10
110.2	0.22	—	12
106.5	0.18	—	8
71.3	0.19	—	10
—	—	—	13
64.5	0.20	—	14
—	—	—	14
73.8	0.17	—	8
—	—	—	8
88.2	0.20	—	10
—	—	—	6
90.8	0.22	—	14
—	—	—	14
72.3	0.26	—	7

	65.5		0.27	—	10	
	—		—	—	9	
	79.3		0.21	—	8	
	87.9		0.22	—	6	
	72.4		0.23	—	5	
	80.6		0.34	—	7	
[redacted]						
	82.5		0.31	—	6	
	109.0		0.32	—	4	
	128.4		0.28	—	12	
	102.2		0.28	—	8	
	—		—	—	8	
	72.3		0.31	—	4	
	—		—	—	4	
	66.8		0.28	—	6	
	72.2		0.26	—	9	
	—		—	—	13	
	23.6		0.18	—	4	
	72.4		0.22	—	9	
	—		—	—	8	
	66.2		0.22	—	8	
	—		—	—	11	
	63.3		0.21	—	7	
	—		—	—	6	
	12.5		0.24	—	8	
	—		—	—	8	
	46.9		0.18	—	7	
	—		—	—	8	
	67.9		0.19	—	14	
	94.0		0.20	—	14	
	—		—	—	14	
	97.3		0.22	—	12	
	—		—	—	16	
[redacted]						
	131.8		0.54	—	4	
	—		—	—	5	
	104.1		0.37	—	8	
NAPEFAI/EQF	—	NAPEFAI/EQF	0.3	—	4	J-QC/FFD/RPO
	—		—	—	6	J-QC/FFD/RPO
	65.8		0.3	—	4	
	53.4		0.3	—	6	
	—		—	—	4	
	112.1		0.24	—	8	
	—		—	—	10	
	41.9		0.24	—	4	J-QC/FFD/RPO
	—		—	—	2	J-QC/FFD/RPO
	36.4		0.25	—	3	J-QC/FFD/RPO
	—		—	—	8	J-QC/FFD/RPO
	12.4		0.23	—	4	J-QC/FFD/RPO
	—		—	—	6	J-QC/FFD/RPO

	30.7		0.28		—		5	J-QC/FFD/RPO
	—		—		—		8	J-QC/FFD/RPO
	68.6		0.26		—		6	
	—		—		—		6	
	80.0		0.23		—		8	J-QC/FLD/RPO
	—		—		—		8	J-QC/FLD/RPO
	101.2		0.23		—		12	
	—		—		—		12	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		6	J-QC/FFB
	—		—		—		6	J-QC/FFB
	103.4		0.23		—		1	J-QC/FFD/RPO
	—		—		—		12	J-QC/FFD/RPO
[redacted]								
	110.1		0.14		—	NA	11	
	113.5		0.42		—	NA	6	J-QC/FFB
NA	—	NA	—	NA	—	NA	6	J-QC/FFB
	115.3		0.22		—	NA	8	J-QC/FFD/RPO
	78.1		0.25		—	NA	<1	KJ-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	5	J-QC/FFD/FLDRPO
	91.6		0.25		—	NA	9	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	6	J-QC/FFD/RPO
	95.5		0.27		—	NA	8	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	11	J-QC/FFD/RPO
	87.8		0.20		—	NA	8	
NA	—	NA	—	NA	—	NA	10	
	57.8		0.17		—	NA	7	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	11	J-QC/FFD/RPO
	121.8		0.17		—	NA	10	
NA	—	NA	—	NA	—	NA	10	
	101.3		0.16		—	NA	10	J-QC/FFD/RPO
	68.7		0.16		—	NA	7	
NA	—	NA	—	NA	—	NA	6	
	94.3		0.17		—	NA	9	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	12	J-QC/FFD/RPO
	75.1		0.17		—	NA	12	
NA	—	NA	—	NA	—	NA	10	
	65.8		0.21		—	NA	10	
NA	—	NA	—	NA	—	NA	9	
	214.5		0.25		—	NA	16	
NA	—	NA	—	NA	—	NA	20	
	132.3		0.25		—	NA	18	
NA	—	NA	—	NA	—	NA	19	
[redacted]								
NAPEFAI/EQF	—	NAPEFAI/EQF	0.27		—	NA	6	
NA	—	NA	—	NA	—	NA	6	
	124.6		0.48		—	NA	10	
NA	—	NA	—	NA	—	NA	8	
	111.6		0.30		—	NA	3	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	5	J-QC/FFD/RPO
	118.2		0.25		—	NA	6	J-QC/FFB

NA	—	NA	—	NA	—	NA	6	J-QC/FFB
	89.8		0.25		—	NA	3	
NA	—	NA	—	NA	—	NA	4	
	59.8		0.23		—	NA	4	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	6	J-QC/FFD/RPO
	76.7		0.24		—	NA	8	
NA	—	NA	—	NA	—	NA	8	
	39.7		0.26		—	NA	6	
NA	—	NA	—	NA	—	NA	4	
	53.6		0.21		—	NA	2	
	104.9		0.19		—	NA	6	
NA	—	NA	—	NA	—	NA	8	
	42.0		0.20		—	NA	7	
NA	—	NA	—	NA	—	NA	8	
	76.6		0.12		—	NA	2	
NA	—	NA	—	NA	—	NA	2	
	74.2		0.17		—	NA	2	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	57.6		0.20		—	NA	8	
NA	—	NA	—	NA	—	NA	7	
	78.2		0.22		—	NA	6	
NA	—	NA	—	NA	—	NA	5	
	71.2		0.23		—	NA	8	J-QC/FFD/RPO
[redacted]								
	94.4		0.21		—	NA	6	
NA	—	NA	—	NA	—	NA	8	
	103.3		0.26		—	NA	8	J-QC/FFD/RPO
	97.6		0.29		—	NA	6	
NA	—	NA	—	NA	—	NA	8	
	123.4		0.22		—	NA	6	
NA	—	NA	—	NA	—	NA	4	
	89.9		0.24		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	12	J-QC/FFD/RPO
	80.6		0.27		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
	113.0		0.25		—	NA	8	
NA	—	NA	—	NA	—	NA	8	
	33.7		0.28		—	NA	6	
NA	—	NA	—	NA	—	NA	6	
	96.2		0.19		—	NA	9	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	7	J-QC/FLD/RPO
	84.5		0.19		—	NA	10	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	7	J-QC/FFD/RPO
	103.7		0.19		—	NA	8	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	10	J-QC/FLD/RPO
	44.5		0.16		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	8	J-QC/FFD/RPO
	79.2		0.15		—	NA	16	
NA	—	NA	—	NA	—	NA	17	
	85.0		0.20		—	NA	10	J-QC/FLD/RPO

NA	—	NA	—	NA	—	NA	9	J-QC/FLD/RPO
	82.6		0.21		—	NA	10	
NA	—	NA	—	NA	—	NA	9	
[redacted]	78.8	[redacted]	0.21		—	NA	—	NA
	93.0		0.21		—	NA	—	NA
	84.2		0.23		—	NA	—	NA
	96.6		0.22		—	NA	—	NA
	66.1		0.23		—	NA	—	NA
	127.1		0.23		—	NA	—	NA
	112.7		0.28		—	NA	10	J-QC/FFB
NA	—	NA	—	NA	—	NA	10	J-QC/FFB
[redacted]								
	92.2		0.35		—	NA	11	J-QC/FFB/FLDRPO
NA	—	NA	—	NA	—	NA	12	J-QC/FFB
[redacted]	110.5	[redacted]	0.43		—	NA	9	J-QC/FFB
NA	—	NA	—	NA	—	NA	9	J-QC/FFB
[redacted]	124.9	[redacted]	0.40		—	NA	7	[redacted]
NA	—	NA	—	NA	—	NA	8	
[redacted]	84.2	[redacted]	0.41		—	NA	5	
NA	—	NA	—	NA	—	NA	6	[redacted]
[redacted]	81.3	[redacted]	0.27		—	NA	12	
NA	—	NA	—	NA	—	NA	10	
[redacted]	68.4	[redacted]	0.28		—	NA	6	
NA	—	NA	—	NA	—	NA	6	
[redacted]	69.8	[redacted]	0.25		—	NA	6	
NA	—	NA	—	NA	—	NA	6	
[redacted]	64.1	[redacted]	0.22		—	NA	8	
NA	—	NA	—	NA	—	NA	8	
[redacted]	65.0	[redacted]	0.21		—	NA	6	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/FLDRPO
[redacted]	81.9	[redacted]	0.19		—	NA	8	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/FLDRPO
[redacted]	88.5	[redacted]	0.18		—	NA	8	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	8	J-QC/FLD/RPO
[redacted]	89.0	[redacted]	0.19		—	NA	9	J-QC/FFB
NA	—	NA	—	NA	—	NA	10	J-QC/FFB
[redacted]	94.5	[redacted]	0.17		—	NA	14	[redacted]
NA	—	NA	—	NA	—	NA	14	
[redacted]	77.8	[redacted]	0.17		—	NA	10	
NA	—	NA	—	NA	—	NA	11	
[redacted]	97.0	[redacted]	0.16		—	NA	11	
NA	—	NA	—	NA	—	NA	10	
[redacted]	86.1	[redacted]	0.21		—	NA	4	J-QC/FFB
[redacted]								
	109.4		0.59		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	18	J-QC/FFD/RPO
	109.2		0.41		—	NA	6	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	6	J-QC/FLD/RPO
	104.4		0.25		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO

	107.2		0.26		—	NA	4	
NA	—	NA	—	NA	—	NA	2	
	39.3		0.30		—	NA	10	
NA	—	NA	—	NA	—	NA	11	
	31.9		0.27		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	93.1		0.27		—	NA	6	
NA	—	NA	—	NA	—	NA	7	
	52.4		0.29		—	NA	4	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	7	J-QC/FFD/RPO
	21.3		0.24		—	NA	9	J-QC
NA	—	NA	—	NA	—	NA	8	J-QC
	110.2		0.22		—	NA	8	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	9	J-QC/FLD/RPO
	70.0		0.29		—	NA	9	
NA	—	NA	—	NA	—	NA	7	
	85.4		0.19		—	NA	9	
NA	—	NA	—	NA	—	NA	9	
	91.0		0.19		—	NA	1	
NA	—	NA	—	NA	—	NA	1	
	83.3		0.23		—	NA	5	
NA	—	NA	—	NA	—	NA	6	
	95.6		0.27		—	NA	8	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	12	J-QC/FFD/FLDRPO

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.38	<2	<0.09	0.016
1.52	4	0.11	0.017
[redacted]			
0.75	<2	<0.09	0.016
1.11	9	<0.19	0.015
0.72	7	<0.19	0.012
0.03	<2	<0.19	0.014
0.79	2	<0.19	0.010
1.20	2	<0.19	0.013
0.09	2	<0.19	0.016
0.93	2	—	—
0.92	3	<0.19	0.027
0.71	<2	<0.19	0.025
3.97	3	<0.19	0.020
1.71	2	<0.19	0.025
1.14	<2	<0.19	0.038
1.65	<2	<0.19	0.031
1.22	<2	<0.19	0.023
0.71	<2	<0.19	0.009
1.30	3	<0.19	0.016
1.94	<2	<0.19	0.016
0.66	<2	<0.19	0.014
[redacted]			
0.72	5	<0.19	0.015
0.88	<2	<0.19	0.014
0.85	<2	<0.19	0.015
0.82	<2	<0.19	0.020
0.87	<2	<0.19	0.012
0.74	<2	<0.19	0.020
0.69	<2	<0.19	0.014
0.73	<2	1.60	0.029
1.23	<2	<0.27	0.018
0.99	5	<0.27	0.018
1.05	4	—	—
1.53	4	<0.27	0.010
0.61	4	<0.27	0.013
1.62	3	<0.27	0.009
1.30	<2	<0.27	<0.010
1.20	5	<0.27	0.016
1.28	<2	—	0.018
1.06	<2	<0.27	0.020
1.02	<2	0.34	0.020
1.03	3	<0.27	0.021
<1.00	<2	<0.27	0.020
<1.00	—	<0.27	0.020
[redacted]			

0.88	4	<0.27	0.01
0.89	5	<0.27	0.013
1.09	3	<0.27	0.012
0.89	<2	<0.27	0.014
<1.00	<2	<0.27	0.011
1.42	<2	<0.27	0.014
<1.00	5	<0.27	0.014
<1.00	3	<0.295	0.019
1.34	<2	<0.295	0.015
1.40	—	<0.295	0.017
1.16	4	<0.295	0.014
1.48	<2	<0.295	0.026
1.06	<2	<0.295	0.023
0.51	—	<0.295	0.015
2.10	4	1.24	0.230
1.75	<2	<0.295	0.009
2.03	2	<0.295	0.013
0.58	<2	<0.295	—
1.19	—	<0.295	0.025
1.01	<2	<0.295	0.016
0.81	<2	<0.295	0.018
1.04	<2	<0.295	0.011
0.93	5	—	0.014
0.99	<2	<0.295	0.023
0.91	<2	<0.295	0.013
[redacted]			
1.11	<2	<0.295	0.020
0.58	<2	<0.295	0.019
0.57	<2	<0.295	0.009
0.69	—	<0.295	0.014
0.65	<2	<0.039	0.015
0.71	<2	<0.039	0.009
0.54	—	<0.039	0.008
0.79	<2	0.190	0.021
0.70	<2	0.176	0.022
0.44	<2	0.116	0.016
0.88	5	0.143	0.046
0.67	3	0.134	0.022
0.81	<2	<0.039	0.008
0.97	<2	<0.039	0.007
0.92	<2	<0.039	0.007
<0.30	4	0.088	0.010
<0.30	4	0.073	0.010
0.76	<2	0.047	0.010
0.76	<2	0.031	0.009
1.38	<2	0.213	0.016
1.46	<2	0.224	0.015
0.92	<2	0.094	0.020
0.95	<2	0.109	0.022
1.73	<2	0.129	0.023

1.15		2		0.231		0.025
1.16		2		0.214		0.031
1.02		<2		0.553		0.021
0.79		<2		0.171		0.013
0.91		<2		0.056		0.013
0.80		<2		0.181		0.012
[redacted]						
0.68		<2		0.090		0.011
1.79		<2		0.026	J-R	0.012
1.84		<2		0.030		0.013
1.00		<2		0.043		0.013
0.95		<2		0.043		0.015
1.06		<2		0.140		0.015
1.08		<2		0.153		0.015
0.56		<2		0.085		0.013
1.23		<2		<0.017		0.017
1.34		<2		<0.017		0.015
1.27		<2		0.338		0.017
1.08		<2		0.113		0.012
1.18		<2		—		0.011
1.15		<2		0.095		0.014
1.08		<2		0.108		0.013
0.95		3		0.235		0.014
1.98		<2		0.226		0.007
1.95		3		0.361		0.017
1.82		3		0.366		0.018
1.09		<2		0.176		0.024
1.08		<2		0.167		0.022
1.50		3		0.153		0.011
1.18		<2		0.216		0.013
1.24		—		0.201		—
1.01		3		0.078		0.014
0.97		4		0.064		0.011
[redacted]						
1.02	BJ-QCJ-HT/FBK/FFBFLSEHT	3		0.132		0.012
1.01	BJ-QCJ-HT/FBK/FFBFLSEHT	3		0.138		0.012
1.21	BJ-QC/FBK/FFB	<2	K	0.026	J-R	0.011
1.79	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	<0.018	K	0.010
1.58	BJ-QC/FBK/FFBFLS	3	J-QC/FFD/RPOFLS	<0.018	K	0.010
1.33	BJ-QC/FBK/FFBFLS	2		0.037		0.018
2.10	J-QC/FFB	3	J-QC/FFB	0.136		0.014
1.93	J-QC/FFB	3	J-QC/FFB	0.110		0.013
1.31	J-QC/FLS	4	J-QC/FLS	0.063	J-QC/FFD/RPO	0.012
1.44	J-QC/FLS	4	J-QC/FLS	0.042	J-QC/FFD/RPO	0.011
1.20	BJ-QC/FBK/FFB	<2	K	0.381		0.019
1.26	BJ-QC/FBK/FFB	<2	K	0.397		0.019
1.39	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	0.290		0.026
1.37	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	0.305		0.021
1.68	J-QC/FLS	<2	K	0.524		0.019
1.69	J-QC/FLS	<2	K	0.514		0.018

2.00	BJ-QC/FBK/FFBFLS	2	J-QC/FFD/RPO	0.509		0.011
2.00	BJ-QC/FBK/FFBFLS	3	J-QC/FFD/RPO	0.498		0.013
2.24	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FLS	0.117		0.009
2.42	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FLS	0.117		0.009
1.70	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.107		0.013
1.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.092		0.013
1.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.018	K	0.011
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.018	K	0.014
1.38	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.122		0.016
1.37	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.112		0.018
1.81	BJ-QC/FBK/FFB	2	J-QC/FFD/RPO	0.066		0.010
1.65	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	0.061		0.010
[redacted]						
1.52	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.010
1.07	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.035		0.0083
1.02	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.035		0.0080
1.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	KJ-QC/FMS	0.0093
1.64	BJ-QC/FBK/FFB	<2	K	0.196		0.0138
1.91	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.201		0.0129
1.98	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0175	KJ-QC/FFD/RPO	0.0142
1.99	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.020	J-RJ-QC/FFD/RPO	0.0143
2.37	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	KJ-QC/FFD/RPOFMS	0.0176
2.00	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.025	J-RJ-QC/FFD/RPOFMS	0.0171
1.79	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	<0.0175	K	0.0050
1.82	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	<0.0175	K	0.0059
1.87	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.035		0.0050
2.66	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.045		0.0049
2.38	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.080		0.0086
2.51	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.070		0.0085
1.74	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	<0.0175	K	0.0057
1.66	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.121		0.0087
1.58	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.110		0.0079
1.96	BJ-QC/FBK/FFBFLS	<2	K	0.204		0.0088
1.98	BJ-QC/FBK/FFBFLS	<2	K	0.199		0.0092
1.87	BJ-QC/FBK/FFBFLS	<2	K	0.073		0.0102
1.48	BJ-QC/FBK/FFBFLS	<2	K	0.058		0.0103
1.71	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFB	0.110		0.0161
1.81	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFB	0.094		0.0167
2.13	BJ-QC/FBK/FFBFLSEHT	3		0.045		0.0099
2.25	BJ-QC/FBK/FFBFLSEHT	3		0.060		0.0092
2.00	BJ-QC/FBK/FFB	3		0.025	J-RJ-QC/FFD/RPO	0.0101
2.19	BJ-QC/FBK/FFB	3		<0.0175	KJ-QC/FFD/RPO	0.0104
[redacted]						
1.38	BJ-QC/FBK/FFBFLS	3		<0.0175	K	0.0063
1.55	BJ-QC/FBK/FFBFLS	3		<0.0175	K	0.0048
1.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.215		0.0188
1.64	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.199		0.0119
1.34	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.099		<0.0014
1.39	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.094		0.0107
1.97	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.060		0.0063

1.99	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.049	J-R	0.0062
1.33	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFD/RPOFLS	0.147		0.0142
0.67	BJ-QC/FBK/FFBFFDRPOFLS	2	J-QC/FFD/RPOFLS	—	NAPQNS	0.0146
1.39	BJ-QC/FBK/FFB	<2	K	0.109		0.0189
1.48	BJ-QC/FBK/FFB	<2	K	0.093		0.0175
1.71	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FFD/RPO	0.169		0.0113
0.97	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFD/RPO	0.147		0.0109
1.99	BJ-QC/FBK/FFBFLS	<2	K	0.362		0.0207
1.99	BJ-QC/FBK/FFBFLS	<2	K	0.378		0.0205
1.47	BJ-QC/FBK/FFB	3	J-QC/FLS	0.076		0.0108
1.66	BJ-QC/FBK/FFBFLS	<2	K	0.294		0.0354
1.91	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.348		0.0351
1.68	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.103		0.0188
1.80	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.098		0.0191
1.66	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.082		0.0212
1.66	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.093		0.0178
1.47	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.283		0.0236
1.60	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.283		0.0234
2.61	BJ-QC/FBK/FFBFLS	<2	K	0.231		0.0240
2.72	BJ-QC/FBK/FFBFLS	<2	K	0.237		0.0250
3.64	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.093	J-QC/FFB	0.0214
2.73	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.082	J-QC/FFB	0.0208
1.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.129	J-QC/FMS	0.0243
[redacted]						
1.79	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FLS	0.467		0.0226
1.66	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FLS	0.467		0.0184
1.54	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.164		0.0109
1.83	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.101	J-QC/FSL/FMS	0.0105
1.75	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.083	J-QC/FSL/FMS	0.00980
1.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	K	0.0184
1.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	K	0.0102
1.74	BJ-QC/FBK/FFBFLS	4		0.246		0.0193
1.68	BJ-QC/FBK/FFBFLS	4		0.267		0.0175
1.25	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.068	J-RJ-QC/FMS	0.0178
1.82	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.052	J-RJ-QC/FMS	0.0174
2.00	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.042	J-RJ-QC/FFD/RPOFMS	0.0299
1.10	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.058	J-RJ-QC/FFD/RPOFMS	0.0219
1.56	BJ-QC/FBK/FFBFLS	<2	K	0.235		0.0183
1.49	BJ-QC/FBK/FFBFLS	<2	K	0.241		0.0170
1.54	BJ-QC/FBK/FFBFLS	<2	K	0.090		0.0098
1.91	BJ-QC/FBK/FFBFLS	<2	K	0.079		0.0091
1.66	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FFD/RPO	<0.0378	KJ-QC/FMS	0.0074
2.21	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FFD/RPO	<0.0378	KJ-QC/FMS	0.0069
1.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.053	J-R	0.0071
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.058	J-R	0.0067
1.76	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.058	J-RJ-QC/FMS	0.0098
2.00	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.069	J-RJ-QC/FMS	0.0098
1.94	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	<0.0378	KJ-QC/FSL	0.0100
2.00	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	<0.0378	KJ-QC/FSL	0.0097
1.81	BJ-QC/FBK/FFBFLS	<2	K	0.063	J-RJ-QC/FMS	0.0130

1.77	BJ-QC/FBK/FFBFLS	<2	K	0.074	J-RJ-QC/FMS	0.0129
1.95	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.095		0.0175
1.77	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.084		0.0168
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	4	J-QCJ-HT/FLS/EHT	0.052	J-R	0.0121
—	NA	3	J-QCJ-HT/FLS/EHT	0.068	J-R	0.0137
[redacted]						
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.130	J/LLS	0.0151
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.146	J/LLS	0.0129
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0115
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0113
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0135
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0137
—	NA	<2	KJ-QC/FMS	0.227	J-QC/LLS/FMS	0.0114
—	NA	<2	KJ-QC/FMS	0.210	J-QC/LLS/FMS	0.0129
1.97	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.045	J-QC/LLS/FFDRPOFSL	0.0137
1.76	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.028	J-RJ-QC/LLS/FFDRPOFSL	0.0126
1.68	BJ-QC/FBK/FLS	<2	KJ-QC/FMS	0.165	J-QC/LLS/FSLFMS	0.0204
1.57	BJ-QC/FBK/FLS	<2	KJ-QC/FMS	0.142	J-QC/LLS/FSLFMS	0.0276
1.99	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.074	J/LLS	0.0238
9.71	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.074	J/LLS	0.0235
1.99	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	KJ-QC/FSL	0.0158
1.82	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	KJ-QC/FSL	0.0156
1.60	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FMS	<0.0911	K	0.0088
1.47	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FMS	<0.0911	K	0.0078
1.59	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0061
1.57	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0075
1.85	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	<0.0911	K	0.0057
1.72	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	<0.0911	K	0.0052
1.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0091
1.75	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0095
1.34	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FFD/RPO	<0.0911	K	0.0079
1.33	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FFD/RPO	<0.0911	K	0.0079
1.76	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0181
1.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0184
1.84	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.103	J-R/LLS	0.0126
1.92	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.136	J-R/LLS	0.0100
1.59	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	<0.0911	K	0.0128
[redacted]						
1.73	BJ-QC/FBK/FFBFMS	<2	K	0.403	J-QC/FFB	0.0241
1.79	BJ-QC/FBK/FFBFMS	<2	K	0.438	J-QC/FFB	0.0163
1.86	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	K	0.0141
1.82	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	K	0.0124
1.53	BJ-QC/FBK/FFBFLDRPO	3		0.415		0.0122
1.51	BJ-QC/FBK/FFBFLDRPO	3		0.398	J/LLS	0.0112

1.23	BJ-QC/FBK/FFBFFDRPO	<2	K	0.085	J/LLS	0.0210
1.79	BJ-QC/FBK/FFBFFDRPO	<2	K	0.068	J/LLS	0.0164
1.93	BJ-QC/FBK/FFBFLDRPOFMS	3		0.170	J/LLS	0.0230
2.15	BJ-QC/FBK/FFBFLDRPOFMS	3		0.182	J/LLS	0.0213
1.98	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.474		0.0208
1.97	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.463		0.0182
1.94	BJ-QC/FBK/FFB	3		0.178	J/LLS	0.0177
1.96	BJ-QC/FBK/FFBFMS	3		0.128	J/LLS	0.0137
1.78	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.061	J-QC/LLS/FSLFMS	0.0086
1.98	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.067	J-QC/LLS/FSLFMS	0.0079
1.95	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC/FLS	<0.0267	KJ-QC/FLD/RPOFSLFMS	0.0076
1.95	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC/FLS	<0.0267	KJ-QC/FLD/RPOFSLFMS	0.0078
1.94	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0081
1.88	BJ-QCJ-HT/FBK/FFBFMS	3	J-QC/FLS	<0.0267	K	0.0074
1.93	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FMS	0.0081
1.82	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FMS	0.0075
1.92	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.277	J/LLS	0.0107
1.86	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.294	J/LLS	0.0083
1.89	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.164	J-QC/LLS/FFB	0.0145
1.83	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.238	J-QC/LLS/FFB	0.0127
1.27	BJ-QC/FBK/FFBFMS	<2	K	0.047	J-R/LLS	0.0082
1.28	BJ-QC/FBK/FFBFMS	<2	K	0.030	J-R/LLS	0.0083
1.66	BJ-QC/FBK/FFBFLDRPOFMS	3		0.165	J/LLS	0.0105
1.54	BJ-QC/FBK/FFBFLDRPOFMS	3		0.154	J/LLS	0.0100

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	0.50	0.098	0.06	6.23
	0.69	0.125	0.09	8.44
[redacted]				
	0.99	0.151	0.08	7.24
	1.29	0.063	0.02	12.0
	1.34	0.559	0.15	17.1
	0.90	0.032	0.03	10.1
	1.00	0.040	0.04	24.2
	0.62	0.122	0.05	20.3
	0.44	0.036	0.03	14.7
	—	—	0.07	6.1
	0.30	0.090	0.04	9.5
	0.23	0.877	0.04	6.7
	0.24	0.196	0.07	28.38
	0.30	0.100	0.05	20.45
	0.59	0.085	0.07	17.85
	0.45	0.080	0.07	18.26
	0.61	0.077	0.33	8.35
	0.57	0.066	0.02	3.06
	0.52	0.064	0.01	31.64
	0.49	0.094	0.07	12.35
	0.75	0.071	0.06	18.18
[redacted]				
	—	0.025	0.03	17.53
	1.12	0.036	0.02	8.72
	1.12	0.034	0.03	12.50
	0.87	0.039	0.03	11.74
	1.12	0.110	0.03	9.99
	0.73	0.058	0.07	33.11
	0.54	0.062	0.03	26.56
	0.60	0.271	0.04	15.81
	0.51	0.117	0.02	—
	0.40	0.043	0.04	—
	—	—	0.09	—
	0.33	0.100	0.03	—
	0.27	0.096	0.08	—
	0.65	0.116	0.12	—
	0.36	0.107	0.06	—
	0.33	0.094	0.11	—
	0.41	0.080	0.03	—
	0.78	0.090	0.09	—
	0.88	0.094	0.10	—
	0.99	0.060	0.04	—
	0.96	0.080	0.24	—
	0.78	0.090	0.05	—
[redacted]				

1.26	0.07	0.06	—
1.20	0.06	0.03	—
0.90	0.052	0.04	—
1.04	0.054	<0.01	—
0.91	0.047	0.02	—
0.70	0.103	0.04	—
0.43	0.067	0.30	—
0.68	0.072	0.05	—
0.48	0.051	0.03	—
0.36	0.050	—	—
0.68	0.062	0.05	—
0.37	0.070	0.04	—
0.47	0.101	0.09	—
0.34	0.108	—	—
0.36	0.109	0.06	—
0.28	0.097	0.06	—
0.30	0.082	<0.01	—
0.30	0.121	0.06	—
0.24	0.075	0.06	—
0.21	0.075	0.04	—
0.47	0.083	0.06	—
0.66	0.088	0.06	—
0.55	0.086	0.05	—
0.53	0.080	0.07	—
0.88	—	0.06	—
[redacted]			
0.790	0.076	0.01	24.2
0.701	0.078	0.04	18.0
1.17	0.054	<0.01	21.5
1.27	0.067	0.03	14.1
0.601	0.058	0.05	17.4
0.755	0.035	0.02	24.2
0.441	0.093	0.03	87.8
0.335	0.056	0.09	23.5
0.325	0.050	0.04	26.3
0.464	0.072	0.03	6.2
0.351	0.139	0.06	12.9
0.231	0.473	0.07	22.6
0.560	0.083	0.04	11.6
0.146	0.131	0.05	19.5
0.154	0.121	0.05	11.4
0.290	0.117	0.03	6.7
0.293	0.123	0.03	6.5
0.435	0.092	0.03	8.2
0.436	0.100	0.03	7.1
0.931	0.241	0.05	6.0
0.889	0.243	0.05	6.2
0.897	0.09	0.06	9.8
0.918	0.07	0.07	10.0
1.05	0.12	0.06	6.1

	0.855		0.11		0.10		5.1
	0.861		0.09		0.10		5.3
	0.656		0.11		0.06		<3.0
	0.822		0.10		0.06		<3.0
	0.890		0.02		0.06		<3.0
	0.971		0.25		0.05		<3.0
[redacted]							
	1.37		0.05		0.01		14.0
	0.614		0.03		0.03		2.2
	1.16		0.04		0.29		12.8
	0.472		0.02		0.02		10.2
	0.412		0.02		<0.01		10.5
	0.365		0.07		0.04		4.0
	0.379		0.05		0.03		5.2
J-R	0.202		0.06		0.03		5.1
	0.292		0.01		0.04		5.1
	0.313		0.12		0.03		5.0
	0.355		0.17		0.12		9.6
J-R	1.81		0.07		0.06		70.9
J-R	1.81		0.06		0.04		64.1
	1.77		0.05		0.04		25.7
J-R	1.77		0.06		0.04		22.9
	0.361		0.39		0.03		85.0
J-R	0.357		0.08		0.04		90.4
	0.374		0.21		0.06		4.9
	0.366		0.09		0.02		4.8
	0.656		0.10		0.05		10.7
	0.666		0.07		0.05		10.8
J-R	2.65		0.09		0.05		4.6
J-R	1.06		0.10		0.05		4.0
	—		0.08		0.05		4.0
	0.376		0.08		0.05		<2.4
J-R	0.322		0.09		0.04		<2.4
[redacted]							
J-QC/FFB	1.53		<0.05	K	<0.05	K	5.5
J-QC/FFB	1.53		<0.05	K	<0.05	K	5.6
	0.263	J-QC/FFB	0.06		0.05		—
	0.439		0.05	J-QC/FFD/RPO	<0.05	K	6.3
	0.354		<0.05	KJ-QC/FFD/RPO	<0.05	K	5.8
J-QC/FFB	1.62		0.07		<0.05	K	<2.4
	0.300		0.05		0.06	J-QC/FFD/RPO	1.2
	0.299		0.06		<0.05	KJ-QC/FFD/RPO	1.2
	0.590		0.09		<0.05	KJ-QC/FFD/RPO	25.6
	0.595		0.07		0.05	J-QC/FFD/RPO	25.0
J-HT/EHT	0.328	J-QC/FFB	0.08		0.08		4.2
J-HT/EHT	0.262	J-QC/FFB	0.08		0.06		3.8
	0.770	J-QC/FFB	0.06		<0.05	K	7.6
	0.769	J-QC/FFB	0.06		<0.05	K	7.4
	0.337		0.13		0.13		4.5
	0.337		0.11		0.11		6.7

	0.473		0.22	J-QC/FFB/FFDRPO	0.08		7.4
	0.475		<0.05	KJ-QC/FFB/FFDRPO	0.08		10.2
	0.321		0.08	J-QC/FFD/RPO	<0.05	K	7.1
	0.321		<0.05	KJ-QC/FFD/RPO	<0.05	K	7.5
	0.299		0.08		0.10	J-MIJ-QC/FFD/RPO	32.6
	0.291		0.07		0.05	J-QC/FFD/RPO	31.8
	0.263	J-QC/FFD/RPO	<0.05	K	<0.05	K	55.0
	0.601	J-QC/FFD/RPO	<0.05	K	<0.05	K	49.6
J-QC/FFB	0.390		<0.05	K	<0.05	K	20.5
J-QC/FFB	0.317		<0.05	K	<0.05	K	21.3
J-QC/FFB	0.482		<0.05	K	<0.05	K	8.7
J-QC/FFB	0.429		<0.05	K	<0.05	K	8.8
[redacted]							
	0.583		0.05	J-QC/FLD/RPO	<0.05	K	6.9
J-R	0.484		0.05	J-QC/FFD/RPO	<0.05	K	14.5
J-R	0.416		0.09	J-QC/FFD/RPO	<0.05	K	14.3
J-R	0.535		<0.05	K	<0.05	K	14.1
	0.425	J-QC/FFD/RPO	0.05	J-QC/FFD/RPO	<0.05	K	4.1
	0.992	J-QC/FFD/RPO	<0.05	KJ-QC/FFD/RPO	<0.05	K	4.1
	0.330	J-QC/FFD/RPO	0.07	J-QC/FFB/FFDRPO	<0.05	K	10.5
	0.238	J-QC/FFD/RPO	0.05	J-QC/FFB/FFDRPO	<0.05	K	12.5
	0.353		0.06	J-QC/FFD/RPO	<0.05	KJ-QC/FLS	20.0
	0.303		<0.05	KJ-QC/FFD/RPO	<0.05	KJ-QC/FLS	19.9
J-R	0.106		0.07		<0.05	K	23.0
J-R	0.108		0.08		<0.05	K	20.8
J-R	0.766	J-QC/FFD/RPO	0.16	J-QC/FFB/FFDRPO	<0.05	K	19.5
J-R	1.30	J-QC/FFD/RPO	0.10	J-QC/FFB/FFDRPO	<0.05	K	23.5
J-R	—	NAPQNS	0.11		0.05		39.8
J-R	—	NAPQNS	0.10		0.05		42.8
J-R	0.071		0.10		0.06		23.3
J-R	0.108		0.08		<0.05	K	—
J-R	0.109		0.07		<0.05	K	168.8
J-R	0.137		0.10		0.06		12.0
J-R	0.161		0.08		0.05		18.7
J-R	0.249		0.08	J-QC/FLS	<0.05	K	17.0
J-R	0.310		0.06	J-QC/FLS	<0.05	K	15.1
	0.413		0.13		0.07		16.3
	0.386		0.13		0.08		16.7
J-R	0.741		0.06	J-QC/FFD/RPO	<0.05	K	14.2
J-R	0.709		<0.05	KJ-QC/FFD/RPO	<0.05	K	14.9
J-R	0.323		0.06	J-QC/FFD/RPO	<0.05	K	15.4
J-R	0.306		<0.05	KJ-QC/FFD/RPO	<0.05	K	25.4
[redacted]							
J-R	0.4460	J-QC/FLS	0.05	J-QC/FFD/RPO	<0.02		15.0
J-R	0.4330	J-QC/FLS	<0.02	KJ-QC/FFD/RPO	<0.02		19.8
J-QC/FFD/RPO	1.9565	J-QC/FFD/RPO	0.04	J-R	0.04	J-R	11.6
J-QC/FFD/RPO	1.2016	J-QC/FFD/RPO	0.04	J-R	0.03	J-R	7.0
KJ-QC/FFB/FFDRPO	0.6623		0.03	J-R	<0.02	K	10.7
J-QC/FFB/FFDRPO	0.6747		0.04	J-R	<0.02	K	11.2
	0.3261	J-QC/FFD/RPO	0.07	J-QC/FFD/RPO	<0.02	K	4.7

	0.5701	J-QC/FFD/RPO	<0.02	KJ-QC/FFD/RPO	<0.02	K	4.0
	0.3960		0.05	J-QC/FFD/RPO	0.04	J-R	2.3
	0.3860		0.07	J-QC/FFD/RPO	0.04	J-R	1.7
	0.3268		0.07		0.03	J-R	5.29
	0.2611		0.07		0.03	J-R	5.06
	0.1658		0.04	J-RJ-QC/FFD/RPOFLS	0.04	J-R	15.4
	0.1475		0.02	J-RJ-QC/FFD/RPOFLS	0.03	J-R	15.8
J-QC/FFB	0.1068		0.07		0.02	J-RJ-QC/FFD/RPO	5.5
J-QC/FFB	0.1014		0.06		<0.02	KJ-QC/FFD/RPO	4.5
J-QC/FFB	0.2168	J-QC/FLS	0.06		0.02	J-R	14.6
	0.2060	J-QC/FFB/FFDRPO	0.06		<0.02	KJ-QC/FFD/RPO	15.0
	0.4214	J-QC/FFB/FFDRPO	0.07		0.02	J-RJ-QC/FFD/RPO	14.4
	0.1438		0.04	J-R	0.02	J-R	12.1
	0.1372		0.03	J-R	0.02	J-R	16.1
	0.3890	J-QC/FLS	<0.02	KJ-QC/FLS	0.05	J-QC/FFD/RPO	13.8
	0.3515	J-QC/FLS	<0.02	KJ-QC/FLS	0.03	J-RJ-QC/FFD/RPO	13.8
J-QC/FFB	0.4522		0.06	J-QC/FFB/FLDRPO	0.02	J-R	3.84
J-QC/FFB	0.4155		0.05	J-QC/FFB/FLDRPO	0.02	J-R	4.47
	0.4044		0.04	J-RJ-QC/FFD/RPO	0.06		4.33
	0.4098		0.02	J-RJ-QC/FFD/RPO	0.05		4.63
J-QC/FFB	0.5872		0.04	J-R	0.03	J-R	18.7
J-QC/FFB	0.4398		0.04	J-R	0.03	J-R	18.3
J-QC/FFB	0.5431		0.07		0.05		21.1
J-QC/FFB	0.6839		0.05	J-QC/FFD/RPO	0.03	J-RJ-QC/FFD/RPO	16.8
J-QC/FFB	0.7052		0.03	J-RJ-QC/FFD/RPO	0.02	J-RJ-QC/FFD/RPO	17.5
	1.3153		0.06		0.03	J-R	55.6
J-QC/FFB	0.6101		0.05	J-QC/FFD/RPO	<0.01	K	14.2
J-QC/FFB	0.6937		<0.04	KJ-QC/FFD/RPO	<0.01	K	14.0
J-QC/FFB/FFDRPOFLS	0.3107	J-QC/FFB	0.06		<0.01	K	8.20
J-QC/FFB/FFDRPOFLS	0.3274	J-QC/FFB	0.05		<0.01	K	10.8
	0.5942		0.08	J-QC/FFD/RPO	<0.01	K	15.6
	0.5602		0.05	J-QC/FFD/RPO	<0.01	K	15.8
J-QC/FFB	0.5308		0.06	J-QC/FFD/RPO	0.03	J-RJ-QC/FFD/RPO	7.01
J-QC/FFB	0.4458		0.04	J-RJ-QC/FFD/RPO	<0.01	KJ-QC/FFD/RPO	8.38
J-QC/FFB/FFDRPO	0.2617		0.08	J-QC/FFD/RPO	<0.01	K	22.3
J-QC/FFB/FFDRPO	0.2840		0.05	J-QC/FFD/RPO	<0.01	K	24.1
	0.1514		0.11	J-QC/FFD/RPO	0.06	J-QC/FFB	5.74
	0.1915		0.06	J-QC/FFD/RPO	0.05	J-QC/FFB	5.06
	0.8072	J-QC/FFB	0.15	J-QC/FFB/FFDRPO	0.05	J-QC/FFB	46.8
	0.9915	J-QC/FFB	0.07	J-QC/FFB/FFDRPO	0.04	J-RJ-QC/FFB	40.2
	0.3265		0.13	J-QC/FFD/RPO	0.06	J-QC/FFB/FFDRPO	15.4
	0.3319		0.07	J-QC/FFD/RPO	0.04	J-RJ-QC/FFB/FFDRPO	8.62
J-QCJ-HT/FFB/EHT	0.0895	J-HT/EHT	0.12		0.05		24.4
J-QCJ-HT/FFB/EHT	0.0846	J-HT/EHT	0.09		0.04	J-R	21.4
	0.1423		0.08	J-QC/FFD/RPO	0.07		17.0
	0.1658		0.17	J-QC/FFD/RPO	0.08		22.9
J-QC/FFB	0.0626	J-QC/FFB	0.15	J-QC/FFD/RPO	0.06		16.3
J-QC/FFB	0.0713	J-QC/FFB	0.07	J-QC/FFD/RPO	0.06		25.2
J-QC/FFB	0.8546		0.12	J-QC/FFD/RPO	0.05		27.3

J-QC/FFB	0.7654		0.07	J-QC/FFD/RPO	0.04	J-R	16.1
J-QC/FFB	1.0710	J-HT/EHT	0.10	J-QC/FFD/RPO	0.07		5.93
J-QC/FFB	1.1221	J-HT/EHT	0.07	J-QC/FFD/RPO	0.06		7.15
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
NA	—	NA	—	NA	—	NA	—
J-QC/FFB	1.1324		0.12		0.07		2.46
J-QC/FFB	1.1352		0.11		0.06		20.8
[redacted]							
[redacted]	0.7008	J-QCJ-HT/EHT	0.13	J-QC/FFD/RPO	0.06	J-QC/FFD/RPO	11.0
	0.6983	J-QCJ-HT/EHT	0.08	J-QC/FFD/RPO	0.03	J-RJ-QC/FFD/RPO	8.83
	0.7481	J-QCJ-HT/FFB/EHT	0.07	J-QC/FFD/RPO	0.05	J-QC/FFD/RPO	7.96
	0.6881	J-QCJ-HT/FFB/EHT	0.04	J-RJ-QC/FFD/RPO	0.03	J-RJ-QC/FFD/RPO	11.9
	1.3950	[redacted]	0.06	J-QC/FFD/RPO	0.06	J-QC	14.2
	1.2500		0.04	J-RJ-QC/FFD/RPO	0.05	J-QC	10.1
J-HT/EHT	0.5088	J-HT/EHT	0.07	J-QC/FLD/RPOFMS	0.05	J-QC/FFD/RPO	7.04
J-HT/EHT	0.4794	J-HT/EHT	0.06	J-QC/FLD/RPOFMS	0.04	J-RJ-QC/FFD/RPO	4.95
J-QC/FFB	1.7732	J-QC/FFB	0.10	J-QC/FFD/FLDRPO	0.03	J-R	5.00
J-QC/FFB	1.7745	J-QC/FFB	0.04	J-RJ-QC/FFD/FLDRPO	0.02	J-R	2.94
[redacted]	0.4381	[redacted]	0.08	J-QC/FFD/RPO	0.04	J-R	6.18
	0.3574		<0.01	KJ-QC/FFD/RPO	0.03	J-R	3.66
	0.3751	J-QC/FFD/RPO	0.09	J-QC/FFD/FLDRPO	0.06	J-QC/FFD/FLDRPO	1.55
	0.6273	J-QC/FFD/RPO	0.06	J-QC/FFD/FLDRPO	0.04	J-RJ-QC/FFD/FLDRPO	1.76
	0.5496	[redacted]	0.10		0.04	J-R	1.97
[redacted]	0.5086		0.08		0.04	J-R	4.31
J/LLS	0.2954		0.07		0.04	J-R	11.7
J/LLS	0.2967		0.06		0.03	J-R	19.5
J/LLS	0.3040	J-QC/FFB	0.07	J-QC/FFD/RPO	<0.003	K	15.2
J/LLS	0.3416	J-QC/FFB	0.05	J-QC/FFD/RPO	<0.003	K	11.4
J/LLS	0.1132	J-QCJ-HT/FFB/EHT	0.07		0.05	J-QC/FFD/RPO	18.8
J/LLS	0.1268	J-QCJ-HT/FFB/EHT	0.06		<0.003	KJ-QC/FFD/RPO	17.5
J/LLS	0.1350	[redacted]	0.08		0.05	J-QC/FFD/RPO	21.3
J/LLS	0.1372		0.07		<0.003	KJ-QC/FFD/RPO	29.1
J-QC/LLS/FFB	0.2198	J-QCJ-HT/FLS/EHT	0.07	J-QC/FFD/RPO	<0.003	K	12.7
J-QC/LLS/FFB	0.2246	J-QCJ-HT/FLS/EHT	<0.01	KJ-QC/FFD/RPO	<0.003	K	12.3
J-QC/FFB	0.2727	J-QCJ-HT/FLS/EHT	0.09	J-QC	0.07	J-QC/FFD/RPO	10.5
J-QC/FFB	0.2574	J-QCJ-HT/FLS/EHT	0.10	J-QC	0.04	J-RJ-QC/FFD/RPO	9.98
J-QC/FFB	0.3705	J-QC/FFB/FLS	0.11	J-QC/FFD/RPO	0.05	J-QC/FFD/RPO	10.2
J-QC/FFB	0.3704	J-QC/FFB/FLS	0.08	J-QC/FFD/RPO	0.03	J-RJ-QC/FFD/RPO	10.9
J-QC/FFB	1.0051	J-QCJ-HT/FFB/EHT	0.06		0.06		10.2
[redacted]							
J-QC/FFB/FFDRPO	0.8449	J-QCJ-HT/FLS	0.06		0.03	J-R/LLS	6.21
J-QC/FFB/FFDRPO	0.8606	J-QCJ-HT/FLS	0.05		0.03	J-R/LLS	6.05
J-QC/FFB	0.6584	J-QC/FLS	0.08	J-QC/FFB	0.03	J-R/LLS	1.49
J-QC/FFB	0.6403	J-QC/FLS	0.06	J-QC/FFB	0.03	J-R/LLS	1.57
J-QC/FFB	0.3844	J-QC/FFD/RPO	0.07	J-QC/FFB	0.02	J-R/LLS	4.13
J-QC/FFB	0.6495	J-QC/FFD/RPO	0.07	J-QC/FFB	0.01	J-R/LLS	3.98

	0.3685		0.05		0.01	J-R/LLS	11.3
	0.3534		0.01	J-R/LLS	0.01	J-R/LLS	10.9
J-QCJ-HT/FFB	0.1470	J-HT	0.09		<0.003	K	11.1
J-QCJ-HT/FFB	0.1444	J-HT	0.11		<0.003	K	13.8
J-QC/FFB	0.1285	J-HT	0.07		0.05		11.0
J-QC/FFB	0.1257	J-HT	0.06		0.03	J-R/LLS	10.0
J-QC/FFB	0.0989		0.05	J-QC/FMS	<0.003	KJ-QC/FMS	12.4
J-QC/FFB	0.1258		0.05	J-QC/FMS	<0.003	KJ-QC/FMS	13.8
J/LLS	0.0440	J-QC/FLS	0.08		0.02	J-R/LLS	13.4
J/LLS	0.0466	J-QC/FLS	0.05		0.01	J-R/LLS	11.2
J/LLS	0.0455		0.07	J-QC	0.03	J-R/LLS	11.3
J/LLS	0.0421		0.05	J-QC	0.02	J-R/LLS	10.8
J/LLS	0.0417	J-HT	0.05		0.02	J-R/LLS	7.53
J/LLS	0.1052	J-HT	0.08		<0.003	K	7.26
J-QC/LLS/FFB	0.0957		0.07		0.02	J-R/LLS	9.81
J-QC/LLS/FFB	0.0930		0.05		0.01	J-R/LLS	10.4
J-QC/FFB	0.0891	J-HT	0.08	J-QC/FFB	0.01	J-RJ-QC/LLS/FFB	7.28
J-QC/LLS/FFB	0.1037	J-HT	0.06	J-QC/FFB	0.01	J-RJ-QC/LLS/FFB	7.39
J-QC/FFB	0.2472	J-QC	0.11	J-QC	0.04	J-RJ-QC/LLS	1.89
J-QC/FFB	0.2259	J-QC	0.08	J-QC	0.03	J-RJ-QC/LLS	2.01
J-QC/LLS/FFB	0.3721	J-QC/FLS	0.14	J-QC	0.03	J-RJ-QC/LLS	14.1
J-QC/LLS/FFB	0.3847	J-QC/FLS	0.04	J-RJ-QC/LLS	0.03	J-RJ-QC/LLS	15.0
	0.5988		0.09		0.04	J-R/LLS	12.7
	0.5734		0.07		0.03	J-R/LLS	11.6

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	21.9	0.00	0.00
	7.0	0.00	0.36
[redacted]			
	5.8	0.00	0.00
	23.0	0.00	0.00
	24.0	0.00	0.00
	2.8	0.00	0.03
	23.0	0.45	0.45
	19.0	0.32	1.41
	20.0	0.05	0.05
	3.1	0.18	0.18
	3.2	0.18	0.18
	5.8	0.00	0.00
	3.9	0.00	0.00
	12.0	0.00	0.00
	3.4	0.08	0.61
	3.3	0.00	0.00
	11.0	0.00	0.39
	5.9	0.78	0.78
	5.3	0.01	0.04
	6.2	0.03	0.44
	5.0	0.00	0.00
[redacted]			
	5.4	0.13	0.22
	1.5	0.14	0.27
	6.6	0.00	0.28
	0.6	0.00	0.00
	<0.5	0.00	0.00
	1.1	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	1.1	0.00	0.00
	1.2	0.00	0.00
	3.1	0.04	0.54
	4.6	0.00	0.00
	3.8	0.00	0.07
	3.5	0.00	0.00
	3.6	0.00	0.00
	2.7	0.00	0.00
	3.6	0.00	0.12
	0.9	3.30	3.41
	4.3	0.80	0.80
	9.7	0.02	0.71
	9.0	0.00	0.00
	7.3	0.00	0.00
[redacted]			

6.9	0.00	0.00
5.3	0.00	0.00
5.4	0.00	0.00
4.6	0.00	0.00
3.0	0.00	0.00
3.6	0.00	0.00
3.0	0.06	0.57
3.5	0.00	0.00
3.4	0.00	0.00
—	0.00	0.01
8.3	0.41	0.41
6.9	0.00	0.00
2.3	0.12	0.13
—	0.00	0.00
7.2	0.00	0.00
6.1	0.00	0.00
6.1	0.00	0.04
6.7	0.00	0.00
4.4	0.00	0.00
3.9	1.11	1.11
3.3	0.00	0.00
3.6	0.00	0.04
5.1	0.00	0.00
3.2	0.00	0.00
2.1	0.00	0.00
[redacted]		
1.3	0.00	0.00
1.6	0.00	0.00
2.4	0.00	0.07
2.6	0.00	0.15
1.2	0.00	0.00
2.7	0.00	0.00
3.4	0.00	0.00
3.7	0.00	0.00
2.3	0.00	0.00
2.7	0.00	0.01
3.1	1.63	3.00
2.8	0.00	0.00
2.8	0.00	0.00
3.0	2.40	2.40
2.0	2.40	2.40
5.3	0.00	0.00
3.2	0.00	0.00
5.4	0.03	0.32
3.4	0.03	0.32
3.9	0.05	0.05
2.5	0.05	0.05
2.1	0.00	0.00
3.5	0.00	0.00
5.4	0.65	0.72

	5.8		0.15	0.15
	5.6		0.15	0.15
	5.8		0.00	0.00
	5.9		0.30	0.30
	4.2		0.61	0.72
	2.8		0.00	0.82
[redacted]				
	3.0		0.00	0.00
J-R	3.3		0.00	0.00
	3.9		0.00	0.00
	3.5		0.00	0.00
	3.4		0.00	0.00
J-R	4.0		0.00	0.07
	4.5		0.00	0.07
	5.8		0.00	0.20
	5.1		0.00	0.00
	3.7		0.00	0.00
	5.8		0.04	0.21
	5.7		0.00	0.03
	6.3		0.00	0.03
	5.2		0.00	0.13
	5.3		0.00	0.13
	5.2		1.17	1.23
	4.5		1.17	1.23
	3.9		0.00	0.00
	3.7		0.00	0.00
	3.3		0.00	0.00
	2.9		0.00	0.00
J-R	6.1		0.00	0.00
J-R	4.8		0.00	0.00
J-R	4.1		0.00	0.00
	4.7		0.12	1.05
	3.9		0.12	1.05
[redacted]				
J-HT/EHT	11.9	J-QC/FFD/RPO	0.00	0.00
J-HT/EHT	4.7	J-QC/FFD/RPO	0.00	0.00
NAPQNS	4.9		2.75	2.75
	5.4		0.54	1.15
	4.6		0.54	1.15
K	5.4		0.00	0.15
J-R	6.0		0.00	0.00
J-R	5.3		0.00	0.00
	—	NAPEFAI/EQF	0.00	0.66
	—	NAPEFAI/EQF	0.00	0.66
	6.5		0.00	0.20
	6.6		0.00	0.20
J-QC/FFB	6.7		0.00	0.00
J-QC/FFB	6.2		0.00	0.00
J-QC/FFD/RPO	7.7	J-QC/FFB	0.41	0.42
J-QC/FFD/RPO	6.9	J-QC/FFB	0.41	0.42

J-QC/FFD/RPO	6.7	J-QC/FFB	0.01	0.11
J-QC/FFD/RPO	6.3	J-QC/FFB	0.01	0.11
	6.4	J-QC/FFB	0.00	0.00
	6.3	J-QC/FFB	0.00	0.00
	6.2	J-QC/FFB	0.00	0.00
	6.0	J-QC/FFB	0.00	0.00
	5.3	J-QC/FFB	0.00	0.00
	4.9	J-QC/FFB	0.00	0.00
	4.5		0.00	0.00
	4.7		0.00	0.00
	4.9	J-QC/FFB	0.00	1.04
	5.5	J-QC/FFB	0.00	1.04
[redacted]				
	7.30	J-QC/FFB/FFDRPO	0.00	0.00
	5.90	J-QC/FFB/FLDRPO	0.00	0.00
	5.90	J-QC/FFB/FLDRPO	0.00	0.00
	5.60		0.00	0.00
J-QC/FSL	5.64		0.00	0.00
J-QC/FSL	5.12		0.00	0.00
	5.60	J-QC/FFB	0.00	0.00
	5.30	J-QC/FFB	0.00	0.00
	4.63	J-QC/FFB	0.00	0.02
	4.59	J-QC/FFB	0.00	0.02
	3.96		0.00	0.00
	3.63		0.00	0.00
J-QC/FSL	4.30	J-QC/FFB	0.00	0.17
J-QC/FSL	3.80	J-QC/FFB	0.00	0.17
	4.60	J-QC/FFB	0.00	0.28
	4.50	J-QC/FFB	0.00	0.28
	5.30	BJ-QC/FBK/FFB	0.00	0.00
NAPQNS	4.00	J-QC/FFB	0.34	1.06
	3.20	J-QC/FFB	0.34	1.06
J-QC/FFD/RPO	4.40	BJ-QC/FBK/FFB	0.93	1.31
J-QC/FFD/RPO	4.10	BJ-QC/FBK/FFB	0.93	1.31
	3.90	J-QC/FFB	0.16	1.21
	3.30	J-QC/FFB	0.16	1.21
	4.80		0.27	0.28
	4.00		0.27	0.28
	5.60		0.00	0.00
	5.30		0.00	0.00
J-QC/FFD/RPO	5.40	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.20	J-QC/FFB	0.00	0.00
[redacted]				
	4.9		0.00	0.02
	4.5		0.00	0.02
J-QC/FFD/RPO	5.3		0.17	2.58
J-QC/FFD/RPO	4.7		0.17	2.58
	4.4	J-QC/FFB/FFDRPO	0.04	0.04
	7.7	J-QC/FFB/FFDRPO	0.04	0.04
	5.0	BJ-QC/FBK/FFB	0.00	0.00

	4.8	BJ-QC/FBK/FFB	0.00	0.00
	4.8		2.39	3.03
J-R	4.2		2.39	3.03
	4.1		0.00	0.00
	4.2		0.00	0.00
J-HT/EHT	4.5	J-QC/FFB/FFDRPO	0.00	0.00
J-HT/EHT	3.2	J-QC/FFB/FFDRPO	0.00	0.00
	5.2	J-QC/FFB	0.00	0.00
	4.9	J-QC/FFB	0.00	0.00
	5.0	J-QC/FFB	0.39	0.39
	3.8	J-QC/FFB	1.32	1.32
	3.8	J-QC/FFB	1.32	1.32
	4.3		0.00	0.70
	3.7		0.00	0.70
	5.5	J-QC/FFB	0.00	0.00
	5.6	J-QC/FFB	0.00	0.00
	5.4	J-QC/FFB	0.00	0.00
	5.2	J-QC/FFB	0.00	0.00
	5.0		0.01	0.01
	4.4		0.01	0.01
	5.0	J-QC/FFB/FFDRPO	0.00	0.00
	3.0	J-QC/FFB/FFDRPO	0.00	0.00
J-QC/FFD/RPO	5.3		2.19	2.41
[redacted]				
	4.7		0.14	0.14
	4.3		0.14	0.14
	4.9	J-QC/FFB	0.02	0.02
	4.5	BJ-QC/FBK/FFB	0.00	0.00
	4.3	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	3.0		0.00	0.00
J-QC/FSL	2.8		0.00	0.00
	3.7		0.20	0.82
	3.5		0.20	0.82
	3.8	J-QC/FFB	0.03	0.03
	3.5	J-QC/FFB	0.03	0.03
	4.0	J-QC/FFB	0.02	1.38
	3.9	J-QC/FFB	0.02	1.38
	3.3	B/FBK	0.00	0.00
	3.0	B/FBK	0.00	0.00
	5.0		0.00	0.00
	4.3		0.00	0.00
J-QC/FFB/FFDRPO	5.6	J-QC/FFB	0.00	0.00
J-QC/FFB/FFDRPO	4.2	J-QC/FFB	0.00	0.00
	2.3	J-QC/FFB/FFDRPO	0.00	0.00
	3.9	J-QC/FFB/FFDRPO	0.00	0.00
J-QC/FSL	3.1	J-QC/FLD/RPO	0.12	0.62
J-QC/FSL	2.7	J-QC/FLD/RPO	0.12	0.62
J-QC/FFD/RPO	3.9	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	2.2	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPOFSL	2.9		0.00	0.00

J-QC/FFD/RPOFSL	2.7		0.00	0.00
J-QC/FSL	3.8	J-QC/FFB	0.00	0.35
J-QC/FSL	3.7	J-QC/FFB	0.00	0.35
NA	—	NA	0.00	0.00
NA	—	NA	0.05	1.08
NA	—	NA	0.00	0.05
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFB/FFDRPO	3.2		0.00	0.00
J-QC/FFB/FFDRPO	3.0		0.00	0.00
[redacted]				
J-QC/FFB	32.77	J-QC/FFB/FFDRPO	0.70	0.81
J-QC/FFB	6.82	J-QC/FFB/FFDRPO	0.70	0.81
J-QC/FFB	3.54	J-QC/FFB	0.20	0.20
J-QC/FFB	3.44	J-QC/FFB	0.20	0.20
J-QC/FFD/RPO	3.9	J-QC	0.46	0.47
J-QC/FFD/RPO	4.0	J-QC	0.46	0.47
J-QC/FFD/RPO	4.6	J-QC	1.46	2.61
J-QC/FFD/RPO	4.0	J-QC	1.46	2.61
J-QC/FFD/RPO	4.6	J-QC/FFB	0.53	0.53
J-QC/FFD/RPO	4.1	J-QC/FFB	0.53	0.53
J-QC/FFD/RPO	6.3	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	6.8	J-QC/FFB	0.00	0.00
J/LLS	5.6	J-QC/FFB	0.01	0.12
J/LLS	5.9	J-QC/FFB	0.01	0.12
J-QC/LLS/FFBFFDRPC	8.6		0.00	0.00
J-QC/FFB/FFDRPO	8.3		0.00	0.00
J-QC/FFB/FFDRPO	4.7	J-QC/FFB/FLDRPO	0.57	0.76
J-QC/FFB/FFDRPO	5.6	J-QC/FFB/FLDRPO	0.57	0.76
J-QC/FFB	5.0		0.00	0.00
J-QC/FFB	4.5		0.00	0.00
J-QC/FFB	4.1		0.00	0.00
J-QC/FFB	3.9		0.00	0.00
J-QC/FFD/RPO	2.9		0.00	0.00
J-QC/FFD/RPO	2.7		0.00	0.00
J-QC/FFB	3.7		0.00	0.00
J-QC/FFB	3.9		0.00	0.00
	2.87	J-QC	0.00	0.00
	2.9	J-QC	0.00	0.00
	2.22	J-QC/FFD/RPO	0.00	0.03
	1.36	J-QC/FFD/RPO	0.00	0.03
	6.22		0.00	0.34
[redacted]				
	2.7		0.00	0.00
	2.9		0.00	0.00
J/LLS	4.3		0.01	0.01
J/LLS	3.7		0.01	0.01
	5.3	BJ-QC/FBK/FFB	0.00	0.00
	5.4	BJ-QC/FBK/FFB	0.00	0.00

	6.7	BJ-QC/FBK/FFB	0.00	0.00
	6.6	BJ-QC/FBK/FFB	0.00	0.00
	5.8	J-QC/FMS	0.00	2.46
	5.5	J-QC/FMS	0.00	2.46
	4.7	J-QC/FFD/RPO	0.00	0.00
	33.6	-QC/FFD/RPOSUSOU	0.00	0.00
	3.6	J-QC/FMS	0.49	0.49
	3.5	J-QC/FMS	0.49	0.49
	3.4		0.00	0.00
	3.3		0.00	0.00
	3.5	QC/FBK/FFBFLDRPOF	0.09	0.09
	2.8	QC/FBK/FFBFLDRPOF	0.09	0.09
	4.3		0.00	0.00
	4.0		0.00	0.00
	2.5		0.03	0.03
	2.8		0.03	0.03
	3.2	J-QC/FLD/RPO	0.00	0.00
	3.0	J-QC/FLD/RPO	0.00	0.00
J/LLS	2.8	J-QC	0.37	0.37
J/LLS	2.8	J-QC	0.37	0.37
	3.2	J-QC	0.23	0.23
	3.0	J-QC	0.23	0.23
	3.3	J-QC	1.59	1.59
	3.0	J-QC	1.59	1.59

Station #14 Upper Hackensack River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 10, 2003	11:35	6.40	3.4	11.32
December 16, 2003	12:20	6.90	3.4	9.16
2004				
March 31, 2004	10:45	8.02	9.9	8.71
April 7, 2004	09:20	7.34	9.5	7.97
April 20, 2004	09:30	7.18	15.9	5.66
May 4, 2004	09:30	6.99	16.7	5.72
May 18, 2004	10:00	7.11	21.7	4.89
May 25, 2004	09:45	7.14	23.3	5.11
June 22, 2004	09:20	7.37	24.8	5.54
June 28, 2004	10:05	7.33	24.3	5.50
July 6, 2004	09:40	7.28	26.1	4.28
July 13, 2004	09:50	7.36	24.8	2.00
July 20, 2004	09:54	7.40	25.8	3.47
July 27, 2004	09:40	7.08	22.4	3.53
August 3, 2004	10:37	7.08	27.68	2.63
August 10, 2004	09:45	7.31	24.81	5.01
August 17, 2004	09:52	6.98	23.80	2.43
August 24, 2004	10:00	—	25.12	4.09
August 31, 2004	09:51	6.99	27.10	4.49
September 7, 2004	09:26	7.50	24.51	5.20
September 14, 2004	09:50	—	24.72	5.12
September 21, 2004	09:35	7.01	19.82	3.75
October 7, 2004	09:50	7.45	18.78	4.36
October 21, 2004	10:03	—	13.5	4.91
November 4, 2004	10:04	7.00	12.8	7.00
November 18, 2004	09:56	8.06	9.40	—
December 2, 2004	09:43	7.14	9.41	7.04
December 16, 2004	10:13	—	6.8	11.14
2005				
February 23, 2005	10:05	—	3.99	—
March 9, 2005	11:23	—	3.7	12.40
March 21, 2005	09:53	—	5.8	10.83
April 12, 2005	12:34	6.86	13.9	—
May 3, 2005	12:43	7.40	15.00	6.56
May 10, 2005	09:45	6.92	14.99	7.31
May 18, 2005	12:13	7.52	19.27	7.98
June 2, 2005	12:16	7.29	19.73	5.00
June 7, 2005	09:41	6.96	23.71	3.87
June 13, 2005	10:09	7.36	27.18	4.88
July 5, 2005	10:00	7.16	26.12	3.03
July 12, 2005	09:42	7.32	26.26	5.86
July 20, 2005	10:09	7.10	28.64	2.87
July 26, 2005	09:57	7.25	28.92	4.75
August 2, 2005	10:24	—	28.37	6.42
August 10, 2005	—	—	—	—

August 16, 2005	10:13	7.09	28.38	2.01
August 24, 2005	09:35	—	26.73	4.58
August 30, 2005	—	—	—	—
September 14, 2005	09:54	7.14	26.02	3.29
September 21, 2005	09:51	7.17	25.82	3.44
September 29, 2005	09:40	7.23	23.07	5.08
October 5, 2005	10:24	7.15	22.86	3.15
October 19, 2005	09:49	7.39	16.14	7.93
December 20, 2005	10:10	7.10	4.18	10.55
2006				
February 14, 2006	10:51	7.45	3.56	10.58
March 16, 2006	09:52	7.67	7.43	10.40
March 27, 2006	10:25	7.71	8.43	9.45
April 10, 2006	10:01	7.21	10.43	7.31
April 26, 2006	09:55	7.22	15.25	6.87
May 4, 2006	10:02	7.17	16.65	7.05
May 10, 2006	09:55	7.44	15.83	7.46
May 16, 2006	11:32	7.17	16.27	5.70
June 14, 2006	10:20	7.08	22.14	3.39
June 20, 2006	10:01	7.12	25.08	5.45
June 29, 2006	10:16	7.17	26.17	5.22
July 6, 2006	09:45	7.07	26.29	1.75
July 10, 2006	09:54	7.07	25.56	3.50
July 18, 2006	09:40	7.09	28.71	3.23
July 27, 2006	09:50	7.05	27.86	4.27
August 3, 2006	09:32	7.31	30.38	5.30
August 7, 2006	11:57	7.30	28.20	3.23
August 16, 2006	10:13	7.09	25.54	4.06
August 23, 2006	09:28	7.04	26.93	3.20
August 28, 2006	09:40	7.02	23.67	2.57
September 5, 2006	09:52	7.17	21.81	3.68
September 12, 2006	10:39	7.19	22.64	3.66
September 21, 2006	10:19	7.13	22.25	3.60
September 28, 2006	10:02	7.14	20.21	4.60
October 2, 2006	10:21	7.47	19.04	5.08
October 16, 2006	10:03	7.40	15.14	5.91
October 30, 2006	10:22	7.44	10.84	7.32
December 11, 2006	10:51	7.66	6.37	8.45
2007				
January 11, 2007	10:31	8.46	6.42	8.42
January 22, 2007	09:38	7.81	4.82	9.41
February 21, 2007	10:19	8.29	1.57	9.20
March 5, 2007	10:28	8.62	5.15	7.72
March 19, 2007	10:58	8.00	3.86	11.00
April 2, 2007	09:52	7.72	9.03	11.21
April 30, 2007	11:11	7.84	14.56	7.43
May 15, 2007	10:08	7.19	17.36	7.37
Boat engine failure - 5/18/07				
August 20, 2007	10:05	7.40	24.43	3.86
August 29, 2007	10:29	7.37	25.10	3.84

September 10, 2007		09:42	7.40		26.25	4.09
October 4, 2007	A	10:24	7.07		21.92	3.03
October 4, 2007	B	10:24	—		—	—
October 15, 2007		10:09	7.62		18.78	4.65
October 29, 2007		10:13	7.30		16.14	5.31
November 14, 2007		10:41	—		11.28	7.10
December 10, 2007		10:37	—		6.48	8.42
2008						
January 7, 2008		10:27	—		4.71	9.68
February 4, 2008		10:20	7.25		4.28	9.57
March 10, 2008		10:25	7.50		6.29	—
April 7, 2008		10:11	7.63		8.61	10.56
May 8, 2008		11:28	7.24		16.48	5.34
May 15, 2008		09:55	7.39		15.24	7.12
May 22, 2008		10:37	7.67		14.98	9.34
June 2, 2008		10:53	7.28		20.00	4.29
June 9, 2008		10:26	7.18		24.67	5.17
June 16, 2008		10:29	7.22		25.66	3.56
June 23, 2008		10:26	7.16		25.54	3.05
July 7, 2008		10:55	7.05		26.12	2.02
July 22, 2008		10:41	7.11		27.70	3.09
August 4, 2008		09:43	7.06		27.23	3.14
August 12, 2008		10:24	7.22		24.95	4.12
August 18, 2008		09:50	6.52		26.65	3.01
August 25, 2008		10:22	7.13		25.91	4.28
September 8, 2008		10:32	7.54		25.16	4.63
September 15, 2008		10:14	6.93		25.04	3.73
September 22, 2008		10:19	6.20		21.87	3.42
October 6, 2008		10:09	—		18.48	2.81
November 6, 2008		10:04	—		13.32	5.30
December 1, 2008		10:20	6.98		6.08	8.10
2009						
January 27, 2009		10:20	7.97		2.18	10.76
February 25, 2009		11:09	7.27		1.92	11.28
March 10, 2009		10:10	7.32		5.33	12.11
April 8, 2009		10:11	7.78		9.48	10.81
May 4, 2009		10:45	7.43		17.16	—
May 19, 2009		09:45	7.05		16.85	—
May 27, 2009		10:09	7.09		19.11	—
June 1, 2009		10:40	7.20		20.11	—
June 8, 2009		11:36	7.55		20.68	—
June 22, 2009		10:15	7.15		21.42	3.72
July 13, 2009		11:12	7.29		24.42	4.94
July 20, 2009		10:52	—	NAPEFAI/EQF	25.20	3.65
July 27, 2009		11:35	—	NAPEFAI/EQF	25.76	3.65
August 3, 2009		10:18	—	NAPEFAI/EQF	26.08	2.70
August 10, 2009		10:35	—	NAPEFAI/EQF	26.47	3.66
August 17, 2009		10:12	—	NAPEFAI/EQF	27.79	—
August 24, 2009		10:40	—	NAPEFAI/EQF	28.49	—
August 31, 2009		10:27	—	NAPEFAI/EQF	24.63	—

September 9, 2009	10:10	—	NAPEFAI/EQF	23.39	—
September 14, 2009	10:12	—	NAPEFAI/EQF	21.04	—
September 21, 2009	10:09	—	NAPEFAI/EQF	—	—
October 6, 2009	10:55	—	NAPEFAI/EQF	18.73	—
November 23, 2009	11:16	7.42		11.14	7.81
2010					
March 17, 2010	09:55	7.27		7.80	10.10
April 15, 2010	09:54	7.31		15.24	10.52
May 4, 2010	10:30	7.14		20.20	4.68
May 10, 2010	10:32	7.38		16.16	7.65
May 19, 2010	10:26	7.03		16.31	5.40
May 24, 2010	10:11	7.11		19.28	5.58
June 3, 2010	10:03	7.23		25.08	4.43
June 9, 2010	10:20	7.22		23.57	3.36
June 15, 2010	10:04	7.16		24.09	2.93
June 21, 2010	10:34	7.08		25.10	3.60
June 29, 2010	09:55	7.28		28.30	3.96
July 12, 2010	10:00	7.46		27.97	4.12
July 19, 2010	10:20	7.23		28.75	4.49
July 26, 2010	10:17	7.24		29.97	5.78
August 2, 2010	09:50	7.31		27.46	4.25
August 9, 2010	10:27	7.30		26.92	3.72
August 16, 2010	10:08	7.16		25.47	3.13
August 23, 2010	10:09	7.28		25.68	4.00
August 30, 2010	10:25	7.21		25.03	3.35
September 13, 2010	10:15	7.21		21.15	3.81
September 20, 2010	10:08	7.21		20.76	5.31
September 27, 2010	10:05	7.22		21.25	5.21
October 7, 2010	10:12	7.23		17.16	6.11
November 22, 2010	10:12	7.37		10.28	9.08
December 7, 2010	10:00	7.82		5.26	11.67
2011					
January 3, 2011	11:05	7.50		1.99	12.00
February 14, 2011	09:45	7.08		1.94	12.42
March 7, 2011	10:24	7.32		6.87	12.99
April 13, 2011	09:58	7.19		11.75	8.90
May 2, 2011	10:20	7.01		16.98	5.52
May 9, 2011	10:38	6.81		17.72	4.78
May 19, 2011	10:18	7.15		18.02	5.13
May 26, 2011	10:05	7.12		20.70	3.77
June 6, 2011	11:15	7.17		22.29	5.14
June 13, 2011	10:14	7.04		23.77	3.87
June 20, 2011	10:20	6.97		25.21	3.56
June 29, 2011	10:08	7.21		25.68	3.72
July 25, 2011	10:08	7.37		30.04	4.84
August 1, 2011	10:11	7.30		27.57	3.17
August 8, 2011	10:18	7.25		21.67	4.92
August 18, 2011	10:09	7.18		25.87	3.39
September 13, 2011	10:50	7.40		22.66	3.91
September 26, 2011	10:03	7.18		21.14	4.04

October 20, 2011	10:28	7.41		17.02	6.08
November 15, 2011	09:55	7.65		11.15	7.67
December 21, 2011	10:09	7.55		5.76	10.22
2012					
January 9, 2012	10:42	7.67		4.89	9.70
February 6, 2012	10:23	7.48		4.49	9.83
March 5, 2012	10:15	7.54		5.88	10.68
April 16, 2012	10:30	7.35		14.26	6.62
May 1, 2012	10:14	7.36		13.99	8.09
May 9, 2012	10:11	7.26		16.70	5.43
May 15, 2012	10:05	7.18		19.18	6.47
May 22, 2012	10:03	7.19		20.70	6.11
May 31, 2012	10:05	7.17		25.24	3.09
June 7, 2012	10:04	—	NAPEFAI/EQF	20.84	2.71
June 13, 2012	09:55	—	NAPEFAI/EQF	22.47	5.62
June 18, 2012	10:03	—	NAPEFAI/EQF	22.60	3.96
June 26, 2012	10:03	—	NAPEFAI/EQF	25.21	2.49
July 16, 2012	09:49	7.34		28.90	4.02
July 23, 2012	09:49	7.23		26.54	3.21
July 30, 2012	09:31	7.17		26.78	2.67
August 8, 2012	10:28	7.64		28.41	7.14
August 13, 2012	10:15	7.43		28.11	5.27
August 20, 2012	10:18	7.22		25.66	3.78
September 5, 2012	10:05	7.20		25.35	4.56
September 10, 2012	10:25	7.31		25.20	3.50
September 17, 2012	09:57	7.32		22.63	4.57
Bridge construction 9/26/12					
November 26, 2012	09:03	7.32		6.33	8.46
December 3, 2012	08:39	7.21		5.83	8.82
2013					
January 7, 2013	09:43	2.34		7.10	12.74
Bridge construction 2/7/13					
April 1, 2013	09:11	7.53		8.38	10.49
May 9, 2013	10:22	7.24		16.54	5.91
May 16, 2013	09:55	7.26		17.18	4.84
May 23, 2013	09:47	7.23		18.99	4.65
June 3, 2013	10:00	7.46		23.84	4.16
June 11, 2013	10:04	7.36		21.86	3.36
June 17, 2013	10:08	7.48		22.02	3.44
June 24, 2013	10:35	7.46		23.24	4.19
July 8, 2013	10:16	7.44		28.12	3.98
July 15, 2013	10:00	7.28		27.34	2.35
July 22, 2013	09:50	7.57		27.92	4.25
July 29, 2013	10:29	7.41		25.42	3.77
August 5, 2013	10:39	7.80		23.88	5.97
August 12, 2013	10:31	7.80		24.60	5.31
August 19, 2013	11:10	7.45		23.26	4.18
August 26, 2013	10:41	7.55		24.66	4.97
September 5, 2013	10:05	7.28		25.43	3.52
September 12, 2013	10:17	7.42		27.76	4.85

September 18, 2013		10:04	7.36		20.21		4.80
September 26, 2013		09:40	7.37		19.17		4.87
October 7, 2013		10:19	7.40		20.26		5.66
November 18, 2013		10:29	7.45		8.72		10.59
2014							
January 14, 2014		10:18	7.62		0.70		11.51
February 6, 2014		10:31	6.89		-0.58		11.00
March 11, 2014		10:20	7.74		3.40		12.64
April 14, 2014		10:58	8.13		11.43		12.03
May 8, 2014		10:11	8.04		14.39		4.96
May 15, 2014	A	11:05	7.29		16.88		5.37
May 15, 2014	B	11:05	—	NA	—	NA	—
May 22, 2014		10:30	7.54		18.45		2.95
June 2, 2014		10:10	8.04		19.33		4.97
June 10, 2014		10:18	7.42		20.74		4.36
June 16, 2014		10:18	7.33		20.94		3.56
June 23, 2014		10:23	7.54		23.39		3.81
July 1, 2014		10:08	7.51		25.92		3.80
July 8, 2014		10:28	7.41		24.77		3.49
July 14, 2014		10:05	7.50		25.00		4.53
July 21, 2014		10:10	7.71		24.44		4.18
July 31, 2014		10:35	7.61		24.78		4.70
August 6, 2014		09:59	7.53		25.09		5.57
August 13, 2014	A	11:03	7.37		23.66		4.63
August 13, 2014	B	11:03	—	NA	—	NA	—
August 18, 2014		11:05	7.37		22.44		4.89
August 25, 2014		10:56	7.36		22.48		3.97
September 3, 2014		11:08	7.59		24.98		3.35
September 11, 2014	A	11:04	—	NAPEFAI/EQF	23.38		5.50
September 11, 2014	B	11:04	—	NA	—	NA	—
September 17, 2014		10:15	7.21		21.04		3.16
October 1, 2014		10:09	7.13		20.63		3.03
October 6, 2014		10:03	7.27		18.23		4.58
November 19, 2014		10:46	7.28		6.36		8.46
December 3, 2014		10:18	7.10		6.19		8.96

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	89.8	9.0	3	16
	70.8	4.2	2	24
[redacted]				
	82.2	7.9	3	16
	74.6	10.0	2	16
	70.3	6.6	3	14
	58.4	9.7	3	36
	59.4	7.9	3	12
	63.1	6.9	2	14
	69.4	—	2	14
	65.7	—	2	16
	51.9	—	2	20
	—	—	2	18
	41.7	—	2	28
	43.0	—	1	18
	37.4	6.04	—	21
	61.6	5.81	3	16
	30.0	9.24	3	27
	50.3	4.43	3	18
	59.7	9.81	2	24
	65.6	7.92	2.5	9
	64.9	8.41	2	19
	41.4	0.89	3	17
	47.6	2.55	3	10
	48.6	6.3	—	10
	70.3	8.6	3	8
	—	10.57	3	10
	64.0	6.0	1.5	22
	95.5	5.7	2	29
[redacted]				
	—	9.73	2	15
	92.4	3.7	2.5	32
	92.2	9.2	4	13
	—	2.2	2.5	14
	66.9	4.45	2	18
	76.4	8.88	2	15
	90.3	7.39	1.5	16
	58.3	11.37	2	24
	48.9	11.99	3	10
	64.5	8.93	1.5	23
	41.1	16.17	3	16
	76.4	10.81	2	17
	40.7	17.22	2	20
	65.7	11.47	1.5	26
	89.2	13.81	2	31
	—	—	—	17

27.4	12.32	1.5	29
62.0	14.20	2	34
—	—	—	12
44.5	16.44	2	28
46.7	18.37	1	41
65.5	18.06	—	23
41.0	19.72	2	24
81.9	3.10	1.5	28
83.7	5.20	2	41
[redacted]			
83.8	8.55	2	12
93.8	11.89	3	14
87.7	13.15	2	42
70.7	12.13	<1	14
73.5	11.57	2	28
75.3	7.18	2	18
81.4	12.64	2	21
62.3	11.41	1	25
40.5	7.97	2	55
68.5	6.23	2	21
67.3	6.95	—	38
22.1	5.09	—	15
45.2	10.12	—	40
43.4	6.77	—	18
58.0	11.20	—	28
72.9	8.03	—	33
44.1	11.57	2	25
52.6	10.26	—	22
44.1	17.23	2	28
32.4	12.96	1	28
44.6	10.77	2	22
45.6	12.79	1	37
44.3	11.85	2	24
54.3	11.51	2	28
57.8	9.12	2	14
63.3	9.95	2	28
67.2	3.48	1	21
71.5	6.58	2	19
[redacted]			
69.7	3.01	2	12
79.0	11.17	1.5	34
74.8	18.68	2	28
64.5	10.26	3	12
91.9	14.04	3	37
103.0	9.34	6	8
73.3	1.93	2	18
80.8	9.23	2	34
48.5	8.92	2	16
50.8	14.77	2	28

	56.5		18.03	3	48	
	37.3		12.91	3	19	
	—		—	—	2	
	55.0		15.72	2	54	
	59.3		15.28	2	30	
	71.3		15.19	3	16	
	75.5		14.96	3	18	
	80.8		11.03	2	32	
	77.8		8.51	2	20	
	—		—	1	24	
	97.5		11.58	3	23	
	57.5		11.20	1	46	
	74.3		8.05	3	26	
	97.3		8.53	2	26	
	50.1		10.22	2	33	
	66.1		9.39	2	34	
	46.6		11.31	2	19	
	40.0		12.05	2	30	
	26.9		13.19	2	53	
	43.0		16.26	2	25	
	42.8		14.29	1	33	
	52.7		10.90	2	16	
	40.6		14.74	1	24	
	56.3		11.65	2	18	
	57.4		9.31	2	31	
	48.5		12.63	2	21	
	41.6		9.68	2	20	
	31.9		10.25	3	14	
	54.6		12.11	2	16	
	71.0		12.93	3	24	
	86.5		14.67	3	20	J-QC/FFB
	89.2		13.51	2	47	
	107.7		17.10	3	18	J-QC/FFD/RPO
	102.3		12.30	2	26	
NAPEFAI/EQF	—	NAPEFAI/EQF	7.76	2	18	
NAPEFAI/EQF	—	NAPEFAI/EQF	7.22	2	32	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	11.84	1	30	
NAPEFAI/EQF	—	NAPEFAI/EQF	8.52	2	16	
NAPEFAI/EQF	—	NAPEFAI/EQF	10.17	2	30	
	43.8		7.19	2	12	
	62.3		8.88	2	17	J-QC/FLD/RPO
	47.0		10.50	2	28	
	47.2		8.99	2	24	
	34.4		6.70	2	19	
	47.4		8.97	2	14	
NAPEFAI/EQF	—	NAPEFAI/EQF	8.66	2	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	9.61	2	16	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	9.11	3	10	

NAPEFAI/EQF	—	NAPEFAI/EQF	12.84		2	20	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	10.82		2	18	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	13.27		2	24	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	16.63		2	24	
	77.3		13.32		3	32	
[redacted]							
	86.7		4.75		2	20	
	109.5		7.59		2	27	
	53.5		4.11		2	9	
	80.2		6.61		1	18	J-QC/FLD/RPO
	57.6		8.30		2	48	J-QC/FLD/RPO
	63.5		8.86		2	26	
	57.8		9.54		3	34	J-QC/FFB/FFDRPO
	42.9		11.87		2	39	J-QC/FFB
	37.2		13.33		2	42	
	45.8		10.60		2	33	J-QC/FFD/RPO
	55.1		14.41		2	42	J-QC/FFD/RPO
	55.4		18.78		2	48	
	62.9		11.22		2	35	
	82.7		15.21		3	50	
	57.4		12.29		2	28	
	51.5		18.67		2	48	
	41.4		14.04		3	80	J-QC/FFD/FLDRPO
	54.3		18.82		3	44	
	43.6		—	NAPEFAI/EQF	3	38	
	46.8		15.64		2	26	
	64.1		15.22		3	50	
	64.5		17.76		3	42	
	67.3		12.28		3	24	
	89.5		15.83		4	14	
	98.4		11.13		4	44	
[redacted]							
	95.0		13.26		3	48	
	95.6		9.83		2	14	
	112.0		7.69		4	21	
	86.1		7.50		4	12	
	59.7		6.07		3	24	J-QC/FFD/RPO
	51.4		4.58		3	22	J-QC/FFD/FLDRPO
	56.3		6.61		1	41	
	42.4		1.97		3	21	
	61.3		7.83		2	40	
	48.4		9.90		3	16	
	46.8		9.18		3	42	
	47.5		9.35		4	33	
	68.1		11.30		2	48	
	44.0		16.51		2	26	
	66.7		11.66		2	28	
	43.5		8.01		2	42	
	45.2		0.86		2	18	
	48.3		9.74		3	30	

	64.9		5.34	3	24	
	73.8		8.82	2	28	
	85.0		6.29	1	64	
	81.0		10.11	1	35	
	82.3		11.91	2	59	
	92.2		11.78	3	28	J-QC/FLD/RPO
	70.5		14.39	2	56	
	83.2		9.76	2	34	J-QC/FLD/RPO
	60.1		12.29	1	61	
	73.7		10.53	2	41	
	72.9		12.64	3	25	
	39.5		9.69	2	34	
	31.6		12.18	1	28	
	67.1		9.66	2	22	
	48.9		12.57	2	33	
	32.2		9.61	2	18	
	55.9		14.89	2	36	
	43.2		14.21	2	45	
	36.2		14.41	2	42	J-QC/FLD/RPO
	98.1		13.38	3	31	
	72.9		13.94	3	36	J-QC/FLD/RPO
	50.9		17.08	2	24	J-QC/FLD/RPO
	54.5		15.97	2	65	J-QC/FLD/RPO
	45.4		12.64	4	39	
	59.4		20.26	2	62	J-QC/FLD/RPO
	77.1		17.05	2	42	
	77.8		14.69	2	34	
	99.3		8.99	3	32	
	95.1		9.69	3	26	
	65.7		14.32	3	18	
	53.1		9.11	2	10	
	54.6		13.51	2	42	J-QC/FLD/RPO
	51.1		6.70	1	31	J-QC
	40.1		3.40	4	24	
	34.8		1.38	2	17	
	51.1		7.01	2	34	
	53.6		9.31	4	30	J-QC/FFD/RPO
	31.1		6.65	3.5	14	
	60.5		19.41	3	54	J-QC/FFD/FLDRPO
	48.2		9.65	1.5	38	
	75.9		13.14	2	42	J-QC
	68.9		13.31	2	63	J-QC
	53.2		14.16	1	66	J-QC/FLD/RPO
	64.8		15.40	1	65	J-QC/FFD/RPO
	47.0		15.93	2	44	
	62.9		12.79	1	24	

	59.4		19.38		1		50	J-QC/FLD/RPO
	56.9		12.93		2		40	
	71.4		21.27		—	NAP	53	
	105.3		22.74		3		41	
	87.0		11.40		2		36	J-QC/FFB
	80.0		10.47		2		28	J-QC
	101.9		10.70		3		22	J-QC/FFD/RPO
	116.4		8.25		2		26	
	49.5		2.33		2		17	
	58.6		9.65		2		30	
NA	—	NA	—	NA	—	NA	30	
	32.1		3.82		1		24	
	56.3		7.81		2		28	
	50.6		7.43		2		20	
	42.0		9.39		1		43	J-QC/FFB/FLDRPO
	47.4		8.86		4		32	J-QC/FFD/FLDRPO
	49.9		11.54		1		28	J-QC/FLD/RPO
	43.5		7.38		2		27	
	59.4		14.21		2		38	
	52.2		7.51		1		34	
	60.8		13.08		3		38	
	71.2		11.21		4		50	J-QC/FFB
	61.1		19.73		4		46	
NA	—	NA	—	NA	—	NA	42	
	60.9		12.51		3		29	
	50.1		19.35		5		31	
	43.2		10.90		4		26	J-QC/FLD/RPO
	72.4		20.02		4		38	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	34	J-QC/FLD/RPO
	38.6		14.22		3		36	
	37.0		15.71		2		28	
	54.6		20.18		3		42	
	74.9		13.23		1		36	J-QC
	79.1		13.62		2		52	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
2.97	<2	2.21	0.093
3.61	3	<0.09	0.059
1.21	2	3.12	0.112
3.18	2	1.10	0.120
2.33	2	1.52	0.154
0.48	2	0.89	0.147
1.80	2	0.40	0.161
0.99	4	1.80	0.335
1.73	2	0.57	0.318
2.87	<2	2.05	0.274
2.94	<2	0.70	—
4.07	5	<0.19	0.344
3.85	5	0.20	0.210
5.38	14	1.12	0.166
0.91	4	0.44	0.179
—	9	<0.19	0.907
4.17	2	<0.19	0.247
3.07	6	<0.19	0.111
1.49	8	0.80	0.182
2.16	4	<0.19	0.157
2.01	<2	0.28	0.186
2.22	3	1.30	0.193
1.98	<2	1.59	0.198
4.07	<2	2.44	0.164
3.22	5	1.70	0.268
2.58	<2	1.85	0.294
2.80	<2	2.50	0.197
1.96	<2	0.65	0.128
3.28	10	1.67	0.064
1.74	<2	<0.19	0.043
4.00	4	2.18	0.073
1.04	4	<0.19	0.060
6.07	<2	2.63	0.135
0.86	<2	<0.19	0.162
5.29	4	2.80	0.189
5.58	3	1.80	0.285
2.47	<2	0.51	0.250
2.56	6	<0.27	0.641
1.77	<2	<0.27	0.200
2.93	4	<0.27	0.400
1.85	5	<0.27	0.168
2.57	7	<0.27	0.230
1.98	<2	<0.27	0.102
1.45	5	0.52	0.161

2.32	<2	1.38	0.249
2.27	<2	<0.27	0.187
2.56	—	0.91	0.330
1.77	<2	<0.27	0.325
2.07	<2	<0.27	0.249
2.20	<2	—	0.298
1.64	<2	<0.27	0.280
1.53	<2	<0.27	0.114
3.63	<2	<0.27	0.040
[redacted]			
2.55	6	0.34	0.082
2.73	<2	0.67	0.142
2.70	<2	1.40	0.137
2.06	4	—	0.185
3.44	6	<0.295	0.195
5.33	7	<0.295	0.198
1.98	—	<0.295	0.190
4.13	—	<0.295	0.198
3.78	3	<0.295	0.285
2.03	<2	<0.295	0.099
1.98	5	<0.295	0.786
2.05	<2	<0.295	0.292
1.64	3	<0.295	0.126
3.04	—	<0.295	0.415
1.68	6	<0.295	0.271
2.11	5	<0.295	0.264
2.11	3	<0.295	0.155
3.59	—	0.84	0.366
2.02	<2	<0.295	0.146
3.16	—	<0.295	0.200
2.05	5	<0.295	0.257
1.54	<2	0.90	0.256
1.77	—	<0.295	0.199
2.04	—	<0.295	0.328
3.66	4	1.51	0.328
2.14	<2	0.82	0.334
2.23	<2	<0.295	0.350
2.34	<2	<0.295	0.119
[redacted]			
4.27	<2	<0.295	0.107
2.00	<2	<0.295	0.071
2.77	3	1.72	0.062
3.96	<2	<0.295	0.098
1.19	<2	1.19	0.068
1.82	<2	0.791	0.085
1.98	<2	0.689	0.082
1.79	—	0.780	0.140
2.15	<2	0.780	0.316
1.30	<2	7.20	0.189

1.58		<2		5.90		0.199
3.45		<2		1.24		0.458
0.75		<2		1.23		0.026
3.18		—		1.32		0.385
1.85		<2		1.12		0.472
1.34		<2		0.450		0.355
3.08		<2		0.402		0.231
[redacted]						
2.78		<2		1.29		0.099
3.95		<2		1.34		0.096
4.10		<2		0.442		0.089
1.56		<2		0.958		0.040
2.05		<2		0.808		0.171
1.87		<2		0.926		0.220
1.56		<2		0.612		0.149
2.68		<2		0.740		0.157
2.76		<2		0.858		0.553
1.58		<2		0.324		0.251
1.78		<2		0.384		0.185
1.49		<2		0.753		0.225
0.45		3		0.504		0.175
1.41		3		0.618		0.222
4.20		5		0.826		0.358
1.93		<2		0.837		0.198
2.87		<2		0.776		0.385
2.51		3		1.11		0.453
1.87		<2		0.680		0.192
2.94		4		1.41		0.189
2.92		<2		0.789		0.326
3.18		<2		1.65		0.318
1.92		<2		1.60		0.176
[redacted]						
3.59	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	1.03	J-QC/FSL/FMS	0.059
3.94	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	2.48	J-QC/FMS	0.069
2.98	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	1.58	J-QC/FFB	0.061
2.60	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	1.19		0.127
4.18	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	2.32		0.186
3.60	BJ-QC/FBK/FFBFLS	<2	K	2.19		0.244
2.02	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.698		0.228
3.09	B/FBK	<2	K	1.42	J-QC/FFB	0.419
2.48	J-QC/FFD/RPO	<2	K	0.506		0.366
1.61	J-QC/FLS	<2	KJ-QC/FLS	0.541		0.155
1.44	B/FBK	<2	K	0.351		0.017
1.84	BJ-QC/FBK/FLS	<2	K	0.610		0.156
1.84		<2	KJ-QC/FLS	0.519		0.215
2.19	BJ-QC/FBK/FFB	3		<0.018	K	0.393
1.53	J-QC/FFD/RPOFLS	<2	K	0.254		0.181
1.96	BJ-QC/FBK/FFB	<2	K	0.493		0.179
1.96	BJ-QC/FBK/FFBFLS	2		0.397		0.157
2.78	BJ-QC/FBK/FFBFLS	<2	K	1.14		0.251

2.00	BJ-QC/FBK/FFBFLDRPO	<2	K	0.575	J-QC/FSL	0.154
3.88	BJ-QC/FBK/FFBFLDRPOFLS	4	J-QC/FFD/RPOFLS	1.36		0.287
1.89	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.514		0.145
0.88	BJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FLS	0.544		0.139
1.85	BJ-QC/FBK/FFBFLS	<2	K	0.909		0.187
[redacted]						
2.42	BJ-QC/FBK/FFBFLS	<2	K	0.869		0.0457
2.46	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.734		0.0568
4.00	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	1.56	J-QC/FSL	0.1673
2.10	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	1.24		0.1443
3.01	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	1.48		0.1963
3.41	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	1.30		0.207
4.00	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	1.23		0.228
2.52	BJ-QCJ-HT/FBK/FFBEHT	<2	K	1.00		0.174
2.65	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	6	J-QC/FLS	0.775		0.1338
3.24	BJ-QC/FBK/FFBFFDFLDRPOFLS	2	J-QC/FLS	0.835		0.0039
1.90	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.312		0.1002
0.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.337		0.0864
3.79	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.931		0.2419
1.87	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.719		0.1045
2.61	BJ-QCJ-HT/FBK/FFBEHT	<2	K	1.158		0.2270
1.79	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.482		0.0933
2.33	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.597		0.1056
0.71	BJ-QC/FBK/FFB	—	NAPQNS	—	NAPQNS	—
2.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.996		0.1966
1.01	BJ-QC/FBK/FFBFLS	3		0.781		0.1790
3.12	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	1.13		0.1954
1.89	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.708		0.1864
1.90	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.608		0.1750
0.70	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	K	0.503		0.0973
2.25	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.563		0.1307
[redacted]						
3.24	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0175	K	0.1100
4.89	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	2.172		0.0994
2.72	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	1.627		0.0718
4.23	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	1.860		0.0878
3.15	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	1.268		0.0692
4.00	BJ-QC/FBK/FFB	<2	K	1.840		0.1317
3.57	BJ-QC/FBK/FFBFLS	<2	K	1.120		0.1600
2.90	BJ-QC/FBK/FFB	3		1.149		0.1576
1.66	BJ-QC/FBK/FFB	<2	K	0.495		0.1261
1.83	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.664		0.2120
0.67	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.827		0.1539
2.29	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.795		0.2126
2.32	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.054	J-RJ-QC/FFD/RPO	0.1821
0.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.441	J-QC/FFB	0.0863
2.08	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.163		0.3565
1.97	BJ-QC/FBK/FFBFLS	<2	K	0.474		0.2109
2.14	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.212		0.2501
1.46	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.334		0.1550

2.54	BJ-QC/FBK/FFBFLS	<2	K	0.478		0.1469
4.00	BJ-QC/FBK/FFBFFDRPO	—	A/LBF	0.900		0.1204
3.04	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.855		0.0806
2.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	1.114		0.0709
2.71	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	1.412	J-QC/FSL	0.0760
4.90	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	2.031		0.1026
3.23	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	1.909		0.1726
6.89	BJ-QC/FBK/FFBFFDRPO	<2	K	1.919		0.1993
4.88	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.084	J-QC/FMS	0.1704
4.16	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	1.506	J-QC/FMS	0.1967
2.21	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.832		0.1960
2.45	BJ-QC/FBK/FFBFLS	<2	K	1.234	J-QC/FMS	0.3047
2.28	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.350		0.2908
1.95	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.492	J-QC/FMS	0.3554
0.44	BJ-QC/FBK/FFB	<2	K	0.188	J-QC/FMS	0.1585
2.36	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.696	J-QC/FSL/FMS	0.2633
1.38	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.391	J-QC/FSL/FMS	0.1025
1.93	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.876		0.1283
0.59	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-HT/EHT	0.892		0.1603
2.79	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.533	J-QC/FSL	0.1960
2.93	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.597		0.1705
1.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.322		0.1139
0.72	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.744		0.2008
3.11	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	1.515		0.3593
0.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QCJ-HT/FLS/EHT	0.375		0.2256
—	NA	<2	KJ-QC/FLS	1.317	J-QC/FMS	0.1685
—	NA	<2	KJ-HT/EHT	1.451	J-QC/FMS	0.2004
—	NA	<2	KJ-QC/FMS	2.085	J-QC/FMS	0.1543
—	NA	<2	KJ-QCJ-HT/FMS/EHT	1.746	J-QC/FMS	0.0994
—	NA	<2	KJ-QC/FMS	0.778		0.1761
3.77	BJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	1.805		0.2206
2.07	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.806		0.1750
3.29	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.948	J-QC/FSL/FMS	0.2550
4.22	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	1.044	J-QC/FMS	0.1850
3.53	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	1.249	J-QC/FMS	0.1408
1.99	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.426	J-QC/FMS	0.1034
1.86	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.567		0.1438
3.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.958	J-QC/FFD/RPO	0.3064
1.27	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.169	J-R/LLS	0.0888
2.22	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.627	J-QC/FSL	0.4678
1.55	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.1832
2.13	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC	0.1446
1.81	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.332	J/LLS	0.1249
1.97	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.217	J/LLS	0.1472
1.29	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.675	J-QC/FFD/RPO	0.1143
1.96	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.964		0.2720

1.73	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.464		0.0786
1.64	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	1.344		0.3232
1.23	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.289	J/LLS	0.1113
1.12	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.560		0.1252
3.97	BJ-QC/FBK/FFBFMS	<2	K	1.094		0.0887
5.97	BJ-QCJ-HT/FBK/FFBFMS	<2	K	2.882	J-QC/FFB	0.0721
3.93	BJ-QC/FBK/FFB	<2	KJ-HT	0.253	J/LLS	0.0730
2.67	BJ-QC/FBK/FFB	<2	KJ-HT	0.430	J-QC/FFB	0.0517
3.49	BJ-QC/FBK/FFB	<2	K	1.102	J-QC	0.0681
1.96	BJ-QC/FBK/FFB	<2	K	0.801	J-QC/FFB	0.0831
2.45	BJ-QC/FBK/FFB	<2	K	0.852	J-QC/FFB	0.0872
4.28	BJ-QC/FBK/FFBFMS	<2	K	1.898	J-QC/FFB	0.1792
2.39	BJ-QC/FBK/FFBFLDRPO	<2	K	1.102	J-QC/FSL	0.2036
3.50	BJ-QC/FBK/FFBFFDRPOFMS	<2	K	0.665	J-QC/FFB	0.2262
1.95	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-HT	0.920	J-QC/FFB	0.1866
1.89	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.736	J-QC/FFB	0.2487
3.00	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.1921
2.19	BJ-QC/FBK/FFB	<2	K	0.619		0.3501
1.82	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.351	J/LLS	0.1215
1.91	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.401		2.6034
0.69	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.056	J/LLS	0.1043
1.91	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	KJ-QC/FMS	0.1760
0.51	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0564
0.56	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0576
2.23	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.697		0.1532
0.61	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.424	J-QC/FFD/RPO	0.0972
3.96	BJ-QC/FBK/FFBFFDFLDRPOFMS	3		0.920	J-QC/FFD/RPO	0.2665
0.79	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.401		0.0831
0.72	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.362	J/LLS	0.0841
5.70	BJ-QCJ-HT/FBK/FFBFMS	<2	K	1.278	J-QC/FFB/FSL	0.2588
2.19	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	K	1.691		0.1942
0.76	BJ-QCJ-HT/FBK/FFB	<2	KJ-QCJ-HT	0.594	C/FFB/FLDRPOFSLF	0.1587
2.86	BJ-QC/FBK/FFBFMS	<2	K	1.948	J-QC	0.1715
2.23	BJ-QCJ-HT/FBK/FFBFMS	<2	K	1.406		0.1809

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	1.30	0.349	0.28	1.53
	1.32	0.368	0.21	3.28
	1.83	0.361	0.29	49.2
	2.17	0.251	0.21	34.3
	1.62	0.275	0.26	14.7
	1.27	0.234	0.21	4.27
	1.95	0.393	0.37	17.7
	0.95	0.685	0.64	29.9
	1.07	0.589	0.58	28.0
	0.71	0.813	0.71	11.7
	0.97	0.631	0.65	16.9
	1.05	0.505	0.70	10.7
	1.01	0.624	0.61	13.46
	0.88	0.744	0.62	27.54
	0.86	0.568	0.48	11.82
	0.92	0.623	0.53	11.33
	1.13	0.518	0.52	8.36
	1.40	0.490	0.56	72.86
	1.05	0.506	0.46	7.73
	1.42	0.591	0.55	16.71
	1.29	0.457	0.47	10.23
	0.47	0.348	0.33	24.54
	0.92	0.416	0.36	9.33
	1.10	0.377	0.26	8.96
	2.22	0.319	0.30	16.0
	1.82	0.347	0.32	4.48
	1.60	0.515	0.45	5.89
	1.56	0.306	0.24	2.56
	1.21	0.196	0.22	1.41
	1.28	0.204	0.17	6.22
	1.23	0.229	0.20	23.10
	1.15	0.205	0.21	47.56
	0.84	0.408	0.33	9.90
	1.25	0.234	0.25	6.02
	1.19	0.352	0.35	49.00
	1.38	0.486	0.46	–
	1.33	0.378	0.37	–
	1.34	0.641	0.60	–
	1.31	0.599	0.36	–
	0.65	0.814	0.76	–
	0.96	0.587	0.61	–
	0.58	0.780	0.72	–
	0.63	0.618	0.65	–
	0.43	0.870	0.85	–

0.51	0.947	0.82	—
0.79	0.726	0.66	—
0.53	0.661	0.60	—
0.51	0.578	0.60	—
1.42	0.622	0.67	—
0.52	0.573	0.54	—
1.53	0.713	0.55	—
1.01	0.321	0.44	—
1.48	0.330	0.34	—
[redacted]			
1.48	0.213	0.22	—
1.07	0.204	0.21	—
3.16	0.233	0.37	—
1.58	0.278	0.27	—
1.19	0.288	0.33	—
1.49	0.430	0.40	—
1.34	0.504	—	—
1.07	0.416	—	—
0.80	0.596	0.57	—
0.86	0.647	0.62	—
1.31	0.696	0.71	—
0.99	0.823	0.81	—
0.74	0.522	0.60	—
0.71	0.737	—	—
0.69	0.542	0.34	—
0.83	0.624	0.71	—
0.36	0.687	0.72	—
0.71	0.509	0.48	—
0.51	0.452	0.44	—
0.68	0.456	0.58	—
0.56	0.547	0.49	—
1.01	0.435	0.39	—
0.78	0.410	0.39	—
0.70	0.410	0.33	—
0.70	0.527	0.51	—
0.92	0.440	0.41	—
1.12	0.573	0.52	—
2.22	0.478	0.31	—
[redacted]			
1.30	0.384	0.31	3.8
1.26	0.230	2.09	3.0
1.50	0.254	0.22	1.3
0.605	0.285	0.19	3.9
1.36	0.215	0.17	5.4
1.59	0.164	0.12	302.8
0.773	0.275	0.18	157.6
0.137	0.347	0.18	9.4
0.664	0.544	0.51	10.3
0.586	0.420	0.34	3.2

	1.22		0.339		0.41		4.7	
	1.15		0.47		0.44		12.3	
	1.03		<0.010		0.02		11.8	
	1.19		0.46		0.47		3.6	
	1.63		0.43		0.37		5.4	
	2.07		0.38		0.32		<3.0	
	1.83		0.35		0.30		<3.0	
	1.12		0.56		0.21		1.4	J-R
	1.70		0.31		0.28		<1.1	
	1.54		0.25		0.21		12.5	
	0.978		0.10		0.10		4.9	
	1.38		0.41		0.23		<2.4	
	1.80		0.30		0.24		17.0	
	1.49		0.29		0.18		<2.4	
	0.931		0.39		0.30		10.9	
	1.44		0.37		0.41		9.2	
	1.14		0.39		0.40		5.5	
	0.998		0.70		0.70		5.9	
	0.803		0.59		0.57		2.5	J-R
	0.699		0.54		0.53		4.0	J-R
	0.782		0.70		0.61		6.3	
	0.731		0.71		0.67		18.1	
	5.84		0.50		0.50		4.4	J-R
	0.831		0.62		0.44		23.4	
	0.616		0.48		0.43		24.2	
	0.060		0.39		0.38		<2.4	
	0.899		0.42		0.41		4.4	J-R
	0.960		0.41		0.41		4.4	J-R
	1.68		0.36		0.32		3.1	J-R
	1.33		0.17		0.18		3.6	J-R
	1.20		0.17	J-QC/FFB	0.16		5.2	J-HT-EHT
	1.33	J-QC/FLS	0.09		0.22		5.5	
	1.32		0.15		0.16		5.6	
	1.47		0.37	J-QC/FFB	0.16		5.5	J-HT-EHT
	1.29		0.36		0.32		2.4	J-R
J-QC/FFB	1.23		0.37		0.34		<2.4	K
	1.80		0.43		0.27		0.7	J-R
	1.81		0.40		0.39		3.3	
	1.33		0.29		0.26		0.7	J-R
	1.09		0.31		0.29	J-QC/FFB	4.9	
J-QCJ-HT/FFB/EHT	0.682		0.47		0.38		2.5	
	0.775	J-QC/FFB	0.42		0.38		4.8	
	1.02		0.53		0.41		4.1	
J-QC/FFB	0.780		0.51		0.49		7.1	J-QC/FFD/RPO
	0.824		0.44		0.42		6.8	
	0.907		0.51		0.49		7.8	J-QC/FFD/RPO
	1.25		0.11	J-QC/FFD/RPO	0.40		15.5	
J-QC/FFB	0.670		—	NAP	0.55	J-QC/FFB	4.7	

J-QC/FFB	0.818		0.37		0.36		4.0		
	1.02		0.37	J-QC/FFB	0.40		3.0		
	0.917		0.30	J-QC/FFB	0.26		3.0		
J-QC/FFB	1.34		0.29		0.24		2.2	J-QC/FFD/RPO	
	1.51		0.28		0.23		2.6		
[redacted]									
	1.10		0.15		0.12		2.6		
J-QC/FFB	0.771		0.23		0.20		1.4	J-R	
	1.07		0.31		0.27		4.5		
	1.11		0.26		0.24		2.7	J-QC/FSL	
	0.957	J-QC/FFB	0.30		0.28		3.6		
	1.16		0.26		0.26		6.5		
	0.816		0.38		0.34		21.5	J-QC/FFD/RPO	
	0.777		0.43		0.40		9.7		
J-QC/FFB	0.829		0.48		0.41		2.3	J-R	
J-R	0.932		0.48		0.46		7.7		
	0.858		0.39		0.37		11.8		
	0.811		0.46		0.40		10.3	J-QC/FSL	
J-QC/FFB	0.560		0.63		0.60		17.3	J-QC/FSL	
	0.540		0.55		0.51		14.7		
	0.597		0.62		0.64		12.2		
J-QC/FFB	0.548		0.49		0.45		7.7		
J-QC/FFB	0.780		0.65		0.60		7.6	J-QC/FSL	
NAPQNS	—	NAPQNS	0.39		0.36		26.4		
J-QC/FFB	0.976		0.48		0.44		4.8		
	1.07		0.36		0.33		5.9		
	1.08		0.40		0.36		2.3	J-R	
J-QC/FFB	1.10		0.34		0.29	J-QC/FLS	2.6		
	1.63		0.38	J-QC/FFD/RPO	0.29		<1.3	K	
J-QC/FFB	1.55		0.20		0.17		1.9	J-R	
	1.99		0.24	J-QC/FFB	0.19		2.1	J-R	
[redacted]									
	1.8000	J-QC/FLS	0.24		0.17		3.6		
J-QC/FFB	1.3600		0.27	J-QC/FFB/FLS	0.15		8.0		
	3.1320		0.12	J-QC/FFD/RPO	0.12		10.1	J-QC/FFD/RPO	
	0.4684		0.19		0.14		8.5		
	<0.0267	K	0.27		0.24		3.5		
J-QC/FFB	0.8529		0.33		0.27	J-QC/FFB/FFDRPO	5.3	J-QC/FSL	
	1.2500		0.21		0.19		5.0		
J-QC/FFD/RPO	0.6422	J-QC/FFB/FLS	0.32		0.30		7.4		
	0.7407		0.32	J-QC/FFD/RPO	0.30		5.28		
	0.6867	J-QC/FLS	0.32	J-QC/FFD/RPO	0.30		8.6		
J-QC/FFB	0.8206		0.29	J-QC/FFD/RPOFLS	0.28		8.7		
J-QC/FFB	0.1566	J-QC/FLS	0.38		0.48	J-QC/FFB	7.0		
J-QC/FFB	0.5324	J-QC/FLS	0.46		0.44		20.9		
J-QC/FFB	0.5646		0.37	J-QC/FFB	0.37		37.2		
J-QC/FFB	0.9347	J-QC/FFB	0.46		0.50	J-QC/FFB	7.23		
J-QC/FFB	0.9301		0.38	J-QC/FLS	0.34		14.4		
	0.7764	J-QC/FLS	0.14	J-QC/FLS	0.21		18.9	J-QC/FFD/RPO	
J-QC/FFB	0.9305		0.14	J-QC/FFB/FLDRPO	0.13		1.68	J-R	

J-QC/FFB	1.9902		0.20	J-QC/FFB/FLS	0.14		5.63	
J-QC/FFB	1.3911		0.13	J-QC/FLS	0.12		3.84	J-QC/FFD/RPO
J-QC/FFB	1.5174		0.28		0.20		2.5	J-QC/FFD/RPO
[redacted]								
J-QC/FFB	1.4291		0.20	J-QC/FFD/RPO	0.10	J-QC/FFD/RPO	2.35	
J-QC/FFB	1.8168	J-QC/FFB	0.19		0.17		1.51	
J-QC/FFB	1.5592	J-QC/FLS	0.13		0.09		12.1	J-QC/FFD/RPO
J-QC/FFB	1.9861		0.21		0.16		10.0	
J-QC/FFB	1.9035	J-QC/FFB	0.20		0.15		23.6	J-QC/FSL
J-QC/FFB	1.6526	J-QC/FFB	0.19		0.16		27.6	
J-QC/FFB	1.6704	J-QC/FLS	0.19		0.17		27.3	
J-QC/FFB	1.5767	J-QC/FFD/RPO	0.19		0.17		4.77	
	1.4072		0.35		0.25		12.4	
J-QC/FFB	1.2918		0.31	J-QC/FFB	0.19		8.46	J-QC/FSL
J-QC/FFB	1.4027		0.24		0.22	J-QC/FFB	31.8	
J-QC/FFB	1.3763		0.22		0.20		30.8	
	1.3390	J-QC/FLS	0.34		0.32		18.75	
J-QC/FFB	0.9821		0.32		0.32		3.25	
	2.1957		0.41		0.46		5.11	
J-HT/EHT	1.1022	J-QC/FLS	0.37		0.33		1.97	
	0.8362	J-QC/FFB	0.28	J-QC/FLS	0.26	J-QC/FLS	17.1	
	0.7511		0.30	J-QC/FFD/RPO	0.29		3.99	J-QC/FFD/RPO
	0.8076	J-QC/FLS	0.26		0.25		4.13	
	0.9638		0.27		0.31		3.35	J-QC/FFD/RPO
	1.0326		0.29		0.28		2.53	J-QC/FFD/RPO
	1.0222		0.24		0.22		3.25	J-QC/FSL
J-QC/FFB	1.4409		0.24		0.20		2.90	
J-QC/FFB	1.8927		0.25		0.16		3.84	J-QC/FFD/RPO
[redacted]								
J-QC/FFB	1.8217	[redacted]	0.23	J-QC	0.19	J-QC/FFD/RPO	5.47	
J-QCJ-HT/FFB/EHT	1.8232	J-QC/FFB	0.14		0.11	J-QC/FLD/RPO	9.44	J-QC/FFD/RPO
J-QC/FFB	1.0406	[redacted]	0.20		0.20	J-QC/FSL	3.53	J-QC/FFB/FFDRPC
[redacted]	1.2974	J-QC/FFB	0.33		0.31	J-QC	2.70	
J-QC/FFB	1.1458	J-QC/FLS	0.26		0.21	J-QC/FFB	2.19	J-QC/FFD/RPO
J-QC/FFB	0.9354	J-QC/FFB	0.38		0.32	J-QC/FLD/RPO	6.51	J-QC/FFD/RPO
[redacted]	0.6792	[redacted]	0.34		0.33	J-QC/FLD/RPO	5.19	
J-QC/FFB	0.6853	[redacted]	0.42		0.41	J-QC	4.05	
J-QC/FFB	0.8239	CJ-HT/FFD/RPOE	0.30	J-QC/FLD/RPO	0.30		<0.231	KJ-QC/FFD/RPO
J-QC/FFB	0.7411	[redacted]	0.37		0.32	J-QC/FMS	4.32	J-QC/FFB/FFDRPC
J-QC/FFB	0.6347	[redacted]	0.50	J-QC/FSL	0.50	J-QC	4.18	
[redacted]	0.6618	J-QC/FLS	0.32		0.24		3.01	J-QC/FFB/FFDRPC
[redacted]	0.9194	J-QC/FFB	0.41	J-QC/FFB/FSL	0.40		6.56	
	0.7951	J-QC/FFB	0.33		0.30		13.1	
J-QC/FFB	0.8175	J-QC	0.32		0.31		1.03	J-QC/LLS/FFDRPC
J-QC/FFB	0.8675	[redacted]	0.29		0.28		9.34	
J-QC/FFB	1.0294		0.31		0.31		5.60	J-QC/FFD/RPO
J-QC/FFB	1.0158		0.28		0.26		4.70	J-QC/FFB
J-QC/FFB	0.9094		0.34	J-QC	0.30	J-QC/FFD/RPO	1.36	J-QC/LLS/FFB

[redacted]	0.9387	[redacted]	0.21		0.23	J-QC	5.12	
[redacted]	1.3343	J-QC/FLS	0.33		0.25	J-QC/FFB	4.29	
J-QC/FFB	0.9262	J-QCJ-HT/EHT	0.23	J-QC/FMS	0.19		4.05	J-QC/FFB
[redacted]	1.4114	J-QC/FLS	0.22		0.19		4.21	
[redacted]								
	1.6116	J-QC/FFB/FLS	0.18		0.15		3.61	
J-QC/FFB	1.2603		0.18		0.15		2.93	
J-QC/FFB	1.2492		0.19		0.15		2.71	
	1.0052	J-HT	0.15	J-QC	0.11	J-QC	4.25	
J-QC/FFB	0.7521	J-QC/FLS	0.44	J-QC/FFB/FMS	0.36		4.25	J-QC/FFD/RPO
J-QC/FFB	0.7676		0.24	J-QC/FFB/FMS	0.22	J-QC/FFB	2.84	J-QC
J-QC/FFB	0.7564		0.25	J-QC/FFB/FMS	0.21	J-QC/FFB	—	A/LBF
	0.8828	J-QC/FLS	0.44	J-QC	0.39	J-QC/FFB	4.79	
J-QC/FFB	1.0563		0.32		0.29		7.62	
J-QCJ-HT/FFB	0.9109		0.38		0.28		8.39	
J-QC/FFB	1.0631		0.30		0.29		2.85	
J-QC/FFB	0.9211		0.34		0.32		10.0	
J-QC/FFB	0.9062		0.33		0.31		4.43	
J-QC/FFB	0.8699		0.53	J-QC/FMS	0.48	J-QC/FMS	13.5	
	0.8369		0.36	J-QC/FFB	0.34		3.01	
J-QC/FFB	1.0182		0.48		0.45		21.0	
	0.7354		0.37		0.35		1.98	QC/LLS/FFBFFDRI
	0.8258		0.43		0.44		11.3	
	0.6304		0.27		0.26		17.5	
	0.6595		0.26		0.24		16.9	
J-QC/FFB	0.6104	J-HT	0.45		0.39		14.7	
	0.6996		0.30	J-QC/FMS	0.29		16.3	
	0.5383		0.61		0.53		7.21	
	0.7685		0.29	J-QC/FFB	0.27	J-QC	10.4	
	0.7097		0.27	J-QC/FFB	0.26	J-QC	11.1	
J-QC/FFB	0.7304	J-HT	0.44	J-QC/FFB	0.41	J-QC	9.83	
J-QCJ-HT/FFB	0.7420		0.54		0.48		8.63	
J-QC/FFB	0.9999	J-HT	0.35		0.31		8.23	
J-QC/FFB	1.6981	J-QC/FLS	0.46		0.35		3.49	J-QC/FFD/RPO
J-QC/FFB	1.5913		0.30	J-QC/FMS	0.22		2.05	J/LLS
[redacted]								

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
9.1	0.00	0.00
10.7	0.00	0.11
[redacted]		
8.7	0.45	0.45
6.6	0.00	0.00
10.0	0.00	0.00
12.0	0.00	0.24
6.7	0.00	0.00
5.0	0.00	0.10
19.0	0.31	0.31
6.8	0.00	0.00
3.9	0.00	0.18
8.7	0.57	0.57
6.9	0.00	0.00
11.2	0.85	0.85
3.6	0.02	0.02
14.3	0.00	0.00
8.1	0.00	0.45
39.6	0.00	0.00
25.0	0.10	0.10
8.6	0.03	0.03
9.4	0.00	0.00
15.5	0.00	0.00
18.0	0.00	0.00
12.3	0.00	0.00
8.2	0.78	0.78
7.1	0.00	0.00
8.3	0.00	0.66
6.9	0.00	0.00
[redacted]		
2.2	0.01	0.01
0.7	0.00	0.10
3.4	0.01	0.14
2.2	0.00	0.00
4.1	0.00	0.09
2.6	0.00	0.00
4.2	0.00	0.00
4.3	0.00	0.00
—	0.00	0.40
5.2	0.00	0.00
4.5	0.83	0.83
6.8	0.00	0.00
6.4	0.00	0.00
7.0	0.00	0.07
6.4	0.00	0.00
6.8	0.00	0.01

6.6	0.00	0.08
5.8	0.00	0.00
8.1	0.00	0.00
5.1	0.01	0.01
5.9	0.00	0.00
4.8	0.05	0.05
2.8	0.00	0.00
3.9	0.00	0.03
10.0	0.00	0.00
7.7	0.00	0.00
8.7	0.00	0.00
5.1	0.00	0.00
7.5	0.00	0.00
9.6	0.00	0.01
13.4	0.00	0.00
—	0.00	0.00
—	0.54	0.93
4.8	0.00	0.00
5.0	0.00	0.00
5.0	0.25	1.44
4.2	0.33	2.38
4.7	0.00	0.00
—	0.36	0.36
21.8	0.00	0.00
9.4	0.15	0.15
8.6	0.00	0.00
10.2	0.00	0.02
9.4	0.00	0.00
7.5	0.62	1.01
3.0	0.35	0.35
7.5	0.00	0.00
9.4	0.00	0.00
4.9	0.00	0.00
5.8	0.00	0.41
5.2	0.00	0.00
6.0	0.00	0.00
4.9	0.00	0.00
5.1	0.00	0.00
3.3	0.00	0.00
2.4	0.02	0.14
6.3	0.00	0.00
3.7	0.25	0.25
3.4	0.17	0.27
4.2	0.00	0.00
3.5	0.00	0.00
7.1	0.03	0.32
3.7	0.00	0.00

3.3		0.05	0.05
9.4		0.00	0.00
<0.5		0.00	0.00
9.1		0.00	0.00
8.2		0.00	0.00
10.5		0.00	0.22
6.1		0.08	0.57
[redacted]			
5.2		0.00	0.00
5.0		0.08	0.08
6.1		0.00	0.00
6.4		0.00	0.00
6.8		0.00	0.00
6.6		0.00	0.00
7.1		0.15	0.20
6.4		0.00	0.00
7.9		0.00	0.01
7.0		0.04	0.21
20.0		0.01	0.83
8.4		0.00	0.00
7.9		0.00	0.00
8.2		0.00	0.00
7.2		0.00	1.17
6.5		0.00	0.00
7.1		0.00	0.00
6.1		0.00	0.00
5.0		0.00	0.00
5.9		0.00	0.00
5.8		0.00	0.17
6.1		0.15	0.38
4.6		0.12	1.05
[redacted]			
6.1		0.00	0.00
7.1		0.00	0.00
9.1	J-QC/FFB	0.00	0.15
7.0		0.00	0.00
8.0	J-QC/FFD/RPO	0.54	1.15
7.4		0.00	0.00
7.0		0.00	0.00
10.6		0.00	0.00
6.7		0.00	0.00
—	NAPEFAI/EQF	0.00	0.66
8.2		0.00	0.20
8.0		0.00	0.00
7.7		0.15	1.69
7.8		0.00	1.70
8.5	J-QC/FFB	0.41	0.42
7.5	J-QC/FFB	0.00	0.00
7.1	J-QC/FFB	0.01	0.11
7.9	J-QC/FFB	0.00	0.00

6.2	J-QC/FFB	0.00	0.00
7.5	J-QC/FFB	0.00	0.00
6.5	J-QC/FFB/FFDRPO	0.00	0.00
5.1		0.00	0.00
5.8	J-QC/FFB	0.00	0.00
[redacted]			
8.20	J-QC/FFB	0.00	0.01
6.70		0.00	0.00
8.54		0.03	2.06
6.64		0.00	0.00
6.20		0.01	1.44
6.80	J-QC/FFB	0.00	0.00
7.34	J-QC/FFB	0.00	0.00
6.49	J-QC/FFB	1.11	1.11
6.00	J-QC/FFB	0.00	0.00
7.31	J-QC/FFB	0.00	0.00
6.20		0.00	0.00
5.30	J-QC/FFB	0.00	0.17
7.60	J-QC/FFB	0.05	0.05
5.90	J-QC/FFB	0.00	0.28
6.40	J-QC/FFB	0.00	0.04
6.30	BJ-QC/FBK/FFB	0.00	0.00
6.80	J-QC/FFB	1.24	1.41
4.90	J-QC/FFB	0.34	1.06
6.00	B/FBK	0.00	0.00
5.50	BJ-QC/FBK/FFB	0.93	1.31
5.80	BJ-QC/FBK/FFB	0.00	0.00
4.90	BJ-QC/FBK/FFB	1.05	1.05
4.40		0.00	0.00
6.20	J-QC/FFB	0.00	0.00
6.10		0.00	0.00
[redacted]			
6.7		0.00	0.02
8.3	J-QC/FFB	0.00	0.00
7.7	J-QC/FFB	0.17	2.58
6.6	J-QC/FFB	0.64	1.31
4.9	B/FBK	0.00	0.00
5.9	BJ-QC/FBK/FFB	0.00	0.00
5.7	J-QC/FFB	0.01	2.40
5.7		0.00	0.00
4.8	J-QC/FFB	0.00	0.00
4.1	J-QC/FFB	0.04	0.05
4.9	J-QC/FFB/FFDRPO	0.00	0.00
5.4	J-QC/FFB	0.00	0.00
6.8	J-QC/FFB	0.39	0.39
5.0	J-QC/FFB	0.28	0.29
6.7	J-QC/FFB	0.00	0.12
6.8	J-QC/FFB	0.07	0.07
4.9	J-QC/FFB	0.00	0.00
5.3	J-QC/FFB	0.00	0.00

6.0		0.04	1.03
5.8		0.00	0.00
5.3		0.13	0.16
5.5		0.00	0.00
5.8	J-QC/FFB	0.00	0.00
5.4	BJ-QC/FBK/FFB	0.00	0.00
3.8	J-QC/FFB	0.00	0.00
3.9	J-QC/FFB	0.62	0.62
4.2	J-QC/FFB	0.27	0.30
4.7	J-QC/FFB	0.73	0.76
4.4		0.20	2.14
4.5	J-QC/FFB	0.00	0.02
4.6	J-QC/FFB	0.09	0.67
5.0	J-QC/FFB	0.93	2.05
4.6	BJ-QC/FBK/FFB	0.00	0.00
5.2		0.00	0.95
5.3	J-QC/FFB	0.00	0.26
7.6	J-QC/FFB/FLS	0.04	0.09
5.7	J-QC/FFB/FFDRPO	0.00	0.00
—	NAPEFAI/EQF	0.00	0.00
5.8	J-QC/FFB/FFDRPO	0.00	0.00
3.3	J-QC/FFB	0.00	0.00
4.3	J-QC/FFB	0.11	0.70
5.2	J-QC/FFD/RPO	0.00	0.06
2.9	J-QC/FFB/FFDFLDRPO	0.00	0.00
6.6	BJ-QC/FBK/FFB	0.46	0.46
5.0	BJ-QC/FBK/FFB	0.03	0.03
6.44	BJ-QC/FBK/FFB	0.00	0.00
5.4	J-QC/FFD/RPO	0.00	0.00
5.4		0.08	1.54
5.6	J-QC/FFD/RPO	0.00	0.00
4.4	J-QC/FFD/RPO	0.35	0.88
6.2		0.00	0.55
6.0	J-QC/FFB/FSL	0.00	0.04
5.6		0.14	0.27
6.6		0.11	0.11
4.5	J-QC/FFB	0.00	0.00
6.7	J-QC/FMS	0.00	0.00
4.0	J-QC/FLD/RPO	0.19	0.19
8.0	J-QC	0.02	0.52
6.2		0.00	0.00
6.0	J-QC	0.40	0.40
6.1	J-QC/FFB	0.00	0.00
4.8	J-QC	0.03	0.03
4.8	J-QC/FSL	0.00	0.00
4.1	J-QC/FLD/RPOFMS	0.52	0.52

3.1	J-QC/FMS	0.00	0.00
5.3	QC/FBK/FFBFLDRPOFSLF	0.00	0.00
3.87	J-QC/FFB/FFDRPO	0.40	0.40
3.48		0.19	0.19
[redacted]			
4.4	J-QC/FMS	0.35	0.35
4.0	J-QC/FMS	0.00	1.44
4.4	J-QC/FMS	0.00	0.00
5.5	J-QC	0.00	0.00
5.5		0.52	0.52
5.4		0.03	0.03
5.1		0.03	0.03
8.0		0.40	0.40
9.9		0.00	0.00
6.6	J-QC/FMS	0.00	2.46
6.7		0.00	0.00
6.5		0.00	0.00
3.9	J-QC/FMS	0.00	0.00
4.2	J-QC/FMS	0.49	0.49
3.4		0.75	0.84
3.6	J-QC/FMS	0.00	0.00
4.1		0.00	0.00
5.2	J-QC	0.00	0.00
2.4	B/FBK	0.55	0.64
2.4	B/FBK	0.55	0.64
5.6		0.00	0.00
3.7	B/FBK	0.00	0.00
6.3		0.00	0.00
3.2		0.00	0.00
2.9		0.00	0.00
6.2	J-QC/FLD/RPO	0.00	0.73
5.4		0.00	0.00
1.6		0.00	0.00
6.0		0.00	0.00
7.1		0.08	0.16
[redacted]			

[redacted]

[redacted]

Station #14 Lower Hackensack River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 10, 2003	11:40	6.40	3.5	11.11
December 16, 2003	12:25	6.90	3.3	8.94
2004				
March 31, 2004	10:50	8.04	9.9	8.25
April 7, 2004	09:25	7.42	9.5	8.33
April 20, 2004	09:35	7.27	15.6	5.37
May 4, 2004	09:35	7.04	16.7	5.24
May 18, 2004	10:05	7.22	21.1	4.30
May 25, 2004	09:50	7.13	23.0	4.41
June 22, 2004	09:25	7.31	24.8	4.71
June 28, 2004	10:07	7.33	24.3	5.63
July 6, 2004	09:45	7.15	26.1	3.78
July 13, 2004	09:52	7.38	24.9	—
July 20, 2004	09:56	7.46	25.9	3.44
July 27, 2004	09:35	7.02	23.0	3.52
August 3, 2004	10:40	7.09	27.22	2.38
August 10, 2004	09:47	7.25	25.31	3.74
August 17, 2004	09:57	7.01	23.69	2.20
August 24, 2004	10:02	—	25.22	3.83
August 31, 2004	09:53	7.09	26.96	4.61
September 7, 2004	09:28	7.43	24.56	5.12
September 14, 2004	09:55	—	24.76	5.10
September 21, 2004	09:40	7.10	19.85	3.66
October 7, 2004	10:00	7.37	19.00	4.17
October 21, 2004	10:06	—	13.8	5.24
November 4, 2004	10:07	7.00	13.0	6.92
November 18, 2004	09:58	7.22	9.55	—
December 2, 2004	09:40	7.17	9.40	7.14
December 16, 2004	10:10	—	6.9	11.41
2005				
February 23, 2005	10:00	—	4.07	—
March 9, 2005	11:20	—	3.7	11.03
March 21, 2005	09:56	—	5.7	10.82
April 12, 2005	12:36	—	13.4	—
May 3, 2005	12:40	7.38	15.08	6.41
May 10, 2005	09:49	7.09	15.52	7.50
May 18, 2005	12:10	7.44	18.72	6.90
June 2, 2005	12:13	7.27	19.62	4.53
June 7, 2005	09:43	6.91	23.56	3.93
June 13, 2005	10:12	7.16	26.84	4.88
July 5, 2005	10:03	7.13	25.92	2.96
July 12, 2005	09:44	7.18	26.34	4.04
July 20, 2005	10:11	7.03	28.54	2.84
July 26, 2005	09:59	7.14	28.68	3.34
August 2, 2005	10:26	—	28.44	6.05
August 10, 2005	—	—	—	—

August 16, 2005	10:15	7.05	28.28	2.06
August 24, 2005	09:37	—	26.65	4.43
August 30, 2005	—	—	—	—
September 14, 2005	09:56	7.02	26.06	3.61
September 21, 2005	09:53	7.09	25.84	3.11
September 29, 2005	09:42	7.21	23.06	4.94
October 5, 2005	10:26	7.17	22.88	3.51
October 19, 2005	09:51	7.41	16.30	8.61
December 20, 2005	10:12	7.11	4.30	11.20
2006				
February 14, 2006	10:53	7.59	3.86	10.55
March 16, 2006	09:54	7.61	7.28	9.78
March 27, 2006	10:27	7.68	8.49	9.33
April 10, 2006	10:03	6.90	10.34	7.19
April 26, 2006	09:57	7.23	15.15	6.90
May 4, 2006	10:04	7.19	16.47	7.17
May 10, 2006	09:57	7.43	15.68	7.07
May 16, 2006	11:34	7.19	16.19	5.74
June 14, 2006	10:22	7.08	22.01	3.38
June 20, 2006	10:03	7.11	25.00	5.05
June 29, 2006	10:18	7.14	26.47	4.75
July 6, 2006	09:47	7.08	26.34	1.83
July 10, 2006	09:56	7.07	25.30	3.54
July 18, 2006	09:42	7.17	28.72	2.94
July 27, 2006	09:52	7.01	27.81	4.21
August 3, 2006	09:34	7.26	30.47	4.23
August 7, 2006	11:59	7.40	28.12	3.32
August 16, 2006	10:15	7.03	25.49	4.01
August 23, 2006	09:30	6.86	26.83	3.22
August 28, 2006	09:42	6.96	23.75	2.63
September 5, 2006	09:54	7.43	21.77	3.91
September 12, 2006	10:41	7.33	22.66	3.72
September 21, 2006	10:21	7.11	22.41	3.49
September 28, 2006	10:04	7.16	20.22	4.42
October 2, 2006	10:23	7.76	19.07	4.71
October 16, 2006	10:05	7.43	15.13	5.99
October 30, 2006	10:24	7.89	10.80	7.07
December 11, 2006	10:53	7.83	7.17	8.39
2007				
January 11, 2007	10:33	8.99	6.34	8.76
January 22, 2007	09:40	8.28	4.90	9.35
February 21, 2007	10:21	8.68	1.53	9.37
March 5, 2007	10:30	9.11	5.15	7.56
March 19, 2007	11:00	8.62	3.80	10.92
April 2, 2007	09:54	7.98	9.00	9.45
April 30, 2007	11:13	7.75	14.44	7.12
May 15, 2007	10:10	7.30	17.24	7.34
Boat engine failure - 5/18/07				
August 20, 2007	10:03	7.52	24.44	3.58
August 29, 2007	10:26	7.57	24.65	4.25

September 10, 2007	09:39	7.72		26.20	4.38
October 4, 2007	10:21	7.45		22.04	2.83
October 15, 2007	10:07	7.78		19.84	4.32
October 29, 2007	10:10	7.34		16.33	5.24
November 14, 2007	10:43	—		11.50	7.26
December 10, 2007	10:35	—		6.79	8.73
2008					
January 7, 2008	10:25	—		4.97	10.51
February 4, 2008	10:14	7.27		4.63	9.66
March 10, 2008	10:23	7.44		6.24	—
April 7, 2008	10:09	7.60		8.63	10.60
May 8, 2008	11:27	7.37		16.37	5.39
May 15, 2008	09:53	7.34		15.18	6.96
May 22, 2008	10:34	7.74		14.94	8.38
June 2, 2008	10:51	7.56		20.05	4.35
June 9, 2008	10:23	7.24		24.05	3.59
June 16, 2008	10:27	7.33		25.55	3.27
June 23, 2008	10:24	7.21		25.69	3.15
July 7, 2008	10:54	7.10		26.07	2.05
July 22, 2008	10:39	7.44		27.59	3.06
August 4, 2008	09:41	7.13		27.22	3.11
August 12, 2008	10:22	7.43		25.10	3.51
August 18, 2008	09:48	6.23		26.48	2.81
August 25, 2008	10:18	7.50		25.77	4.15
September 8, 2008	10:30	7.98		24.82	5.25
September 15, 2008	10:12	7.05		24.91	4.11
September 22, 2008	10:17	6.15		21.83	3.93
October 6, 2008	10:08	—		18.66	2.80
November 6, 2008	10:02	—		13.58	5.40
December 1, 2008	10:16	7.12		6.13	8.21
2009					
January 27, 2009	10:18	8.06		2.21	10.94
February 25, 2009	11:07	7.55		2.15	11.37
March 10, 2009	10:08	7.46		5.20	12.31
April 8, 2009	10:09	7.96		9.44	10.75
May 4, 2009	10:44	7.57		17.09	—
May 19, 2009	09:43	7.17		16.75	—
May 27, 2009	10:07	7.14		19.07	—
June 1, 2009	10:38	7.32		19.94	—
June 8, 2009	11:34	7.72		20.67	—
June 22, 2009	10:13	7.20		21.36	3.83
July 13, 2009	11:10	7.26		24.14	4.85
July 20, 2009	10:50	—	NAPEFAI/EQF	25.14	3.56
July 27, 2009	11:33	—	NAPEFAI/EQF	26.00	3.81
August 3, 2009	10:17	—	NAPEFAI/EQF	26.18	2.74
August 10, 2009	10:34	—	NAPEFAI/EQF	26.32	3.48
August 17, 2009	10:11	—	NAPEFAI/EQF	27.80	—
August 24, 2009	10:36	—	NAPEFAI/EQF	28.45	—
August 31, 2009	10:25	—	NAPEFAI/EQF	24.73	—
September 9, 2009	10:09	—	NAPEFAI/EQF	23.38	—

September 14, 2009	10:11	—	NAPEFAI/EQF	20.99	—
September 21, 2009	10:07	—	NAPEFAI/EQF	—	—
October 6, 2009	10:53	—	NAPEFAI/EQF	18.61	—
November 23, 2009	11:12	7.45		11.15	8.30
2010					
March 17, 2010	09:53	7.23		7.80	10.09
April 15, 2010	09:51	7.33		15.14	10.84
May 4, 2010	10:23	7.26		19.55	4.49
May 10, 2010	10:30	7.64		15.94	8.55
May 19, 2010	10:24	7.05		16.17	5.85
May 24, 2010	10:09	7.35		19.25	6.70
June 3, 2010	10:00	7.44		24.88	4.80
June 9, 2010	10:17	7.22		23.70	3.75
June 15, 2010	10:00	7.30		23.87	3.81
June 21, 2010	10:30	7.06		25.09	3.53
June 29, 2010	09:52	7.30		28.28	4.02
July 12, 2010	10:02	7.29		28.65	3.73
July 19, 2010	10:17	7.57		28.35	4.45
July 26, 2010	10:15	7.28		29.77	5.04
August 2, 2010	09:48	7.26		27.21	3.35
August 9, 2010	10:30	7.24		27.37	3.80
August 16, 2010	10:05	7.16		25.52	2.67
August 23, 2010	10:05	7.25		25.66	3.96
August 30, 2010	10:22	7.23		25.06	3.37
September 13, 2010	10:10	7.17		21.09	3.85
September 20, 2010	10:05	7.20		20.66	5.91
September 27, 2010	10:03	7.17		21.23	5.84
October 7, 2010	10:10	7.21		17.51	6.10
November 22, 2010	10:08	7.63		10.32	9.56
December 7, 2010	10:03	7.45		5.48	11.16
2011					
January 3, 2011	11:02	7.64		2.04	11.14
February 14, 2011	09:42	7.22		1.95	14.54
March 7, 2011	10:20	7.29		6.77	13.06
April 13, 2011	09:55	7.07		11.64	8.80
May 2, 2011	10:17	7.05		16.90	5.70
May 9, 2011	10:35	6.93		17.62	3.22
May 19, 2011	10:10	7.18		17.79	5.40
May 26, 2011	10:00	7.47		20.68	4.24
June 6, 2011	11:10	7.29		21.70	5.32
June 13, 2011	10:10	6.98		23.66	4.00
June 20, 2011	10:16	7.06		25.11	3.57
June 29, 2011	10:05	7.23		25.40	3.38
July 25, 2011	10:05	7.36		30.14	4.66
August 1, 2011	10:08	7.28		27.21	3.21
August 8, 2011	10:15	7.26		27.59	4.45
August 18, 2011	10:05	7.33		25.79	3.43
September 13, 2011	10:45	7.72		22.50	4.09
September 26, 2011	10:00	7.24		20.86	4.66
October 20, 2011	10:26	7.44		17.02	6.26

November 15, 2011	09:53	7.77		11.17	7.71
December 21, 2011	10:07	7.71		5.83	10.31
2012					
January 9, 2012	10:40	7.74		5.75	10.04
February 6, 2012	10:20	7.60		4.55	9.82
March 5, 2012	10:12	7.78		5.68	11.90
April 16, 2012	10:28	7.32		14.16	6.80
May 1, 2012	10:10	7.49		13.95	8.36
May 9, 2012	10:09	7.25		16.66	5.67
May 15, 2012	10:00	7.32		19.17	6.64
May 22, 2012	10:00	7.22		20.64	6.00
May 31, 2012	09:58	7.31		25.21	3.26
June 7, 2012	10:00	—	NAPEFAI/EQF	20.70	2.50
June 13, 2012	09:50	—	NAPEFAI/EQF	22.39	6.93
June 18, 2012	10:00	—	NAPEFAI/EQF	22.19	4.33
June 26, 2012	10:00	—	NAPEFAI/EQF	25.35	2.44
July 16, 2012	09:45	7.32		28.12	3.93
July 23, 2012	09:45	7.32		26.66	3.29
July 30, 2012	09:27	7.24		26.81	2.85
August 8, 2012	10:22	7.62		28.40	6.79
August 13, 2012	10:12	7.44		28.16	5.36
August 20, 2012	10:15	7.30		25.48	3.70
September 5, 2012	10:00	7.21		25.28	3.88
September 10, 2012	10:20	7.37		25.52	3.25
September 17, 2012	09:54	7.28		22.54	4.66
Bridge construction 9/26/12					
November 26, 2012	09:00	7.31		6.46	8.50
December 3, 2012	08:37	7.22		5.83	9.03
2013					
January 7, 2013	09:40	2.39		7.08	13.05
Bridge construction 2/7/13					
April 1, 2013	09:08	7.73		8.14	10.31
May 9, 2013	10:18	7.37		16.38	6.18
May 16, 2013	09:53	7.41		16.91	5.01
May 23, 2013	09:45	7.29		18.43	4.66
June 3, 2013	09:55	7.81		23.67	4.26
June 11, 2013	10:00	7.45		21.96	3.88
June 17, 2013	10:05	7.82		21.50	2.95
June 24, 2013	10:31	7.78		22.60	4.92
July 8, 2013	10:12	7.52		27.74	4.19
July 15, 2013	09:55	7.55		27.30	2.33
July 22, 2013	09:43	7.70		27.75	4.17
July 29, 2013	10:24	7.54		25.21	3.72
August 5, 2013	10:34	7.85		23.79	4.86
August 12, 2013	10:28	8.00		24.56	5.54
August 19, 2013	11:07	7.61		23.26	4.21
August 26, 2013	10:37	7.79		24.77	4.88
September 5, 2013	10:00	7.24		25.36	3.50
September 12, 2013	10:15	7.64		24.58	4.30
September 18, 2013	10:02	7.40		19.86	4.90

September 26, 2013	09:38	7.55		19.02		4.65
October 7, 2013	10:14	—	NAP	—	NAP	—
November 18, 2013	10:26	7.59		8.80		10.80
2014						
January 14, 2014	10:20	7.33		0.71		11.05
February 6, 2014	10:29	6.87		-0.55		14.46
March 11, 2014	10:15	7.94		3.08		12.05
April 14, 2014	10:53	8.51		10.66		11.62
May 8, 2014	10:09	8.00		14.34		5.01
May 15, 2014	11:00	7.36		16.61		5.71
May 22, 2014	10:26	7.69		18.46		2.57
June 2, 2014	10:05	8.46		19.11		4.81
June 10, 2014	10:15	7.57		20.68		4.44
June 16, 2014	10:16	7.57		20.85		3.57
June 23, 2014	10:20	7.73		23.32		3.88
July 1, 2014	10:05	7.55		25.94		3.79
July 8, 2014	10:25	7.43		24.70		3.31
July 14, 2014	10:02	7.54		24.88		4.60
July 21, 2014	10:08	7.92		24.38		4.30
July 31, 2014	10:31	7.75		24.71		4.70
August 6, 2014	09:55	7.67		25.11		5.25
August 13, 2014	11:00	7.43		23.44		4.72
August 18, 2014	11:00	7.39		22.08		3.87
August 25, 2014	10:51	7.40		21.94		4.05
September 3, 2014	11:05	7.66		24.90		2.80
September 11, 2014	11:02	—	NAPEFAI/EQF	23.32		4.61
September 17, 2014	10:13	7.18		20.85		3.37
October 1, 2014	10:07	7.06		20.66		3.06
October 6, 2014	10:00	7.18		18.26		5.63
November 19, 2014	10:41	7.29		6.36		8.62
December 3, 2014	10:15	7.31		6.17		9.11

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	89.8	9.9	—	15
	69.0	4.4	—	36
[redacted]				
	77.9	11.1	—	20
	78.8	10.4	—	28
	56.9	7.2	—	20
	57.8	10.2	—	20
	51.6	9.1	—	13
	54.0	9.1	—	16
	56.5	—	—	11
	67.1	—	—	21
	47.8	—	—	34
	—	—	—	20
	44.4	—	—	28
	42.1	—	—	19
	31.1	6.76	—	19
	47.7	8.62	—	16
	27.5	10.10	—	31
	47.9	5.38	—	18
	61.6	10.85	—	30
	64.8	9.26	—	18
	65.2	10.39	—	17
	40.5	1.79	—	18
	46.0	4.21	—	12
	53.3	7.6	—	15
	69.7	9.9	—	9
	—	10.83	—	26
	65.2	6.18	—	30
	96.8	5.5	—	26
[redacted]				
	—	10.95	—	18
	92.2	12.9	—	45
	92.0	9.8	—	14
	—	2.5	—	11
	66.8	4.75	—	16
	79.1	8.55	—	34
	78.2	9.16	—	14
	53.1	11.61	—	23
	49.8	12.12	—	19
	64.5	10.85	—	38
	40.1	17.15	—	16
	53.5	11.77	—	22
	40.3	17.81	—	16
	46.1	11.87	—	24
	84.3	14.10	—	24
	—	—	—	33

28.4	12.75	—	40
59.8	14.53	—	34
—	—	—	14
48.6	16.58	—	26
42.4	18.43	—	58
64.0	18.09	—	26
45.9	20.52	—	30
83.0	3.07	—	39
88.9	5.23	—	43
[redacted]			
85.6	9.82	—	15
88.1	12.74	—	17
87.1	13.49	—	44
70.0	13.74	—	18
73.8	11.80	—	32
77.2	8.27	—	34
77.6	14.57	—	29
62.8	12.22	—	34
40.6	8.56	—	44
63.2	6.44	—	28
61.5	7.50	—	48
23.4	5.53	—	19
45.7	10.63	—	54
39.5	7.07	—	22
57.0	11.27	—	38
59.4	9.41	—	70
45.1	11.73	—	38
51.9	11.02	—	30
44.5	17.76	—	25
33.5	13.63	—	31
47.3	10.72	—	23
46.4	12.93	—	56
43.1	12.48	—	25
52.6	12.07	—	36
54.5	11.70	—	20
63.5	10.65	—	29
65.4	3.88	—	47
72.9	7.44	—	48
[redacted]			
73.5	5.28	—	15
78.8	11.40	—	36
76.2	18.87	—	50
63.8	10.73	—	12
91.1	14.13	—	36
104.6	9.45	—	13
70.5	2.08	—	24
80.2	9.60	—	72
45.2	10.32	—	32
55.7	15.47	—	24

	59.7		18.32	—	59	
	35.2		14.39	—	20	
	52.2		16.30	—	52	
	58.8		15.78	—	42	
	73.8		16.28	—	25	
	79.8		16.78	—	18	
	90.2		13.86	—	44	
	80.6		10.95	—	28	
	—		—	—	52	
	97.9		11.55	—	24	
	58.9		11.37	—	32	
	72.9		8.19	—	18	
	87.7		8.87	—	28	
	50.9		10.27	—	30	
	45.6		11.52	—	38	
	42.9		11.87	—	28	
	41.1		12.33	—	18	
	27.2		13.37	—	52	
	42.2		16.50	—	33	
	42.5		14.44	—	40	
	45.4		11.50	—	20	
	38.1		15.17	—	157	
	54.6		12.73	—	26	
	66.6		9.99	—	34	
	53.1		13.00	—	19	
	47.4		10.62	—	20	
	32.1		10.94	—	16	
	56.3		13.25	—	14	
	72.0		12.91	—	33	
	88.2		15.12	—	27	J-QC/FFB
	92.0		16.02	—	54	
	108.7		17.41	—	22	J-QC/FFD/RPO
	101.6		12.34	—	15	
NAPEFAI/EQF	—	NAPEFAI/EQF	7.97	—	21	
NAPEFAI/EQF	—	NAPEFAI/EQF	7.52	—	37	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	11.94	—	40	
NAPEFAI/EQF	—	NAPEFAI/EQF	8.96	—	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	10.30	—	16	
	45.3		7.32	—	16	
	60.9		9.43	—	26	J-QC/FLD/RPO
	45.2		10.65	—	34	
	49.5		9.51	—	26	
	35.3		7.39	—	32	
	42.5		9.27	—	23	
NAPEFAI/EQF	—	NAPEFAI/EQF	8.62	—	34	
NAPEFAI/EQF	—	NAPEFAI/EQF	9.76	—	18	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	9.18	—	18	
NAPEFAI/EQF	—	NAPEFAI/EQF	12.88	—	30	J-QC/FFD/RPO

NAPEFAI/EQF	—	NAPEFAI/EQF	11.15		—	20	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	13.44		—	50	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	17.39		—	30	
	82.1		13.70		—	36	
[redacted]							
	87.4		4.75		—	NA 22	
	112.1		7.72		—	NA 37	
	60.3		4.60		—	NA 13	
	88.2		6.42		—	NA 22	J-QC/FLD/RPO
	61.7		8.75		—	NA 50	J-QC/FLD/RPO
	73.6		8.89		—	NA 40	
	60.3		10.44		—	NA 26	J-QC/FFB/FFDRPO
	47.2		12.85		—	NA 40	J-QC/FFB
	46.7		13.90		—	NA 54	
	44.6		10.67		—	NA 36	J-QC/FFD/RPO
	56.0		14.77		—	NA 48	J-QC/FFD/RPO
	53.1		17.90		—	NA 48	
	58.8		12.09		—	NA 48	
	71.9		16.28		—	NA 63	
	45.5		13.33		—	NA 48	
	52.6		17.48		—	NA 56	
	35.2		15.05		—	NA 90	J-QC/FFD/FLDRPO
	54.0		19.04		—	NA 49	
	43.2		—	NAPEFAI/EQF	—	NA 38	
	47.1		15.96		—	NA 44	
	70.9		15.48		—	NA 48	
	71.1		17.98		—	NA 52	
	68.3		12.28		—	NA 22	
	94.1		16.52		—	NA 20	
	95.1		11.14		—	NA 52	
[redacted]							
	88.3		13.30		—	NA 42	
	110.3		10.06		—	NA 12	
	119.6		7.69		—	NA 12	
	85.3		7.56		—	NA 14	
	58.9		6.22		—	NA 29	J-QC/FFD/RPO
	56.4		4.47		—	NA 47	J-QC/FFD/FLDRPO
	59.1		7.05		—	NA 51	
	46.2		2.02		—	NA 26	
	62.2		8.53		—	NA 50	
	49.8		10.55		—	NA 23	
	46.2		9.18		—	NA 46	
	43.2		9.69		—	NA 36	
	65.7		12.35		—	NA 52	
	44.3		16.79		—	NA 42	
	60.1		12.25		—	NA 31	
	41.3		8.33		—	NA 48	
	46.4		1.08		—	NA 18	
	56.0		10.72		—	NA 38	
	67.0		5.53		—	NA 28	

	74.3		9.39	—	NA	44	
	85.7		5.80	—	NA	67	
	88.4		14.50	—	NA	45	
	82.4		12.07	—	NA	53	
	100.8		11.74	—	NA	35	J-QC/FLD/RPO
	71.5		12.10	—	NA	58	
	86.1		10.21	—	NA	45	J-QC/FLD/RPO
	62.7		12.41	—	NA	93	
	76.1		10.64	—	NA	46	
	72.1		13.05	—	NA	30	
	41.7		9.73	—	NA	40	
	29.7		12.37	—	NA	48	
	88.1		9.96	—	NA	30	
	53.1		13.23	—	NA	36	
	31.3		9.80	—	NA	24	
	54.9		15.51	—	NA	64	
	43.9		14.46	—	NA	76	
	38.7		15.05	—	NA	53	J-QC/FLD/RPO
	94.7		14.03	—	NA	60	
	73.9		14.26	—	NA	42	J-QC/FLD/RPO
	49.4		17.27	—	NA	31	J-QC/FLD/RPO
	51.6		15.97	—	NA	100	J-QC/FLD/RPO
	42.4		14.14	—	NA	60	
	60.6		20.59	—	NA	70	J-QC/FLD/RPO
	77.4		17.28	—	NA	48	
	79.5		14.78	—	NA	38	
	101.7		9.31	—	NA	34	
	93.3		10.00	—	NA	28	
	68.2		14.87	—	NA	17	
	55.0		10.49	—	NA	14	
	54.2		14.55	—	NA	44	J-QC/FLD/RPO
	52.2		7.04	—	NA	23	J-QC
	42.6		4.08	—	NA	39	
	34.2		1.48	—	NA	22	
	58.3		7.71	—	NA	38	
	56.1		9.90	—	NA	33	J-QC/FFD/RPO
	30.4		7.46	—	NA	15	
	59.2		19.82	—	NA	51	J-QC/FFD/FLDRPO
	48.1		10.48	—	NA	56	
	62.8		14.63	—	NA	50	J-QC
	71.5		13.49	—	NA	76	J-QC
	53.5		14.37	—	NA	78	J-QC/FLD/RPO
	64.1		15.37	—	NA	66	J-QC/FFD/RPO
	46.7		16.18	—	NA	57	
	55.7		12.85	—	NA	24	
	60.8		20.75	—	NA	48	J-QC/FLD/RPO

[redacted]	54.5	[redacted]	13.75		—	NA	33	[redacted]
NAP	—	NAP	—	NAP	—	NA	56	
[redacted]	108.6	[redacted]	23.30		—	NA	42	
[redacted]								
	83.5		11.52		—	NA	37	J-QC/FFB
	102.7		10.91		—	NA	36	J-QC
	97.2		11.77		—	NA	32	J-QC/FFD/RPO
	110.8		9.28		—	NA	20	
	49.8		2.82		—	NA	25	
	62.3		10.15		—	NA	36	
	32.2		3.83		—	NA	42	
	54.2		7.96		—	NA	36	
	51.8		7.79		—	NA	27	
	42.1		9.49		—	NA	80	J-QC/FFB/FLDRPO
	47.6		8.91		—	NA	41	J-QC/FFD/FLDRPO
	49.7		11.56		—	NA	34	J-QC/FLD/RPO
	41.4		7.67		—	NA	35	
	60.2		14.52		—	NA	76	
	53.7		7.73		—	NA	44	
	60.9		13.20		—	NA	44	
	68.1		11.52		—	NA	56	J-QC/FFB
	62.2		20.08		—	NA	66	
	47.9		13.43		—	NA	35	
	52.1		20.54		—	NA	36	
	36.3		11.15		—	NA	40	J-QC/FLD/RPO
	60.5		20.22		—	NA	52	J-QC/FLD/RPO
	41.1		14.93		—	NA	37	
	37.3		15.83		—	NA	61	
	66.2		20.54		—	NA	54	
	76.3		13.39		—	NA	42	J-QC
	80.8		22.66		—	NA	58	J-QC
[redacted]								

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
2.49	<2	1.49	0.091
3.88	<2	2.43	0.069
3.39	2	1.22	0.085
3.12	2	1.48	0.123
0.96	2	1.35	0.149
0.40	2	0.72	0.142
1.50	2	0.80	0.435
1.68	2	1.08	0.337
1.40	3	0.44	0.317
1.47	<2	1.26	0.280
3.85	<2	—	0.050
4.58	<2	<0.19	0.353
3.95	6	<0.19	0.168
5.30	9	1.12	—
0.99	5	0.52	0.175
4.02	6	0.45	0.463
4.08	6	<0.19	0.205
3.40	4	<0.19	0.152
1.51	3	0.40	0.141
2.06	3	<0.19	0.191
1.83	<2	<0.19	0.143
2.08	3	1.05	0.138
2.00	<2	0.79	0.190
2.82	<2	1.10	0.165
2.34	4	0.90	0.169
2.31	<2	1.29	0.264
2.07	<2	2.40	0.187
1.68	<2	1.86	0.127
2.69	5	1.15	0.059
1.68	5	<0.19	0.035
3.31	5	1.51	0.058
1.10	<2	<0.19	0.053
5.34	<2	2.02	0.134
2.00	5	<0.19	0.096
2.84	3	1.09	0.197
5.05	3	1.90	0.659
2.03	<2	0.56	0.202
2.01	8	<0.27	0.560
1.51	<2	<0.27	0.144
2.23	<2	<0.27	0.304
1.71	<2	<0.27	0.169
2.38	6	<0.27	0.234
2.00	<2	<0.27	0.122
1.98	4	0.57	0.139

2.77	<2	0.52	0.238
2.19	<2	<0.27	0.177
2.23	—	0.45	0.320
1.80	<2	<0.27	0.319
1.80	<2	0.28	0.241
1.98	<2	0.45	0.293
1.79	5	0.51	0.270
1.55	<2	<0.27	0.118
3.88	<2	<0.27	0.050
[redacted]			
2.09	5	0.45	0.075
2.90	<2	0.73	0.142
2.62	<2	1.29	0.139
1.85	9	—	0.172
3.09	7	<0.295	0.186
4.61	8	<0.295	0.199
1.52	—	<0.295	0.128
3.82	—	<0.295	0.193
3.13	3	<0.295	0.198
2.34	<2	<0.295	0.146
1.52	5	<0.295	0.799
2.16	<2	<0.295	0.277
1.51	<2	<0.295	0.096
2.81	—	<0.295	0.384
1.66	<2	<0.295	0.258
2.11	4	<0.295	0.152
2.11	<2	<0.295	0.181
3.04	—	0.78	0.329
1.92	<2	<0.295	0.121
3.79	—	0.35	0.172
2.01	—	<0.295	0.257
1.60	—	0.76	0.254
1.90	—	<0.295	0.192
2.01	—	<0.295	0.318
2.23	3	1.34	0.318
2.04	<2	0.90	0.333
2.09	5	<0.295	—
2.31	<2	<0.295	0.119
[redacted]			
4.23	<2	<0.295	0.121
1.68	<2	<0.295	0.067
2.30	5	2.30	0.055
3.93	9	<0.295	0.095
1.84	<2	1.17	0.051
1.56	<2	0.777	0.081
<1.50	—	0.745	0.085
1.94	4	1.10	0.129
2.01	<2	0.718	0.233
1.39	<2	7.12	0.180

1.23		<2		5.28		0.188
1.01		<2		1.12		0.393
2.12		—		1.24		0.364
1.71		<2		1.04		0.452
0.56		<2		0.385		0.282
2.82		<2		0.452		0.229
[redacted]						
2.05		<2		1.23		0.096
3.56		<2		1.33		0.085
4.20		<2		1.56		0.082
1.47		<2		0.935		0.035
2.01		<2		0.510		0.151
3.15		<2		1.046		0.216
1.78		<2		0.162		0.147
1.73		<2		0.612		0.164
2.31		<2		0.650		0.472
1.34		<2		0.352		0.232
1.67		<2		0.244		0.189
1.78		<2		0.768		0.202
0.42		<2		0.414		0.159
1.42		6		0.792		0.170
3.02		3		0.068		0.338
4.97		<2		0.686		0.182
2.18		<2		0.731		0.286
2.37		<2		0.189		0.433
1.91		<2		0.640		0.174
2.42		<2		0.057		0.304
2.26		<2		0.417		0.297
2.88		<2		1.67		0.300
1.83		<2		1.64		0.180
[redacted]						
1.79	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	1.51	J-QC/FSL/FMS	0.052
2.94	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	1.96	J-QC/FMS	0.065
1.71	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.893	J-QC/FFB	0.057
2.67	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.715		0.125
4.32	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	2.20		0.189
2.59	BJ-QC/FBK/FFBFLS	<2	K	1.82		0.250
1.92	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.043		0.227
2.60	B/FBK	<2	K	1.17	J-QC/FFB	0.347
2.18	J-QC/FFD/RPO	<2	K	0.731		0.337
1.46	J-QC/FLS	<2	KJ-QC/FLS	0.122		0.146
1.25	B/FBK	<2	K	0.127		0.014
1.70	BJ-QC/FBK/FLS	<2	K	0.244		0.156
1.81		<2	KJ-QC/FLS	0.478		0.204
2.30	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.370
1.34	J-QC/FFD/RPOFLS	<2	K	0.275		0.183
2.02	BJ-QC/FBK/FFB	<2	K	0.025	J-R	0.182
2.00	BJ-QC/FBK/FFBFLS	<2	K	0.397		0.161
2.34	BJ-QC/FBK/FFBFLS	<2	K	0.880		0.212
2.00	BJ-QC/FBK/FFBFLDRPO	<2	K	<0.018	KJ-QC/FSL	0.153

3.63	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFD/RPOFLS	<0.018	K	0.273
1.76	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.519		0.172
0.55	BJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FLS	0.432		0.159
1.73	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.787		0.184
[redacted]						
2.43	BJ-QC/FBK/FFBFLS	<2	K	0.979		0.0475
2.28	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.553		0.0522
3.82	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	1.49	J-QC/FSL	0.1691
2.08	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	1.67		0.1746
2.01	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.724		0.1904
2.97	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	1.23		0.202
0.47	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.900		0.212
2.38	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.880		0.176
2.31	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.694		0.1230
2.76	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.744		0.1527
1.24	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.277		0.1199
0.54	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.292		0.0767
2.63	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.755		0.1957
1.78	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.649		0.1120
2.03	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.854		0.1748
0.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.493		0.0886
1.72	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.624		0.0915
0.63	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.482		0.0575
2.04	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.938		0.1963
1.91	BJ-QC/FBK/FFBFLS	<2	K	0.823		0.1877
2.74	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	1.12		0.2110
0.71	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.671		0.1863
1.74	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.477		0.1588
0.68	BJ-QC/FBK/FFBFLSEHT	<2	K	0.377		0.0858
2.37	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.568		0.1303
[redacted]						
3.50	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0175	K	0.1180
5.06	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	2.125		0.0997
3.15	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	1.507		0.0728
4.29	BJ-QC/FBK/FFB	3	J-QC/FLS	1.880		0.0835
2.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.964		0.1801
3.75	BJ-QC/FBK/FFB	<2	K	1.562		0.1254
3.42	BJ-QC/FBK/FFBFLS	<2	K	<0.0293	K	0.1620
2.75	BJ-QC/FBK/FFB	3		1.225		0.1606
1.70	BJ-QC/FBK/FFB	<2	K	0.495		0.1249
1.67	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.599		0.2214
0.67	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.822		0.1762
2.30	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.746		0.2117
2.04	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.054	J-RJ-QC/FFD/RPO	0.1545
1.19	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.457	J-QC/FFB	0.0838
2.07	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.142		0.3440
2.05	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.528		0.1847
2.01	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.185		0.2205
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.345		0.1245
2.64	BJ-QC/FBK/FFBFLS	<2	K	0.041	J-R	0.1512

3.62	BJ-QC/FBK/FFBFFDRPO	—	A/LBF	0.890		0.1161
2.73	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.760		0.0794
1.96	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.647		0.0513
2.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	1.247	J-QC/FSL	0.0771
3.79	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	2.055		0.1050
2.80	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	1.715		0.1767
7.37	BJ-QC/FBK/FFBFFDRPO	<2	K	1.940		0.1986
4.79	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.042	J-RJ-QC/FMS	0.1698
4.12	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	1.355	J-QC/FMS	0.1950
2.11	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.737		0.1917
2.29	BJ-QC/FBK/FFBFLS	<2	K	1.417	J-QC/FMS	0.3087
1.97	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.408		0.2887
1.82	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.481	J-QC/FMS	0.3574
1.15	BJ-QC/FBK/FFB	<2	K	0.204	J-QC/FMS	0.1466
1.98	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.581	J-QC/FSL/FMS	0.2197
0.89	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.185	J-QC/FSL/FMS	0.0922
1.93	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.787		0.1201
0.80	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-HT/EHT	1.241		0.1443
2.24	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.417	J-QC/FSL	0.1590
2.29	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.586		0.1623
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	3		0.364		0.1056
1.77	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.760		0.1613
3.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.861		0.2542
0.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QCJ-HT/FLS/EHT	0.301		0.1644
—	NA	<2	KJ-QC/FLS	1.275	J-QC/FMS	0.2102
—	NA	<2	KJ-HT/EHT	1.581	J-QC/FMS	0.2352
—	NA	<2	KJ-QC/FMS	2.007	J-QC/FMS	0.1493
—	NA	<2	KJ-QCJ-HT/FMS/EHT	1.563	J-QC/FMS	0.0992
—	NA	<2	KJ-QC/FMS	0.749		0.1615
3.60	BJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	1.748		0.2293
1.95	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.834		0.1637
3.92	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	1.118	J-QC/FSL/FMS	0.2575
3.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	1.056	J-QC/FMS	0.1842
3.38	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	1.169	J-QC/FMS	0.1600
1.77	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.443	J-QC/FMS	0.1154
1.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.428		0.1437
2.90	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	1.718	J-QC/FFD/RPO	0.3070
1.36	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0972
2.12	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.325	J-QC/LLS/FSL	0.3041
1.35	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.1235
1.84	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QCJ-HT/FMS/EHT	0.096	J-RJ-QC/LLS	0.1446
1.70	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.380	J/LLS	0.1294
1.92	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.247	J/LLS	0.1462
0.82	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.301	J-QC/LLS/FFDRPO	0.1045
2.18	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.808		0.2355
1.57	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.446		0.0818

2.00	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	1.224		0.2894
1.12	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.187	J/LLS	0.1157
0.77	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.511		0.1170
3.99	BJ-QC/FBK/FFBFMS	<2	K	1.496		0.0862
4.01	BJ-QCJ-HT/FBK/FFBFMS	<2	K	2.640	J-QC/FFB	0.0736
3.95	BJ-QC/FBK/FFB	<2	KJ-HT	0.281	J/LLS	0.0684
2.61	BJ-QC/FBK/FFB	<2	KJ-HT	0.424	J-QC/FFB	0.0480
2.81	BJ-QC/FBK/FFB	<2	K	0.932	J-QC	0.0712
1.94	BJ-QC/FBK/FFB	<2	K	1.045	J-QC/FFB	0.0819
3.03	BJ-QC/FBK/FFBFMS	<2	K	1.432	J-QC/FFB	0.1847
2.46	BJ-QC/FBK/FFBFLDRPO	<2	K	1.102	J-QC/FSL	0.1958
2.91	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	1.011	J-QC/FFB	0.2202
1.94	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-HT	0.835	J-QC/FFB	0.1907
1.94	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.691	J-QC/FFB	0.2395
2.74	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	0.033	J-R/LLS	0.1891
1.50	BJ-QC/FBK/FFB	<2	K	0.641		0.3003
1.15	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.089	J/LLS	0.1353
3.41	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.362	J/LLS	2.6508
1.18	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.050	J-R/LLS	0.1043
1.96	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	KJ-QC/FMS	0.1735
0.77	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0549
2.00	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.329	J/LLS	0.1124
0.58	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	<0.0267	KJ-QC/FFD/RPO	0.0924
2.69	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	0.697	J-QC/FFD/RPO	0.1938
0.78	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.206	J/LLS	0.0798
1.90	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.701	J-QC/FFB/FSL	0.2279
2.15	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	K	1.131		0.1946
0.73	BJ-QCJ-HT/FBK/FFB	<2	KJ-QCJ-HT	0.532	C/FFB/FLDRPOFSLF	0.1482
2.74	BJ-QC/FBK/FFBFMS	<2	K	2.077	J-QC	0.1767
2.16	BJ-QCJ-HT/FBK/FFBFMS	<2	K	1.446		0.1672

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	1.25	0.344	0.29	—
	1.40	0.393	0.24	—
[redacted]				
	1.59	0.196	0.35	—
	1.62	0.303	0.29	—
	1.97	0.283	0.27	—
	1.26	0.333	0.24	—
	2.62	0.346	0.33	—
	0.88	0.561	0.55	—
	1.10	0.496	0.56	—
	0.81	0.796	0.73	—
	—	0.680	0.65	—
	1.01	0.547	0.65	—
	1.02	0.617	0.59	—
	—	0.588	0.68	—
	0.42	0.554	0.48	—
	0.85	0.543	0.46	—
	1.10	0.505	0.52	—
	1.44	0.463	0.56	—
	1.00	0.415	0.41	—
	1.31	0.58	0.52	—
	1.57	0.426	0.41	—
	0.60	0.413	0.38	—
	0.85	0.515	0.34	—
	1.25	0.340	0.22	—
	2.19	0.286	0.25	—
	1.80	0.395	0.36	—
	1.77	0.538	0.45	—
	1.44	0.333	0.26	—
[redacted]				
	1.13	0.190	0.19	—
	1.23	0.208	0.22	—
	1.04	0.204	0.18	—
	0.99	0.194	0.22	—
	1.20	0.461	0.35	—
	1.21	0.266	0.29	—
	1.21	0.282	0.27	—
	1.11	0.475	0.43	—
	1.27	0.354	0.33	—
	1.36	0.524	0.51	—
	1.28	0.564	0.34	—
	0.87	0.758	0.72	—
	0.97	0.558	0.58	—
	0.59	0.767	0.71	—
	0.76	0.395	0.60	—
	0.44	0.868	0.84	—

0.50	0.924	0.80	—
0.71	0.690	0.68	—
0.63	0.685	0.58	—
0.51	0.563	0.61	—
1.05	0.678	0.69	—
0.85	0.554	0.69	—
2.09	0.702	0.54	—
1.09	0.321	0.53	—
1.44	0.390	0.36	—
[redacted]			
1.61	0.196	0.18	—
1.39	0.165	0.20	—
2.28	0.307	0.37	—
1.62	0.362	0.26	—
1.28	0.197	0.30	—
1.70	0.386	0.39	—
1.26	0.294	—	—
1.09	0.418	—	—
0.82	0.530	0.60	—
0.79	0.707	0.61	—
1.12	0.731	0.72	—
1.01	0.800	0.76	—
0.83	0.548	0.55	—
0.62	0.742	—	—
0.66	0.536	0.53	—
0.65	0.440	0.65	—
0.31	0.737	0.76	—
1.02	0.555	0.48	—
0.55	0.440	0.47	—
0.65	0.561	0.58	—
0.59	0.566	—	—
1.08	0.431	—	—
0.84	0.197	—	—
0.79	0.416	—	—
0.79	0.448	0.48	—
1.06	0.445	0.42	—
—	0.648	0.69	—
1.92	0.273	0.49	—
[redacted]			
1.48	0.359	0.33	—
1.21	0.150	2.57	—
1.55	0.283	0.27	—
0.619	0.296	0.18	—
0.829	0.226	0.17	—
1.53	0.155	0.12	—
0.800	0.327	0.20	—
0.138	0.362	0.18	—
0.720	0.573	0.50	—
0.605	0.413	0.32	—

	1.22		0.322		—	—
	1.11		0.42		0.38	—
	1.30		0.41		0.41	—
	1.64		0.44		0.37	—
	1.71		0.31		0.28	—
	1.71		0.35		0.30	—
[redacted]						
	1.14		0.24		0.19	—
	1.66		0.30		0.28	—
	1.57		0.17		0.76	—
	0.982		0.10		0.10	—
	1.36		0.29		0.20	—
	1.96		0.24		0.28	—
	1.46		0.30		0.20	—
	0.932		0.33		0.31	—
	1.56		0.38		0.42	—
	0.889		0.42		0.37	—
	1.01		0.56		0.56	—
	0.865		0.63		0.55	—
	0.729		0.54		0.51	—
	0.740		0.65		0.61	—
	0.716		0.67		0.62	—
	5.83		0.68		0.60	—
	0.789		0.60		0.47	—
	0.779		0.50		0.50	—
	0.094		0.36		0.35	—
	0.871		0.43		0.39	—
	0.828		0.37		0.37	—
	1.64		0.34		0.30	—
	1.43		0.19		0.20	—
[redacted]						
	1.19		0.17	J-QC/FFB	0.15	—
	1.27	J-QC/FLS	0.05		0.18	—
	1.16		0.14		0.15	—
	1.48		0.39	J-QC/FFB	0.17	—
	1.23		0.39		0.34	—
J-QC/FFB	1.38		0.38		0.35	—
	1.73		0.35		0.28	—
	2.04		0.36		0.36	—
	1.37		0.27		0.27	—
	1.07		0.30		0.28	J-QC/FFB —
J-QCJ-HT/FFB/EHT	0.672		0.41		0.36	—
	0.806	J-QC/FFB	0.43		0.41	—
	0.901		0.45		0.40	—
J-QC/FFB	0.742		0.54		0.48	—
	0.851		0.45		0.40	—
	0.814		0.54		0.54	—
	0.911		0.48	J-QC/FFD/RPO	0.45	—
J-QC/FFB	0.667		—	NAP	0.53	J-QC/FFB —
J-QC/FFB	0.746		0.40		0.40	—

	0.864		0.35	J-QC/FFB	0.39		—	
	1.00		0.33	J-QC/FFB	0.30		—	
J-QC/FFB	1.21		0.28		0.23		—	
	1.42		0.27		0.24		—	
[redacted]								
	0.973		0.16		0.13		—	NA
J-QC/FFB	0.842		0.18		0.15		—	NA
	1.20		0.30		0.27		—	NA
	1.02		0.33		0.32		—	NA
	0.992	J-QC/FFB	0.31		0.30		—	NA
	1.24		0.28		0.27		—	NA
	0.974		0.35		0.30		—	NA
	0.917		0.41		0.37		—	NA
J-QC/FFB	0.844		0.41		0.39		—	NA
	1.028		0.49		0.44		—	NA
	0.848		0.38		0.37		—	NA
	0.910		0.43		0.38		—	NA
J-QC/FFB	0.472		0.66		0.49		—	NA
	0.528		0.52		0.50		—	NA
	0.529		0.59		0.61		—	NA
J-QC/FFB	0.522		0.48		0.45		—	NA
J-QC/FFB	0.690		0.60		0.55		—	NA
	0.805	J-QC/FFD/RPO	0.38		0.35		—	NA
J-QC/FFB	0.944		0.50		0.46		—	NA
	1.07		0.39		0.36		—	NA
	1.02		0.43		0.38		—	NA
J-QC/FFB	0.978		0.32		0.28	J-QC/FLS	—	NA
	1.99		0.35	J-QC/FFD/RPO	0.29		—	NA
J-QC/FFB	1.34		0.19		0.16		—	NA
	2.11		0.25	J-QC/FFB	0.19		—	NA
[redacted]								
	1.9600	J-QC/FLS	0.27		0.19		—	NA
J-QC/FFB	1.2900		0.23	J-QC/FFB/FLS	0.14		—	NA
	3.0921		0.13	J-QC/FFD/RPO	0.12		—	NA
	0.4087		0.18		0.15		—	NA
	<0.0267	K	0.24		0.22		—	NA
J-QC/FFB	0.8302		0.32		0.17	J-QC/FFB/FFDRPO	—	NA
	1.2300		0.20		0.20		—	NA
J-QC/FFD/RPO	1.0909	J-QC/FFB/FLS	0.32		0.30		—	NA
	0.8240		0.33	J-QC/FFD/RPO	0.29		—	NA
	0.7154	J-QC/FLS	0.31	J-QC/FFD/RPO	0.29		—	NA
J-QC/FFB	0.8877		0.29	J-QC/FFD/RPOFLS	0.29		—	NA
J-QC/FFB	0.1569	J-QC/FLS	0.37		0.30	J-QC/FFB	—	NA
J-QC/FFB	0.5403	J-QC/FLS	0.45		0.45		—	NA
J-QC/FFB	0.5566		0.37	J-QC/FFB	0.36		—	NA
J-QC/FFB	0.9332	J-QC/FFB	0.40		0.46	J-QC/FFB	—	NA
J-QC/FFB	0.8502		0.39	J-QC/FLS	0.32		—	NA
	0.8279	J-QC/FLS	0.15	J-QC/FLS	0.20		—	NA
J-QC/FFB	0.9447		0.14	J-QC/FFB/FLDRPO	0.13		—	NA
J-QC/FFB	2.1066		0.20	J-QC/FFB/FLS	0.14		—	NA

J-QC/FFB	1.3983		0.14	J-QC/FLS	0.12		—	NA
J-QC/FFB	1.4853		0.25		0.13		—	NA
[redacted]								
J-QC/FFB	0.9428		0.10	J-QC/FFD/RPO	0.09	J-QC/FFD/RPO	—	NA
J-QC/FFB	1.5939	J-QC/FFB	0.12		0.11		—	NA
J-QC/FFB	1.5085	J-QC/FLS	0.14		0.10		—	NA
J-QC/FFB	1.9674		0.23		0.18		—	NA
J-QC/FFB	1.6825	J-QC/FFB	0.20		0.16		—	NA
J-QC/FFB	1.4003	J-QC/FFB	0.17		0.15		—	NA
J-QC/FFB	1.5893	J-QC/FLS	0.19		0.17		—	NA
J-QC/FFB	1.3390	J-QC/FFD/RPO	0.18		0.16		—	NA
	1.1871		0.37		0.25		—	NA
J-QC/FFB	1.2505		0.24	J-QC/FFB	0.19		—	NA
J-QC/FFB	1.1525		0.25		0.22	J-QC/FFB	—	NA
J-QC/FFB	1.3279		0.20		0.19		—	NA
	1.2817	J-QC/FLS	0.34		0.32		—	NA
J-QC/FFB	0.8094		0.31		0.31		—	NA
	2.7203		0.40		0.42		—	NA
J-HT/EHT	1.1549	J-QC/FLS	0.38		0.34		—	NA
	1.2423	J-QC/FFB	0.33	J-QC/FLS	0.27	J-QC/FLS	—	NA
	0.7938		0.33	J-QC/FFD/RPO	0.30		—	NA
	0.8159	J-QC/FLS	0.25		0.25		—	NA
	0.8665		0.34		0.26		—	NA
	0.9569		0.27		0.26		—	NA
	1.1108		0.20		0.19		—	NA
J-QC/FFB	1.3650		0.18		0.16		—	NA
J-QC/FFB	1.6430		0.18		0.16		—	NA
[redacted]								
J-QC/FFB	1.7532	[redacted]	0.24	J-QC	0.20	J-QC/FFD/RPO	—	NA
J-QCJ-HT/FFB/EHT	1.9345	J-QC/FFB	0.15	[redacted]	0.10	J-QC/FLD/RPO	—	NA
J-QC/FFB	0.8889	[redacted]	0.17		0.18	J-QC/FSL	—	NA
[redacted]	1.1505	J-QC/FFB	0.33		0.31	J-QC	—	NA
J-QC/FFB	1.2785	J-QC/FLS	0.24		0.21	J-QC/FFB	—	NA
J-QC/FFB	0.9826	J-QC/FFB	0.36		0.32	J-QC/FLD/RPO	—	NA
[redacted]	0.6969	[redacted]	0.34		0.35	J-QC/FLD/RPO	—	NA
J-QC/FFB	0.7707		0.48		0.43	J-QC	—	NA
J-QC/FFB	0.8325	CJ-HT/FFD/RPOE	0.28	J-QC/FLD/RPO	0.28		—	NA
J-QC/FFB	0.7125		0.36	[redacted]	0.29	J-QC/FMS	—	NA
J-QC/FFB	0.6638		0.50	J-QC/FSL	0.46	J-QC	—	NA
[redacted]	0.6398	J-QC/FLS	0.32	[redacted]	0.25		—	NA
[redacted]	0.8986	J-QC/FFB	0.38	J-QC/FFB/FSL	0.36		—	NA
[redacted]	0.7922	J-QC/FFB	0.30		0.29		—	NA
J-QC/FFB	0.8530	J-QC	0.32		0.31		—	NA
J-QC/FFB	0.9209		0.27		0.26		—	NA
J-QC/FFB	0.8989		0.30		0.33		—	NA
J-QC/FFB	0.9938		0.27		0.25		—	NA
J-QC/FFB	0.8667		0.34	J-QC	0.30	J-QC/FFD/RPO	—	NA
[redacted]	0.9176		0.22	[redacted]	0.22	J-QC	—	NA

[redacted]	1.1674	J-QC/FLS	0.30	[redacted]	0.25	J-QC/FFB	—	NA
J-QC/FFB	0.9733	J-QCJ-HT/EHT	0.20	J-QC/FMS	0.19		—	NA
[redacted]	1.3726	J-QC/FLS	0.21	[redacted]	0.18		—	NA
[redacted]								
	1.4554	J-QC/FFB/FLS	0.18		0.15		—	NA
J-QC/FFB	1.3838		0.16		0.14		—	NA
J-QC/FFB	1.3040		0.20		0.16		—	NA
	0.9697	J-HT	0.16	J-QC	0.11	J-QC	—	NA
J-QC/FFB	0.7300	J-QC/FLS	0.40	J-QC/FFB/FMS	0.38		—	NA
J-QC/FFB	0.7378		0.23	J-QC/FFB/FMS	0.20	J-QC/FFB	—	NA
	0.8385	J-QC/FLS	0.41	J-QC	0.37	J-QC/FFB	—	NA
J-QC/FFB	1.0027		0.32		0.29		—	NA
J-QCJ-HT/FFB	0.9271		0.34		0.28		—	NA
J-QC/FFB	0.9996		0.31		0.28		—	NA
J-QC/FFB	0.8464		0.35		0.33		—	NA
J-QC/FFB	0.8921		0.33		0.31		—	NA
J-QC/FFB	0.8573		0.51	J-QC/FMS	0.46	J-QC/FMS	—	NA
	0.8005		0.35	J-QC/FFB	0.32		—	NA
J-QC/FFB	1.0016		0.47		0.45		—	NA
	0.7451		0.37		0.35		—	NA
	0.7971		0.42		0.39		—	NA
	0.6444		0.27		0.24		—	NA
J-QC/FFB	0.5617	J-HT	0.40		0.37		—	NA
	0.6904		0.28	J-QC/FMS	0.26		—	NA
	0.5348		0.51		0.46		—	NA
	0.6919		0.29	J-QC/FFB	0.27	J-QC	—	NA
J-QC/FFB	0.6869	J-HT	0.44	J-QC/FFB	0.39	J-QC	—	NA
J-QCJ-HT/FFB	0.8002		0.48		0.46		—	NA
J-QC/FFB	1.0314	J-HT	0.35		0.30		—	NA
J-QC/FFB	1.9126	J-QC/FLS	0.39		0.32		—	NA
J-QC/FFB	1.6343		0.31	J-QC/FMS	0.24		—	NA
[redacted]								

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
4.8	0.00	0.00
10.3	0.00	0.11
[redacted]		
21.0	0.45	0.45
27.0	0.00	0.00
9.0	0.00	0.00
8.0	0.00	0.24
6.2	0.00	0.00
4.9	0.00	0.10
6.6	0.31	0.31
4.4	0.00	0.00
7.8	0.00	0.18
6.9	0.57	0.57
6.3	0.00	0.00
4.5	0.85	0.85
8.6	0.02	0.02
33.5	0.00	0.00
11.0	0.00	0.45
29.5	0.00	0.00
7.8	0.10	0.10
22.6	0.03	0.03
9.6	0.00	0.00
9.4	0.00	0.00
9.0	0.00	0.00
11.5	0.00	0.00
8.3	0.78	0.78
7.8	0.00	0.00
7.5	0.00	0.66
6.6	0.00	0.00
[redacted]		
3.1	0.01	0.01
1.1	0.00	0.10
2.2	0.01	0.14
1.8	0.00	0.00
4.1	0.00	0.09
1.8	0.00	0.00
2.9	0.00	0.00
4.2	0.00	0.00
—	0.00	0.40
4.1	0.00	0.00
3.8	0.83	0.83
6.3	0.00	0.00
6.5	0.00	0.00
6.5	0.00	0.07
6.4	0.00	0.00
5.8	0.00	0.01

6.2	0.00	0.08	[redacted]
5.6	0.00	0.00	
5.8	0.00	0.00	
5.0	0.01	0.01	
5.1	0.00	0.00	
5.1	0.05	0.05	
3.6	0.00	0.00	
3.8	0.00	0.03	
9.5	0.00	0.00	
[redacted]			
7.4	0.00	0.00	
7.8	0.00	0.00	
5.9	0.00	0.00	
7.3	0.00	0.00	
7.0	0.00	0.01	
14.3	0.00	0.00	
—	0.00	0.00	
—	0.54	0.93	
5.6	0.00	0.00	
5.1	0.00	0.00	
5.1	0.25	1.44	
5.1	0.33	2.38	
5.0	0.00	0.00	
—	0.36	0.36	
8.8	0.00	0.00	
8.5	0.15	0.15	
8.2	0.00	0.00	
9.1	0.00	0.02	
7.0	0.00	0.00	
7.2	0.62	1.01	
—	0.35	0.35	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
5.5	0.00	0.41	
5.0	0.00	0.00	
5.8	0.00	0.00	
4.2	0.00	0.00	
[redacted]			
3.8	0.00	0.00	
2.5	0.00	0.00	
2.0	0.02	0.14	
6.4	0.00	0.00	
3.8	0.25	0.25	
3.6	0.17	0.27	
4.4	0.00	0.00	
4.1	0.00	0.00	
5.8	0.03	0.32	
3.9	0.00	0.00	

3.3		0.05	0.05
8.9		0.00	0.00
8.4		0.00	0.00
8.2		0.00	0.00
9.2		0.00	0.22
6.1		0.08	0.57
[redacted]			
4.7		0.00	0.00
4.6		0.08	0.08
2.4		0.00	0.00
5.4		0.00	0.00
5.6		0.00	0.00
6.3		0.00	0.00
6.4		0.15	0.20
7.4		0.00	0.00
7.4		0.00	0.01
6.9		0.04	0.21
17.8		0.01	0.83
8.0		0.00	0.00
7.5		0.00	0.00
7.7		0.00	0.00
6.6		0.00	1.17
6.2		0.00	0.00
6.8		0.00	0.00
5.6		0.00	0.00
4.4		0.00	0.00
5.8		0.00	0.00
4.5		0.00	0.17
7.6		0.15	0.38
5.1		0.12	1.05
[redacted]			
5.8		0.00	0.00
6.2		0.00	0.00
5.8	J-QC/FFB	0.00	0.15
7.2		0.00	0.00
8.4	J-QC/FFD/RPO	0.54	1.15
7.8		0.00	0.00
7.0		0.00	0.00
10.1		0.00	0.00
6.9		0.00	0.00
—	NAPEFAI/EQF	0.00	0.66
6.9		0.00	0.20
7.9		0.00	0.00
7.0		0.15	1.69
7.0		0.00	1.70
8.0	J-QC/FFB	0.41	0.42
7.4	J-QC/FFB	0.00	0.00
7.3	J-QC/FFB	0.01	0.11
7.3	J-QC/FFB	0.00	0.00
6.4	J-QC/FFB	0.00	0.00

6.9	J-QC/FFB	0.00	0.00
5.9	J-QC/FFB/FFDRPO	0.00	0.00
5.4		0.00	0.00
5.4	J-QC/FFB	0.00	0.00
[redacted]			
7.70	J-QC/FFB	0.00	0.01
6.50		0.00	0.00
8.11		0.03	2.06
7.31		0.00	0.00
6.00		0.01	1.44
6.60	J-QC/FFB	0.00	0.00
6.84	J-QC/FFB	0.00	0.00
6.42	J-QC/FFB	1.11	1.11
6.30	J-QC/FFB	0.00	0.00
7.01	J-QC/FFB	0.00	0.00
6.20		0.00	0.00
4.90	J-QC/FFB	0.00	0.17
6.80	J-QC/FFB	0.05	0.05
5.40	J-QC/FFB	0.00	0.28
6.20	J-QC/FFB	0.00	0.04
5.80	BJ-QC/FBK/FFB	0.00	0.00
6.60	J-QC/FFB	1.24	1.41
4.60	J-QC/FFB	0.34	1.06
6.20	B/FBK	0.00	0.00
5.30	BJ-QC/FBK/FFB	0.93	1.31
5.60	BJ-QC/FBK/FFB	0.00	0.00
4.70	BJ-QC/FBK/FFB	1.05	1.05
4.10		0.00	0.00
5.20	J-QC/FFB	0.00	0.00
6.10		0.00	0.00
[redacted]			
6.7		0.00	0.02
7.7	J-QC/FFB	0.00	0.00
8.2	J-QC/FFB	0.17	2.58
6.2	J-QC/FFB	0.64	1.31
5.1	B/FBK	0.00	0.00
5.8	BJ-QC/FBK/FFB	0.00	0.00
6.3	J-QC/FFB	0.01	2.40
5.5		0.00	0.00
4.6	J-QC/FFB	0.00	0.00
4.3	J-QC/FFB	0.04	0.05
5.1	J-QC/FFB/FFDRPO	0.00	0.00
5.4	J-QC/FFB	0.00	0.00
7.5	J-QC/FFB	0.39	0.39
4.6	J-QC/FFB	0.28	0.29
7.4	J-QC/FFB	0.00	0.12
5.6	J-QC/FFB	0.07	0.07
5.9	J-QC/FFB	0.00	0.00
5.1	J-QC/FFB	0.00	0.00
5.3		0.04	1.03

5.4		0.00	0.00
5.1		0.13	0.16
4.3		0.00	0.00
4.9	J-QC/FFB	0.00	0.00
5.4	BJ-QC/FBK/FFB	0.00	0.00
3.6	J-QC/FFB	0.00	0.00
4.2	J-QC/FFB	0.62	0.62
4.2	J-QC/FFB	0.27	0.30
4.7	J-QC/FFB	0.73	0.76
3.9		0.20	2.14
4.4	J-QC/FFB	0.00	0.02
5.0	J-QC/FFB	0.09	0.67
4.8	J-QC/FFB	0.93	2.05
4.9	BJ-QC/FBK/FFB	0.00	0.00
5.1		0.00	0.95
6.2	J-QC/FFB	0.00	0.26
6.9	J-QC/FFB/FLS	0.04	0.09
5.2	J-QC/FFB/FFDRPO	0.00	0.00
—	NAPEFAI/EQF	0.00	0.00
6.2	J-QC/FFB/FFDRPO	0.00	0.00
3.3	J-QC/FFB	0.00	0.00
3.8	J-QC/FFB	0.11	0.70
4.4	J-QC/FFD/RPO	0.00	0.06
2.7	J-QC/FFB/FFDFLDRPO	0.00	0.00
5.9	BJ-QC/FBK/FFB	0.46	0.46
5.1	BJ-QC/FBK/FFB	0.03	0.03
6.07	BJ-QC/FBK/FFB	0.00	0.00
5.2	J-QC/FFD/RPO	0.00	0.00
3.8		0.08	1.54
5.9	J-QC/FFD/RPO	0.00	0.00
5.3	J-QC/FFD/RPO	0.35	0.88
6.6		0.00	0.55
6.9	J-QC/FFB/FSL	0.00	0.04
5.3		0.14	0.27
5.6		0.11	0.11
4.2	J-QC/FFB	0.00	0.00
9.8	J-QC/FMS	0.00	0.00
4.6	J-QC/FLD/RPO	0.19	0.19
7.8	J-QC	0.02	0.52
5.2		0.00	0.00
5.8	J-QC	0.40	0.40
5.7	J-QC/FFB	0.00	0.00
4.7	J-QC	0.03	0.03
4.6	J-QC/FSL	0.00	0.00
4.9	J-QC/FLD/RPOFMS	0.52	0.52
3.2	J-QC/FMS	0.00	0.00

5.5	QC/FBK/FFBFLDRPOFSLF	0.00	0.00
4.45	J-QC/FFB/FFDRPO	0.40	0.40
4.64		0.19	0.19
[redacted]			
3.5	J-QC/FMS	0.35	0.35
3.8	J-QC/FMS	0.00	1.44
3.5	J-QC/FMS	0.00	0.00
5.9	J-QC	0.00	0.00
5.6		0.52	0.52
5.0		0.03	0.03
8.2		0.40	0.40
10.6		0.00	0.00
6.6	J-QC/FMS	0.00	2.46
6.4		0.00	0.00
6.9		0.00	0.00
3.6	J-QC/FMS	0.00	0.00
4.0	J-QC/FMS	0.49	0.49
3.0		0.75	0.84
3.4	J-QC/FMS	0.00	0.00
4.0		0.00	0.00
4.8	J-QC	0.00	0.00
2.6	B/FBK	0.55	0.64
6.5		0.00	0.00
3.5	B/FBK	0.00	0.00
6.2		0.00	0.00
3.4		0.00	0.00
4.4	J-QC/FLD/RPO	0.00	0.73
5.0		0.00	0.00
2.5		0.00	0.00
5.5		0.00	0.00
4.5		0.08	0.16
[redacted]			

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

Station #15 Upper Hackensack 2	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 10, 2003	11:55	6.30	4.9	11.33
December 16, 2003	12:35	7.00	3.4	11.87
2004				
March 31, 2004	11:00	7.47	9.9	8.30
April 7, 2004	09:45	7.22	7.6	8.93
April 20, 2004	09:50	7.54	13.4	9.32
May 4, 2004	09:50	6.31	14.0	7.37
May 18, 2004	10:30	7.23	19.6	5.92
May 25, 2004	10:20	7.19	22.5	5.18
June 22, 2004	09:40	7.32	24.2	5.69
June 28, 2004	10:32	7.35	—	5.02
July 6, 2004	10:10	7.16	25.5	5.05
July 13, 2004	11:25	7.35	25.8	1.60
July 20, 2004	10:20	7.50	24.3	4.72
July 27, 2004	09:50	7.15	23.1	3.39
August 3, 2004	11:00	7.16	25.28	3.96
August 10, 2004	10:05	7.30	25.37	4.39
August 17, 2004	10:16	6.98	22.95	4.20
August 24, 2004	10:23	—	26.02	3.99
August 31, 2004	10:19	7.41	24.83	7.23
September 7, 2004	09:52	7.40	25.71	5.25
September 14, 2004	10:09	—	23.32	6.51
September 21, 2004	09:50	6.95	21.06	3.62
October 7, 2004	10:15	7.14	20.65	4.66
October 21, 2004	10:21	—	14.9	5.63
November 4, 2004	10:20	7.00	13.5	7.32
November 18, 2004	10:24	7.57	10.70	7.73
December 2, 2004	10:10	7.18	9.16	9.01
December 16, 2004	10:53	—	6.0	13.53
2005				
February 23, 2005	10:25	—	3.80	—
March 9, 2005	11:05	—	4.1	10.51
March 21, 2005	10:08	—	5.0	11.22
April 12, 2005	13:02	7.17	11.9	—
May 3, 2005	12:28	7.33	15.75	5.91
May 10, 2005	10:02	7.32	13.65	9.26
May 18, 2005	12:34	7.49	18.81	7.68
June 2, 2005	12:38	7.24	19.80	4.18
June 7, 2005	09:59	7.17	21.41	5.70
June 13, 2005	10:39	7.28	27.08	4.75
July 5, 2005	10:16	7.30	24.37	4.86
July 12, 2005	09:54	7.20	26.92	3.96
July 20, 2005	10:34	7.20	27.41	4.10
July 26, 2005	10:21	7.24	29.03	3.60
August 2, 2005	10:37	—	28.09	5.21
August 10, 2005	—	—	—	—

August 16, 2005	10:26	7.16	29.39	2.52
August 24, 2005	09:49	—	26.78	3.46
August 30, 2005	—	—	—	—
September 14, 2005	10:12	7.23	26.73	4.05
September 21, 2005	10:18	7.29	24.62	4.50
September 29, 2005	09:59	7.33	23.54	6.13
October 5, 2005	10:43	7.35	21.47	5.33
October 19, 2005	10:10	7.80	15.83	9.07
December 20, 2005	10:34	7.47	2.57	14.06
2006				
January 30, 2006	10:17	7.55	5.03	13.61
February 14, 2006	11:06	7.50	3.90	11.05
March 16, 2006	10:16	7.64	6.12	11.85
March 27, 2006	10:47	7.77	8.13	9.62
April 10, 2006	10:19	7.57	9.97	8.13
April 26, 2006	10:12	7.32	13.59	8.55
May 4, 2006	10:21	7.27	15.71	7.23
May 10, 2006	10:09	7.43	14.97	7.27
May 16, 2006	11:53	7.27	15.63	7.48
June 14, 2006	10:44	7.28	19.84	5.88
June 20, 2006	10:21	7.10	25.31	4.98
June 29, 2006	10:39	7.21	24.28	7.26
July 6, 2006	10:07	7.10	26.14	4.19
July 10, 2006	10:10	7.17	22.72	6.31
July 18, 2006	09:57	7.01	28.66	2.78
July 27, 2006	10:07	7.11	25.70	5.73
August 3, 2006	09:48	7.30	30.69	5.13
August 7, 2006	12:20	7.24	27.42	3.88
August 16, 2006	10:29	7.18	26.52	3.63
August 23, 2006	09:47	7.31	25.03	5.24
August 28, 2006	10:01	7.15	23.93	3.74
September 5, 2006	10:10	7.22	21.87	4.92
September 12, 2006	11:04	7.37	21.54	4.67
September 21, 2006	10:37	7.35	21.49	4.86
September 28, 2006	10:25	7.28	20.13	5.33
October 2, 2006	10:38	7.30	19.07	4.97
October 16, 2006	10:21	7.35	17.60	5.56
October 30, 2006	11:07	7.47	12.44	7.85
December 11, 2006	11:32	7.50	7.02	9.25
2007				
January 11, 2007	10:50	7.72	7.07	9.03
January 22, 2007	09:57	7.50	4.81	10.07
February 21, 2007	10:40	7.70	1.36	9.52
March 19, 2007	11:31	7.68	3.81	10.90
April 2, 2007	10:09	7.44	7.79	12.12
April 30, 2007	11:41	7.26	13.15	8.47
May 15, 2007	10:24	7.29	15.99	8.40
Boat engine failure - 5/18/07				
August 20, 2007	10:32	7.25	25.21	3.54
August 29, 2007	10:54	7.33	23.32	6.31

September 10, 2007		09:59	7.37	24.79	5.77
October 4, 2007		10:40	7.03	23.23	3.34
October 15, 2007	A	10:33	7.33	19.17	5.43
October 15, 2007	B	10:33	—	—	—
October 29, 2007	A	10:39	7.30	16.28	6.25
October 29, 2007	B	10:39	—	—	—
November 14, 2007		11:00	—	11.51	8.12
December 10, 2007	A	10:52	—	6.66	9.23
December 10, 2007	B	10:52	—	—	—
2008					
January 7, 2008	A	10:53	—	4.72	11.23
January 7, 2008	B	10:53	—	—	—
February 4, 2008	A	10:39	7.35	4.80	9.52
February 4, 2008	B	10:39	—	—	—
March 10, 2008	A	10:40	7.58	5.50	—
March 10, 2008	B	10:40	—	—	—
April 7, 2008	A	10:33	7.74	7.86	11.06
April 7, 2008	B	10:33	—	—	—
May 8, 2008	A	11:46	7.36	14.95	6.83
May 8, 2008	B	11:46	—	—	—
May 15, 2008	A	10:10	7.31	14.78	6.67
May 15, 2008	B	10:10	—	—	—
May 22, 2008	A	11:00	7.46	14.22	7.65
May 22, 2008	B	11:00	—	—	—
June 2, 2008	A	11:08	7.32	18.56	5.74
June 2, 2008	B	11:08	—	—	—
June 9, 2008	A	10:42	7.21	22.98	4.34
June 9, 2008	B	10:42	—	—	—
June 16, 2008	A	10:45	7.22	23.59	4.50
June 16, 2008	B	10:45	—	—	—
June 23, 2008	A	10:53	7.26	23.66	4.68
June 23, 2008	B	10:53	—	—	—
July 7, 2008	A	11:15	7.15	24.32	4.15
July 7, 2008	B	11:15	—	—	—
July 22, 2008	A	11:06	7.24	25.59	4.66
July 22, 2008	B	11:06	—	—	—
August 4, 2008	A	10:02	7.11	25.50	3.78
August 4, 2008	B	10:02	—	—	—
August 12, 2008	A	10:39	7.15	25.92	3.79
August 12, 2008	B	10:39	—	—	—
August 18, 2008	A	10:05	7.10	24.44	4.78
August 18, 2008	B	10:05	—	—	—
August 25, 2008	A	10:35	7.14	27.03	3.63
August 25, 2008	B	10:35	—	—	—
September 8, 2008	A	10:45	7.23	26.08	4.38
September 8, 2008	B	10:45	—	—	—
September 15, 2008	A	10:27	7.02	23.64	4.98
September 15, 2008	B	10:27	—	—	—
September 22, 2008	A	10:36	6.42	23.05	4.22
September 22, 2008	B	10:36	—	—	—

October 6, 2008	A	10:20	—		19.89	3.52
October 6, 2008	B	10:20	—		—	—
November 6, 2008	A	10:17	—		14.23	5.75
November 6, 2008	B	10:17	—		—	—
December 1, 2008	A	10:46	7.18		7.24	8.24
December 1, 2008	B	10:46	—		—	—
2009						
January 27, 2009	A	10:32	7.66		1.98	10.84
January 27, 2009	B	10:32	—		—	—
February 25, 2009	A	11:21	7.33		2.65	11.10
February 25, 2009	B	11:21	—		—	—
March 10, 2009	A	10:29	7.31		4.28	12.69
March 10, 2009	B	10:29	—		—	—
April 8, 2009	A	10:30	7.46		8.70	10.84
April 8, 2009	B	10:30	—		—	—
May 4, 2009	A	11:08	7.17		16.10	—
May 4, 2009	B	11:08	—		—	—
May 19, 2009	A	09:57	7.06		16.09	—
May 19, 2009	B	09:57	—		—	—
May 27, 2009	A	10:25	7.07		17.38	—
May 27, 2009	B	10:25	—		—	—
June 1, 2009	A	10:53	7.12		19.55	—
June 1, 2009	B	10:53	—		—	—
June 8, 2009	A	11:54	7.26		19.20	—
June 8, 2009	B	11:54	—		—	—
June 22, 2009	A	10:42	7.23		20.18	5.06
June 22, 2009	B	10:42	—		—	—
July 13, 2009	A	11:35	7.21		22.84	6.48
July 13, 2009	B	11:35	—		—	—
July 20, 2009	A	11:08	—	NAPEFAI/EQF	24.24	4.87
July 20, 2009	B	11:08	—		—	—
July 27, 2009	A	12:00	—	NAPEFAI/EQF	24.58	5.20
July 27, 2009	B	12:00	—		—	—
August 3, 2009	A	10:33	—	NAPEFAI/EQF	26.11	3.75
August 3, 2009	B	10:33	—		—	—
August 10, 2009	A	10:53	—	NAPEFAI/EQF	24.41	4.76
August 10, 2009	B	10:53	—		—	—
August 17, 2009	A	10:26	—	NAPEFAI/EQF	27.71	—
August 17, 2009	B	10:26	—		—	—
August 24, 2009	A	11:05	—	NAPEFAI/EQF	26.59	—
August 24, 2009	B	11:05	—		—	—
August 31, 2009	A	10:46	—	NAPEFAI/EQF	24.70	—
August 31, 2009	B	10:46	—		—	—
September 9, 2009	A	10:24	—	NAPEFAI/EQF	22.78	—
September 9, 2009	B	10:24	—		—	—
September 14, 2009	A	10:25	—	NAPEFAI/EQF	21.11	—
September 14, 2009	B	10:25	—		—	—
September 21, 2009	A	10:20	—	NAPEFAI/EQF	—	—
September 21, 2009	B	10:20	—		—	—
October 6, 2009	A	11:12	—	NAPEFAI/EQF	18.01	—

October 6, 2009	B	11:12	—		—		—
November 23, 2009		11:29	7.62		11.41		8.43
2010							
March 17, 2010		10:03	7.16		6.47		12.03
April 15, 2010		10:08	7.47		12.22		12.44
May 4, 2010		11:04	7.22		18.66		6.54
May 10, 2010		10:50	7.43		15.08		8.33
May 19, 2010	A	10:43	7.18		15.06		6.56
May 19, 2010	B	10:43	—	NA	—	NA	—
May 24, 2010		10:26	7.12		18.00		7.14
June 3, 2010		10:22	7.26		24.17		4.90
June 9, 2010		10:37	7.33		23.27		4.81
June 15, 2010		10:17	7.33		21.68		5.00
June 21, 2010		10:47	7.23		24.54		4.80
June 29, 2010		10:06	7.47		26.17		5.75
July 12, 2010		10:17	7.57		24.93		5.61
July 19, 2010		10:30	7.19		29.56		3.20
July 26, 2010		10:33	7.35		27.31		8.13
August 2, 2010		10:05	7.26		27.83		3.41
August 9, 2010		10:40	7.37		25.79		4.89
August 16, 2010	A	10:25	7.20		26.44		3.47
August 16, 2010	B	10:25	—	NA	—	NA	—
August 23, 2010		10:21	7.38		24.81		4.97
August 30, 2010		10:36	7.29		24.10		4.39
September 20, 2010		10:23	7.35		20.86		5.88
September 27, 2010	A	10:19	7.49		20.90		6.35
September 27, 2010	B	10:19	—	NA	—	NA	—
October 7, 2010		10:22	7.38		18.10		6.37
November 22, 2010		10:25	7.50		10.34		9.25
December 7, 2010		10:18	7.44		5.88		11.08
2011							
January 3, 2011		11:23	7.50		2.95		12.19
February 14, 2011		10:03	7.50		2.88		13.77
March 7, 2011		10:38	7.42		6.90		13.16
April 13, 2011		10:13	7.27		10.42		11.07
May 2, 2011		10:40	7.20		14.85		7.64
May 9, 2011	A	11:05	6.79		16.49		8.61
May 9, 2011	B	11:05	—	NA	—	NA	—
May 19, 2011		10:45	7.25		16.94		7.15
May 26, 2011		10:21	7.07		20.97		4.31
June 6, 2011		11:41	7.44		20.28		7.61
June 13, 2011		10:30	7.15		22.47		5.07
June 20, 2011		10:53	7.03		23.15		4.99
June 29, 2011		10:23	7.26		23.70		4.56
July 25, 2011		10:28	7.40		29.73		7.42
August 1, 2011		10:25	7.43		25.42		4.14
August 8, 2011		10:48	7.19		28.19		3.47
August 18, 2011	A	10:28	7.25		24.05		4.76
August 18, 2011	B	10:28	—	NA	—	NA	—
September 13, 2011		11:03	7.27		22.15		6.75

September 26, 2011		10:25	7.31		20.42		4.87
October 20, 2011		10:44	7.44		17.25		6.78
November 15, 2011		10:21	7.64		11.66		8.42
December 21, 2011	A	10:24	7.50		6.74		10.29
December 21, 2011	B	10:24	—	NA	—	NA	—
2012							
January 9, 2012	A	10:59	7.67		6.22		9.83
January 9, 2012	B	10:59	—	NA	—	NA	—
February 6, 2012		10:47	7.51		5.28		10.06
March 5, 2012	A	10:38	7.54		5.94		10.37
March 5, 2012	B	10:38	—	NA	—	NA	—
April 16, 2012		10:55	7.40		13.75		7.18
May 1, 2012		10:33	7.39		13.60		8.18
May 9, 2012		10:31	7.30		15.36		6.67
May 15, 2012		10:18	7.26		19.03		6.54
May 22, 2012	A	10:14	7.37		18.60		7.94
May 22, 2012	B	10:14	—	NA	—	NA	—
May 31, 2012		10:20	7.24		24.61		3.95
June 7, 2012		10:17	—	NAPEFAI/EQF	20.18		3.77
June 13, 2012		10:05	—	NAPEFAI/EQF	22.44		3.17
June 18, 2012		10:13	—	NAPEFAI/EQF	21.82		3.80
June 26, 2012	A	10:21	—	NAPEFAI/EQF	25.07		2.55
June 26, 2012	B	10:21	—	NA	—	NA	—
July 16, 2012		10:04	7.46		27.22		5.19
July 23, 2012		10:03	7.32		25.81		5.09
July 30, 2012	A	09:50	7.31		25.92		4.30
July 30, 2012	B	09:50	—	NA	—	NA	—
August 8, 2012	A	10:57	7.38		28.46		5.23
August 8, 2012	B	10:57	—	NA	—	NA	—
August 13, 2012		10:39	7.39		28.41		5.11
August 20, 2012		10:42	7.35		24.37		4.39
September 5, 2012		10:15	7.29		25.13		5.39
September 10, 2012		10:35	7.33		26.08		3.73
September 17, 2012	A	10:14	7.48		22.33		5.36
September 17, 2012	B	10:14	—	NA	—	NA	—
September 26, 2012		09:49	7.29		20.39		5.57
October 15, 2012		09:50	7.29		16.59		7.87
November 26, 2012		09:23	7.52		7.54		8.83
December 3, 2012	A	09:02	7.44		6.95		8.96
December 3, 2012	B	09:02	—	NA	—	NA	—
2013							
January 7, 2013		10:03	3.51		7.30		12.20
February 7, 2013		08:07	7.28		2.95		11.57
February 27, 2013		09:07	7.67		4.16		13.26
March 5, 2013		08:38	7.17		5.30		10.58
April 1, 2013		09:28	7.41		7.32		10.26
April 22, 2013		09:37	7.73		12.75		8.14
May 9, 2013		10:36	7.31		15.44		6.80
May 16, 2013		10:18	7.26		16.30		5.38
May 23, 2013	A	10:09	7.33		16.95		5.77

May 23, 2013	B	10:09	—	NA	—	NA	—
June 3, 2013	A	10:10	7.31	[redacted]	23.23	[redacted]	4.49
June 3, 2013	B	10:10	—	NA	—	NA	—
June 11, 2013		10:24	7.35	[redacted]	20.41	[redacted]	5.94
June 17, 2013		10:30	7.35	[redacted]	21.48	[redacted]	4.01
June 24, 2013		10:53	7.43	[redacted]	21.55	[redacted]	6.18
July 8, 2013	A	10:40	7.55	[redacted]	25.10	[redacted]	5.52
July 8, 2013	B	10:40	—	NA	—	NA	—
July 15, 2013		10:19	7.38	[redacted]	27.50	[redacted]	3.66
July 22, 2013		10:10	7.63	[redacted]	25.48	[redacted]	5.11
July 29, 2013		10:50	7.44	[redacted]	25.55	[redacted]	4.60
August 5, 2013		10:58	7.61	[redacted]	23.23	[redacted]	4.92
August 12, 2013		10:51	7.60	[redacted]	23.59	[redacted]	5.17
August 19, 2013	A	11:34	7.36	[redacted]	22.90	[redacted]	4.44
August 19, 2013	B	11:34	—	NA	—	NA	—
August 26, 2013		11:03	7.50	[redacted]	23.53	[redacted]	6.06
September 5, 2013	A	10:32	7.42	[redacted]	23.65	[redacted]	4.86
September 5, 2013	B	10:32	—	NA	—	NA	—
September 12, 2013		10:37	7.33	[redacted]	23.96	[redacted]	4.51
September 18, 2013	A	10:22	7.42	[redacted]	19.70	[redacted]	5.41
September 18, 2013	B	10:22	—	NA	—	NA	—
September 26, 2013		09:58	7.27	[redacted]	19.13	[redacted]	5.29
October 7, 2013	A	10:38	7.46	[redacted]	19.70	[redacted]	6.46
October 7, 2013	B	10:38	—	NA	—	NA	—
November 18, 2013		10:50	7.92	[redacted]	9.51	[redacted]	10.67
2014							
January 14, 2014	A	10:41	7.21		2.00		11.50
January 14, 2014	B	10:41	—	NA	—	NA	—
February 6, 2014		10:49	7.06		0.65		11.04
March 11, 2014	A	10:37	7.43		2.67		12.53
March 11, 2014	B	10:37	—	NA	—	NA	—
April 14, 2014		11:19	7.70		9.70		11.10
May 8, 2014		10:25	7.48		14.26		6.38
May 15, 2014		10:43	7.31		14.47		7.96
May 22, 2014	A	10:48	7.17		18.53		3.97
May 22, 2014	B	10:48	—	NA	—	NA	—
June 2, 2014		10:25	7.51		17.88		6.75
June 10, 2014		10:29	7.19		19.49		5.00
June 16, 2014		10:35	7.18		19.57		5.26
June 23, 2014	A	10:44	7.39		23.19		4.40
June 23, 2014	B	10:44	—	NA	—	NA	—
July 1, 2014		10:30	7.46		23.84		5.50
July 8, 2014		10:45	7.39		25.14		4.12
July 14, 2014	A	10:24	7.51		22.28		6.21
July 14, 2014	B	10:24	—	NA	—	NA	—
July 21, 2014		10:25	7.52		24.50		3.82
July 31, 2014		10:55	7.46		23.25		5.62
August 6, 2014	A	10:13	7.39		25.32		4.27
August 6, 2014	B	10:13	—	NA	—	NA	—
August 13, 2014		10:49	7.43		22.33		5.58

August 18, 2014	A	10:45	7.32		22.30		3.98
August 18, 2014	B	10:45	—	NA	—	NA	—
August 25, 2014		10:44	7.50		21.75		5.73
September 3, 2014	A	10:40	7.55		25.38		3.07
September 3, 2014	B	10:40	—	NA	—	NA	—
September 11, 2014		10:47	—	NAPEFAI/EQF	23.05		5.09
September 17, 2014		10:32	7.34		21.24		4.16
October 1, 2014	A	10:24	7.23		20.48		4.92
October 1, 2014	B	10:24	—	NA	—	NA	—
October 6, 2014		10:15	7.43		18.74		6.36
November 19, 2014	A	11:04	7.32		6.99		9.16
November 19, 2014	B	11:04	—	NA	—	NA	—
December 3, 2014		10:33	7.28		6.98		10.24

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	97.3	13.9	3	20
	91.4	4.0	2	14
[redacted]				
	78.0	11.2	3	18
	81.0	13.0	2	26
	93.1	9.3	3	9
	78.6	14.3	3	32
	68.5	12.0	4	12
	65.0	12.2	2.5	14
	70.1	—	4	16
	58.7	—	2	16
	61.4	—	3	18
	—	—	2	17
	56.4	—	4	33
	42.3	—	2	16
	51.6	12.88	—	16
	57.0	10.57	3	14
	52.4	14.45	4	24
	51.6	8.59	3	22
	95.5	16.35	3	21
	68.5	11.89	3	12
	83.6	15.82	2.5	18
	42.3	4.09	3	14
	54.2	7.28	3	10
	59.7	10.7	3	16
	77.1	16.1	4	26
	76.4	15.47	3	12
	81.0	6.05	1.5	15
	115.0	8.0	2	18
[redacted]				
	—	13.21	2	16
	88.3	10.9	1	49
	90.3	13.4	4	8
	—	4.7	4	4
	62.8	8.24	2	11
	96.6	—	3	26
	88.9	11.96	1.5	10
	50.7	—	2.5	24
	70.7	15.88	3	12
	64.9	14.05	2	18
	65.9	21.69	4	18
	54.4	16.43	2.5	35
	58.5	22.00	2	24
	51.4	15.85	1.5	20
	73.7	18.84	2	30
	—	—	—	24

36.1	16.92	1.5	30
48.2	19.59	2	30
—	—	—	14
56.9	20.79	2	26
61.4	23.37	2	34
81.5	22.73	—	23
69.4	24.54	3	22
94.8	6.08	2	18
107.5	5.61	2	23
[redacted]			
118.9	16.48	3	14
91.5	12.66	2	14
104.2	15.35	3	16
90.6	16.55	2	24
80.1	16.71	1	20
89.2	14.71	2	29
77.8	11.13	3	22
80.7	18.78	2	24
82.0	14.59	2	21
69.9	13.36	2	22
64.4	10.57	2	21
90.6	7.89	—	17
54.5	9.54	—	20
79.4	14.10	—	38
38.3	10.88	—	23
76.8	16.32	—	24
73.9	13.57	—	32
53.7	16.22	2	26
48.9	15.30	—	28
72.1	22.73	2	26
49.1	17.75	1	19
60.7	14.55	2	30
58.9	18.77	3	21
59.9	15.18	3	16
65.5	18.74	3	16
58.4	14.06	2	16
63.6	14.93	2	26
77.1	7.45	2	18
82.6	12.56	4	8
[redacted]			
79.3	9.77	3	13
87.0	15.43	1.5	28
79.6	23.64	2	39
92.8	17.07	3	42
110.9	12.86	5	14
84.2	6.78	3	18
93.1	14.55	2	46
45.8	15.02	2	65
82.2	20.09	5	21

79.1	22.80	4	68
43.4	17.48	3	20
66.3	20.49	4	32
—	—	—	34
72.0	20.06	3	24
—	—	—	25
84.7	20.38	5	24
85.4	19.69	3	20
—	—	—	24
[redacted]			
97.0	15.92	2	46
—	—	—	35
80.7	13.11	3	25
—	—	—	27
—	—	2	18
—	—	—	18
102.8	15.29	3	30
—	—	—	32
74.6	15.97	2	36
—	—	—	40
70.4	10.90	3	28
—	—	—	34
79.7	11.24	4	21
—	—	—	26
66.9	14.80	2	44
—	—	—	42
55.2	15.31	3	46
—	—	—	48
58.6	17.05	3	24
—	—	—	39
60.9	17.03	4	16
—	—	—	14
54.2	19.83	3	45
—	—	—	61
64.5	22.16	3	16
—	—	—	19
51.6	19.73	1	22
—	—	—	28
51.0	16.02	3	18
—	—	—	19
64.2	19.98	4	20
—	—	—	20
49.8	16.12	2	18
—	—	—	18
58.5	14.41	3	35
—	—	—	30
64.1	16.13	3	18
—	—	—	22
53.0	14.48	3	14
—	—	—	12

	42.5		15.89	4	12	
	—		—	—	12	
	62.4		17.33	3	19	
	—		—	—	17	
	75.9		16.13	4	19	
	—		—	—	22	
[redacted]						
	88.5		17.96	3	25	J-QC/FFB
	—		—	—	28	J-QC/FFB
	93.1		19.11	3	58	
	—		—	—	56	
	112.5		21.25	4	18	J-QC/FFD/RPO
	—		—	—	40	J-QC/FFD/RPO
	102.0		14.18	3	16	
	—		—	—	16	
NAPEFAI/EQF	—	NAPEFAI/EQF	11:50	2	23	
	—		—	—	20	
NAPEFAI/EQF	—	NAPEFAI/EQF	11.16	2	40	J-QC/FFD/RPO
	—		—	—	28	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	17.07	2	24	
	—		—	—	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	12.45	2	20	
	—		—	—	18	
NAPEFAI/EQF	—	NAPEFAI/EQF	14.79	3	10	
	—		—	—	12	
	59.3		10.39	2	16	
	—		—	—	18	
	81.9		14.94	4	12	J-QC/FLD/RPO
	—		—	—	14	J-QC/FLD/RPO
	63.0		15.63	3	22	
	—		—	—	23	
	67.4		12.47	2	12	
	—		—	—	15	
	49.3		11.29	3	33	
	—		—	—	28	
	61.4		13.06	3	12	
	—		—	—	13	
NAPEFAI/EQF	—	NAPEFAI/EQF	13.62	2	24	
	—		—	—	21	
NAPEFAI/EQF	—	NAPEFAI/EQF	14.50	3	13	J-QC/FFD/RPO
	—		—	—	20	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	12.53	3	10	
	—		—	—	14	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.24	2	23	J-QC/FFD/RPO
	—		—	—	50	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	14.94	3	14	J-QC/FFD/RPO
	—		—	—	24	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	19.05	3	20	J-QC/FLD/RPO
	—		—	—	22	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	22.35	4	21	

	—		—		—		16	
	87.0		18.87		4		46	
[redacted]								
	99.7		2.82		2		17	
	125.4		12.84		4		30	
	73.4		8.91		2		19	
	88.8		12.14		2		23	J-QC/FLD/RPO
	70.5		13.23		2		42	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	38	J-QC/FLD/RPO
	81.2		12.50		2		28	
	63.5		14.68		2		31	J-QC/FFB/FFDRPO
	61.6		16.82		2		42	J-QC/FFB
	62.7		18.34		2		25	
	60.3		14.18		3		39	J-QC/FFD/RPO
	78.9		18.59		3		44	J-QC/FFD/RPO
	76.8		22.65		2		45	
	45.6		15.09		2		32	
	114.5		19.93		3		64	
	47.9		17.25		3		56	
	67.8		22.60		2		58	
	47.7		18.75		3		100	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	34	J-QC/FFD/FLDRPO
	66.4		19.54		3		39	
	57.7		—	NAPEFAI/EQF	4		43	
	73.6		20.09		3		57	
	80.7		22.43		2		52	
NA	—	NA	—	NA	—	NA	50	
	74.2		16.09		3		20	
	93.0		18.83		4		18	
	97.8		13.81		3		31	
[redacted]								
	100.5		17.13		3		26	
	112.1		14.67		2		14	
	112.6		6.17		3		27	
	107.5		12.85		3		14	
	80.5		10.47		3		34	J-QC/FFD/RPO
	93.1		9.11		3		24	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	13	J-QC/FFD/FLDRPO
	77.2		7.27		2		26	
	49.2		4.16		3		20	
	91.3		13.88		2		44	
	63.3		14.43		3		32	
	62.3		12.09		4		39	
	58.2		13.48		4		47	
	74.3		16.03		2		54	
	56.9		21.16		3		27	
	49.9		15.42		2		28	
	60.3		10.93		4		39	
NA	—	NA	—	NA	—	NA	40	[redacted]
	78.4		2.26		3		10	

	58.7		13.99		2		56	
	75.0		10.26		3		38	
	83.9		12.86		3		36	
	90.6		10.99		1		48	
NA	—	NA	—	NA	—	NA	54	
[redacted]								
	88.9		17.05		1		58	
NA	—	NA	—	NA	—	NA	60	
	88.6		16.67		2		52	
	92.1		15.41		5		39	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	35	J-QC/FLD/RPO
	77.6		18.38		2		60	
	85.6		14.05		2		36	J-QC/FLD/RPO
	71.5		16.52		1		70	
	75.2		14.56		2		31	
	92.6		15.80		2		20	
NA	—	NA	—	NA	—	NA	20	
	50.4		12.98		2		20	
	45.7		16.37		1		24	
	39.3		13.02		2		18	
	47.4		16.03		4		32	
	33.3		13.78		2		16	
NA	—	NA	—	NA	—	NA	19	
	72.7		19.07		2		21	
	68.4		18.06		2		31	
	59.0		18.69		2		44	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	44	J-QC/FLD/RPO
	74.5		18.92		3		52	
NA	—	NA	—	NA	—	NA	50	
	72.6		17.92		3		44	J-QC/FLD/RPO
	59.5		21.81		3		30	J-QC/FLD/RPO
	72.9		19.66		2		57	J-QC/FLD/RPO
	50.5		16.77		3		51	
	71.6		24.88		3		56	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	70	J-QC/FLD/RPO
	69.6		20.93		3		44	
	93.0		24.18		2		30	J-QC/FLD/RPO
	84.8		21.41		2		46	
	83.5		18.91		5		38	
NA	—	NA	—	NA	—	NA	40	
[redacted]								
[redacted]	99.5	[redacted]	12.94		3		34	[redacted]
[redacted]	97.0	[redacted]	17.87		2		58	J-QC/FFD/FLDRPO
[redacted]	116.6	[redacted]	20.30		—		—	NA
[redacted]	91.1	[redacted]	13.08		2		22	J-QC/FLD/RPO
[redacted]	93.6	[redacted]	14.37		3		40	[redacted]
[redacted]	85.4	[redacted]	16.96		4		—	NA
[redacted]	75.4	[redacted]	17.12		2.5		16	[redacted]
[redacted]	60.6	[redacted]	15.09		2		13	[redacted]
[redacted]	66.7	[redacted]	18.39		2		56	J-QC/FLD/RPO

NA	—	NA	—	NA	—	NA	54	J-QC/FLD/RPO
[redacted]	55.3	[redacted]	9.58		1		26	J-QC
NA	—	NA	—	NA	—	NA	24	J-QC
[redacted]	68.2	[redacted]	5.89		4		22	[redacted]
	46.1		4.45		2		21	
	75.3		12.66		3		36	
	72.3		13.51		5		30	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	44	J-QC/FFD/RPO
[redacted]	50.1	[redacted]	12.61		5		11	[redacted]
	71.5		24.82		3		48	J-QC/FFD/FLDRPO
	60.8		14.25		3		50	[redacted]
[redacted]	64.4	[redacted]	18.64		2		48	J-QC
	65.4		17.80		2		45	J-QC
	57.6		18.18		3		42	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	44	J-QC/FLD/RPO
[redacted]	79.8	[redacted]	20.16		1		64	J-QC/FFD/RPO
	63.6		20.87		3		50	[redacted]
NA	—	NA	—	NA	—	NA	46	
[redacted]	59.2	[redacted]	17.77		1		20	
[redacted]	68.1	[redacted]	24.00		1		48	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	45	J-QC/FLD/RPO
[redacted]	63.6	[redacted]	17.36		3		42	[redacted]
	82.2		25.88		3		49	
NA	—	NA	—	NA	—	NA	58	
[redacted]	110.2	[redacted]	25.65		4		46	
[redacted]								
	92.5		15.47		2		41	J-QC/FFB
NA	—	NA	—	NA	—	NA	39	J-QC/FFB
	85.4		15.30		2		37	J-QC
	103.4		16.71		3		50	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	32	J-QC/FFD/RPO
	106.3		12.84		2		34	
	64.4		6.55		2		25	
	85.3		14.62		2		36	
	44.3		7.57		1		33	
NA	—	NA	—	NA	—	NA	31	
	76.2		12.84		2		34	
	58.6		12.56		4		26	
	62.4		14.18		1		32	J-QC/FFB/FLDRPO
	55.3		12.64		4		32	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	22	J-QC/FFD/FLDRPO
	71.5		16.56		3		32	J-QC/FLD/RPO
	53.4		12.21		4		25	
	80.7		20.81		2		46	
NA	—	NA	—	NA	—	NA	38	
	48.9		11.61		2		25	
	72.7		18.75		2		40	
	56.9		15.87		3		44	J-QC/FFB
NA	—	NA	—	NA	—	NA	36	J-QC/FFB
	74.1		24.46		2		50	

	50.5		17.05		4		30	
NA	—	NA	—	NA	—	NA	32	
	75.2		24.87		4		30	
	40.8		15.08		3		32	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	30	J-QC/FLD/RPO
	67.9		23.86		4		57	J-QC/FLD/RPO
	52.1		18.03		3		46	
	61.4		20.01		2		29	
NA	—	NA	—	NA	—	NA	30	
	79.2		25.36		3		44	
	84.3		17.42		1		34	J-QC
NA	—	NA	—	NA	—	NA	40	J-QC
	94.3		17.95		2		56	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.30	<2	0.22	0.051
2.39	7	0.54	0.034
[redacted]			
1.58	2	1.60	0.101
1.23	2	<0.19	0.046
0.96	2	<0.19	0.049
1.12	2	<0.19	0.055
1.12	2	0.48	0.105
1.47	3	0.20	0.184
0.89	2	<0.19	0.116
1.12	<2	0.39	0.167
2.29	3	<0.19	0.161
2.68	6	<0.19	0.176
3.73	4	<0.19	0.111
4.08	6	0.92	0.197
0.68	5	<0.19	0.113
3.12	3	<0.19	0.044
4.00	7	<0.19	0.099
2.12	4	<0.19	0.193
2.62	<2	0.45	0.074
1.42	3	<0.19	0.143
1.49	<2	<0.19	0.115
1.72	<2	1.05	0.148
1.33	<2	0.38	0.197
1.84	<2	0.49	0.195
1.28	<2	<0.19	0.168
1.30	<2	<0.19	0.137
1.42	<2	0.50	0.099
0.98	<2	<0.19	0.052
[redacted]			
1.55	<2	<0.19	0.035
2.23	<2	0.74	0.065
2.23	5	1.01	0.057
0.57	<2	<0.19	0.026
1.78	3	1.01	0.126
2.00	<2	<0.19	0.080
1.95	3	<0.19	0.184
2.21	<2	0.60	0.673
1.66	4	<0.27	0.154
1.54	7	<0.27	0.270
1.06	3	<0.27	0.084
1.67	<2	<0.27	0.117
1.34	3	<0.27	0.101
1.64	3	<0.27	0.125
0.90	<2	<0.27	0.081
1.06	3	<0.27	0.088

1.85	<2	<0.27	0.148
1.38	<2	<0.27	0.160
1.35	—	<0.27	0.181
1.04	<2	<0.27	0.191
1.08	<2	<0.27	0.143
1.19	<2	<0.27	0.177
1.12	<2	<0.27	0.150
1.08	<2	0.75	0.064
1.42	<2	<0.27	0.040
[redacted]			
0.82	<2	<0.27	0.024
1.20	5	<0.27	0.052
1.11	4	<0.27	0.065
1.80	<2	0.62	0.094
1.25	5	<0.295	0.113
1.94	5	<0.295	0.107
3.05	5	<0.295	0.170
1.09	—	<0.295	0.098
2.14	—	<0.295	0.084
1.55	4	<0.295	0.093
2.08	<2	<0.295	0.216
1.04	4	<0.295	0.115
1.14	6	<0.295	0.142
0.71	<2	<0.295	0.068
1.92	—	<0.295	0.187
1.29	4	<0.295	0.106
2.00	5	<0.295	0.113
1.92	<2	<0.295	0.093
2.14	—	0.43	0.149
1.59	<2	<0.295	0.071
1.54	—	<0.295	0.092
1.40	8	<0.295	0.146
0.93	—	0.61	0.130
<1.00	—	<0.295	0.138
0.61	—	<0.295	0.187
1.62	<2	<0.295	0.187
1.45	<2	0.47	0.206
2.10	<2	<0.295	0.306
0.75	<2	<0.295	0.053
[redacted]			
2.52	<2	<0.295	0.120
0.85	<2	<0.295	0.035
1.14	<2	0.517	0.036
1.37	<2	0.495	0.042
0.79	<2	0.379	0.035
1.86	—	0.680	0.053
0.92	<2	0.495	0.063
1.12	<2	0.630	0.176
1.72	<2	0.416	0.110

<0.30	<2	0.328	0.142
1.93	<2	0.694	0.295
1.08	—	0.548	0.185
1.26	—	0.561	0.174
0.82	<2	0.343	0.161
<0.30	<2	0.368	0.140
0.46	<2	0.154	0.149
0.31	<2	0.134	0.106
0.86	<2	0.146	0.102
[redacted]			
0.32	<2	0.116	0.044
0.78	<2	0.103	0.044
1.91	<2	1.16	0.065
2.09	<2	1.17	0.067
1.97	<2	0.546	0.033
2.03	<2	0.518	0.037
0.85	<2	0.585	0.025
0.32	<2	0.563	0.024
1.13	<2	0.502	0.059
0.90	<2	0.468	0.059
1.62	<2	0.774	0.150
1.17	<2	0.722	0.146
0.46	<2	0.042	0.067
1.24	<2	0.052	0.067
<0.30	<2	0.544	0.091
1.32	<2	0.510	0.088
1.23	<2	0.488	0.183
1.26	<2	0.506	0.187
<0.30	<2	0.198	0.135
0.36	<2	0.190	0.129
<0.30	<2	0.311	0.092
1.01	<2	0.298	0.088
1.13	<2	0.414	0.095
1.11	<2	0.399	0.093
0.42	<2	0.302	0.079
0.40	<2	0.309	0.082
0.79	<2	0.465	0.097
0.96	<2	0.478	0.095
2.00	<2	0.587	0.169
1.87	<2	0.578	0.171
0.41	<2	0.406	0.078
<0.30	<2	0.411	0.078
1.65	<2	0.442	0.182
1.48	<2	0.429	0.184
1.63	<2	0.695	0.288
1.65	<2	0.708	0.286
1.33	<2	0.455	0.115
1.42	<2	0.450	0.115
1.74	<2	0.565	0.230
1.62	<2	0.556	0.213

1.63		<2		0.522		0.228
1.71		<2		0.541		0.226
<0.30		<2		0.688		0.229
0.47		<2		0.671		0.227
0.54		<2		0.941		0.080
0.86		<2		0.922		0.071
[redacted]						
1.04	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.703	J-QC/FSL/FMS	0.043
1.59	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.723	J-QC/FSL/FMS	0.041
1.14	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.891	J-QC/FMS	0.040
1.34	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.861	J-QC/FMS	0.042
0.71	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.509	J-QC/FFB	0.036
0.75	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.520	J-QC/FFB	0.036
1.69	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.663		0.066
1.61	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.652		0.062
2.43	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	1.04		0.157
2.33	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	1.04		0.156
1.89	BJ-QC/FBK/FFBFLS	<2	K	1.17		0.216
1.92	BJ-QC/FBK/FFBFLS	<2	K	1.15		0.221
1.33	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.475		0.115
1.46	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.459		0.114
1.84	B/FBK	<2	K	0.772	J-QC/FFB	0.233
1.85	B/FBK	<2	K	0.767	J-QC/FFB	0.230
0.33	J-QC/FFD/RPO	3		0.517		0.132
<1.00	KJ-QC/FFD/RPO	3		0.485		0.131
1.16	J-QC/FLS	<2	KJ-QC/FLS	0.329		0.092
1.17	J-QC/FLS	<2	KJ-QC/FLS	0.313		0.084
0.96	B/FBK	<2	K	<0.018	K	0.056
0.89	BJ-QC/FBK/FLS	<2	K	<0.018	K	0.059
1.12	BJ-QC/FBK/FLS	<2	K	0.229		0.083
0.97	BJ-QC/FBK/FLS	<2	K	0.224		0.075
1.15		<2	KJ-QC/FLS	0.275		0.083
1.21		<2	KJ-QC/FLS	0.264		0.082
1.62	BJ-QC/FBK/FFB	<2	K	0.366		0.158
1.57	BJ-QC/FBK/FFB	<2	K	0.376		0.160
0.60	J-QC/FFD/RPOFLS	<2	K	0.198		0.133
1.00	J-QC/FFD/RPOFLS	<2	K	0.188		0.128
1.46	BJ-QC/FBK/FFB	<2	K	0.264		0.100
1.65	BJ-QC/FBK/FFB	<2	K	0.254		0.097
1.57	BJ-QC/FBK/FFBFLS	<2	K	0.219		0.064
1.42	BJ-QC/FBK/FFBFLS	<2	K	0.209		0.065
1.88	BJ-QC/FBK/FFBFLS	<2	K	0.529		0.154
1.69	BJ-QC/FBK/FFBFLS	<2	K	0.524		0.151
1.34	BJ-QC/FBK/FFBFLDRPO	<2	K	0.264	J-QC/FSL	0.072
1.25	BJ-QC/FBK/FFBFLDRPO	<2	K	0.275	J-QC/FSL	0.069
2.91	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FFD/RPOFLS	0.605		0.159
2.44	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFD/RPOFLS	0.585		0.159
0.51	BJ-QCJ-HT/FBK/FFBFLSEHT	2		0.336		0.089
0.50	BJ-QCJ-HT/FBK/FFBFLSEHT	2		0.326		0.089
0.31	BJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FLS	0.280		0.079

<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FLS	0.264		0.075
0.59	BJ-QC/FBK/FFBFLS	<2	K	0.269		0.089
[redacted]						
1.36	BJ-QC/FBK/FFBFLS	<2	K	0.419		0.0212
1.47	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.272		0.0285
2.53	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.754	J-QC/FSL	0.1304
2.11	BJ-QC/FBK/FFBFFDRPO	<2	K	0.931		0.1349
1.01	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.674		0.1301
1.46	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.639		0.1290
1.01	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	0.654		0.152
1.11	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.573		0.155
0.68	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.458		0.135
0.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.357		0.1021
2.24	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.453		0.0753
0.52	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.226		0.0737
0.79	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.226		0.0417
1.17	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.453		0.1242
0.82	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.508		0.0828
1.51	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.556		0.1359
0.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.325		0.0690
0.60	BJ-QC/FBK/FFB	<2	K	0.618		0.1493
0.61	BJ-QC/FBK/FFB	<2	K	0.650		0.1535
0.63	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.466		0.0796
0.98	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.440		0.1139
0.65	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.335		0.0993
0.66	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.346		0.0882
0.68	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.367		0.0903
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.466		0.1063
0.75	BJ-QC/FBK/FFBFLSEHT	<2	K	0.267		0.0699
1.63	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.206		0.0486
[redacted]						
1.95	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0175	K	0.0875
1.98	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	1.978		0.0767
1.76	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.481		0.0368
2.68	BJ-QC/FBK/FFB	3	J-QC/FLS	0.832		0.0597
2.18	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.435		0.0327
2.28	BJ-QC/FBK/FFB	<2	K	0.746		0.0846
2.52	BJ-QC/FBK/FFB	<2	K	0.735		0.0844
1.63	BJ-QC/FBK/FFBFLS	<2	K	0.365		0.0615
2.02	BJ-QC/FBK/FFB	<2	K	0.740		0.1555
1.42	BJ-QC/FBK/FFB	<2	K	0.245		0.0530
0.78	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.359		0.0779
0.77	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.523		0.0839
1.71	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.419		0.0944
1.28	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.811	J-QC/FFD/RPO	0.0847
0.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.321	J-QC/FFB	0.0477
1.31	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.550		0.1284
1.78	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.610		0.0732
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.452	[redacted]	0.0709
1.89	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.180		0.0869

1.17	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.309		0.0699
2.23	BJ-QC/FBK/FFBFLS	<2	K	0.355		0.0886
1.82	BJ-QC/FBK/FFBFFDRPO	<2	K	0.303		0.0481
1.96	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.356		0.0586
1.77	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.368		0.0612
[redacted]						
1.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.334		0.0379
1.25	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.334		0.0370
1.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.370	J-QC/FSL	0.0468
2.66	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	1.467		0.0861
1.80	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	1.443		0.0792
2.03	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.947		0.1281
3.07	BJ-QC/FBK/FFBFFDRPO	<2	K	0.957		0.1728
3.19	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.099	J-QC/FMS	0.1034
2.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.549	J-QC/FMS	0.1574
1.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.392		0.0927
1.28	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.377		0.0853
1.90	BJ-QC/FBK/FFBFLS	<2	K	0.701	J-QC/FMS	0.1788
1.52	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.230		0.1177
1.38	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.282	J-QC/FMS	0.1910
1.05	BJ-QC/FBK/FFB	<2	K	0.120	J-QC/FMS	0.0753
1.05	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.345	J-QC/FSL/FMS	0.0964
0.91	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.356	J-QC/FSL/FMS	0.0944
0.69	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.201	J-QC/FSL/FMS	0.0572
0.57	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.597		0.0730
0.56	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.428		0.0835
0.41	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.407		0.0826
0.76	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.391	J-QC/FSL	0.0997
0.64	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.407	J-QC/FSL	0.0995
0.70	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.296		0.1081
0.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.285		0.0641
0.52	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.433		0.1628
0.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.491		0.2340
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.180		0.1575
0.37	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.185		0.1502
0.44	BJ-QC/FBK/FFBFLS	<2	K	0.428	J-QC/FSL/FMS	0.1530
<0.30	KBJ-QC/FBK/FFB	4	J-QC/FLS	0.427	J-QC/FMS	0.1010
—	NA	<2	KJ-QC/FLS	0.606	J-QC/FMS	0.1134
—	NA	<2	KJ-HT/EHT	0.681	J-QC/FMS	0.1213
—	NA	<2	KJ-HT/EHT	0.645	J-QC/FMS	0.1221
[redacted]						
—	NA	<2	KJ-QC/FMS	1.066	J-QC/FMS	0.1106
—	NA	<2	KJ-QC/FMS	0.559	J-QC/FMS	0.0323
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QCJ-HT/FMS/EHT	1.375		0.0839
—	NA	<2	KJ-QC/FMS	0.770	J-QC/FMS	0.0645
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.505		0.0901
2.04	BJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	0.925		0.1476
1.49	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.420		0.0893

1.75	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.403		0.0881
2.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.636	J-QC/FSL/FMS	0.1897
2.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.602	J-QC/FSL/FMS	0.1894
2.13	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.602	J-QC/FMS	0.0945
2.68	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.760	J-QC/FMS	0.1727
1.58	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.284	J-QC/LLS/FMS	0.0440
1.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.386	J/LLS	0.0395
1.83	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.356	J/LLS	0.0383
2.34	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	1.133	J-QC/FFD/RPO	0.1754
0.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.133	J-R/LLS	0.0478
1.48	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	KJ-QC/FSL	0.1490
0.60	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0658
1.74	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC	0.0615
0.66	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.199	J/LLS	0.0750
1.30	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.181	J-R/LLS	0.0711
1.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.181	J-R/LLS	0.0679
0.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.241	J-QC/LLS/FFDRPC	0.0688
0.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.338	J-QC/LLS/FFDRPC	0.0638
1.82	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.476		0.1146
1.09	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.440		0.0679
0.33	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FMS	0.416		0.0674
1.38	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.579		0.1502
0.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.283	J/LLS	0.0680
0.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.265	J/LLS	0.0656
0.65	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.408		0.0792
[redacted]						
1.95	BJ-QC/FBK/FFBFMS	<2	K	0.571		0.0495
1.97	BJ-QC/FBK/FFBFMS	<2	K	0.702		0.0478
3.97	BJ-QCJ-HT/FBK/FFBFMS	<2	K	2.084	J-QC/FFB	0.0741
3.29	BJ-QC/FBK/FFB	<2	KJ-HT	0.461		0.0598
3.18	BJ-QC/FBK/FFB	<2	KJ-HT	0.472		0.0622
1.63	BJ-QC/FBK/FFB	<2	K	0.326	J-QC/LLS/FFB	0.0263
1.78	BJ-QC/FBK/FFB	<2	K	0.580	J-QC	0.0719
1.71	BJ-QC/FBK/FFB	<2	K	0.432	J-QC/FFB	0.0819
1.85	BJ-QC/FBK/FFBFMS	<2	K	0.790	J-QC/FFB	0.1963
1.77	BJ-QC/FBK/FFBFMS	<2	K	0.665	J-QC/FFB	0.1976
1.50	BJ-QC/FBK/FFBFLDRPO	<2	K	0.489	J-QC/FSL	0.1115
1.88	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	0.494	J-QC/FFB	0.1318
1.01	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.472	J-QC/FFB	0.0785
1.38	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.435	J-QC/FFB	0.1362
1.19	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.407	J-QC/FFB	0.1327
1.97	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0807
1.19	BJ-QC/FBK/FFB	<2	K	0.084	J/LLS	0.1392
0.56	BJ-QC/FBK/FFBFMS	<2	KJ-HT	<0.0267	K	0.0508
0.75	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.033	J-R/LLS	0.0480
1.57	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.346	J/LLS	0.1129
0.56	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.056	J/LLS	0.0535
0.71	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	KJ-QC/FMS	0.0862
0.75	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	KJ-QC/FMS	0.0830
0.63	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0449

1.94	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.123	J/LLS	0.0791
1.60	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.139	J/LLS	0.0781
0.62	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.418	J-QC/FFD/RPO	0.0501
1.10	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	0.373	J-QC/LLS/FFDRPC	0.1246
1.86	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	0.134	J-QC/LLS/FFDRPC	0.1246
0.66	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.151	J/LLS	0.0535
0.93	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.385	J-QC/LLS/FFBFSL	0.1381
1.05	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	K	0.826		0.1485
1.71	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	K	0.826		0.1487
0.63	BJ-QCJ-HT/FBK/FFB	<2	KJ-QCJ-HT	0.639	:/FFB/FLDRPOFSL	0.1000
1.67	BJ-QC/FBK/FFBFMS	<2	K	1.135	J-QC	0.1652
1.64	BJ-QC/FBK/FFBFMS	<2	K	1.141	J-QC	0.1605
0.62	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.588		0.1267

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.89	0.221	0.17	0.76
	1.03	0.188	0.10	1.88
	1.71	0.239	0.20	26.0
	1.02	0.162	0.16	6.3
	1.15	0.140	0.16	4.9
	0.65	0.176	0.11	2.14
	0.96	0.204	0.21	1.9
	0.76	0.381	0.38	16.3
	0.85	0.343	0.31	7.7
	0.85	0.475	0.49	5.6
	1.28	0.426	0.40	2.8
	0.85	0.618	0.47	3.4
	0.93	0.319	0.32	6.73
	0.97	0.578	0.56	9.04
	1.12	0.309	0.25	2.65
	0.80	0.460	0.39	8.49
	0.99	0.280	0.27	2.45
	1.23	0.456	0.45	21.64
	0.63	0.231	0.23	5.74
	1.22	0.398	0.41	5.71
	1.07	0.250	0.27	2.66
	0.80	0.434	0.42	11.04
	0.79	0.301	0.26	8.52
	1.20	0.278	0.16	2.85
	1.20	0.159	0.19	11.41
	1.41	0.267	0.24	1.43
	1.23	0.257	0.26	3.06
	0.88	0.172	0.13	0.70
	0.83	0.124	0.13	1.18
	1.41	0.257	0.30	4.98
	0.92	0.145	0.12	13.43
	0.63	0.115	0.13	6.06
	1.28	0.269	0.24	8.52
	0.90	0.176	0.18	4.90
	1.11	0.182	0.20	23.21
	1.10	0.297	0.29	–
	1.10	0.247	0.23	–
	1.47	0.319	0.31	–
	1.38	0.318	0.19	–
	0.99	0.538	0.49	–
	0.87	0.349	0.41	–
	0.63	0.530	0.50	–
	0.87	0.395	0.37	–
	0.54	0.436	0.48	–

0.58	0.612	0.59	—
0.70	0.502	0.51	—
0.75	0.432	0.39	—
0.92	0.392	0.42	—
0.72	0.343	0.35	—
0.84	0.349	0.34	—
0.88	0.228	0.31	—
0.91	0.191	0.23	—
1.11	0.210	0.15	—
[redacted]			
0.66	0.105	0.12	—
1.32	0.134	0.15	—
0.88	0.116	0.14	—
1.83	0.111	0.44	—
1.15	0.185	0.17	—
0.92	0.198	0.23	—
1.50	0.248	0.27	—
0.94	0.252	—	—
0.82	0.241	—	—
0.68	0.200	0.26	—
0.90	0.451	0.42	—
1.01	0.317	0.36	—
0.86	0.497	0.47	—
0.73	0.308	0.29	—
0.81	0.521	—	—
0.65	0.294	0.54	—
0.68	0.438	0.42	—
0.29	0.538	0.46	—
0.60	0.428	0.38	—
1.31	0.237	0.26	—
1.19	0.232	0.31	—
0.61	0.353	0.37	—
0.89	0.258	0.25	—
0.62	0.257	0.25	—
0.66	0.220	0.20	—
0.66	0.327	0.41	—
1.16	0.281	0.30	—
1.13	0.348	0.40	—
1.34	0.107	0.18	—
[redacted]			
1.43	0.283	0.24	1.5
0.746	0.160	0.16	1.7
0.912	0.166	0.22	2.3
0.732	0.176	0.15	6.3
0.932	0.101	0.07	119.4
0.650	0.211	0.12	36.8
0.832	0.261	0.12	5.6
0.622	0.381	0.35	5.5
0.469	0.235	0.20	4.0

0.931	0.243	—	6.3	
1.06	0.32	0.29	4.8	
1.11	0.28	0.26	<3.0	
1.18	0.25	0.26	<3.0	
1.04	0.26	0.23	<3.0	
1.08	0.23	0.21	<3.0	
1.13	0.23	0.20	<3.0	
0.884	0.22	0.17	<3.0	
0.858	0.20	0.16	<3.0	
[redacted]				
1.13	0.14	0.11	1.2	J-R
1.14	0.14	0.11	1.3	J-R
1.35	0.20	0.15	1.7	J-R
1.20	0.19	0.15	1.4	J-R
0.978	0.10	0.09	3.1	
0.980	0.11	<0.01	3.3	
0.595	0.07	0.08	5.2	
0.615	0.05	0.07	5.3	
0.802	0.29	0.13	4.2	J-R
0.794	0.19	0.12	4.5	J-R
1.52	0.28	0.19	5.6	
1.55	0.26	0.20	5.4	
0.922	0.25	0.12	3.4	J-R
1.00	0.28	0.11	3.5	J-R
0.799	0.34	0.20	4.2	J-R
0.825	0.12	0.18	4.1	J-R
1.21	0.30	0.27	4.5	J-R
1.12	0.28	0.25	4.5	J-R
0.564	0.28	0.23	—	
0.681	0.21	0.20	3.6	J-R
0.989	0.34	0.34	<2.4	
0.982	0.29	0.29	<2.4	
0.792	0.31	0.28	<2.4	
0.736	0.31	0.27	4.1	J-R
0.439	0.29	0.26	5.1	
0.455	0.27	0.25	5.4	
0.685	0.34	0.33	3.2	J-R
0.670	0.35	0.28	3.8	J-R
0.822	0.49	0.46	15.9	
0.746	0.47	0.45	12.9	
1.82	0.30	0.27	20.8	
1.40	0.23	0.26	19.6	
0.793	0.52	0.41	20.4	
0.842	0.44	0.36	19.9	
0.706	0.44	0.42	4.9	
0.681	0.42	0.43	4.8	
0.636	0.28	0.27	<2.4	
0.463	0.26	0.25	<2.4	
0.934	0.43	0.32	5.1	
0.894	0.34	0.32	5.2	

	1.34		0.30		0.30		6.0	
	1.29		0.28		0.27		5.7	
	1.48		0.27		0.25		5.0	
	1.50		0.23		0.22		5.2	
	0.926		0.15		0.15		5.1	
	0.925		<0.01		0.01		5.0	
	0.844		0.14	J-QC/FFB	0.10		5.6	J-HT/EHT
	1.03		0.14	J-QC/FFB	0.09		5.7	J-HT/EHT
	0.839	J-QC/FLS	<0.05	K	0.11		5.1	
	0.915	J-QC/FLS	<0.05	K	0.10		5.2	
	0.715		0.09		0.10		5.5	
	0.728		0.09		0.08		5.4	
	0.977		0.31	J-QC/FFB	0.12		5.1	J-HT/EHT
	0.976		0.27	J-QC/FFB	0.10		5.2	J-HT/EHT
	1.27		0.26		0.22		<2.4	K
	1.21		0.25		0.22		<2.4	K
J-QC/FFB	1.21		0.25		0.24		<2.4	K
J-QC/FFB	1.27		0.25		0.24		<2.4	K
	1.41		0.19		0.17		0.9	J-R
	1.41		0.17		0.15		0.9	J-R
	1.29		0.29		0.30		0.6	J-R
	1.33		0.31		0.27		0.7	J-R
	1.08		0.19		0.19		1.1	J-R
	1.04		0.16		0.20		1.0	J-R
	0.829		0.20		0.19	J-QC/FFB	1.5	J-R
	0.793		0.18		0.17	J-QC/FFB	1.6	J-R
J-QCJ-HT/FFB/EHT	0.546		0.20		0.19		6.6	
J-QCJ-HT/FFB/EHT	0.536		0.20		0.17		6.2	
	0.785	J-QC/FFB	0.32		0.28		2.3	
	0.910	J-QC/FFB	0.29		0.25		2.2	
	1.07		0.29		0.26		5.7	
	1.09		0.28		0.24		5.3	
J-QC/FFB	0.721		0.37		0.31		2.7	J-QC/FFD/RPO
J-QC/FFB	0.660		0.32		0.30		1.9	J-RJ-QC/FFD/RPO
	0.733		0.25		0.24		3.3	
	0.696		0.20		0.20		2.8	
	0.736		0.39		0.36		3.4	J-QC/FFD/RPO
	0.777		0.34		0.32		2.5	J-QC/FFD/RPO
	1.09		0.51	J-QC/FFD/RPO	0.28		4.3	
	0.930		0.28	J-QC/FFD/RPO	0.25		3.5	
J-QC/FFB	0.724		—	NAP	0.42	J-QC/FFB	2.4	
J-QC/FFB	0.768		—	NAP	0.47	J-QC/FFB	2.3	
J-QC/FFB	0.720		0.25		0.22		1.8	J-R
J-QC/FFB	0.724		0.21		0.25		1.9	J-R
	0.962		0.31	J-QC/FFB	0.32		1.7	J-R
	0.845		0.40	J-QC/FFB	0.31		1.6	J-R
	0.710		0.23	J-QC/FFB	0.19		1.8	J-R
	0.732		0.24	J-QC/FFB	0.19		1.9	J-R
	0.847		0.18		0.16		3.4	J-QC/FFD/RPO

	0.819		0.18		0.15		2.5	J-QC/FFD/RPO
	0.798		0.17		0.15		1.7	J-R
[redacted]								
	0.487		0.12		0.12		2.0	
J-QC/FFB	0.731		0.11		0.09		2.0	
	1.27		0.20		0.18		2.5	J-R
	0.890		0.22		0.21		2.3	J-RJ-QC/FSL
	0.817	J-QC/FFB	0.23		0.23		<1.3	K
	0.866	J-QC/FFB	0.22		0.19		<1.3	K
	1.11		0.19		0.20		1.9	J-R
	0.997		0.32		0.22		5.8	J-QC/FFD/RPO
	0.766		0.27		0.23		3.6	
J-QC/FFB	0.675		0.23		0.20		1.9	J-R
	0.980		0.46		0.33		2.8	
	0.690		0.24		0.22		6.9	
	0.649		0.27		0.21		2.9	J-QC/FSL
J-QC/FFB	0.528		0.53		0.48		7.8	J-QC/FSL
	0.423		0.35		0.31		9.4	
	0.583		0.47		0.46		10.6	
J-QC/FFB	0.385		0.29		0.28		2.7	
J-QC/FFB	0.687		0.46		0.43		4.6	J-QC/FSL
J-QC/FFB	—	NAPQNS	0.44		0.40		3.9	J-QC/FSL
	0.815	J-QC/FFD/RPO	0.29		0.26		30.0	
J-QC/FFB	1.05		0.32		0.29		4.1	
	0.862		0.27		0.25		1.5	J-R
J-QC/FFB	0.722		0.22		0.19	J-QC/FLS	1.5	J-R
J-QC/FFB	0.672		0.20		0.17	J-QC/FLS	1.4	J-R
	0.779		0.30	J-QC/FFD/RPO	0.22		<1.3	K
J-QC/FFB	0.894		0.16		0.13		1.9	J-R
	1.14		0.18	J-QC/FFB	0.14		1.5	J-R
[redacted]								
	1.4900	J-QC/FLS	0.18		0.14		1.7 J	
J-QC/FFB	1.3200		0.19	J-QC/FFB/FLS	0.12		9.3	
	2.4169		0.11	J-QC/FFD/RPO	0.11		6.6	J-QC/FFD/RPO
	1.3515		0.11		0.10		9.5	
	0.4717		0.16		0.15		3.3	
J-QC/FFB	0.7711		0.18		0.16	J-QC/FFB/FFDRPO	2.3	J-QC/FSL
J-QC/FFB	0.7189		0.20		<0.02	KJ-QC/FFB/FFDRPO	2.8	J-QC/FSL
	0.9750		0.18		0.16		3.8	
J-QC/FFD/RPO	1.1112	J-QC/FFB/FLS	0.24		0.23		5.5	
	0.5446		0.20	J-QC/FFD/RPO	0.15		4.13	
	0.6919	J-QC/FLS	0.22	J-QC/FFD/RPO	0.21		3.2	
J-QC/FFB	0.8121		0.22	J-QC/FFD/RPOFLS	0.19		3.8	
J-QC/FFB	0.9064	J-QC/FLS	0.24		0.19	J-QC/FFB	3.7	
J-QC/FFB	0.4533	J-QC/FLS	0.33		0.32		10.9	
J-QC/FFB	0.3885		0.21	J-QC/FFB	0.22		15.7	
J-QC/FFB	0.8297	J-QC/FFB	0.38		0.42	J-QC/FFB	8.94	
J-QC/FFB	0.6893		0.26	J-QC/FLS	0.23		5.8	
J-QC/FFB	0.7512	[redacted]	0.25	J-QC/FLS	0.23	[redacted]	5.1	[redacted]
	0.6652	J-QC/FLS	0.08	J-QC/FLS	0.14		5.35	J-QC/FFD/RPO

J-QC/FFB	0.7804		0.12	J-QC/FFB/FLDRPO	0.11		1.41	J-R
J-QC/FFB	1.2010		0.18	J-QC/FFB/FLS	0.12		2.71	
J-QC/FFB	0.9379		0.12	J-QC/FLS	0.11		1.47	J-RJ-QC/FFD/RPO
J-QC/FFB	1.1900		0.16		0.12		0.976	J-RJ-QC/FFD/RPO
J-QC/FFB	1.1030		0.15		0.10		<0.913	KJ-QC/FFD/RPO
[redacted]								
J-QC/FFB	0.8621		0.10	J-QC/FFD/RPO	0.14	J-QC/FFD/RPO	1.18	
J-QC/FFB	0.8406		0.05	J-QC/FFD/RPO	0.09	J-QC/FFD/RPO	1.35	
J-QC/FFB	1.0732	J-QC/FFB	0.10		0.09		1.27	
J-QC/FFB	1.3068	J-QC/FLS	0.11		0.09		3.20	J-QC/FFD/RPO
J-QC/FFB	1.2772	J-QC/FLS	0.11		0.08		5.60	J-QC/FFD/RPO
J-QC/FFB	1.6299		0.17		0.14		3.70	
J-QC/FFB	2.8816	J-QC/FFB	0.19		0.15		15.4	J-QC/FSL
J-QC/FFB	0.9435	J-QC/FFB	0.17		0.14		6.82	
J-QC/FFB	1.5684	J-QC/FLS	0.15		0.13		4.51	
J-QC/FFB	1.3293	J-QC/FFD/RPO	0.15		0.13		2.50	
J-QC/FFB	0.7922	J-QC/FFD/RPO	0.14		0.12		2.63	
	1.0867		0.27		0.20		6.05	
J-QC/FFB	0.8970		0.23	J-QC/FFB	0.15		3.05	J-QC/FSL
J-QC/FFB	1.0779		0.19		0.19	J-QC/FFB	8.69	
J-QC/FFB	1.0653		0.17		0.15		23.6	
	0.9646	J-QC/FLS	0.25		0.24		7.50	
	0.9636	J-QC/FLS	0.21		0.21		7.75	
J-QC/FFB	2.7537		0.24		0.22		4.12	
	0.7601		0.29		0.30		1.07	
J-HT/EHT	1.0567	J-QC/FLS	0.30		0.25		1.89	
J-HT/EHT	1.0480	J-QC/FLS	0.25		0.24		2.17	
	0.6853	J-QC/FFB	0.25	J-QC/FLS	0.23	J-QC/FLS	6.07	
	0.7470	J-QC/FFB	0.22	J-QC/FLS	0.22	J-QC/FLS	6.68	
	0.5267		0.28	J-QC/FFD/RPO	0.24		3.46	J-QC/FFD/RPO
	0.6100	J-QC/FLS	0.20		0.18		2.44	
	0.8428		0.24		0.22		3.37	J-QC/FFD/RPO
	1.0906		0.24		0.23		7.95	J-QC/FFD/RPO
	0.7256		0.18		0.17		2.89	J-QC/FSL
	0.7450		0.18		0.17		2.60	J-QC/FSL
J-QC/FFB	1.1272	J-QC/FFB	0.30	J-QC/FLS	0.20		0.277	J-RJ-QC/FSL
	0.7979	J-HT/EHT	0.20		0.18		1.33	J-QC/FFD/RPOFSL
J-QC/FFB	0.9998		0.15		0.14		2.02	
J-QC/FFB	1.3719		0.15		0.13		0.260	J-RJ-QC/FFD/RPO
J-QC/FFB	1.3909		0.14		0.13		<0.234	KJ-QC/FFD/RPO
[redacted]								
J-QC/FFB	1.4504	[redacted]	0.16	J-QC	0.13	J-QC/FFD/RPO	3.29	
J-QC/FFB	0.7390	[redacted]	0.15		0.11	[redacted]	1.97	J-QC/LLS/FFDRPO
NA	—	NA	—	NA	—	NA	—	NA
J-HT/EHT	1.3363	J-QC/FFB	0.22	[redacted]	0.18	[redacted]	1.44	J-QC/LLS/FFDRPO
J-QCJ-HT/FFB/EHT	1.3744	J-QC/FFB	0.11	[redacted]	0.08	J-QC/FLD/RPO	6.52	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	—	NA
J-QC/FFB	0.8122	[redacted]	0.14	[redacted]	0.13	J-QC/FSL	3.11	J-QC/FFB/FFDRPO
[redacted]	1.1291	J-QC/FFB	0.29	[redacted]	0.21	J-QC	0.976	J/LLS
J-QC/FFB	0.8253	J-QC/FLS	0.20	[redacted]	0.16	J-QC/FFB	2.41	J-QC/FFD/RPO

J-QC/FFB	0.9843	J-QC/FLS	0.19	[redacted]	0.17	J-QC/FFB	3.43	J-QC/FFD/RPO
J-QC/FFB	1.1658	J-QC/FFB	0.26	[redacted]	0.24	J-QC/FLD/RPO	2.92	J-QC/FFD/RPO
J-QC/FFB	1.1274	J-QC/FFB	0.25	[redacted]	0.22	J-QC/FLD/RPO	1.74	J-QC/LLS/FFDRPO
[redacted]	0.7391	[redacted]	0.20	[redacted]	0.21	J-QC/FLD/RPO	4.39	
J-QC/FFB	0.7652	[redacted]	0.37	[redacted]	0.34	J-QC	3.44	
J-QC/FFB	0.6104	)CJ-HT/FFD/RPOE	0.18	J-QC/FLD/RPO	0.17	[redacted]	<0.231	KJ-QC/FFD/RPO
J-QC/FFB	0.3567	[redacted]	0.23	[redacted]	0.16	J-QC/FMS	3.29	J-QC/FFB/FFDRPO
J-QC/FFB	0.3779	[redacted]	0.22	[redacted]	0.17	J-QC/FMS	11.0	J-QC/FFB/FFDRPO
J-QC/FFB	0.7347	[redacted]	0.42	J-QC/FSL	0.32	J-QC	—	NRP
[redacted]	0.3363	J-QC/FLS	0.20	[redacted]	0.16	[redacted]	3.33	J-QC/FFB/FFDRPO
[redacted]	0.9139	J-QC/FFB	0.30	J-QC/FFB/FSL	0.27	[redacted]	9.12	
[redacted]	0.6855	J-QC/FFB	0.20	[redacted]	0.19	[redacted]	5.31	
J-QC/FFB	0.8040	J-QC	0.21	[redacted]	0.21	[redacted]	4.29	J-QC/FFD/RPO
J-QC/FFB	0.8007	[redacted]	0.23	[redacted]	0.21	[redacted]	4.40	
J-QC/FFB	0.8327	[redacted]	0.22	[redacted]	0.20	[redacted]	4.01	
J-QC/FFB	0.8688	[redacted]	0.21	[redacted]	0.24	[redacted]	3.98	J-QC/FFD/RPO
J-QC/FFB	0.7860	[redacted]	0.21	[redacted]	0.19	[redacted]	4.50	J-QC/FFB
J-QC/FFB	0.7488	[redacted]	0.19	[redacted]	0.18	[redacted]	3.99	J-QC/FFB
J-QC/FFB	0.7791	[redacted]	0.28	J-QC	0.25	J-QC/FFD/RPO	9.95	J-QC/FFB
[redacted]	0.6685	[redacted]	0.18	[redacted]	0.18	J-QC	3.64	
[redacted]	0.6560	[redacted]	0.20	[redacted]	0.19	J-QC	3.49	
[redacted]	1.2308	J-QC/FLS	0.25	[redacted]	0.21	J-QC/FFB	3.63	
J-QC/FFB	0.4762	J-QCJ-HT/EHT	0.16	J-QC/FMS	0.14	[redacted]	3.21	J-QC/FFB
J-QC/FFB	0.4486	J-QCJ-HT/EHT	0.15	J-QC/FMS	0.13	[redacted]	3.09	J-QC/FFB
[redacted]	0.8623	J-QC/FLS	0.17	[redacted]	0.16	[redacted]	4.05	
[redacted]								
	1.1049	J-QC/FFB/FLS	0.17		0.14		3.78	
	1.0944	J-QC/FFB/FLS	0.11		0.10		4.01	
J-QC/FFB	1.1760		0.17		0.14		3.21	
J-QC/FFB	0.9989		0.12		0.09		2.83	
J-QC/FFB	1.0774		0.12		0.10		2.65	
	0.7515	J-HT	0.10	J-QC	0.08	J-QC	4.03	
J-QC/FFB	0.7400	J-QC/FLS	0.27	J-QC/FFB/FMS	0.23		4.53	J-QC/FFD/RPO
J-QC/FFB	0.4980		0.15	J-QC/FFB/FMS	0.13	J-QC/FFB	6.72	J-QC
	1.0990	J-QC/FLS	0.31	J-QC	0.28	J-QC/FFB	5.08	
	1.1178	J-QC/FLS	0.29	J-QC	0.26	J-QC/FFB	5.12	
J-QC/FFB	0.8893		0.32		0.16		5.14	
J-QCJ-HT/FFB	0.8079		0.24		0.18		2.77	
J-QC/FFB	0.7893		0.19		0.16		2.12	
J-QC/FFB	0.9091		0.25		0.23		4.80	
J-QC/FFB	0.8849		0.21		0.20		4.87	
J-QC/FFB	0.6410		0.20		0.19		4.06	
J-QC/FFB	0.8402		0.38	J-QC/FMS	0.34	J-QC/FMS	3.30	
	0.5444		0.21	J-QC/FFB	0.17		3.93	
	0.5108		0.17	J-QC/FFB	0.14		3.22	
J-QC/FFB	0.8430		0.34		0.32		5.48	
	0.5747		0.22		0.21		1.14	-QC/LLS/FFBFFDRP(
	0.6845		0.32		0.30		9.25	
	0.7193		0.28		0.30		9.03	
	0.4526		0.18		0.16		9.25	

J-QC/FFB	0.6277	J-HT	0.33		0.29		11.5	
J-QC/FFB	0.6460	J-HT	0.31		0.26		11.9	
	0.5620		0.19	J-QC/FMS	0.17		17.2	
	0.7506		0.38		0.34		10.5	
	0.7580		0.37		0.34		11.2	
	0.4545		0.19	J-QC/FFB	0.18	J-QC	15.0	
J-QC/FFB	0.6602	J-HT	0.35	J-QC/FFB	0.30	J-QC	1.62	J/LLS
J-QCJ-HT/FFB	0.9293		0.36		0.34		9.05	
J-QCJ-HT/FFB	0.8889		0.33		0.27		8.23	
J-QC/FFB	0.7075	J-HT	0.24		0.20		7.65	
J-QC/FFB	1.6739	J-QC/FLS	0.33		0.27		1.52	J-QC/LLS/FFDRPO
J-QC/FFB	1.7081	J-QC/FLS	0.30		0.25		0.98	J-QC/LLS/FFDRPO
J-QC/FFB	1.2389		0.22	J-QC/FMS	0.18		1.86	J/LLS

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
4.2	0.00	0.00
6.5	0.00	0.11
[redacted]		
23.0	0.45	0.45
22.0	0.00	0.00
13.0	0.00	0.00
6.0	0.00	0.24
4.5	0.00	0.00
4.1	0.00	0.10
3.3	0.31	0.31
2.1	0.00	0.00
14.1	0.00	0.18
6.1	0.57	0.57
4.9	0.00	0.00
0.8	0.85	0.85
4.4	0.02	0.02
8.7	0.00	0.00
20.0	0.00	0.45
11.1	0.00	0.00
5.8	0.10	0.10
8.0	0.03	0.03
13.9	0.00	0.00
8.9	0.00	0.00
2.0	0.00	0.00
10.5	0.00	0.00
5.7	0.78	0.78
6.2	0.00	0.00
6.0	0.00	0.66
5.0	0.00	0.00
[redacted]		
0.5	0.01	0.01
2.3	0.00	0.10
<0.5	0.01	0.14
1.8	0.00	0.00
3.6	0.00	0.09
0.9	0.00	0.00
2.7	0.00	0.00
1.7	0.00	0.00
—	0.00	0.40
1.3	0.00	0.00
2.4	0.83	0.83
5.8	0.00	0.00
4.5	0.00	0.00
10.0	0.00	0.07
4.7	0.00	0.00
4.9	0.00	0.01

4.8	0.00	0.08	[redacted]
4.3	0.00	0.00	
4.0	0.00	0.00	
2.9	0.01	0.01	
2.8	0.00	0.00	
3.0	0.05	0.05	
1.4	0.00	0.00	
3.9	0.00	0.03	
7.2	0.00	0.00	
[redacted]			
5.8	0.01	0.14	
7.2	0.00	0.00	
5.0	0.00	0.00	
6.9	0.00	0.00	
5.4	0.00	0.00	
5.3	0.00	0.01	
8.8	0.00	0.00	
—	0.00	0.00	
—	0.54	0.93	
3.0	0.00	0.00	
4.0	0.00	0.00	
2.1	0.25	1.44	
4.2	0.33	2.38	
3.0	0.00	0.00	
—	0.36	0.36	
14.1	0.00	0.00	
7.5	0.15	0.15	
7.2	0.00	0.00	
8.2	0.00	0.02	
8.6	0.00	0.00	
5.9	0.62	1.01	
3.6	0.35	0.35	
4.8	0.00	0.00	
7.6	0.00	0.00	
3.4	0.00	0.00	
4.4	0.00	0.41	
3.8	0.00	0.00	
4.9	0.00	0.00	
2.1	0.00	0.00	
[redacted]			
3.6	0.00	0.00	
2.0	0.00	0.00	
1.0	0.02	0.14	
2.4	0.25	0.25	
2.1	0.17	0.27	
3.5	0.00	0.00	
2.3	0.00	0.00	
6.5	0.03	0.32	
1.7	0.00	0.00	

2.4	0.05	0.05
7.6	0.00	0.00
6.5	0.00	0.00
6.1	0.00	0.00
6.2	0.00	0.00
5.7	0.00	0.00
8.9	0.00	0.22
4.3	0.08	0.57
4.1	0.08	0.57
[redacted]		
4.1	0.00	0.00
3.0	0.00	0.00
3.3	0.08	0.08
3.2	0.08	0.08
5.2	0.00	0.00
5.4	0.00	0.00
8.5	0.00	0.00
4.2	0.00	0.00
4.1	0.00	0.00
3.5	0.00	0.00
5.0	0.00	0.00
4.8	0.00	0.00
4.5	0.15	0.20
4.5	0.15	0.20
4.9	0.00	0.00
5.6	0.00	0.00
6.0	0.00	0.01
5.8	0.00	0.01
5.6	0.04	0.21
6.1	0.04	0.21
10.8	0.01	0.83
9.1	0.01	0.83
5.9	0.00	0.00
5.0	0.00	0.00
4.9	0.00	0.00
5.1	0.00	0.00
5.4	0.00	0.00
5.4	0.00	0.00
5.3	0.00	1.17
5.0	0.00	1.17
4.0	0.00	0.00
4.0	0.00	0.00
5.3	0.00	0.00
5.0	0.00	0.00
5.4	0.00	0.00
5.4	0.00	0.00
3.7	0.00	0.00
3.6	0.00	0.00
4.6	0.00	0.00
4.4	0.00	0.00

3.7		0.00	0.17
3.6		0.00	0.17
21.6		0.15	0.38
23.2		0.15	0.38
3.7		0.12	1.05
4.3		0.12	1.05
[redacted]			
4.7		0.00	0.00
4.1		0.00	0.00
4.5		0.00	0.00
4.5		0.00	0.00
4.5	J-QC/FFB	0.00	0.15
5.2	J-QC/FFB	0.00	0.15
5.7		0.00	0.00
4.6		0.00	0.00
7.0	J-QC/FFD/RPO	0.54	1.15
4.9	J-QC/FFD/RPO	0.54	1.15
7.1		0.00	0.00
6.0		0.00	0.00
5.7		0.00	0.00
5.3		0.00	0.00
8.8		0.00	0.00
8.8		0.00	0.00
4.3		0.00	0.00
4.6		0.00	0.00
—	NAPEFAI/EQF	0.00	0.66
—	NAPEFAI/EQF	0.00	0.66
5.5		0.00	0.20
5.3		0.00	0.20
6.5		0.00	0.00
6.2		0.00	0.00
5.8		0.15	1.69
4.9		0.15	1.69
6.1		0.00	1.70
6.6		0.00	1.70
6.8	J-QC/FFB	0.41	0.42
6.6	J-QC/FFB	0.41	0.42
6.3	J-QC/FFB	0.00	0.00
5.7	J-QC/FFB	0.00	0.00
5.7	J-QC/FFB	0.01	0.11
4.8	J-QC/FFB	0.01	0.11
6.2	J-QC/FFB	0.00	0.00
5.8	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB	0.00	0.00
6.1	J-QC/FFB	0.00	0.00
5.7	J-QC/FFB	0.00	0.00
5.5	J-QC/FFB/FFDRPO	0.00	0.00
3.9	J-QC/FFB/FFDRPO	0.00	0.00
4.0	J-QC/FFB	0.00	0.00

3.9	J-QC/FFB	0.00	0.00
3.9	J-QC/FFB	0.00	0.00
[redacted]			
8.10	J-QC/FFB	0.00	0.01
4.70		0.00	0.00
6.42		0.03	2.06
5.60		0.00	0.00
5.10		0.01	1.44
5.20		0.01	1.44
5.30	J-QC/FFB	0.00	0.00
5.32	J-QC/FFB	0.00	0.00
5.67	J-QC/FFB	1.11	1.11
4.70	J-QC/FFB	0.00	0.00
6.25	J-QC/FFB	0.00	0.00
4.80		0.00	0.00
3.60	J-QC/FFB	0.00	0.17
5.20	J-QC/FFB	0.05	0.05
4.20	J-QC/FFB	0.00	0.28
5.20	J-QC/FFB	0.00	0.04
4.50	BJ-QC/FBK/FFB	0.00	0.00
5.90	J-QC/FFB	1.24	1.41
5.40	J-QC/FFB	1.24	1.41
3.90	J-QC/FFB	0.34	1.06
4.20	B/FBK	0.00	0.00
4.40	BJ-QC/FBK/FFB	0.00	0.00
3.90	BJ-QC/FBK/FFB	1.05	1.05
3.50	BJ-QC/FBK/FFB	1.05	1.05
3.20		0.00	0.00
9.20	J-QC/FFB	0.00	0.00
5.10		0.00	0.00
[redacted]			
5.0		0.00	0.02
6.6	J-QC/FFB	0.00	0.00
5.7	J-QC/FFB	0.17	2.58
4.6	J-QC/FFB	0.64	1.31
4.4	B/FBK	0.00	0.00
5.0	BJ-QC/FBK/FFB	0.00	0.00
4.4	BJ-QC/FBK/FFB	0.00	0.00
5.5	J-QC/FFB	0.01	2.40
5.3		0.00	0.00
3.6	J-QC/FFB	0.00	0.00
3.4	J-QC/FFB	0.04	0.05
3.6	J-QC/FFB/FFDRPO	0.00	0.00
4.3	J-QC/FFB	0.00	0.00
5.9	J-QC/FFB	0.39	0.39
3.7	J-QC/FFB	0.28	0.29
5.9	J-QC/FFB	0.00	0.12
5.1	J-QC/FFB	0.07	0.07
4.5	J-QC/FFB	0.07	0.07
5.4	J-QC/FFB	0.00	0.00

5.1	J-QC/FFB	0.00	0.00
4.3		0.04	1.03
4.4		0.00	0.00
4.3		0.13	0.16
4.9		0.13	0.16
[redacted]			
3.4		0.00	0.00
3.2		0.00	0.00
4.9	J-QC/FFB	0.00	0.00
4.9	BJ-QC/FBK/FFB	0.00	0.00
4.5	BJ-QC/FBK/FFB	0.00	0.00
2.7	J-QC/FFB	0.00	0.00
3.4	J-QC/FFB	0.62	0.62
3.4	J-QC/FFB	0.27	0.30
3.5	J-QC/FFB	0.73	0.76
3.0		0.20	2.14
2.6		0.20	2.14
3.8	J-QC/FFB	0.00	0.02
3.6	J-QC/FFB	0.09	0.67
4.1	J-QC/FFB	0.93	2.05
3.1	BJ-QC/FBK/FFB	0.00	0.00
4.1		0.00	0.95
3.6		0.00	0.95
6.6	J-QC/FFB	0.00	0.26
6.8	J-QC/FFB/FLS	0.04	0.09
4.3	J-QC/FFB/FFDRPO	0.00	0.00
2.2	J-QC/FFB/FFDRPO	0.00	0.00
—	NAPEFAI/EQF	0.00	0.00
—	NAPEFAI/EQF	0.00	0.00
4.5	J-QC/FFB/FFDRPO	0.00	0.00
2.9	J-QC/FFB	0.00	0.00
3.2	J-QC/FFB	0.11	0.70
3.9	J-QC/FFD/RPO	0.00	0.06
2.6	J-QC/FFB/FFDFLDRPO	0.00	0.00
1.6	J-QC/FFB/FFDFLDRPO	0.00	0.00
2.8		0.00	0.00
3.3		0.35	0.35
4.6	BJ-QC/FBK/FFB	0.46	0.46
3.3	BJ-QC/FBK/FFB	0.03	0.03
2.7	BJ-QC/FBK/FFB	0.03	0.03
[redacted]			
6.98	BJ-QC/FBK/FFB	0.00	0.00
3.35	J-QC/FFB	0.72	0.72
—	NA	0.00	1.33
5.01	BJ-QC/FBK/FFB	0.00	0.00
8.3	J-QC/FFD/RPO	0.00	0.00
—	NA	0.01	0.01
7.4		0.08	1.54
4.2	J-QC/FFD/RPO	0.00	0.00
4.5	J-QC/FFD/RPO	0.35	0.88

2.4	J-QC/FFD/RPO	0.35	0.88
6.0		0.00	0.55
5.9		0.00	0.55
5.6	J-QC/FFB/FSL	0.00	0.04
5.1		0.14	0.27
5.6		0.11	0.11
3.9	J-QC/FFB	0.00	0.00
4.0	J-QC/FFB	0.00	0.00
5.2	J-QC/FMS	0.00	0.00
3.6	J-QC/FLD/RPO	0.19	0.19
6.1	J-QC	0.02	0.52
4.3		0.00	0.00
4.0	J-QC	0.40	0.40
4.4	J-QC/FFB	0.00	0.00
3.6	J-QC/FFB	0.00	0.00
3.0	J-QC	0.03	0.03
4.2	J-QC/FSL	0.00	0.00
3.8	J-QC/FSL	0.00	0.00
3.7	J-QC/FLD/RPOFMS	0.52	0.52
2.6	J-QC/FMS	0.00	0.00
2.3	J-QC/FMS	0.00	0.00
4.2	QC/FBK/FFBFLDRPOFSLF	0.00	0.00
3.04	J-QC/FFB/FFDRPO	0.40	0.40
1.07	J-QC/FFB/FFDRPO	0.40	0.40
4.74		0.19	0.19
[redacted]			
3.4	J-QC/FMS	0.35	0.35
3.1	J-QC/FMS	0.35	0.35
3.3	J-QC/FMS	0.00	1.44
3.0	J-QC/FMS	0.00	0.00
2.9	J-QC/FMS	0.00	0.00
4.3	J-QC	0.00	0.00
4.7		0.52	0.52
3.7		0.03	0.03
7.6		0.40	0.40
6.9		0.40	0.40
7.3		0.00	0.00
5.3	J-QC/FMS	0.00	2.46
5.0		0.00	0.00
6.5		0.00	0.00
7.2		0.00	0.00
2.4	J-QC/FMS	0.00	0.00
2.1	J-QC/FMS	0.49	0.49
1.7		0.75	0.84
1.2		0.75	0.84
2.4	J-QC/FMS	0.00	0.00
2.5		0.00	0.00
3.4	J-QC	0.00	0.00
2.8	J-QC	0.00	0.00
1.7	B/FBK	0.55	0.64

5.3		0.00	0.00
5.1		0.00	0.00
2.2	B/FBK	0.00	0.00
4.8		0.00	0.00
4.4		0.00	0.00
1.8		0.00	0.00
3.7	J-QC/FLD/RPO	0.00	0.73
4.6		0.00	0.00
4.6		0.00	0.00
2.4		0.00	0.00
4.6		0.00	0.00
4.2		0.00	0.00
3.7		0.08	0.16

[redacted]

[redacted]

Station #15 Lower Hackensack 2	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 10, 2003	12:00	6.20	4.9	11.34
December 16, 2003	12:40	6.70	5.0	8.83
2004				
March 31, 2004	11:05	7.73	9.6	8.51
April 7, 2004	09:50	7.51	7.5	9.35
April 20, 2004	09:55	7.57	11.7	9.24
May 4, 2004	09:55	7.56	13.7	7.45
May 18, 2004	10:35	7.28	17.7	6.40
May 25, 2004	10:25	7.12	21.0	4.97
June 22, 2004	09:45	7.42	24.0	6.03
June 28, 2004	10:36	7.35	—	5.83
July 6, 2004	10:15	7.20	25.4	5.10
July 13, 2004	11:30	7.45	25.7	—
July 20, 2004	10:25	7.44	24.0	4.57
July 27, 2004	09:55	7.01	23.5	3.33
August 3, 2004	11:03	7.17	24.85	3.75
August 10, 2004	10:07	7.33	24.66	4.17
August 17, 2004	10:18	7.00	23.06	4.04
August 24, 2004	10:25	—	26.15	3.37
August 31, 2004	10:20	7.32	24.64	7.04
September 7, 2004	09:55	7.35	25.45	5.19
September 14, 2004	10:15	—	23.35	6.46
September 21, 2004	09:55	6.94	21.47	3.51
October 7, 2004	10:20	7.24	20.10	4.70
October 21, 2004	10:24	—	15.4	5.57
November 4, 2004	10:23	7.00	13.3	7.26
November 18, 2004	10:28	7.59	10.61	7.64
December 2, 2004	10:13	7.26	10.30	7.90
December 16, 2004	10:50	—	6.2	12.76
2005				
February 23, 2005	10:20	—	3.97	—
March 9, 2005	11:00	—	4.2	10.54
March 21, 2005	10:12	—	5.0	11.22
April 12, 2005	13:05	7.46	10.0	—
May 3, 2005	12:25	7.31	15.66	5.83
May 10, 2005	10:06	7.32	13.02	9.45
May 18, 2005	12:30	7.42	18.39	6.79
June 2, 2005	12:35	7.23	19.67	3.99
June 7, 2005	10:02	7.14	19.96	5.32
June 13, 2005	10:41	7.25	24.24	4.34
July 5, 2005	10:18	7.28	24.28	4.83
July 12, 2005	09:56	7.19	25.79	3.79
July 20, 2005	10:36	7.20	27.31	4.06
July 26, 2005	10:23	7.22	28.73	3.58
August 2, 2005	10:39	—	28.11	5.28
August 10, 2005	—	—	—	—

August 16, 2005	10:28	7.15	29.35	2.53
August 24, 2005	09:51	—	26.77	3.75
August 30, 2005	—	—	—	—
September 14, 2005	10:14	7.22	26.73	4.21
September 21, 2005	10:20	7.31	24.36	4.71
September 29, 2005	10:00	7.31	23.22	6.06
October 5, 2005	10:46	7.32	21.24	5.96
October 19, 2005	10:12	7.79	10.09	9.17
December 20, 2005	10:36	7.28	3.44	12.45
2006				
January 30, 2006	10:19	7.49	5.12	13.55
February 14, 2006	11:08	7.33	4.35	10.66
March 16, 2006	10:18	7.76	6.24	10.56
March 27, 2006	10:49	7.75	8.13	9.65
April 10, 2006	10:21	7.59	9.88	8.06
April 26, 2006	10:14	7.33	13.65	8.09
May 4, 2006	10:23	7.28	15.40	7.26
May 10, 2006	10:11	7.44	14.96	7.16
May 16, 2006	11:55	7.24	15.50	7.33
June 14, 2006	10:46	7.32	18.99	5.70
June 20, 2006	10:23	7.07	25.29	4.94
June 29, 2006	10:41	7.14	23.15	6.32
July 6, 2006	10:09	7.08	25.93	4.35
July 10, 2006	10:12	7.18	20.67	6.47
July 18, 2006	09:59	7.06	28.48	2.59
July 27, 2006	10:09	7.08	25.29	5.33
August 3, 2006	09:50	7.28	29.34	5.13
August 7, 2006	12:22	7.34	27.39	3.90
August 16, 2006	10:31	7.10	26.46	3.49
August 23, 2006	09:49	7.25	24.77	5.26
August 28, 2006	10:03	6.97	23.94	3.95
September 5, 2006	10:12	7.12	21.82	4.98
September 12, 2006	11:06	7.22	21.56	4.56
September 21, 2006	10:39	7.17	21.17	5.02
September 28, 2006	10:27	7.24	20.13	5.14
October 2, 2006	10:40	7.25	19.23	4.82
October 16, 2006	10:23	7.34	17.74	5.63
October 30, 2006	11:09	7.52	12.36	7.74
December 11, 2006	11:34	7.49	7.76	8.63
2007				
January 11, 2007	10:52	7.55	7.83	9.03
January 22, 2007	09:59	7.51	4.89	9.89
February 21, 2007	10:42	8.07	1.20	9.54
March 19, 2007	11:33	7.92	3.78	10.73
April 2, 2007	10:11	7.58	7.32	12.03
April 30, 2007	11:43	7.44	13.09	8.52
May 15, 2007	10:26	7.32	15.99	8.35
Boat engine failure - 5/18/07				
August 20, 2007	10:29	7.25	25.30	3.54
August 29, 2007	10:51	7.38	23.16	6.36

September 10, 2007	09:56	7.38		24.46	6.39
October 4, 2007	10:38	7.05		23.16	3.51
October 15, 2007	10:27	7.38		19.53	5.42
October 29, 2007	10:36	7.19		16.68	6.14
November 14, 2007	11:02	—		11.57	8.00
December 10, 2007	10:50	—		6.52	9.04
2008					
January 7, 2008	10:48	—		4.74	11.31
February 4, 2008	10:36	7.39		4.78	9.99
March 10, 2008	10:38	7.37		5.63	—
April 7, 2008	10:28	7.85		7.73	11.06
May 8, 2008	11:43	7.42		15.02	7.12
May 15, 2008	10:09	7.34		14.78	6.75
May 22, 2008	10:58	7.55		14.10	7.42
June 2, 2008	11:05	7.42		18.55	5.86
June 9, 2008	10:40	7.30		21.74	4.46
June 16, 2008	10:43	7.23		23.67	4.47
June 23, 2008	10:51	7.29		22.79	5.11
July 7, 2008	11:12	7.18		23.82	4.21
July 22, 2008	11:05	7.29		25.33	4.94
August 4, 2008	09:58	7.15		25.27	3.73
August 12, 2008	10:37	7.13		25.50	3.79
August 18, 2008	10:03	6.92		23.91	4.76
August 25, 2008	10:32	7.16		26.92	3.66
September 8, 2008	10:43	7.27		25.90	4.97
September 15, 2008	10:25	7.04		23.30	5.92
September 22, 2008	10:34	6.32		22.69	3.67
October 6, 2008	10:19	—		19.93	3.46
November 6, 2008	10:15	—		14.22	5.87
December 1, 2008	10:42	7.28		7.31	8.15
2009					
January 27, 2009	10:29	7.55		1.93	11.58
February 25, 2009	11:20	7.31		2.63	11.09
March 10, 2009	10:26	7.30		4.24	12.62
April 8, 2009	10:28	7.39		8.57	10.74
May 4, 2009	11:06	7.19		16.06	—
May 19, 2009	09:55	7.04		16.02	—
May 27, 2009	10:23	7.01		17.21	—
June 1, 2009	10:51	7.09		19.37	—
June 8, 2009	11:52	7.30		19.12	—
June 22, 2009	10:40	7.26		20.01	5.18
July 13, 2009	11:33	7.11		21.80	5.63
July 20, 2009	11:07	—	NAPEFAI/EQF	24.23	4.95
July 27, 2009	11:58	—	NAPEFAI/EQF	23.81	4.96
August 3, 2009	10:32	—	NAPEFAI/EQF	25.98	3.87
August 10, 2009	10:52	—	NAPEFAI/EQF	23.91	4.58
August 17, 2009	10:25	—	NAPEFAI/EQF	27.64	—
August 24, 2009	11:03	—	NAPEFAI/EQF	26.35	—
August 31, 2009	10:44	—	NAPEFAI/EQF	24.65	—
September 9, 2009	10:23	—	NAPEFAI/EQF	22.73	—

September 14, 2009	10:23	—	NAPEFAI/EQF	21.08	—
September 21, 2009	10:19	—	NAPEFAI/EQF	—	—
October 6, 2009	11:10	—	NAPEFAI/EQF	17.99	—
November 23, 2009	11:27	7.61		11.43	8.30
2010					
March 17, 2010	10:00	7.23		6.46	11.98
April 15, 2010	10:05	7.52		11.34	12.74
May 4, 2010	11:00	7.36		17.62	7.23
May 10, 2010	10:47	7.38		14.63	8.80
May 19, 2010	10:40	7.21		14.84	7.42
May 24, 2010	10:22	7.16		17.90	8.45
June 3, 2010	10:20	7.25		23.43	5.00
June 9, 2010	10:35	7.28		23.11	5.28
June 15, 2010	10:15	7.33		21.33	5.80
June 21, 2010	10:45	7.23		24.42	5.01
June 29, 2010	10:03	7.50		25.75	6.02
July 12, 2010	10:15	7.58		24.66	6.06
July 19, 2010	10:27	7.21		28.68	4.23
July 26, 2010	10:30	7.33		26.69	7.94
August 2, 2010	10:03	7.21		27.52	3.27
August 9, 2010	10:43	7.35		25.72	4.77
August 16, 2010	10:22	7.19		26.31	3.50
August 23, 2010	10:18	7.35		24.86	4.70
August 30, 2010	10:34	7.27		24.02	4.23
September 20, 2010	10:21	7.27		20.71	6.78
September 27, 2010	10:17	7.45		20.63	7.01
October 7, 2010	10:20	7.32		18.04	6.71
November 22, 2010	10:23	7.59		10.37	9.50
December 7, 2010	10:21	7.58		5.84	11.66
2011					
January 3, 2011	11:21	7.48		2.63	11.36
February 14, 2011	10:00	7.60		3.13	15.15
March 7, 2011	10:35	7.31		6.03	13.46
April 13, 2011	10:10	7.20		10.41	9.07
May 2, 2011	10:37	7.20		14.74	7.85
May 9, 2011	11:03	6.76		15.97	7.78
May 19, 2011	10:42	7.22		15.68	6.92
May 26, 2011	10:18	7.09		20.94	4.27
June 6, 2011	11:37	7.37		19.33	7.50
June 13, 2011	10:26	7.14		22.40	5.04
June 20, 2011	10:50	7.04		22.64	5.07
June 29, 2011	10:20	7.27		23.69	4.55
July 25, 2011	10:23	7.34		29.55	5.08
August 1, 2011	10:22	7.42		25.17	4.19
August 8, 2011	10:44	7.18		28.15	3.53
August 18, 2011	10:25	7.20		24.35	4.08
September 13, 2011	11:00	7.10		21.43	5.77
September 26, 2011	10:20	7.31		20.41	4.77
October 20, 2011	10:42	7.43		17.21	6.85
November 15, 2011	10:19	7.67		11.76	8.04

December 21, 2011	10:22	7.53		6.78	10.51
2012					
January 9, 2012	10:57	7.60		6.22	9.91
February 6, 2012	10:45	7.53		5.25	10.01
March 5, 2012	10:35	7.50		5.87	10.76
April 16, 2012	10:53	7.50		13.69	7.31
May 1, 2012	10:30	7.37		13.58	8.27
May 9, 2012	10:29	7.30		15.13	6.79
May 15, 2012	10:15	7.29		19.01	6.14
May 22, 2012	10:10	7.32		18.17	8.20
May 31, 2012	10:15	7.28		24.50	4.12
June 7, 2012	10:15	—	NAPEFAI/EQF	19.96	3.82
June 13, 2012	10:03	—	NAPEFAI/EQF	22.42	3.18
June 18, 2012	10:10	—	NAPEFAI/EQF	21.25	4.07
June 26, 2012	10:17	—	NAPEFAI/EQF	24.94	2.45
July 16, 2012	10:00	7.49		27.21	5.25
July 23, 2012	10:00	7.36		25.73	4.86
July 30, 2012	09:46	7.29		25.89	4.27
August 8, 2012	10:52	7.27		27.45	5.05
August 13, 2012	10:36	7.35		28.31	5.02
August 20, 2012	10:38	7.25		24.27	4.45
September 5, 2012	10:12	7.31		24.95	5.59
September 10, 2012	10:32	7.24		25.74	3.83
September 17, 2012	10:11	7.45		22.81	5.46
September 26, 2012	09:46	7.30		20.39	5.60
October 15, 2012	09:48	7.26		16.55	7.88
November 26, 2012	09:20	7.48		7.53	8.85
December 3, 2012	08:58	7.47		7.20	8.84
2013					
January 7, 2013	09:59	3.48		7.30	12.40
February 7, 2013	08:05	7.10		2.97	11.67
February 27, 2013	09:10	7.65		4.14	13.06
March 5, 2013	08:35	7.07		5.34	10.51
April 1, 2013	09:26	7.50		7.24	10.43
April 22, 2013	09:35	7.86		12.71	8.27
May 9, 2013	10:33	7.28		15.29	7.14
May 16, 2013	10:16	7.30		16.19	5.52
May 23, 2013	10:07	7.40		16.96	5.86
June 3, 2013	10:07	7.40		23.12	4.69
June 11, 2013	10:21	7.21		19.87	5.90
June 17, 2013	10:25	7.46		21.21	4.05
June 24, 2013	10:50	7.59		20.68	6.26
July 8, 2013	10:37	7.55		22.75	5.35
July 15, 2013	10:15	7.39		26.77	3.53
July 22, 2013	10:06	7.60		25.47	5.15
July 29, 2013	10:45	7.46		25.14	4.27
August 5, 2013	10:54	7.58		23.13	4.88
August 12, 2013	10:47	7.61		23.54	4.76
August 19, 2013	11:30	7.37		22.88	4.65
August 26, 2013	11:00	7.45		23.42	5.86

September 5, 2013	10:30	7.38	[redacted]	23.25	4.67
September 12, 2013	10:34	7.37	[redacted]	23.71	4.35
September 18, 2013	10:20	7.38	[redacted]	19.66	5.60
September 26, 2013	09:56	7.21	[redacted]	19.12	5.28
October 7, 2013	10:42	7.49	[redacted]	19.60	6.48
November 18, 2013	10:47	7.53	[redacted]	9.55	10.70
2014					
January 14, 2014	10:39	7.32		2.02	11.75
February 6, 2014	10:47	6.15		0.85	11.05
March 11, 2014	10:35	7.63		2.63	12.60
April 14, 2014	11:17	7.86		9.76	11.13
May 8, 2014	10:23	7.44		14.22	6.35
May 15, 2014	10:40	7.33		13.28	8.23
May 22, 2014	10:45	7.10		18.49	3.98
June 2, 2014	10:22	7.60		17.53	6.10
June 10, 2014	10:26	7.23		19.40	5.11
June 16, 2014	10:33	7.22		19.29	5.19
June 23, 2014	10:41	7.39		23.14	4.48
July 1, 2014	10:27	7.48		23.48	5.31
July 8, 2014	10:42	7.40		25.05	4.05
July 14, 2014	10:20	7.52		21.77	6.38
July 21, 2014	10:23	7.54		24.48	3.90
July 31, 2014	10:50	7.46		22.94	5.34
August 6, 2014	10:10	7.40		25.28	4.23
August 13, 2014	10:45	7.44		22.30	5.67
August 18, 2014	10:40	7.38		22.09	3.91
August 25, 2014	10:40	7.48		21.44	5.57
September 3, 2014	10:37	7.57		25.25	2.97
September 11, 2014	10:45	—	NAPEFAI/EQF	23.04	5.15
September 17, 2014	10:30	7.29		21.23	4.44
October 1, 2014	10:22	7.19		20.52	5.29
October 6, 2014	10:12	7.38		18.74	6.62
November 19, 2014	11:00	7.35		7.06	9.44
December 3, 2014	10:30	7.30		6.96	10.46

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	97.1	14.0	—	26
	75.7	13.0	—	34
[redacted]				
	81.6	12.9	—	26
	85.1	13.3	—	28
	93.5	12.1	—	30
	78.9	17.3	—	39
	74.9	16.6	—	18
	60.7	16.7	—	15
	72.2	—	—	16
	71.7	—	—	23
	62.3	—	—	25
	—	—	—	18
	53.7	—	—	40
	40.4	—	—	14
	49.4	15.97	—	22
	54.9	15.24	—	18
	52.4	17.95	—	46
	43.9	9.62	—	16
	93.4	17.26	—	31
	68.7	14.42	—	14
	83.4	16.78	—	26
	40.8	4.68	—	26
	56.3	14.32	—	20
	60.9	11.5	—	15
	76.3	14.4	—	20
	75.3	16.11	—	28
	76.8	13.37	—	23
	116.5	8.5	—	54
[redacted]				
	—	13.24	—	19
	85.2	10.7	—	42
	96.3	13.6	—	20
	—	5.5	—	14
	61.6	8.39	—	14
	97.8	—	—	33
	78.6	13.69	—	10
	48.0	16.02	—	29
	65.0	17.63	—	22
	57.1	17.32	—	14
	65.3	22.06	—	17
	51.3	18.18	—	16
	57.8	21.76	—	27
	50.6	16.43	—	40
	74.6	18.88	—	27
	—	—	—	42

36.4	17.06	—	35
52.0	19.72	—	27
—	—	—	18
58.9	20.83	—	22
64.5	24.17	—	46
80.6	22.82	—	25
77.1	24.79	—	22
97.4	7.53	—	30
98.7	7.82	—	70
[redacted]			
120.1	18.27	—	35
92.8	18.43	—	28
96.9	19.19	—	18
91.0	16.54	—	24
79.3	17.00	—	16
85.4	14.67	—	46
78.1	12.19	—	44
79.7	18.85	—	27
81.9	17.65	—	38
67.8	17.06	—	38
63.8	10.57	—	23
79.8	13.53	—	52
57.1	10.27	—	19
80.1	17.98	—	54
35.5	11.33	—	22
71.8	18.20	—	45
73.2	17.68	—	68
53.7	16.29	—	30
47.4	15.68	—	22
72.4	23.56	—	44
52.5	20.33	—	45
61.6	14.67	—	34
58.2	20.32	—	46
62.9	18.89	—	16
63.7	19.99	—	35
58.5	17.73	—	16
64.8	15.11	—	34
76.0	7.97	—	38
81.4	17.95	—	14
[redacted]			
84.6	16.90	—	32
85.9	16.09	—	60
80.3	25.33	—	63
91.4	17.22	—	40
110.3	15.10	—	20
85.3	8.63	—	24
92.5	14.58	—	44
47.1	15.41	—	45
83.3	20.46	—	24

	87.5		23.54	—	60	
	45.8		18.91	—	20	
	67.4		21.53	—	43	
	72.3		22.21	—	48	
	84.4		21.92	—	26	
	84.0		20.01	—	24	
	97.8		15.86	—	28	
	85.0		13.18	—	30	
	—		—	—	30	
	103.0		15.59	—	36	
	77.5		15.97	—	40	
	71.2		10.97	—	30	
	78.2		13.44	—	34	
	62.2		14.79	—	38	
	55.9		17.21	—	46	
	58.2		16.97	—	18	
	66.4		19.62	—	16	
	55.5		19.96	—	52	
	68.3		22.65	—	30	
	51.1		20.80	—	36	
	51.4		18.63	—	32	
	63.8		20.97	—	30	
	50.3		16.76	—	18	
	66.0		15.08	—	47	
	76.1		17.21	—	20	
	47.2		17.24	—	14	
	42.2		17.24	—	16	
	63.9		17.88	—	20	
	76.0		18.16	—	22	
	94.3		18.43	—	26	J-QC/FFB
	92.8		19.10	—	60	
	111.8		21.41	—	17	J-QC/FFD/RPO
	101.0		14.68	—	16	
NAPEFAI/EQF	—	NAPEFAI/EQF	11.63	—	23	
NAPEFAI/EQF	—	NAPEFAI/EQF	11.44	—	35	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	18.17	—	44	
NAPEFAI/EQF	—	NAPEFAI/EQF	12.57	—	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	15.09	—	21	
	60.6		11.01	—	38	
	71.3		18.00	—	30	J-QC/FLD/RPO
	64.5		15.60	—	24	
	64.0		15.47	—	44	
	50.7		11.36	—	37	
	59.1		15.31	—	32	
NAPEFAI/EQF	—	NAPEFAI/EQF	13.67	—	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	15.81	—	25	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	13.51	—	13	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.51	—	30	J-QC/FFD/RPO

NAPEFAI/EQF	—	NAPEFAI/EQF	15.02		—	19	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	19.24		—	24	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	23.02		—	14	
	86.3		19.70		—	57	
[redacted]							
	99.5		3.43		—	NA 28	
	127.2		16.22		—	NA 44	
	79.9		13.60		—	NA 54	
	93.1		12.33		—	NA 26	J-QC/FLD/RPO
	75.1		13.42		—	NA 30	J-QC/FLD/RPO
	83.2		12.82		—	NA 30	
	63.5		15.62		—	NA 46	J-QC/FFB/FFDRPO
	66.1		16.86		—	NA 48	J-QC/FFB
	70.7		18.71		—	NA 106	
	62.8		14.33		—	NA 36	J-QC/FFD/RPO
	82.3		19.32		—	NA 53	J-QC/FFD/RPO
	82.1		22.78		—	NA 54	
	56.1		15.26		—	NA 34	
	110.6		20.46		—	NA 58	
	45.7		17.82		—	NA 54	
	66.4		22.59		—	NA 63	
	47.3		19.20		—	NA 123	J-QC/FFD/FLDRPO
	63.7		20.64		—	NA 42	
	55.6		—	NAPEFAI/EQF	—	NA 58	
	83.6		20.19		—	NA 45	
	82.1		22.61		—	NA 54	
	77.9		16.09		—	NA 26	
	95.2		19.52		—	NA 17	
	100.8		12.74		—	NA 42	
[redacted]							
	92.8		17.27		—	NA 30	
	122.9		14.85		—	NA 14	
	112.7		10.23		—	NA 30	
	88.2		12.89		—	NA 13	
	81.8		10.69		—	NA 44	J-QC/FFD/RPO
	84.0		10.27		—	NA 15	J-QC/FFD/FLDRPO
	75.1		14.11		—	NA 40	
	49.1		4.23		—	NA 22	
	88.1		15.09		—	NA 80	
	63.2		14.56		—	NA 37	
	64.7		13.96		—	NA 60	
	58.1		13.45		—	NA 50	
	72.9		16.59		—	NA 58	
	57.3		21.40		—	NA 44	
	49.3		15.51		—	NA 25	
	52.3		13.57		—	NA 60	
	67.1		4.85		—	NA 16	
	57.2		14.03		—	NA 54	
	75.8		10.43		—	NA 39	
	82.1		16.43		—	NA 49	

	92.7		11.27	—	NA	48	
	89.6		17.08	—	NA	61	
	88.0		16.53	—	NA	52	
	94.3		15.59	—	NA	32	J-QC/FLD/RPO
	79.0		18.47	—	NA	58	
	86.7		14.02	—	NA	40	J-QC/FLD/RPO
	75.0		17.16	—	NA	90	
	72.1		14.67	—	NA	28	
	95.9		17.46	—	NA	30	
	52.7		13.10	—	NA	28	
	46.4		17.75	—	NA	46	
	39.5		13.09	—	NA	18	
	50.4		16.69	—	NA	45	
	31.9		14.10	—	NA	42	
	73.5		19.10	—	NA	26	
	64.4		18.32	—	NA	50	
	58.2		18.59	—	NA	38	J-QC/FLD/RPO
	67.7		20.09	—	NA	53	
	71.2		18.26	—	NA	75	J-QC/FLD/RPO
	59.5		22.36	—	NA	34	J-QC/FLD/RPO
	76.1		20.82	—	NA	72	J-QC/FLD/RPO
	51.9		20.35	—	NA	50	
	72.7		24.90	—	NA	64	J-QC/FLD/RPO
	70.2		20.93	—	NA	48	
	93.8		24.35	—	NA	33	J-QC/FLD/RPO
	85.1		21.48	—	NA	42	
	83.4		20.05	—	NA	48	
	101.6		12.91	—	NA	50	
	98.3		17.95	—	NA	48	J-QC/FFD/FLDRPO
	115.1		20.99	—	NA	—	NA
	90.7		13.28	—	NA	38	J-QC/FLD/RPO
	94.9		14.58	—	NA	33	
	86.6		16.99	—	NA	—	NA
	78.7		17.79	—	NA	16	
	61.6		15.58	—	NA	32	
	67.7		18.40	—	NA	50	J-QC/FLD/RPO
	57.1		9.61	—	NA	25	J-QC
	66.2		8.62	—	NA	47	
	46.4		4.76	—	NA	22	
	76.2		15.36	—	NA	48	
	69.1		15.82	—	NA	53	J-QC/FFD/RPO
	47.8		14.02	—	NA	13	
	72.4		24.47	—	NA	46	J-QC/FFD/FLDRPO
	52.1		14.75	—	NA	59	
	63.3		18.68	—	NA	48	J-QC
	62.4		19.17	—	NA	64	J-QC
	59.5		18.21	—	NA	42	J-QC/FLD/RPO
	77.5		20.82	—	NA	69	J-QC/FFD/RPO

	61.8		21.19	—	NA	51	
	57.0		17.92	—	NA	22	
	70.4		23.99	—	NA	54	J-QC/FLD/RPO
	63.5		18.16	—	NA	47	
	82.4		26.06	—	NA	52	
	110.5		25.63	—	NA	40	
	94.6		15.46	—	NA	41	J-QC/FFB
	87.3		17.15	—	NA	40	J-QC
	104.1		16.95	—	NA	32	J-QC/FFD/RPO
	107.5		12.79	—	NA	38	
	64.6		6.83	—	NA	20	
	87.7		17.65	—	NA	44	
	44.4		7.71	—	NA	41	
	70.4		13.14	—	NA	38	
	59.9		12.79	—	NA	26	
	61.4		14.66	—	NA	50	J-QC/FFB/FLDRPO
	56.1		12.69	—	NA	32	J-QC/FFD/FLDRPO
	68.6		17.40	—	NA	28	J-QC/FLD/RPO
	52.6		12.28	—	NA	34	
	82.3		21.80	—	NA	66	
	49.9		11.69	—	NA	30	
	69.7		19.43	—	NA	40	
	56.4		15.98	—	NA	42	J-QC/FFB
	75.3		24.49	—	NA	60	
	49.4		17.48	—	NA	30	
	73.1		25.42	—	NA	31	
	38.9		15.38	—	NA	22	J-QC/FLD/RPO
	68.9		23.86	—	NA	48	J-QC/FLD/RPO
	55.6		18.33	—	NA	56	
	66.2		20.40	—	NA	37	
	82.3		25.32	—	NA	49	
	88.0		17.64	—	NA	34	J-QC
	96.1		17.96	—	NA	55	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.24	<2	<0.09	0.051
1.52	<2	0.47	0.046
[redacted]			
2.16	2	0.76	0.065
1.84	—	<0.19	0.046
0.66	2	<0.19	0.042
0.42	2	<0.19	0.047
1.00	2	0.24	0.122
1.26	3	0.24	0.154
0.75	2	<0.19	0.108
1.14	<2	0.31	0.160
1.75	<2	0.22	0.136
2.72	6	<0.19	0.196
2.36	6	<0.19	0.107
4.68	6	0.88	0.148
0.64	6	<0.19	0.102
2.37	5	<0.19	0.181
4.26	4	<0.19	0.075
2.63	2	<0.19	0.172
2.46	3	0.34	0.072
1.32	3	<0.19	0.126
1.45	<2	<0.19	0.101
1.98	3	0.79	0.149
0.84	3	6.73	0.150
1.67	<2	<0.19	0.164
1.25	4	<0.19	0.117
1.15	3	<0.19	0.127
1.55	<2	0.40	0.131
1.51	4	<0.19	0.061
[redacted]			
1.48	<2	<0.19	0.034
2.30	4	0.40	0.069
2.02	<2	0.90	0.046
0.59	4	<0.19	0.021
—	<2	0.73	0.123
1.08	<2	<0.19	0.073
1.80	4	<0.19	0.150
2.00	<2	0.60	0.859
1.26	<2	<0.27	0.125
1.56	3	<0.27	0.259
1.13	<2	<0.27	0.074
1.48	<2	<0.27	0.075
1.28	<2	<0.27	0.099
1.60	3	<0.27	0.118
1.43	<2	<0.27	0.076
1.16	<2	<0.27	0.077

1.72	<2	<0.27	0.145
1.41	<2	<0.27	0.161
1.40	—	<0.27	0.179
1.07	<2	<0.27	0.189
1.08	<2	<0.27	0.128
1.17	<2	<0.27	0.170
1.13	<2	<0.27	0.150
1.13	<2	0.52	0.064
1.26	<2	<0.27	0.050
[redacted]			
0.95	<2	<0.27	0.024
1.33	<2	<0.27	0.034
1.00	<2	<0.27	0.048
1.76	3	0.73	0.093
1.19	3	<0.295	0.108
1.91	6	<0.295	0.100
2.89	6	<0.295	0.147
1.17	—	<0.295	0.098
0.78	—	<0.295	0.072
1.49	<2	<0.295	0.086
2.00	<2	<0.295	0.210
1.09	5	<0.295	0.092
1.19	<2	<0.295	0.138
0.89	<2	<0.295	0.043
1.81	—	<0.295	0.173
1.13	5	<0.295	0.080
1.56	8	<0.295	0.067
1.91	<2	<0.295	0.092
2.14	—	0.41	0.140
1.59	3	<0.295	0.065
1.98	—	<0.295	0.101
1.41	—	<0.295	0.150
0.94	—	0.55	0.120
1.27	—	<0.295	0.096
1.09	—	<0.295	0.195
1.44	<2	<0.295	0.195
1.53	<2	<0.295	0.241
1.65	<2	<0.295	0.196
0.40	<2	<0.295	0.049
[redacted]			
1.37	<2	<0.295	0.077
0.90	<2	<0.295	0.035
1.09	<2	<0.295	0.031
1.20	<2	0.426	0.038
0.66	<2	0.069	0.026
1.79	—	0.703	0.052
0.93	—	0.421	0.064
0.44	<2	0.505	0.142
<0.30	<2	0.437	0.105

0.99		<2		0.302		0.121
1.47		<2		—		0.248
0.41		—		0.488		0.150
<0.30		<2		0.433		0.106
<0.30		<2		0.210		0.125
<0.30		<2		0.202		0.102
[redacted]						
1.03		<2		0.469		0.044
1.99		<2		1.14		0.070
2.10		<2		0.511		0.039
0.59		<2		0.425		0.023
0.80		<2		0.476		0.064
1.67		<2		0.698		0.142
0.62		<2		0.392		0.061
0.61		<2		0.047		0.087
0.34		<2		0.478		0.162
<0.30		<2		0.288		0.133
0.78		<2		0.338		0.176
1.21		<2		0.888		0.093
0.41		<2		0.249		0.067
0.57		<2		0.347		0.087
1.86		<2		0.560		0.156
<0.30		<2		0.298		0.076
1.45		<2		0.379		0.170
0.34		<2		0.050		0.146
0.94		<2		<0.017		0.095
1.56		<2		0.479		0.179
0.57		<2		0.580		0.164
<0.30		<2		0.200		0.185
<0.30		<2		0.221		0.073
[redacted]						
0.71	BJ-QC/FBK/FFBFLS	<2	K	0.616	J-QC/FSL/FMS	0.038
0.52	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.861	J-QC/FMS	0.040
0.50	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.530	J-QC/FFB	0.036
1.60	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.668		0.052
2.35	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.986		0.155
1.71	BJ-QC/FBK/FFBFLS	<2	K	2.11		0.224
0.33	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.454		0.095
1.82	B/FBK	<2	K	0.767	J-QC/FFB	0.223
<1.00	KJ-QC/FFD/RPO	<2	K	0.548		0.120
1.16	J-QC/FLS	<2	KJ-QC/FLS	0.026	J-R	0.068
0.91	BJ-QC/FBK/FLS	<2	K	0.209		0.046
1.04	BJ-QC/FBK/FLS	<2	K	0.509		0.078
0.98		<2	KJ-QC/FLS	0.249		0.073
1.64	BJ-QC/FBK/FFB	<2	K	0.051		0.159
0.80	J-QC/FFD/RPOFLS	<2	K	0.178		0.118
1.53	BJ-QC/FBK/FFB	<2	K	0.264		0.095
1.14	BJ-QC/FBK/FFBFLS	<2	K	0.178		0.065
1.79	BJ-QC/FBK/FFBFLS	<2	K	0.076		0.149
1.05	BJ-QC/FBK/FFBFLDRPO	<2	K	0.051	J-QC/FSL	0.063

2.59	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFD/RPOFLS	0.534		0.156
0.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.018	K	0.085
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FLS	<0.018	K	0.074
1.01	BJ-QC/FBK/FFBFLS	<2	K	0.193		0.075
[redacted]						
1.64	BJ-QC/FBK/FFBFLS	<2	K	0.394		0.0216
0.64	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.186		0.0202
1.91	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.192	J-QC/FSL	0.0765
2.04	BJ-QC/FBK/FFBFFDRPO	<2	K	0.790		0.1178
1.53	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.267		0.1242
1.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.548		0.147
0.79	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.548		0.135
0.82	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.392		0.131
0.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.317		0.0823
2.15	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.423		0.0892
0.53	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.221		0.0631
0.71	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.221		0.0419
0.77	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.448		0.1269
0.50	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.382		0.0695
0.99	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.514		0.1170
0.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.073		0.0698
1.10	BJ-QC/FBK/FFB	<2	K	0.506		0.1323
0.58	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.430		0.0756
0.54	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.414		0.1021
0.68	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.335		0.0988
0.68	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.283		0.0850
1.55	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.487		0.1054
0.68	BJ-QC/FBK/FFBFLSEHT	<2	K	0.257		0.0619
0.76	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.075		0.0460
[redacted]						
2.06	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0175	K	0.0817
2.65	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	1.941		0.0789
1.56	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.769		0.0426
2.51	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.822		0.0584
1.98	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.348		0.0290
2.00	BJ-QC/FBK/FFB	<2	K	0.626		0.0698
1.57	BJ-QC/FBK/FFBFLS	<2	K	0.457		0.0582
2.07	BJ-QC/FBK/FFB	<2	K	0.670		0.1522
1.00	BJ-QC/FBK/FFB	<2	K	0.223		0.0423
1.20	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.386		0.0763
0.94	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.533		0.0711
1.82	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0293	K	0.0832
1.04	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.283	J-QC/FFD/RPO	0.0775
0.36	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.381	J-QC/FFB	0.0447
1.52	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.604		0.1233
1.52	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.533		0.0763
1.80	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.294		0.0706
1.14	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.303		0.0671
1.99	BJ-QC/FBK/FFBFLS	<2	K	0.324		0.0918
1.64	BJ-QC/FBK/FFBFFDRPO	<2	K	0.309		0.0459

2.09	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.291		0.0587
[redacted]						
1.51	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.344		0.0364
1.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.354	J-QC/FSL	0.0474
2.89	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	4		1.360		0.0781
0.90	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.936		0.1256
2.99	BJ-QC/FBK/FFBFFDRPO	<2	K	1.025		0.1659
3.07	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.199	J-QC/FMS	0.0913
2.09	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.596	J-QC/FMS	0.1497
0.84	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.397		0.0691
1.42	BJ-QC/FBK/FFBFLS	<2	K	0.612	J-QC/FMS	0.1972
0.69	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.272		0.0885
1.30	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.251	J-QC/FMS	0.1795
<0.30	KBJ-QC/FBK/FFB	<2	K	0.194	J-QC/FMS	0.0632
0.78	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.309	J-QC/FSL/FMS	0.0826
0.67	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.153	J-QC/FSL/FMS	0.0558
0.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.354		0.0625
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.301		0.0827
0.67	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.412	J-QC/FSL	0.0951
1.25	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.269		0.1012
0.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.290		0.0622
0.65	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.290		0.1619
0.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.433		0.2465
0.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.158		0.1812
0.46	BJ-QC/FBK/FFBFLS	<2	K	0.449	J-QC/FSL/FMS	0.1549
0.59	BJ-QC/FBK/FFB	4	J-QC/FLS	0.469	J-QC/FMS	0.0979
—	NA	<2	KJ-QC/FLS	0.632	J-QC/FMS	0.1115
—	NA	<2	KJ-HT/EHT	0.499	J-QC/FMS	0.1104
[redacted]						
—	NA	<2	KJ-QC/FMS	0.894	J-QC/FMS	0.1114
—	NA	<2	KJ-QC/FMS	0.599	J-QC/FMS	0.0362
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QCJ-HT/FMS/EHT	1.398		0.0876
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.782	J-QC/FMS	0.0624
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.647		0.0754
1.72	BJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	0.778		0.1414
1.83	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.409		0.0874
2.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.539	J-QC/FSL/FMS	0.1850
1.89	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.613	J-QC/FMS	0.0995
2.51	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.692	J-QC/FMS	0.1706
1.37	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.278	J-QC/LLS/FMS	0.0388
1.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.096	J-R/LLS	0.0390
1.97	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	2.200	J-QC/FFD/RPO	0.1539
0.57	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.223	J/LLS	0.0449
1.37	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.139	J-RJ-QC/LLS/FSL	0.1303
0.72	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.193	J/LLS	0.0640
1.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.121	J-RJ-QC/LLS	0.0560
0.89	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.229	J/LLS	0.0712
1.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.271	J/LLS	0.0666

0.34	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	KJ-QC/FFD/RPO	0.0594
1.68	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.494		0.1098
0.72	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.422		0.0675
1.48	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.536		0.1280
0.79	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.319	J/LLS	0.0641
0.72	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.424		0.0649
[redacted]						
1.94	BJ-QC/FBK/FFBFMS	<2	K	0.604		0.0465
2.97	BJ-QCJ-HT/FBK/FFBFMS	<2	K	1.646	J-QC/FFB	0.0667
3.28	BJ-QC/FBK/FFB	<2	KJ-HT	0.438		0.0568
1.50	BJ-QC/FBK/FFB	<2	K	0.397	J-QC/LLS/FFB	0.0261
2.36	BJ-QC/FBK/FFB	<2	K	0.301	J-QC/LLS	0.0697
1.24	BJ-QC/FBK/FFB	<2	K	0.358	J-QC/LLS/FFB	0.0339
3.07	BJ-QC/FBK/FFBFMS	<2	K	0.920	J-QC/FFB	0.1920
1.12	BJ-QC/FBK/FFBFLDRPO	<2	K	0.477	J-QC/FSL	0.1102
1.87	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	0.324	J-QC/LLS/FFB	0.1241
0.95	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.386	J-QC/LLS/FFB	0.0691
1.59	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.424	J-QC/FFB	0.1332
1.71	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0659
1.86	BJ-QC/FBK/FFB	<2	K	0.530		0.1274
0.42	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.078	J/LLS	0.0607
1.68	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.340	J/LLS	0.1097
0.79	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0494
1.26	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	KJ-QC/FMS	0.0826
0.44	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0446
1.64	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.201	J/LLS	0.0720
0.55	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.117	J-QC/LLS/FFDRPC	0.0533
1.04	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	0.050	RJ-QC/LLS/FFDRF	0.1185
0.72	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.033	J-R/LLS	0.0523
1.58	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.209	J-QC/LLS/FFBFSL	0.1309
1.11	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	K	1.222		0.1354
0.68	BJ-QCJ-HT/FBK/FFB	<2	KJ-QCJ-HT	0.362	LS/FFBFLDRPOF	0.0954
1.44	BJ-QC/FBK/FFBFMS	3		1.254	J-QC	0.1585
1.58	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.763		0.1172
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	0.86	0.212	0.19	–
	0.83	0.259	0.14	–
[redacted]				
	1.27	0.165	0.15	–
	0.95	0.168	0.18	–
	0.77	0.142	0.18	–
	0.71	0.146	0.10	–
	1.99	0.163	0.19	–
	0.91	0.309	0.32	–
	0.69	0.315	0.30	–
	0.88	0.479	0.47	–
	0.92	0.373	0.38	–
	0.90	0.489	0.48	–
	0.83	0.286	0.34	–
	0.91	0.649	0.56	–
	1.13	0.299	0.24	–
	0.65	0.293	0.27	–
	0.72	0.285	0.30	–
	1.17	0.456	0.48	–
	0.60	0.240	0.24	–
	1.18	0.392	0.38	–
	0.92	0.244	0.28	–
	0.90	0.475	0.47	–
	0.85	0.324	0.21	–
	1.28	0.270	0.17	–
	1.01	0.198	0.17	–
	1.46	0.256	0.27	–
	1.23	0.276	0.29	–
	1.01	0.502	0.12	–
[redacted]				
	0.85	0.124	0.15	–
	1.43	0.265	0.29	–
	0.98	0.147	0.12	–
	0.45	0.107	0.14	–
	1.21	0.267	0.25	–
	0.85	0.171	0.20	–
	1.07	0.185	0.19	–
	1.11	0.298	0.31	–
	0.96	0.210	0.23	–
	1.66	0.284	0.32	–
	0.85	0.289	0.17	–
	0.82	0.366	0.46	–
	0.83	0.358	0.40	–
	0.62	0.472	0.53	–
	1.10	0.405	0.40	–
	0.58	0.448	0.50	–

0.60	0.623	0.59	—
0.70	0.464	0.55	—
0.78	0.445	0.39	—
0.91	0.366	0.42	—
1.01	0.382	0.43	—
0.89	0.341	0.34	—
0.90	0.315	0.33	—
0.87	0.225	0.33	—
0.44	0.170	0.19	—
0.60	0.145	0.26	—
1.01	0.134	0.14	—
0.70	0.100	0.14	—
1.28	0.137	0.49	—
1.06	0.184	0.17	—
0.86	0.172	0.27	—
1.40	0.215	0.29	—
0.92	0.223	—	—
0.74	0.212	—	—
0.56	0.230	0.26	—
0.88	0.453	0.42	—
1.01	0.306	0.41	—
0.88	0.459	0.48	—
0.44	0.204	0.26	—
0.87	0.493	—	—
0.59	0.302	0.33	—
0.61	0.178	0.31	—
0.34	0.447	0.49	—
0.57	0.424	0.38	—
2.33	0.238	0.25	—
1.37	0.344	0.38	—
0.73	0.374	—	—
0.80	0.273	—	—
0.60	0.105	—	—
0.83	0.229	—	—
0.83	0.335	0.37	—
1.09	0.307	0.29	—
0.97	0.269	0.38	—
1.51	0.165	0.24	—
0.872	0.169	0.18	—
0.694	0.203	0.22	—
0.773	0.151	0.16	—
0.725	0.180	0.16	—
0.682	0.096	0.06	—
0.648	0.207	0.12	—
0.820	0.302	0.13	—
0.556	0.332	0.30	—
0.484	0.245	0.22	—

	0.889		0.221		—	—
	1.09		0.31		0.26	—
	0.979		0.23		0.23	—
	1.06		0.27		0.21	—
	1.25		0.21		0.18	—
	0.949		0.21		0.16	—
[redacted]						
	1.17		0.15		0.11	—
	1.25		0.17		0.16	—
	1.02		0.10		0.09	—
	0.588		0.07		0.08	—
	0.817		0.28		0.13	—
	1.58		0.17		0.21	—
	0.924		0.22		0.11	—
	0.858		0.34		0.20	—
	1.11		0.29		0.24	—
	0.781		0.22		0.22	—
	0.785		0.28		0.28	—
	0.784		0.32		0.28	—
	0.342		0.25		0.22	—
	0.650		0.30		0.28	—
	0.840		0.57		0.54	—
	2.39		0.26		0.27	—
	0.664		0.49		0.39	—
	0.547		0.29		0.27	—
	0.752		0.26		0.26	—
	0.802		0.33		0.29	—
	1.41		0.23		0.23	—
	1.24		0.22		0.21	—
	0.807		0.14		0.14	—
[redacted]						
	0.927		0.13	J-QC/FFB	0.10	—
	0.867	J-QC/FLS	<0.05	K	0.11	—
	0.641		0.08		0.08	—
	0.877		0.26	J-QC/FFB	0.11	—
	1.39		0.25		0.22	—
J-QC/FFB	1.22		0.26		0.25	—
	1.17		0.20		0.15	—
	1.39		0.37		0.30	—
	0.972		0.18		0.19	—
	0.793		0.18		0.17	J-QC/FFB —
J-QCJ-HT/FFB/EHT	0.428		0.17		0.16	—
	0.911	J-QC/FFB	0.29		0.26	—
	0.869		0.29		0.23	—
J-QC/FFB	0.717		0.39		0.31	—
	0.748		0.24		0.21	—
	0.750		0.37		0.34	—
	1.03		0.30	J-QC/FFD/RPO	0.25	—
J-QC/FFB	0.752		—	NAP	0.42	J-QC/FFB —
J-QC/FFB	0.660		0.23		0.22	—

	0.894		0.31	J-QC/FFB	0.32		—	
	0.759		0.23	J-QC/FFB	0.19		—	
J-QC/FFB	0.743		0.16		0.15		—	
	0.743		0.16		0.15		—	
[redacted]								
	0.615		0.13		0.13		—	NA
J-QC/FFB	0.571		0.10		0.08		—	NA
	1.07		0.23		0.23		—	NA
	0.834		0.19		0.17		—	NA
	0.774	J-QC/FFB	0.21		0.21		—	NA
	1.20		0.20		0.20		—	NA
	0.938		0.21		0.18		—	NA
	0.830		0.24		0.22		—	NA
J-QC/FFB	0.619		0.23		0.21		—	NA
	0.964		0.36		0.33		—	NA
	0.604		0.20		0.19		—	NA
	0.578		0.26		0.18		—	NA
J-QC/FFB	0.525		0.50		0.41		—	NA
	0.381		0.30		0.26		—	NA
	0.646		0.42		0.42		—	NA
J-QC/FFB	0.430		0.28		0.27		—	NA
J-QC/FFB	0.709		0.41		0.39		—	NA
	0.591	J-QC/FFD/RPO	0.26		0.22		—	NA
J-QC/FFB	0.927		0.29		0.27		—	NA
	0.947		0.27		0.24		—	NA
J-QC/FFB	0.720		0.21		0.18	J-QC/FLS	—	NA
	0.672		0.32	J-QC/FFD/RPO	0.24		—	NA
J-QC/FFB	0.945		0.17		0.13		—	NA
	0.991		0.17	J-QC/FFB	0.11		—	NA
[redacted]								
	1.4000	J-QC/FLS	0.23		0.12		—	NA
J-QC/FFB	1.0300		0.23	J-QC/FFB/FLS	0.10		—	NA
	2.3619		0.10	J-QC/FFD/RPO	0.09		—	NA
	1.0324		0.13		0.11		—	NA
	0.4746		0.15		0.15		—	NA
J-QC/FFB	0.6584		0.17		0.12	J-QC/FFB/FFDRPO	—	NA
	0.7310		0.14		0.15		—	NA
J-QC/FFD/RPO	1.2932	J-QC/FFB/FLS	0.27		0.22		—	NA
	0.4263		0.13	J-QC/FFD/RPO	0.12		—	NA
	0.6727	J-QC/FLS	0.23	J-QC/FFD/RPO	0.19		—	NA
J-QC/FFB	0.8132		0.23	J-QC/FFD/RPOFLS	0.17		—	NA
J-QC/FFB	1.3874	J-QC/FLS	0.22		0.18	J-QC/FFB	—	NA
J-QC/FFB	0.6613	J-QC/FLS	0.30		0.29		—	NA
J-QC/FFB	0.3529		0.20	J-QC/FFB	0.20		—	NA
J-QC/FFB	0.8358	J-QC/FFB	0.37		0.43	J-QC/FFB	—	NA
J-QC/FFB	0.6549		0.27	J-QC/FLS	0.22		—	NA
	0.5199	J-QC/FLS	0.08	J-QC/FLS	0.13		—	NA
J-QC/FFB	0.7677		0.12	J-QC/FFB/FLDRPO	0.11		—	NA
J-QC/FFB	1.2285		0.18	J-QC/FFB/FLS	0.13		—	NA
J-QC/FFB	0.6685		0.11	J-QC/FLS	0.10		—	NA

J-QC/FFB	1.1636		0.15		0.10		—	NA
[redacted]								
J-QC/FFB	0.7761		0.10	J-QC/FFD/RPO	0.10	J-QC/FFD/RPO	—	NA
J-QC/FFB	1.1223	J-QC/FFB	0.09		0.10		—	NA
J-QC/FFB	1.2754	J-QC/FLS	0.12		0.08		—	NA
J-QC/FFB	1.6315		0.16		0.13		—	NA
J-QC/FFB	2.0562	J-QC/FFB	0.20		0.16		—	NA
J-QC/FFB	0.8487	J-QC/FFB	0.15		0.13		—	NA
J-QC/FFB	1.5322	J-QC/FLS	0.15		0.13		—	NA
J-QC/FFB	1.1054	J-QC/FFD/RPO	0.12		0.11		—	NA
	1.0679		0.28		0.18		—	NA
J-QC/FFB	0.8412		0.26	J-QC/FFB	0.14		—	NA
J-QC/FFB	1.0116		0.19		0.18	J-QC/FFB	—	NA
J-QC/FFB	0.9082		0.16		0.15		—	NA
	0.9388	J-QC/FLS	0.24		0.24		—	NA
J-QC/FFB	2.3770		0.22		0.21		—	NA
	0.7511		0.23		0.26		—	NA
J-HT/EHT	0.9415	J-QC/FLS	0.29		0.25		—	NA
	0.8841	J-QC/FFB	0.24	J-QC/FLS	0.22	J-QC/FLS	—	NA
	0.8645		0.25	J-QC/FFD/RPO	0.24		—	NA
	0.5892	J-QC/FLS	0.19		0.19		—	NA
	0.7893		0.25		0.20		—	NA
	1.0745		0.22		0.21		—	NA
	0.6538		0.18		0.17		—	NA
J-QC/FFB	1.1622	J-QC/FFB	0.28	J-QC/FLS	0.19		—	NA
	0.6539	J-HT/EHT	0.18		0.18		—	NA
J-QC/FFB	1.0304		0.19		0.17		—	NA
J-QC/FFB	1.1530		0.14		0.14		—	NA
[redacted]								
J-QC/FFB	1.4968	[redacted]	0.16	J-QC	0.13	J-QC/FFD/RPO	—	NA
J-QC/FFB	0.6499		0.12	[redacted]	0.13	[redacted]	—	NA
NA	—	NA	—	NA	—	NA	—	NA
J-HT/EHT	1.4446	J-QC/FFB	0.16	[redacted]	0.13	[redacted]	—	NA
J-QCJ-HT/FFB/EHT	1.3853	J-QC/FFB	0.11		0.08	J-QC/FLD/RPO	—	NA
NA	—	NA	—	NA	—	NA	—	NA
J-QC/FFB	0.6838	[redacted]	0.14	[redacted]	0.13	J-QC/FSL	—	NA
[redacted]	1.1732	J-QC/FFB	0.23		0.20	J-QC	—	NA
J-QC/FFB	0.9588	J-QC/FLS	0.21		0.15	J-QC/FFB	—	NA
J-QC/FFB	0.8733	J-QC/FFB	0.26		0.23	J-QC/FLD/RPO	—	NA
[redacted]	0.4717	[redacted]	0.22		0.20	J-QC/FLD/RPO	—	NA
J-QC/FFB	0.7510		0.36		0.32	J-QC	—	NA
J-QC/FFB	0.4492	CJ-HT/FFD/RPOE	0.14	J-QC/FLD/RPO	0.14	[redacted]	—	NA
J-QC/FFB	0.4634	[redacted]	0.20	[redacted]	0.13	J-QC/FMS	—	NA
J-QC/FFB	0.6848	[redacted]	0.31	J-QC/FSL	0.30	J-QC	—	NA
[redacted]	0.3854	J-QC/FLS	0.15	[redacted]	0.15	[redacted]	—	NA
	0.9932	J-QC/FFB	0.28	J-QC/FFB/FSL	0.28		—	NA
	0.6695	J-QC/FFB	0.19		0.19		—	NA
J-QC/FFB	0.7976	J-QC	0.21		0.20		—	NA
J-QC/FFB	0.8027	[redacted]	0.23		0.21		—	NA
J-QC/FFB	0.7927		0.21		0.21		—	NA

J-QC/FFB	0.6876	[redacted]	0.18	[redacted]	0.18	[redacted]	—	NA
J-QC/FFB	0.7896	[redacted]	0.26	J-QC	0.25	J-QC/FFD/RPO	—	NA
[redacted]	0.6804	[redacted]	0.18	[redacted]	0.18	J-QC	—	NA
[redacted]	1.0441	J-QC/FLS	0.25	[redacted]	0.20	J-QC/FFB	—	NA
J-QC/FFB	0.4917	J-QCJ-HT/EHT	0.16	J-QC/FMS	0.14	[redacted]	—	NA
[redacted]	0.8827	J-QC/FLS	0.19	[redacted]	0.16	[redacted]	—	NA
[redacted]								
	1.0642	J-QC/FFB/FLS	0.15		0.13		—	NA
J-QC/FFB	1.0770		0.12		0.10		—	NA
J-QC/FFB	1.0244		0.11		0.09		—	NA
	0.6896	J-HT	0.10	J-QC	0.08	J-QC	—	NA
J-QC/FFB	0.9735	J-QC/FLS	0.26	J-QC/FFB/FMS	0.23		—	NA
J-QC/FFB	0.4242		0.13	J-QC/FFB/FMS	0.11	J-QC/FFB	—	NA
	1.0795	J-QC/FLS	0.30	J-QC	0.27	J-QC/FFB	—	NA
J-QC/FFB	0.8248		0.19		0.15		—	NA
J-QCJ-HT/FFB	0.8068		0.25		0.18		—	NA
J-QC/FFB	0.7617		0.17		0.15		—	NA
J-QC/FFB	1.0220		0.23		0.23		—	NA
J-QC/FFB	0.5406		0.18		0.17		—	NA
J-QC/FFB	0.8674		0.35	J-QC/FMS	0.32	J-QC/FMS	—	NA
	0.4753		0.17	J-QC/FFB	0.15		—	NA
J-QC/FFB	0.8281		0.33		0.32		—	NA
	0.5238		0.21		0.20		—	NA
	0.5564		0.31		0.30		—	NA
	0.4767		0.18		0.16		—	NA
J-QC/FFB	0.6794	J-HT	0.31		0.28		—	NA
	0.5578		0.18	J-QC/FMS	0.16		—	NA
	0.7284		0.36		0.35		—	NA
	0.4759		0.20	J-QC/FFB	0.18	J-QC	—	NA
J-QC/FFB	0.7617	J-HT	0.33	J-QC/FFB	0.30	J-QC	—	NA
J-QCJ-HT/FFB	0.9204		0.33		0.29		—	NA
J-QC/FFB	0.6799	J-HT	0.24		0.20		—	NA
J-QC/FFB	1.6185	J-QC/FLS	0.32		0.26		—	NA
J-QC/FFB	1.2050		0.22	J-QC/FMS	0.18		—	NA
[redacted]								

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
2.0	0.00	0.00
6.2	0.00	0.11
[redacted]		
5.6	0.45	0.45
4.4	0.00	0.00
12.0	0.00	0.00
3.0	0.00	0.24
2.9	0.00	0.00
2.5	0.00	0.10
3.0	0.31	0.31
1.9	0.00	0.00
1.9	0.00	0.18
5.2	0.57	0.57
11.3	0.00	0.00
5.1	0.85	0.85
3.2	0.02	0.02
12.9	0.00	0.00
8.0	0.00	0.45
7.0	0.00	0.00
5.0	0.10	0.10
6.5	0.03	0.03
17.4	0.00	0.00
11.5	0.00	0.00
1.0	0.00	0.00
9.7	0.00	0.00
5.4	0.78	0.78
4.9	0.00	0.00
5.8	0.00	0.66
5.0	0.00	0.00
[redacted]		
1.1	0.01	0.01
1.5	0.00	0.10
1.5	0.01	0.14
1.3	0.00	0.00
2.8	0.00	0.09
0.7	0.00	0.00
2.7	0.00	0.00
2.4	0.00	0.00
—	0.00	0.40
2.7	0.00	0.00
2.7	0.83	0.83
3.7	0.00	0.00
5.0	0.00	0.00
5.7	0.00	0.07
4.4	0.00	0.00
4.6	0.00	0.01

5.0	0.00	0.08	[redacted]
3.8	0.00	0.00	
4.0	0.00	0.00	
3.5	0.01	0.01	
3.4	0.00	0.00	
3.1	0.05	0.05	
1.8	0.00	0.00	
3.4	0.00	0.03	
7.1	0.00	0.00	
[redacted]			
5.4	0.01	0.14	
5.7	0.00	0.00	
5.3	0.00	0.00	
6.3	0.00	0.00	
5.4	0.00	0.00	
6.0	0.00	0.01	
8.2	0.00	0.00	
—	0.00	0.00	
—	0.54	0.93	
2.5	0.00	0.00	
3.9	0.00	0.00	
3.0	0.25	1.44	
3.7	0.33	2.38	
2.6	0.00	0.00	
—	0.36	0.36	
5.8	0.00	0.00	
6.2	0.15	0.15	
7.1	0.00	0.00	
8.5	0.00	0.02	
10.3	0.00	0.00	
6.0	0.62	1.01	
—	0.35	0.35	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
4.4	0.00	0.41	
3.8	0.00	0.00	
3.6	0.00	0.00	
2.2	0.00	0.00	
[redacted]			
2.2	0.00	0.00	
1.3	0.00	0.00	
1.0	0.02	0.14	
2.7	0.25	0.25	
1.7	0.17	0.27	
3.1	0.00	0.00	
2.3	0.00	0.00	
3.6	0.03	0.32	
2.4	0.00	0.00	

2.9		0.05	0.05
7.1		0.00	0.00
5.9		0.00	0.00
5.8		0.00	0.00
7.1		0.00	0.22
4.1		0.08	0.57
[redacted]			
3.5		0.00	0.00
3.4		0.08	0.08
4.8		0.00	0.00
4.2		0.00	0.00
3.9		0.00	0.00
4.6		0.00	0.00
4.0		0.15	0.20
5.1		0.00	0.00
5.9		0.00	0.01
5.6		0.04	0.21
9.1		0.01	0.83
9.2		0.00	0.00
4.9		0.00	0.00
5.4		0.00	0.00
4.8		0.00	1.17
4.0		0.00	0.00
5.1		0.00	0.00
3.7		0.00	0.00
3.5		0.00	0.00
4.1		0.00	0.00
3.0		0.00	0.17
4.2		0.15	0.38
3.7		0.12	1.05
[redacted]			
4.8		0.00	0.00
5.3		0.00	0.00
4.4	J-QC/FFB	0.00	0.15
5.2		0.00	0.00
6.6	J-QC/FFD/RPO	0.54	1.15
7.3		0.00	0.00
5.0		0.00	0.00
8.5		0.00	0.00
4.7		0.00	0.00
—	NAPEFAI/EQF	0.00	0.66
4.8		0.00	0.20
6.1		0.00	0.00
4.9		0.15	1.69
6.2		0.00	1.70
6.3	J-QC/FFB	0.41	0.42
6.3	J-QC/FFB	0.00	0.00
5.3	J-QC/FFB	0.01	0.11
6.6	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB	0.00	0.00

5.9	J-QC/FFB	0.00	0.00
4.7	J-QC/FFB/FFDRPO	0.00	0.00
3.7		0.00	0.00
3.6	J-QC/FFB	0.00	0.00
[redacted]			
13.00	J-QC/FFB/OUT	0.00	0.01
4.30		0.00	0.00
5.09		0.03	2.06
5.26		0.00	0.00
4.90		0.01	1.44
5.20	J-QC/FFB	0.00	0.00
5.06	J-QC/FFB	0.00	0.00
5.25	J-QC/FFB	1.11	1.11
4.10	J-QC/FFB	0.00	0.00
5.83	J-QC/FFB	0.00	0.00
4.20		0.00	0.00
3.40	J-QC/FFB	0.00	0.17
5.40	J-QC/FFB	0.05	0.05
3.60	J-QC/FFB	0.00	0.28
4.60	J-QC/FFB	0.00	0.04
4.40	BJ-QC/FBK/FFB	0.00	0.00
5.20	J-QC/FFB	1.24	1.41
3.70	J-QC/FFB	0.34	1.06
4.00	B/FBK	0.00	0.00
4.40	BJ-QC/FBK/FFB	0.00	0.00
3.60	BJ-QC/FBK/FFB	1.05	1.05
3.20		0.00	0.00
8.70	J-QC/FFB	0.00	0.00
4.70		0.00	0.00
[redacted]			
5.1		0.00	0.02
6.4	J-QC/FFB	0.00	0.00
5.4	J-QC/FFB	0.17	2.58
4.6	J-QC/FFB	0.64	1.31
4.5	B/FBK	0.00	0.00
4.9	BJ-QC/FBK/FFB	0.00	0.00
4.0	J-QC/FFB	0.01	2.40
5.1		0.00	0.00
2.8	J-QC/FFB	0.00	0.00
3.2	J-QC/FFB	0.04	0.05
3.4	J-QC/FFB/FFDRPO	0.00	0.00
4.7	J-QC/FFB	0.00	0.00
5.4	J-QC/FFB	0.39	0.39
3.5	J-QC/FFB	0.28	0.29
5.4	J-QC/FFB	0.00	0.12
6.4	J-QC/FFB	0.07	0.07
4.9	J-QC/FFB	0.00	0.00
4.7	J-QC/FFB	0.00	0.00
4.3		0.04	1.03
4.0		0.00	0.00

4.6		0.13	0.16
[redacted]			
3.5		0.00	0.00
4.1	J-QC/FFB	0.00	0.00
4.7	BJ-QC/FBK/FFB	0.00	0.00
2.8	J-QC/FFB	0.00	0.00
3.4	J-QC/FFB	0.62	0.62
3.1	J-QC/FFB	0.27	0.30
3.7	J-QC/FFB	0.73	0.76
2.4		0.20	2.14
3.5	J-QC/FFB	0.00	0.02
3.3	J-QC/FFB	0.09	0.67
4.7	J-QC/FFB	0.93	2.05
2.8	BJ-QC/FBK/FFB	0.00	0.00
4.0		0.00	0.95
15.1	J-QC/FFB/OUT	0.00	0.26
5.5	J-QC/FFB/FLS	0.04	0.09
4.3	J-QC/FFB/FFDRPO	0.00	0.00
—	NAPEFAI/EQF	0.00	0.00
3.5	J-QC/FFB/FFDRPO	0.00	0.00
2.7	J-QC/FFB	0.00	0.00
2.9	J-QC/FFB	0.11	0.70
2.7	J-QC/FFD/RPO	0.00	0.06
2.0	J-QC/FFB/FFDFLDRPO	0.00	0.00
3.3		0.00	0.00
3.0		0.35	0.35
4.4	BJ-QC/FBK/FFB	0.46	0.46
3.1	BJ-QC/FBK/FFB	0.03	0.03
[redacted]			
6.35	BJ-QC/FBK/FFB	0.00	0.00
3.13	J-QC/FFB	0.72	0.72
—	NA	0.00	1.33
4.39	BJ-QC/FBK/FFB	0.00	0.00
3.4	J-QC/FFD/RPO	0.00	0.00
—	NA	0.01	0.01
3.9		0.08	1.54
3.7	J-QC/FFD/RPO	0.00	0.00
2.9	J-QC/FFD/RPO	0.35	0.88
21.0		0.00	0.55
4.2	J-QC/FFB/FSL	0.00	0.04
7.3		0.14	0.27
4.6		0.11	0.11
3.8	J-QC/FFB	0.00	0.00
4.8	J-QC/FMS	0.00	0.00
4.0	J-QC/FLD/RPO	0.19	0.19
5.5	J-QC	0.02	0.52
5.6		0.00	0.00
4.2	J-QC	0.40	0.40
4.4	J-QC/FFB	0.00	0.00
2.8	J-QC	0.03	0.03

3.5	J-QC/FSL	0.00	0.00
4.5	J-QC/FLD/RPOFMS	0.52	0.52
3.2	J-QC/FMS	0.00	0.00
3.6	QC/FBK/FFBFLDRPOFSLF	0.00	0.00
1.4	J-QC/FFB/FFDRPO	0.40	0.40
—	NAPQNS	0.19	0.19
[redacted]			
3.4	J-QC/FMS	0.35	0.35
2.4	J-QC/FMS	0.00	1.44
3.2	J-QC/FMS	0.00	0.00
3.7	J-QC	0.00	0.00
4.3		0.52	0.52
3.6		0.03	0.03
7.1		0.40	0.40
7.4		0.00	0.00
5.0	J-QC/FMS	0.00	2.46
4.6		0.00	0.00
5.4		0.00	0.00
2.3	J-QC/FMS	0.00	0.00
1.6	J-QC/FMS	0.49	0.49
1.6		0.75	0.84
2.2	J-QC/FMS	0.00	0.00
2.2		0.00	0.00
5.9	J-QC	0.00	0.00
1.6	B/FBK	0.55	0.64
5.1		0.00	0.00
2.1	B/FBK	0.00	0.00
4.4		0.00	0.00
2.0		0.00	0.00
3.0	J-QC/FLD/RPO	0.00	0.73
5.0		0.00	0.00
1.6		0.00	0.00
4.2		0.00	0.00
3.6		0.08	0.16
[redacted]			

[redacted]

[redacted]

Station #16 Upper Hackensack 1	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 10, 2003	12:10	6.30	5.1	11.29
December 16, 2003	12:45	7.20	3.3	12.16
2004				
March 31, 2004	11:20	7.90	9.5	8.26
April 7, 2004	10:00	7.55	7.4	9.48
April 20, 2004	10:05	7.46	13.9	7.90
May 4, 2004	10:00	6.31	14.2	7.49
May 18, 2004	10:50	7.25	19.5	6.60
May 25, 2004	10:40	7.19	21.6	6.03
June 22, 2004	09:55	7.49	22.6	6.66
June 28, 2004	10:45	7.14	—	5.86
July 6, 2004	10:25	7.27	24.0	6.88
July 13, 2004	11:55	7.36	25.3	1.60
July 20, 2004	11:57	7.49	24.0	4.66
July 27, 2004	10:15	7.13	22.4	3.73
August 3, 2004	11:15	7.19	25.13	4.01
August 10, 2004	10:20	7.37	25.43	4.88
August 17, 2004	10:39	7.01	23.08	4.19
August 24, 2004	10:36	—	25.90	3.69
August 31, 2004	10:35	7.33	24.76	7.53
September 7, 2004	10:05	7.33	25.28	5.58
September 14, 2004	10:27	—	23.17	4.72
September 21, 2004	10:09	6.74	21.67	3.98
October 7, 2004	10:35	7.39	20.06	5.13
October 21, 2004	10:35	—	15.4	5.94
November 4, 2004	10:40	7.00	13.3	7.48
November 18, 2004	10:40	7.58	9.88	8.36
December 2, 2004	10:22	7.34	8.59	9.63
December 16, 2004	11:13	—	5.6	13.89
2005				
February 23, 2005	10:35	—	3.26	—
March 9, 2005	10:43	—	3.6	10.05
March 21, 2005	10:17	—	4.7	12.27
April 12, 2005	13:19	6.73	12.3	—
May 3, 2005	12:08	7.38	15.35	6.66
May 10, 2005	10:16	7.45	12.76	9.58
May 18, 2005	12:49	7.50	18.84	7.67
June 2, 2005	12:50	7.26	19.79	4.66
June 7, 2005	10:09	7.20	19.94	5.89
June 13, 2005	11:02	7.31	25.07	5.75
July 5, 2005	10:28	7.33	24.20	5.20
July 12, 2005	10:04	7.21	25.30	4.54
July 20, 2005	11:00	7.23	26.20	4.30
July 26, 2005	10:38	7.31	27.20	4.42
August 2, 2005	10:48	—	27.05	5.24
August 10, 2005	—	—	—	—

August 16, 2005	10:41	7.21	28.51	3.01
August 24, 2005	10:00	—	25.73	4.22
August 30, 2005	—	—	—	—
September 14, 2005	10:28	7.33	25.60	4.93
September 21, 2005	10:37	7.37	24.00	5.48
September 29, 2005	10:15	7.37	22.30	6.59
October 5, 2005	10:54	7.40	21.21	5.82
October 19, 2005	10:22	7.99	15.65	9.15
December 20, 2005	10:48	7.70	2.52	13.84
2006				
January 30, 2006	10:30	7.68	5.08	13.10
February 14, 2006	11:21	7.59	3.73	11.09
March 16, 2006	10:40	6.60	7.81	11.59
March 27, 2006	11:02	7.84	7.48	9.95
April 10, 2006	10:32	7.65	9.69	8.53
April 26, 2006	10:26	7.40	13.18	8.69
May 4, 2006	10:32	7.17	15.10	7.79
May 10, 2006	10:22	7.50	14.60	7.24
May 16, 2006	12:03	7.29	15.56	7.48
June 14, 2006	11:01	7.35	19.01	6.21
June 20, 2006	10:42	7.13	24.52	5.68
June 29, 2006	10:59	7.23	24.16	7.56
July 6, 2006	10:16	7.13	24.88	5.32
July 10, 2006	10:27	7.28	22.33	7.24
July 18, 2006	10:11	7.01	27.78	2.98
July 27, 2006	10:20	7.14	25.16	6.03
August 3, 2006	09:59	7.39	29.85	6.00
August 7, 2006	11:35	7.40	26.09	5.06
August 16, 2006	10:43	7.25	25.99	4.03
August 23, 2006	09:58	7.39	24.53	5.69
August 28, 2006	10:13	7.26	23.66	4.28
September 5, 2006	10:20	7.20	21.62	4.92
September 12, 2006	11:18	7.42	21.25	5.05
September 21, 2006	10:49	7.46	20.75	5.56
September 28, 2006	10:40	7.40	19.99	5.78
October 2, 2006	10:49	7.29	19.34	5.26
October 16, 2006	10:39	7.39	17.31	5.89
October 30, 2006	11:35	7.62	10.82	9.44
November 16, 2006	10:49	7.89	14.48	5.13
December 11, 2006	11:46	7.56	6.79	9.65
2007				
January 11, 2007	11:08	7.74	6.46	10.65
January 22, 2007	10:16	7.54	4.81	10.15
February 21, 2007	11:01	7.69	1.40	9.58
March 5, 2007	11:01	7.77	3.35	9.67
March 19, 2007	11:51	7.68	3.87	10.81
April 2, 2007	10:26	7.64	7.64	12.27
April 30, 2007	11:55	7.23	12.73	9.18
May 16, 2007	10:09	7.44	16.71	9.90

Boat engine failure - 5/18/07

August 20, 2007	10:47	7.24		24.42	4.14
August 29, 2007	11:12	7.37		23.17	6.48
September 10, 2007	10:10	7.42		24.26	6.75
October 4, 2007	10:55	7.09		23.09	3.90
October 15, 2007	10:45	7.35		18.97	5.82
October 29, 2007	10:55	7.33		16.30	6.52
November 14, 2007	11:13	—		11.41	8.16
December 10, 2007	11:14	—		6.35	9.33
2008					
January 7, 2008	11:05	—		4.46	11.26
February 4, 2008	10:55	7.44		4.83	10.47
March 10, 2008	10:57	7.58		5.14	—
April 7, 2008	10:47	7.72		7.76	11.19
May 8, 2008	12:09	7.40		14.93	7.26
May 15, 2008	10:23	7.31		14.70	6.93
May 22, 2008	11:12	7.45		14.06	7.57
June 2, 2008	11:22	7.41		17.72	6.45
June 9, 2008	10:56	7.28		20.41	5.28
June 16, 2008	10:59	7.23		22.98	4.74
June 23, 2008	11:09	7.32		22.78	5.25
July 7, 2008	11:33	7.25		23.24	4.44
July 22, 2008	11:19	7.34		25.11	5.17
August 4, 2008	10:13	7.16		24.84	3.99
August 12, 2008	10:53	7.18		25.64	3.97
August 18, 2008	10:17	7.26		23.92	5.15
August 25, 2008	10:43	7.19		26.43	3.82
September 8, 2008	10:58	7.32		25.53	4.83
September 15, 2008	10:36	7.06		23.12	5.83
September 22, 2008	10:49	6.54		22.58	4.31
October 6, 2008	10:32	—		19.11	4.15
November 6, 2008	10:28	—		13.76	6.24
December 1, 2008	11:02	7.21		7.43	8.12
2009					
January 27, 2009	10:42	7.55		1.80	10.98
February 25, 2009	11:38	7.34		2.74	11.05
March 10, 2009	10:38	7.39		4.19	13.21
April 8, 2009	10:42	7.49		8.24	11.18
May 4, 2009	11:25	7.14		15.62	—
May 19, 2009	10:06	7.08		15.61	—
May 27, 2009	10:35	7.15		16.81	—
June 1, 2009	11:01	7.11		19.36	—
June 8, 2009	12:05	7.23		18.36	—
June 22, 2009	10:52	7.26		19.97	5.54
July 13, 2009	12:03	7.22		21.99	6.27
July 20, 2009	11:21	—	NAPEFAI/EQF	23.42	5.66
July 27, 2009	12:16	—	NAPEFAI/EQF	24.09	5.84
August 3, 2009	10:42	—	NAPEFAI/EQF	25.38	4.16
August 10, 2009	11:13	—	NAPEFAI/EQF	23.71	4.79
August 17, 2009	10:35	—	NAPEFAI/EQF	26.43	—
August 24, 2009	11:19	—	NAPEFAI/EQF	26.20	—

August 31, 2009		11:06	—	NAPEFAI/EQF	24.60		—
September 9, 2009		10:38	—	NAPEFAI/EQF	22.58		—
September 14, 2009		10:35	—	NAPEFAI/EQF	21.25		—
September 21, 2009		10:29	—	NAPEFAI/EQF	—		—
October 6, 2009		11:26	—	NAPEFAI/EQF	18.03		—
November 23, 2009		11:43	7.59		11.27		8.96
2010							
March 17, 2010		10:17	7.24		6.33		11.98
April 15, 2010	A	10:17	7.49		12.64		12.31
April 15, 2010	B	10:17	—	NA	—	NA	—
May 4, 2010	A	11:22	7.27		19.95		7.66
May 4, 2010	B	11:22	—	NA	—	NA	—
May 10, 2010	A	11:02	7.46		14.38		8.82
May 10, 2010	B	11:02	—	NA	—	NA	—
May 19, 2010		10:56	7.33		15.27		7.70
May 24, 2010	A	10:36	7.19		17.08		8.39
May 24, 2010	B	10:36	—	NA	—	NA	—
June 3, 2010		10:37	7.38		22.72		5.95
June 9, 2010	A	10:47	7.40		22.62		5.31
June 9, 2010	B	10:47	—	NA	—	NA	—
June 15, 2010		10:33	7.38		21.25		5.34
June 21, 2010	A	11:00	7.26		24.22		4.93
June 21, 2010	B	11:00	—	NA	—	NA	—
June 29, 2010		10:13	7.56		25.29		6.42
July 12, 2010	A	10:27	7.57		25.05		5.87
July 12, 2010	B	10:27	—	NA	—	NA	—
July 19, 2010		10:36	7.22		29.23		3.68
July 26, 2010	A	10:45	7.40		26.91		9.08
July 26, 2010	B	10:45	—	NA	—	NA	—
August 2, 2010		10:14	7.33		26.52		4.09
August 9, 2010	A	10:50	7.41		24.85		5.26
August 9, 2010	B	10:50	—	NA	—	NA	—
August 16, 2010		10:33	7.33		25.35		4.91
August 23, 2010	A	10:27	7.40		24.73		5.05
August 23, 2010	B	10:27	—	NA	—	NA	—
August 30, 2010		10:45	7.35		23.90		4.85
September 20, 2010	A	10:33	7.41		20.86		6.25
September 20, 2010	B	10:33	—	NA	—	NA	—
September 27, 2010		10:29	7.53		20.64		6.82
October 7, 2010	A	10:33	7.44		17.95		6.55
October 7, 2010	B	10:33	—	NA	—	NA	—
November 22, 2010	A	10:33	7.59		10.48		9.31
November 22, 2010	B	10:33	—	NA	—	NA	—
December 7, 2010	A	10:30	7.52		6.27		11.09
December 7, 2010	B	10:30	—	NA	—	NA	—
2011							
January 3, 2011	A	11:35	7.64		2.85		13.23
January 3, 2011	B	11:35	—	NA	—	NA	—
February 14, 2011	A	10:18	7.77		2.95		15.46
February 14, 2011	B	10:18	—	NA	—	NA	—

March 7, 2011	A	10:51	7.42		7.03		16.65
March 7, 2011	B	10:51	—	NA	—	NA	—
April 13, 2011	A	10:27	7.32		9.87		11.72
April 13, 2011	B	10:27	—	NA	—	NA	—
May 2, 2011	A	10:51	7.24		14.37		7.98
May 2, 2011	B	10:51	—	NA	—	NA	—
May 9, 2011		11:23	6.96		15.60		8.11
May 19, 2011	A	11:03	7.26		16.73		7.25
May 19, 2011	B	11:03	—	NA	—	NA	—
May 26, 2011		10:34	7.10		20.59		4.95
June 6, 2011	A	11:53	7.48		19.89		7.97
June 6, 2011	B	11:53	—	NA	—	NA	—
June 13, 2011	A	10:40	7.22		21.97		5.65
June 13, 2011	B	10:40	—	NA	—	NA	—
June 20, 2011	A	11:03	7.08		22.56		5.25
June 20, 2011	B	11:03	—	NA	—	NA	—
June 29, 2011	A	10:36	7.34		23.42		5.35
June 29, 2011	B	10:36	—	NA	—	NA	—
July 25, 2011	A	10:34	7.42		28.46		5.41
July 25, 2011	B	10:34	—	NA	—	NA	—
August 1, 2011	A	10:35	7.45		25.51		4.30
August 1, 2011	B	10:35	—	NA	—	NA	—
August 8, 2011	A	11:13	7.23		28.25		4.18
August 8, 2011	B	11:13	—	NA	—	NA	—
August 18, 2011		10:45	7.28		23.89		4.75
September 13, 2011		11:14	7.26		22.09		7.16
September 26, 2011		10:34	7.35		20.39		5.03
October 20, 2011		11:01	7.57		16.84		8.06
November 15, 2011		10:32	7.64		11.73		8.57
December 21, 2011		10:39	7.54		7.16		10.47
2012							
January 9, 2012		11:15	7.72		6.26		10.03
February 6, 2012		11:03	7.60		5.58		10.03
March 5, 2012		10:51	7.64		6.18		10.58
April 16, 2012		11:13	7.48		13.38		7.62
May 1, 2012		10:45	7.41		13.46		8.51
May 9, 2012		10:44	7.31		14.83		6.93
May 15, 2012		10:25	7.33		17.90		6.53
May 22, 2012		10:25	7.42		18.50		8.22
May 31, 2012		10:30	7.29		23.86		4.88
June 7, 2012	A	10:27	—	NAPEFAI/EQF	20.20		4.12
June 7, 2012	B	10:27	—	NA	—	NA	—
June 13, 2012		10:14	—	NAPEFAI/EQF	22.08		3.50
June 18, 2012		10:22	—	NAPEFAI/EQF	21.46		3.74
June 26, 2012		10:35	—	NAPEFAI/EQF	24.21		3.71
July 16, 2012		10:18	7.52		26.56		5.69
July 23, 2012	A	10:13	7.37		25.09		6.58
July 23, 2012	B	10:13	—	NA	—	NA	—
July 30, 2012		10:00	7.34		25.52		4.59
August 8, 2012		11:11	7.40		27.41		5.23

August 13, 2012		10:49	7.38		28.17		5.06
August 20, 2012		10:50	7.36		24.26		4.58
September 5, 2012		10:26	7.39		24.92		6.77
September 10, 2012		10:48	7.33		26.13		3.97
September 17, 2012		10:27	7.53		22.41		5.64
September 26, 2012		10:03	7.38		20.41		5.77
October 15, 2012		10:06	7.49		16.64		7.94
November 26, 2012		09:35	7.57		7.85		8.97
December 3, 2012		09:16	7.54		7.48		9.25
2013							
January 7, 2013		10:17	3.87		7.42		12.43
February 7, 2013		08:17	7.64		2.80		11.72
February 27, 2013	A	09:28	7.68		4.10		13.02
February 27, 2013	B	09:28	—	NA	—	NA	—
March 5, 2013		08:57	7.53		5.16		11.36
April 1, 2013		09:40	7.67		7.63		11.42
April 22, 2013	A	09:43	7.69		11.99		8.33
April 22, 2013	B	09:43	—	NA	—	NA	—
May 9, 2013	A	10:47	7.40		15.26		7.23
May 9, 2013	B	10:47	—	NA	—	NA	—
May 16, 2013		10:29	7.35		16.11		6.13
May 23, 2013		10:23	7.38		16.65		6.10
June 3, 2013		10:23	7.32		22.00		5.24
June 11, 2013		10:36	7.41		20.24		6.24
June 17, 2013		10:43	7.46		21.69		4.78
June 24, 2013	A	11:04	7.44		21.50		6.10
June 24, 2013	B	11:04	—	NA	—	NA	—
July 8, 2013		11:00	7.51		25.87		5.97
July 15, 2013		10:31	7.43		26.35		4.33
July 22, 2013		10:34	7.65		25.05		8.17
July 29, 2013		11:05	7.50		25.04		4.79
August 5, 2013	A	11:11	7.55		22.97		5.03
August 5, 2013	B	11:11	—	NA	—	NA	—
August 12, 2013		11:02	7.65		23.40		5.19
August 19, 2013		11:50	7.44		22.60		4.79
August 26, 2013	A	11:18	7.52		22.82		6.42
August 26, 2013	B	11:18	—	NA	—	NA	—
September 5, 2013		10:49	7.50		23.27		5.17
September 12, 2013		10:48	7.43		23.67		5.73
September 18, 2013		10:33	7.49		19.63		5.59
September 26, 2013		10:08	7.33		19.09		5.72
October 7, 2013		10:55	7.54		19.62		6.63
November 18, 2013	A	11:04	7.86		9.90		10.70
November 18, 2013	B	11:04	—	NA	—	NA	—
2014							
January 14, 2014		10:54	7.19		2.16		11.37
February 6, 2014	A	11:00	7.03		0.62		11.46
February 6, 2014	B	11:00	—	NA	—	NA	—
March 11, 2014		10:50	7.44		2.54		12.88
April 14, 2014	A	11:33	7.65		9.45		10.93

April 14, 2014	B	11:33	—	NA	—	NA	—
May 8, 2014		10:35	7.33		13.74		7.14
May 15, 2014		10:31	7.39		14.64		8.17
May 22, 2014		11:00	7.14		17.96		4.83
June 2, 2014		10:41	7.39		17.36		7.30
June 10, 2014		10:41	7.20		19.03		5.30
June 16, 2014		10:46	7.20		19.67		5.36
June 23, 2014		11:00	7.29		22.40		5.29
July 1, 2014		10:44	7.49		22.99		5.99
July 8, 2014		10:59	7.42		24.76		4.82
July 14, 2014		10:34	7.51		21.21		6.51
July 21, 2014		10:33	6.35		24.10		4.19
July 31, 2014		11:03	7.47		22.52		5.84
August 6, 2014		10:25	4.52		24.70		4.33
August 13, 2014		10:36	7.43		22.22		5.88
August 18, 2014		10:33	7.33		22.33		4.24
August 25, 2014		10:42	7.48		21.53		5.95
September 3, 2014		10:28	7.59		25.18		3.51
September 11, 2014		10:37	—	NAPEFAI/EQF	23.01		5.71
September 17, 2014		10:44	7.37		21.48		4.54
October 1, 2014		10:35	7.34		20.15		5.74
October 6, 2014	A	10:25	7.46		18.79		6.59
October 6, 2014	B	10:25	—	NA	—	NA	—
November 19, 2014		11:13	7.44		7.61		9.55
December 3, 2014		10:44	7.35		7.22		10.22

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	100.3	14.4	3	20
	93.1	3.0	2	8
[redacted]				
	79.1	13.6	4	12
	87.2	14.1	3	22
	90.7	8.2	4	14
	80.4	13.3	3	31
	77.4	12.0	4	14
	73.5	12.5	3.5	10
	86.9	—	4	12
	69.6	—	2.5	16
	80.7	—	4	20
	—	—	3	12
	54.9	—	4	30
	44.7	—	2	17
	52.8	14.40	—	13
	64.4	13.41	4	15
	53.6	16.06	4	32
	48.2	10.53	3	14
	100.8	17.02	3	22
	72.9	14.24	4	17
	60.1	15.84	3	14
	47.2	6.84	3	10
	60.1	10.39	4	11
	64.2	12.9	3	16
	79.6	17.4	5	10
	81.2	15.22	3	15
	84.9	4.29	1.5	14
	117.6	8.6	2	18
[redacted]				
	—	14.04	4	14
	79.9	7.8	1	37
	—	15.4	5	12
	—	4.6	4	9
	70.6	10.20	2	8
	98.6	—	3	24
	89.7	14.33	3.5	18
	56.5	17.64	2.5	24
	72.1	17.58	4	18
	76.1	15.08	3	16
	70.4	22.43	3	22
	60.7	16.65	3.5	40
	60.7	23.62	2	24
	61.8	18.84	2.5	16
	73.4	20.29	2	27
	—	—	—	17

43.1	19.07	2	36
58.3	20.57	2	26
—	—	—	14
68.4	22.35	2	20
75.0	24.55	1.5	25
86.6	23.78	—	22
75.8	24.87	3	16
94.7	5.08	2	12
106.5	6.89	2	35
[redacted]			
114.8	16.57	3	12
91.7	13.00	3	12
103.5	14.48	3	18
93.7	18.55	3	20
83.6	17.80	1	18
91.4	15.88	2	23
84.0	13.23	3	43
80.9	20.83	2	30
82.4	15.38	2	18
73.2	15.45	3	20
73.1	12.80	3	15
93.7	7.40	—	10
68.5	11.46	—	16
90.2	14.11	—	71
40.6	12.86	—	9
80.6	18.14	—	25
86.3	15.76	—	38
69.9	19.83	2	34
54.7	17.46	—	24
78.2	24.03	3	26
56.5	20.13	2	24
61.4	15.98	3	17
64.0	19.82	3	22
67.7	15.97	4	20
70.9	18.81	4	18
63.0	16.96	3	18
68.2	17.45	4	32
86.4	3.97	1	12
51.5	3.82	2	16
85.6	12.27	3	20
[redacted]			
92.5	9.74	3	10
88.4	16.60	2	23
81.3	25.69	2	37
78.4	12.12	3	14
93.7	19.32	3	34
111.2	13.47	5	12
91.2	8.54	4	14
112.9	16.80	—	24

	54.6		17.35	3	28	
	84.4		20.86	5	24	
	92.6		24.13	5	54	
	50.9		19.42	4	22	
	71.5		21.92	4	29	
	75.4		21.11	4	26	
	85.1		20.62	5	21	
	86.8		20.90	4	19	
[redacted]						
	97.5		16.93	3	43	
	89.9		14.35	3	28	
	—		—	2	15	
	104.2		15.93	3	22	
	79.7		16.92	2	22	
	73.4		12.20	3	16	
	79.3		12.42	4	16	
	75.1		17.73	2	29	
	66.6		16.00	3	29	
	61.1		17.87	3	18	
	67.2		18.35	4	10	
	58.7		21.21	4	56	
	71.7		23.52	5	20	
	54.5		21.65	3	18	
	54.1		18.63	4	19	
	68.8		20.89	4	19	
	52.7		18.45	3	14	
	64.5		15.37	4	36	
	75.5		18.32	3	16	
	55.3		17.59	4	10	
	50.3		19.41	5	7	
	68.0		19.91	3	12	
	76.0		17.97	3	22	
[redacted]						
	90.1		19.18	3	18	J-QC/FFB
	93.8		20.13	4	51	
	117.3		21.86	4	17	J-QC/FFD/RPO
	104.7		15.16	4	10	
NAPEFAI/EQF	—	NAPEFAI/EQF	12.91	2	18	
NAPEFAI/EQF	—	NAPEFAI/EQF	14.40	3	34	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	19.25	2	28	
NAPEFAI/EQF	—	NAPEFAI/EQF	13.90	2	17	
NAPEFAI/EQF	—	NAPEFAI/EQF	18.17	4	16	
	64.9		10.73	3	12	
	79.5		17.84	5	28	J-QC/FLD/RPO
	73.8		18.26	3	20	
	75.9		15.57	3	16	
	54.2		12.25	4	27	
	62.4		15.46	4	14	
NAPEFAI/EQF	—	NAPEFAI/EQF	15.90	4	14	
NAPEFAI/EQF	—	NAPEFAI/EQF	15.21	3	15	J-QC/FFD/RPO

NAPEFAI/EQF	—	NAPEFAI/EQF	14.68		4		12	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.58		3		17	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	17.07		3		10	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	19.71		3		22	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	22.73		5		14	
	91.3		17.62		5		35	
[redacted]								
	99.1		3.32		2		22	
	125.1		12.35		4		30	
NA	—	NA	—	NA	—	NA	32	
	86.3		4.70		3		8	
NA	—	NA	—	NA	—	NA	9	
	94.5		15.05		2		26	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	22	J-QC/FLD/RPO
	82.1		11.55		3		48	J-QC/FLD/RPO
	95.1		14.72		2		24	
NA	—	NA	—	NA	—	NA	23	
	74.6		14.55		2		31	J-QC/FFB/FFDRPO
	67.9		18.72		3		44	J-QC/FFB
NA	—	NA	—	NA	—	NA	44	J-QC/FFB
	67.3		19.58		3		38	
	63.5		15.86		3		31	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	17	J-QC/FFD/RPO
	87.5		20.32		5		46	J-QC/FFD/RPO
	80.5		22.51		2		49	
NA	—	NA	—	NA	—	NA	56	
	52.5		16.31		2		42	
	127.5		20.22		3		44	
NA	—	NA	—	NA	—	NA	48	
	56.4		18.16		3		44	
	72.3		23.86		3		63	
NA	—	NA	—	NA	—	NA	59	
	66.1		17.20		3		70	J-QC/FFD/FLDRPO
	68.0		18.87		5		42	
NA	—	NA	—	NA	—	NA	42	
	63.8		—	NAPEFAI/EQF	3		34	
	78.9		21.03		2		44	
NA	—	NA	—	NA	—	NA	43	
	86.7		23.15		5		40	
	76.2		16.30		3		24	
NA	—	NA	—	NA	—	NA	18	
	94.7		20.06		4		12	
NA	—	NA	—	NA	—	NA	14	
	98.6		14.87		3		38	
NA	—	NA	—	NA	—	NA	40	
[redacted]								
	106.5		18.64		3		38	
NA	—	NA	—	NA	—	NA	36	
	127.1		16.60		2		18	
NA	—	NA	—	NA	—	NA	14	

	137.2		5.24		4		28	
NA	—	NA	—	NA	—	NA	30	
	113.2		15.08		4		16	
NA	—	NA	—	NA	—	NA	16	
	83.1		10.45		4		23	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	16	J-QC/FFD/RPO
	85.9		9.17		3		8	J-QC/FFD/FLDRPO
	78.4		8.76		2		16	
NA	—	NA	—	NA	—	NA	16	
	56.9		5.52		3		24	
	95.3		15.30		3		42	
NA	—	NA	—	NA	—	NA	38	
	70.8		16.32		3		58	
NA	—	NA	—	NA	—	NA	57	
	65.7		12.98		4		35	
NA	—	NA	—	NA	—	NA	33	
	68.6		13.95		5		38	
NA	—	NA	—	NA	—	NA	41	
	77.2		18.48		3		62	
NA	—	NA	—	NA	—	NA	60	
	59.2		21.36		—	A	28	
NA	—	NA	—	NA	—	NA	30	
	58.9		16.93		2		26	
NA	—	NA	—	NA	—	NA	24	
	60.4		12.13		4		41	
	82.7		2.23		4		12	
	60.8		14.66		4		36	
	87.0		7.61		2		32	
	85.2		12.20		3		30	
	94.2		12.80		2		48	
	90.8		17.35		2		42	
	90.0		18.25		2		74	
	95.6		17.50		5		38	J-QC/FLD/RPO
	83.0		20.65		3		54	
	90.2		16.37		2		48	J-QC/FLD/RPO
	76.8		18.67		1		58	
	76.1		16.70		2		28	
	96.5		15.62		2		22	
	62.9		14.71		3		20	
	50.1		15.83		4		14	
NA	—	NA	—	NA	—	NA	14	
	43.6		15.07		4		18	
	46.4		15.91		4		48	
	50.1		14.32		2		45	
	79.1		20.03		4		22	
	88.8		19.50		2		28	
NA	—	NA	—	NA	—	NA	27	
	62.7		19.86		2		34	J-QC/FLD/RPO
	73.6		19.63		3		48	

	72.2		19.59		4		50	J-QC/FLD/RPO
	62.1		22.03		3		24	J-QC/FLD/RPO
	92.1		21.43		2		52	J-QC/FLD/RPO
	54.6		19.20		3		50	
	75.0		24.78		4		61	J-QC/FLD/RPO
	72.8		22.14		2		40	
	94.3		24.18		2		26	J-QC/FLD/RPO
	87.5		22.88		2		47	
	88.1		20.52		5		45	
[redacted]								
	104.1		14.47		3		31	
	97.8		17.93		2		49	J-QC/FFD/FLDRPO
	114.7		20.94		—	NAP	—	NA
NA	—	NA	—	NA	—	NA	—	NA
	100.1		14.31		2		16	J-QC/FLD/RPO
	102.8		11.22		3		40	
	86.3		17.48		4		—	NA
NA	—	NA	—	NA	—	NA	—	NA
	80.0		17.58		3		14	
NA	—	NA	—	NA	—	NA	14	
	67.5		13.38		2		12	
	70.5		19.57		2		63	J-QC/FLD/RPO
	63.7		10.98		1		23	J-QC
	72.4		7.48		3		24	
	56.3		5.82		1		19	
	74.7		12.86		2		36	
NA	—	NA	—	NA	—	NA	36	
	79.4		13.48		4		279	-QC/FFD/RPOSUSOU
	58.6		13.68		5		32	
	77.1		25.05		3		48	J-QC/FFD/FLDRPO
	47.8		14.71		4		40	
	65.7		20.13		2		52	J-QC
NA	—	NA	—	NA	—	NA	52	J-QC
	68.0		18.48		2		52	J-QC
	62.5		20.59		3		44	J-QC/FLD/RPO
	85.3		22.90		1		64	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	47	J-QC/FFD/RPO
	68.2		20.78		3		45	
	75.3		18.68		3		17	
	70.7		25.01		1		56	J-QC/FLD/RPO
	69.4		19.49		4		43	
	84.7		26.52		3		53	
	112.2		26.92		3		48	
NA	—	NA	—	NA	—	NA	52	
[redacted]								
	92.4		16.42		2		60	J-QC/FFB
	88.6		15.11		2		34	J-QC
NA	—	NA	—	NA	—	NA	34	J-QC
	107.7		19.56		3		43	J-QC/FFD/RPO
	104.4		15.07		2		31	

NA	—	NA	—	NA	—	NA	30	
	72.5		8.35		2		20	
	87.1		13.81		2		32	
	53.8		9.18		1		25	
	83.3		14.85		2		28	
	63.3		14.06		4		27	
	63.6		14.36		1		37	J-QC/FFB/FLDRPO
	66.5		15.11		4		36	J-QC/FFD/FLDRPO
	77.7		18.52		3		32	J-QC/FLD/RPO
	62.7		13.92		4		26	
	84.6		22.69		2		51	
	53.8		13.42		3		30	
	76.1		20.74		5		34	
	56.4		18.25		3		40	J-QC/FFB
	78.1		25.11		4		41	
	54.3		18.69		6		36	
	78.1		25.11		3		32	
	46.6		16.58		4		34	J-QC/FLD/RPO
	76.3		23.74		4		41	J-QC/FLD/RPO
	57.7		20.07		3		36	
	71.8		21.11		3		42	
	82.2		25.86		3		51	
NA	—	NA	—	NA	—	NA	52	
	90.1		18.98		1		38	J-QC
	95.9		19.18		2		48	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.01	<2	<0.09	0.048
0.92	<2	0.18	0.025
[redacted]			
2.00	2	1.10	0.082
0.53	2	<0.19	0.042
0.86	2	0.63	0.064
0.39	2	0.30	0.053
1.00	2	0.36	0.120
1.30	2	0.24	0.111
0.90	3	<0.19	0.070
1.09	<2	<0.19	0.035
1.83	<2	0.26	—
2.35	5	0.60	0.152
2.64	2	0.20	0.095
4.11	7	0.56	0.171
1.20	11	0.28	0.134
2.88	5	<0.19	0.150
2.98	5	<0.19	0.108
3.07	3	<0.19	0.193
3.10	8	0.40	0.074
1.07	3	<0.19	0.109
1.50	<2	<0.19	0.115
2.04	<2	0.71	0.169
1.27	5	<0.19	0.154
1.43	<2	<0.19	0.156
1.09	<2	1.50	0.112
0.97	<2	<0.19	0.080
1.65	<2	0.20	0.064
0.88	<2	<0.19	0.050
[redacted]			
1.31	<2	<0.19	0.030
3.87	3	2.21	0.081
1.56	6	0.28	0.045
0.52	<2	<0.19	0.025
1.79	—	<0.19	0.101
—	10	<0.19	0.060
1.71	<2	<0.19	0.153
1.83	<2	0.70	0.580
1.20	<2	<0.27	0.121
0.89	8	<0.27	0.128
1.01	<2	<0.27	0.077
1.35	<2	<0.27	0.095
1.16	8	<0.27	0.088
1.78	5	<0.27	0.098
1.48	<2	<0.27	0.069
1.09	6	<0.27	0.071

1.53	<2	<0.27	0.101
0.56	<2	<0.27	0.126
1.21	—	<0.27	0.144
1.08	<2	<0.27	0.137
0.99	<2	<0.27	0.127
1.09	<2	<0.27	0.145
1.00	<2	<0.27	0.150
1.10	<2	<0.27	0.054
1.23	<2	<0.27	0.040
[redacted]			
1.03	4	<0.27	0.026
1.35	4	<0.27	0.036
1.36	<2	<0.27	0.065
1.36	<2	<0.27	0.065
0.98	3	<0.295	0.086
1.94	5	<0.295	0.085
2.61	6	<0.295	0.149
0.60	—	<0.295	0.078
1.07	—	<0.295	0.073
1.63	4	<0.295	0.083
1.05	<2	<0.295	0.191
0.95	7	<0.295	0.310
1.06	4	<0.295	0.103
0.95	<2	<0.295	0.024
<0.30	—	<0.295	0.146
—	3	<0.295	0.062
1.49	6	<0.295	0.088
1.43	3	<0.295	0.059
1.91	—	0.40	0.091
1.53	<2	<0.295	0.019
2.02	—	<0.295	0.079
1.25	7	<0.295	0.133
0.76	—	0.57	0.113
1.24	—	<0.295	0.095
0.99	—	<0.295	0.200
1.36	<2	<0.295	0.200
1.01	<2	0.67	0.171
1.10	—	<0.295	0.083
2.61	<2	<0.295	0.153
0.92	<2	<0.295	0.048
[redacted]			
1.58	<2	<0.295	0.043
0.72	<2	<0.295	0.033
0.94	<2	0.574	0.032
1.59	<2	<0.295	0.043
0.93	<2	0.347	0.039
0.80	<2	0.328	0.031
1.19	—	0.500	0.037
0.67	<2	0.301	0.041

1.29		<2		0.416		0.099
0.40		<2		0.421		0.106
<0.30		<2		0.328		0.112
1.38		<2		0.527		0.251
0.35		—		0.441		0.153
0.51		<2		0.424		0.152
0.67		<2		0.137		0.179
0.99		<2		0.280		0.074
[redacted]						
1.06		<2		0.409		0.040
0.51		<2		0.633		0.045
1.93		<2		0.468		0.033
0.57		<2		0.361		0.022
0.99		<2		0.459		0.057
1.21		<2		0.472		0.104
1.07		<2		0.327		0.059
0.61		<2		0.03	J-R	0.067
1.46		<2		0.388		0.105
0.39		<2		0.587		0.110
0.37		<2		0.266		0.079
1.13		<2		0.366		0.075
0.41		<2		0.320		0.076
0.47		<2		0.442		0.088
1.32		<2		0.474		0.128
1.15		<2		0.226		0.070
0.82		<2		0.257		0.144
0.68		<2		0.307		0.132
1.34		<2		0.354		0.086
1.41		<2		0.407		0.166
1.08		<2		0.455		0.141
0.32		<2		0.398		0.138
<0.30		<2		0.196		0.066
[redacted]						
0.46	BJ-QC/FBK/FFBFLS	<2	K	0.759	J-QC/FSL/FMS	0.042
0.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.678	J-QC/FMS	0.039
1.03	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.545	J-QC/FFB	0.039
1.55	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.569		0.050
2.13	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.788		0.133
1.57	BJ-QC/FBK/FFBFLS	<2	K	0.856		0.165
<0.30	KBJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.418		0.084
1.71	B/FBK	<2	K	0.699	J-QC/FFB	0.195
<1.00	KJ-QC/FFD/RPO	<2	K	0.407		0.107
1.03		<2	KJ-QC/FLS	0.303		0.067
0.80	BJ-QC/FBK/FLS	<2	K	0.234		0.046
0.95	BJ-QC/FBK/FLS	<2	K	0.168		0.055
1.15		<2	KJ-QC/FLS	0.234		0.066
1.50	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.119
0.99	J-QC/FFD/RPOFLS	<2	K	0.183		0.104
1.47	BJ-QC/FBK/FFB	<2	K	0.432		0.075
1.53	BJ-QC/FBK/FFBFLS	<2	K	0.173		0.062

1.82	BJ-QC/FBK/FFBFLS	<2	K	0.326		0.116
0.61	BJ-QC/FBK/FFB	<2	K	0.326	J-QC/FSL	0.052
2.18	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFD/RPOFLS	0.387		0.119
0.47	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.270		0.088
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FLS	0.219		0.079
0.98	BJ-QC/FBK/FFBFLS	<2	K	0.142		0.068
[redacted]						
1.43	BJ-QC/FBK/FFBFLS	<2	K	0.315		0.0195
1.42	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.241		0.0227
1.12	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.226		0.0223
1.73	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.267	J-QC/FSL	0.0375
1.80	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.277	J-QC/FSL	0.0351
0.81	BJ-QC/FBK/FFBFFDRPO	<2	K	0.548		0.0951
1.48	BJ-QC/FBK/FFBFFDRPO	<2	K	0.563		0.0980
1.67	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.246		0.0749
0.91	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.397		0.109
0.74	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.423		0.107
1.39	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.302		0.0790
0.65	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.337		0.108
0.70	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.322		0.107
0.78	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.302		0.0799
1.39	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.337		0.1803
0.66	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.317		0.1752
0.53	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.186		0.0614
0.85	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.307		0.0494
0.74	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.327		0.0478
1.85	BJ-QC/FBK/FFBFLS	8	J-QC/FLS	0.433		0.1082
0.47	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.412		0.0756
0.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.417		0.0754
0.73	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.503		0.0761
0.61	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.294		0.0598
0.54	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.299		0.0602
1.10	BJ-QC/FBK/FFB	<2	K	0.519		0.1056
0.59	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.540		0.0834
0.60	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.519		0.0844
0.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.435		0.0967
0.57	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.236		0.0845
0.58	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.257		0.0868
0.68	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.320		0.0823
1.01	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.430		0.1033
0.39	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.419		0.1089
0.68	BJ-QC/FBK/FFBFLSEHT	<2	K	0.322		0.0574
0.62	BJ-QC/FBK/FFBFLSEHT	<2	K	0.337		0.0579
1.65	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.171		0.0510
1.76	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.186		0.0483
[redacted]						
1.86	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0175	K	0.0613
0.50	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0175	K	0.0628
0.59	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	1.214		0.0613
0.87	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	1.230		0.0603

1.94	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.372		0.0254
1.74	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.382		0.0270
2.31	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.644		0.0448
2.25	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.638		0.0509
1.95	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.348		0.0328
2.00	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.376		0.0291
1.83	BJ-QC/FBK/FFB	<2	K	0.441		0.0460
1.40	BJ-QC/FBK/FFBFLS	<2	K	0.381		0.0603
1.47	BJ-QC/FBK/FFBFLS	<2	K	0.365		0.0607
1.84	BJ-QC/FBK/FFB	<2	K	0.484		0.1271
1.41	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.114		0.0428
1.22	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.098		0.0430
0.38	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.392		0.0561
1.17	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.392		0.0590
2.00	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.463		0.0712
1.28	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.446		0.0700
1.62	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.414		0.0678
1.52	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.403		0.0680
0.96	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.234	J-QC/FFD/RPO	0.0623
0.59	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.327	J-QC/FFD/RPO	0.0618
0.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.392	J-QC/FFB	0.0578
0.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.381	J-QC/FFB	0.0444
1.31	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.572		0.1021
0.87	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.593		0.1012
1.78	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.403		0.0624
1.84	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.283		0.0682
1.09	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.283		0.0610
2.17	BJ-QC/FBK/FFBFLS	<2	K	0.242		0.0381
2.47	BJ-QC/FBK/FFBFFDRPO	<2	K	0.170		0.0434
1.27	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.131		0.0508
[redacted]						
1.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.349		0.0361
1.21	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.216	J-QC/FSL	0.0365
1.10	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	5		0.814		0.0597
1.77	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.450		0.0921
2.04	BJ-QC/FBK/FFBFFDRPO	<2	K	0.758		0.1275
1.43	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.293	J-QC/FMS	0.0800
2.11	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.403	J-QC/FMS	0.1162
1.59	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.371		0.0822
1.63	BJ-QC/FBK/FFBFLS	<2	K	0.492	J-QC/FMS	0.1444
1.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.298		0.0847
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.288		0.0840
1.28	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.277	J-QC/FMS	0.1258
0.57	BJ-QC/FBK/FFB	<2	K	0.115	J-QC/FMS	0.0634
1.39	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.329	J-QC/FSL/FMS	0.0609
0.64	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.216	J-QC/FSL/FMS	0.0502
0.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.370		0.0529
0.50	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.391		0.0543
0.65	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.354		0.0715
0.76	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.306	J-QC/FSL	0.0821

0.69	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.232		0.0907
0.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.275		0.0639
0.46	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.312		0.1503
0.85	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.364		0.1524
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.185		0.1825
0.43	BJ-QC/FBK/FFBFLS	<2	K	0.407	J-QC/FSL/FMS	0.1450
0.55	BJ-QC/FBK/FFB	3	J-QC/FLS	0.464	J-QC/FMS	0.1010
—	NA	<2	KJ-QC/FLS	0.553	J-QC/FMS	0.0849
—	NA	<2	KJ-HT/EHT	0.307	J-QC/FMS	0.0819
[redacted]						
—	NA	<2	KJ-QC/FMS	0.582	J-QC/FMS	0.0914
—	NA	<2	KJ-QC/FMS	0.542	J-QC/FMS	0.0311
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QCJ-HT/FMS/EHT	1.072		0.0700
—	NA	<2	KJ-QC/FMS	0.536	J-QC/FMS	0.0404
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.505		0.0750
—	NA	<2	KJ-QC/FMS	0.539		0.0748
1.66	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.568		0.0783
1.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.341	J/LLS	0.0752
1.90	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.454	J-QC/FSL/FMS	0.1295
1.97	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.431	J-QC/FMS	0.0704
2.94	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.590	J-QC/FMS	0.1562
1.10	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.261	J-QC/LLS/FMS	0.0484
1.57	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.267	J-QC/LLS/FMS	0.0438
1.87	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	K	0.0492
1.68	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.362	J-QC/LLS/FFDRPC	0.0944
0.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.301	J/LLS	0.0433
1.20	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.133	J-RJ-QC/LLS/FSL	0.0807
0.43	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0523
1.22	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0515
1.10	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.193	J-QC/LLS	0.0480
0.46	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.295	J/LLS	0.0539
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.319	J/LLS	0.0585
1.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.295	J/LLS	0.0571
0.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.362	J-QC/LLS/FFDRPC	0.0613
1.14	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.428		0.0796
0.38	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FMS	0.398	J/LLS	0.0627
1.20	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.464		0.1013
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.313	J/LLS	0.0578
0.61	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.413		0.0639
0.70	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.441		0.0612
[redacted]						
1.82	BJ-QC/FBK/FFBFMS	<2	K	0.473		0.0407
2.56	BJ-QCJ-HT/FBK/FFBFMS	<2	K	1.034	J-QC/FFB	0.0664
1.94	BJ-QCJ-HT/FBK/FFB	<2	K	1.051	J-QC/FFB	0.0654
2.28	BJ-QC/FBK/FFB	<2	KJ-HT	0.354	J/LLS	0.0440
0.81	BJ-QC/FBK/FFB	<2	K	0.163	J-QC/LLS/FFB	0.0233

1.27	BJ-QC/FBK/FFB	<2	K	0.196	J-QC/LLS/FFB	0.0235
2.26	BJ-QC/FBK/FFB	<2	K	0.261	J-QC/LLS	0.0633
1.78	BJ-QC/FBK/FFB	<2	K	0.477	J-QC/FFB	0.0350
1.94	BJ-QC/FBK/FFBFMS	<2	K	0.591	J-QC/FFB	0.1701
0.89	BJ-QC/FBK/FFBFLDRPO	<2	K	0.418	J-QC/FSL	0.0790
1.52	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	0.290	J-QC/LLS/FFB	0.0991
1.00	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.449	J-QC/FFB	0.0629
1.07	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.373	J-QC/LLS/FFB	0.0938
1.09	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0535
1.66	BJ-QC/FBK/FFB	<2	K	0.056	J/LLS	0.0976
0.35	BJ-QC/FBK/FFBFMS	<2	K	0.067	J/LLS	0.0312
1.06	BJ-QC/FBK/FFBFMS	<2	K	0.479		0.0878
0.81	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0447
<0.1176	KBJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	KJ-QC/FMS	0.0629
0.58	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0425
1.03	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.106	J/LLS	0.0681
0.54	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	<0.0267	KJ-QC/FFD/RPO	0.0463
0.47	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	<0.0267	KJ-QC/FFD/RPO	0.0544
0.75	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.156	J/LLS	0.0505
1.04	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.458	J-QC/FFB/FSL	0.1055
0.70	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	K	0.057	J/LLS	0.1055
0.41	BJ-QCJ-HT/FBK/FFB	<2	KJ-QCJ-HT	0.413	:/FFB/FLDRPOFSL	0.0912
0.69	BJ-QCJ-HT/FBK/FFB	<2	KJ-QCJ-HT	0.407	:/FFB/FLDRPOFSL	0.0917
1.11	BJ-QC/FBK/FFBFMS	<2	K	0.757	J-QC	0.1263
1.00	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.571		0.0971

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	0.87	0.201	0.16	0.39
	0.96	0.135	0.07	1.41
[redacted]				
	0.65	0.185	0.15	14.6
	0.87	0.141	0.13	4.8
	1.11	0.161	0.17	7.4
	0.72	0.162	0.11	<1.07
	1.57	0.178	0.21	5.8
	0.98	0.263	0.20	10.1
	0.65	0.232	0.22	6.8
	0.80	0.350	0.36	5.4
	—	0.239	0.27	3.1
	0.75	0.418	0.35	2.4
	0.94	0.269	0.29	6.94
	1.02	0.477	0.48	7.99
	1.15	0.241	0.31	9.99
	0.73	0.347	0.31	5.46
	0.90	0.281	0.22	3.06
	1.18	0.268	0.37	3.53
	0.60	0.222	0.22	4.86
	1.19	0.313	0.34	4.48
	1.02	0.224	0.32	3.68
	0.94	0.427	0.40	11.04
	0.90	0.246	0.21	4.46
	1.08	0.228	0.14	1.22
	0.79	0.204	0.20	4.08
	1.43	0.267	0.21	1.02
	1.10	0.288	0.25	1.89
	1.02	0.177	0.13	0.70
[redacted]				
	0.76	0.113	0.11	1.89
	1.57	0.352	0.30	6.22
	1.06	0.107	0.09	21.69
	0.66	0.107	0.13	6.06
	1.14	0.192	0.20	3.85
	0.78	0.185	0.17	1.53
	1.17	0.175	0.18	16.14
	1.12	0.260	0.25	—
	1.05	0.210	0.19	—
	1.37	0.234	0.24	—
	0.93	0.271	0.16	—
	1.05	0.347	0.35	—
	0.79	0.290	0.34	—
	0.63	0.362	0.36	—
	2.47	0.314	0.33	—
	0.60	0.363	0.36	—

0.64	0.488	0.45	—
0.70	0.383	0.39	—
0.73	0.363	0.31	—
0.85	0.322	0.35	—
0.88	0.302	0.30	—
0.82	0.255	0.28	—
0.82	0.287	0.29	—
0.90	0.179	0.21	—
0.61	0.140	0.15	—
0.79	0.102	0.12	—
1.13	0.124	0.13	—
1.18	0.133	0.16	—
0.99	0.145	0.33	—
0.92	0.125	0.13	—
0.65	0.199	0.18	—
1.35	0.230	0.25	—
0.81	0.208	—	—
0.77	0.221	—	—
0.77	0.225	0.24	—
0.88	0.374	0.34	—
1.05	0.273	0.25	—
0.76	0.348	0.35	—
0.68	0.238	0.26	—
0.88	0.407	—	—
0.32	0.248	0.32	—
0.67	0.420	0.34	—
0.30	0.290	0.29	—
1.28	0.340	0.28	—
0.73	0.214	0.24	—
1.14	0.253	0.26	—
0.77	0.317	0.30	—
0.77	0.238	0.21	—
0.65	0.187	0.20	—
0.82	0.202	0.17	—
0.82	0.294	0.32	—
1.03	0.248	0.23	—
1.04	0.228	0.24	—
0.87	0.162	0.35	—
1.30	0.204	0.18	—
1.03	0.166	0.14	2.6
0.743	0.145	0.15	1.3
0.708	0.152	0.15	1.6
0.464	0.146	0.58	4.4
0.676	0.147	0.11	9.6
0.907	0.099	0.07	123.4
0.561	0.150	0.09	29.1
0.359	0.131	0.12	8.1

	0.679		0.290		0.27		5.7	
	0.562		0.245		0.20		6.7	
	0.834		0.182		—		11.3	
	1.05		0.29		0.25		5.5	
	1.01		0.24		0.24		<3.0	
	1.01		0.28		0.22		<3.0	
	0.967		0.24		0.21		<3.0	
	0.833		0.17		0.14		<3.0	
[redacted]								
	1.07		0.13		0.10		<1.1	
	1.10		0.14		0.13		<1.1	
	0.990		0.10		0.09		3.0	
	0.525		0.06		0.07		4.5	
	0.708		0.17		0.11		4.8	
	1.44		0.14		0.15		<2.4	
	0.868		0.20		0.11		4.4	J-R
	0.655		0.20		0.16		2.4	J-R
	1.20		0.26		0.22		7.3	
	0.632		0.25		0.20		4.0	J-R
	0.987		0.27		0.27		3.5	J-R
	0.672		0.25		0.23		<2.4	
	0.440		0.26		0.27		<2.4	
	0.731		0.29		0.28		5.0	
	0.744		0.38		0.37		4.9	
	1.84		0.25		0.25		19.3	
	0.704		0.44		0.35		7.2	
	0.625		0.29		0.28		14.5	
	0.488		0.25		0.23		<2.4	
	0.760		0.31		0.26		3.4	J-R
	0.631		0.23		0.22		3.3	J-R
	1.21		0.20		0.18		4.9	
	0.873		0.11		0.14		<2.4	
[redacted]								
	0.901		0.11	J-QC/FFB	0.09		4.0	J-RJ-HT/EHT
	0.742	J-QC/FLS	<0.05	K	0.11		4.1	J-R
	0.769		0.09		0.09		8.6	
	0.798		0.24	J-QC/FFB	0.11		5.4	J-HT/EHT
	1.36		0.22		0.19		<2.4	K
J-QC/FFB	0.940		0.21		0.20		<2.4	K
	1.15		0.15		0.14		1.0	J-R
	1.33		0.25		0.26		<0.4	K
	0.969		0.18		0.18		0.4	J-R
	0.540		0.17		0.16	J-QC/FFB	1.1	J-R
J-QCJ-HT/FFB/EHT	0.464		0.19		0.16		5.6	
	0.653	J-QC/FFB	0.21		0.19		2.8	
	0.965		0.21		0.21		3.5	
J-QC/FFB	0.779		0.33		0.26		1.5	J-RJ-QC/FFD/RPO
	0.573		0.23		0.22		1.8	J-R
	0.771		0.30		0.26		1.8	J-RJ-QC/FFD/RPO
	1.01		0.29	J-QC/FFD/RPO	0.25		3.4	

J-QC/FFB	0.675		—	NAP	0.36	J-QC/FFB	2.3	
J-QC/FFB	0.626		0.20		0.20		4.5	
	0.981		0.42	J-QC/FFB	0.27		0.7	J-R
	0.759		0.22	J-QC/FFB	0.16		0.4	J-R
	0.733		0.18		0.16		1.8	J-RJ-QC/FFD/RPO
	0.986		0.16		0.15		1.5	J-R
[redacted]								
	0.629		0.13		0.13		3.0	
J-QC/FFB	0.688		0.11		0.09		5.3	
J-QC/FFB	0.800		0.11		0.09		5.3	
	0.750		0.17		0.14		4.0	
	0.933		0.15		0.13		3.5	
	0.975		0.16		0.15		1.6	J-RJ-QC/FSL
	1.04		0.16		0.14		1.6	J-RJ-QC/FSL
	1.04	J-QC/FFB	0.17		0.16		3.3	
	1.22		0.16		0.17		1.5	J-R
	1.02		0.15		0.16		1.6	J-R
	1.09		0.19		0.16		5.4	J-QC/FFD/RPO
	0.750		0.20		0.17		2.9	
	0.622		0.18		0.18		3.4	
J-QC/FFB	0.675		0.20		0.18		1.6	J-R
	0.923		0.30		0.27		2.3	J-R
	0.930		0.28		0.27		2.5	J-R
	0.563		0.22		0.19		10.4	
	0.611		0.32		0.25		11.8	J-QC/FSL
	0.626		0.32		0.25		11.1	J-QC/FSL
J-QC/FFB	0.456		0.42		0.40		3.2	J-QC/FSL
	0.358		0.32		0.28		8.6	
	0.435		0.29		0.26		8.5	
	0.772		0.36		0.34		10.2	
J-QC/FFB	0.412		0.24		0.22		5.8	
J-QC/FFB	0.385		0.22		0.20		5.8	
J-QC/FFB	0.856		0.33		0.30		1.9	J-RJ-QC/FSL
	0.746	J-QC/FFD/RPO	0.31		0.26		27.9	
	1.02	J-QC/FFD/RPO	0.29		0.24		30.2	
J-QC/FFB	0.698		0.28		0.26		3.1	
	0.772		0.26		0.23		1.7	J-R
	0.798		0.23		0.19		1.5	J-R
J-QC/FFB	0.535		0.21		0.17	J-QC/FLS	3.1	
	0.705		0.30	J-QC/FFD/RPO	0.21		<1.3	K
	0.779		0.21	J-QC/FFD/RPO	0.21		<1.3	K
J-QC/FFB	0.804		0.15		0.12		<1.3	K
J-QC/FFB	—	NAPQNS	0.13		0.12		<1.3	K
	1.20		0.18	J-QC/FFB	0.15		1.4	J-R
	1.14		0.18	J-QC/FFB	0.12		1.4	J-R
[redacted]								
	1.3400	J-QC/FLS	0.17		0.12		1.7	J-R
	1.2700	J-QC/FLS	0.21		0.11		2.1	J-R
J-QC/FFB	1.1300		0.20	J-QC/FFB/FLS	0.10		10.8	
J-QC/FFB	1.0200		0.21	J-QC/FFB/FLS	0.09		13.2	

	1.7651		0.13	J-QC/FFD/RPO	0.11		5.7	J-QC/FFD/RPO
	1.9029		0.08	J-QC/FFD/RPO	0.13		4.1	J-QC/FFD/RPO
	2.3960		0.09		0.08		6.8	
	2.2949		0.09		0.09		5.3	
	0.2963		0.13		0.12		3.8	
	0.3418		0.12		0.11		3.4	
J-QC/FFB	0.7772		0.14		0.11	J-QC/FFB/FFDRPO	4.6	J-QC/FSL
	0.8200		0.14		0.14		3.3	
	0.8200		0.15		0.15		2.9	
J-QC/FFD/RPO	1.1995	J-QC/FFB/FLS	0.20		0.18		2.8	
	0.5016		0.25	J-QC/FFD/RPO	0.13		7.09	
	0.5319		0.15	J-QC/FFD/RPO	0.12		6.82	
	0.6231	J-QC/FLS	0.29	J-QC/FFD/RPO	0.16		3.8	
	0.6290	J-QC/FLS	0.17	J-QC/FFD/RPO	0.16		3.6	
J-QC/FFB	0.7884		0.12	J-QC/FFD/RPOFLS	0.13		4.5	
J-QC/FFB	0.6817		0.17	J-QC/FFD/RPOFLS	0.15		4.6	
J-QC/FFB	0.8216	J-QC/FLS	0.18		0.15	J-QC/FFB	4.4	
J-QC/FFB	0.8248	J-QC/FLS	0.15		0.17	J-QC/FFB	4.6	
J-QC/FFB	0.6276	J-QC/FLS	0.25		0.26		7.8	
J-QC/FFB	0.6055	J-QC/FLS	0.23		0.23		7.8	
J-QC/FFB	0.3680		0.20	J-QC/FFB	0.19		8.0	
J-QC/FFB	0.3402		0.21	J-QC/FFB	0.18		8.1	
J-QC/FFB	0.8362	J-QC/FFB	0.33		0.37	J-QC/FFB	10.2	
J-QC/FFB	0.8495	J-QC/FFB	0.31		0.35	J-QC/FFB	11.3	
J-QC/FFB	0.7686		0.25	J-QC/FLS	0.22		3.1	
	0.5781	J-QC/FLS	0.23	J-QC/FLS	0.13		5.15	J-QC/FFD/RPO
J-QC/FFB	0.7398		0.10	J-QC/FFB/FLDRPO	0.10		<0.913	K
J-QC/FFB	0.9867		0.15	J-QC/FFB/FLS	0.13		2.82	
J-QC/FFB	0.7284		0.11	J-QC/FLS	0.10		2.18	J-QC/FFD/RPO
J-QC/FFB	1.0265		0.14		0.11		1.06	J-RJ-QC/FFD/RPO
[redacted]								
J-QC/FFB	0.7295		0.08	J-QC/FFD/RPO	0.08	J-QC/FFD/RPO	1.87	
J-QC/FFB	0.9939	J-QC/FFB	0.09		0.09		1.35	
J-QC/FFB	1.1887	J-QC/FLS	0.10		0.08		6.00	J-QC/FFD/RPO
J-QC/FFB	1.2534		0.14		0.12		2.60	
J-QC/FFB	1.0333	J-QC/FFB	0.17		0.13		24.0	J-QC/FSL
J-QC/FFB	0.8149	J-QC/FFB	0.15		0.12		2.63	
J-QC/FFB	1.2425	J-QC/FLS	0.14		0.12		13.7	
J-QC/FFB	0.9580	J-QC/FFD/RPO	0.14		0.12		3.99	
	0.9726		0.21		0.16		2.03	
J-QC/FFB	0.9142		0.21	J-QC/FFB	0.14		3.21	J-QC/FSL
J-QC/FFB	0.8586		—	AJ-QC/FFB	0.14		3.00	J-QC/FSL
J-QC/FFB	1.0483		0.18		0.17	J-QC/FFB	7.84	
J-QC/FFB	0.9716		0.14		0.15		20.8	
	0.9662	J-QC/FLS	0.21		0.19		8.35	
J-QC/FFB	1.2709		0.20		0.19		3.60	
	0.7411		0.23		0.22		2.25	
	0.6105		0.22		0.21		1.87	
J-HT/EHT	0.9717	J-QC/FLS	0.25		0.22		1.90	
	1.1957	J-QC/FFB	0.23	J-QC/FLS	0.21	J-QC/FLS	5.61	

	0.6772		0.23	J-QC/FFD/RPO	0.22		2.61	J-QC/FFD/RPO
	0.6226	J-QC/FLS	0.18		0.19		3.43	
	0.7304		0.22		0.19		2.53	J-QC/FFD/RPO
	1.0506		0.21		0.21		4.13	J-QC/FFD/RPO
	0.7252		0.18		0.17		3.38	J-QC/FSL
J-QC/FFB	1.0950	J-QC/FFB	0.49	J-QC/FLS	0.19		1.56	J-QC/FSL
	0.8048	J-HT/EHT	0.18		0.18		1.04	J-QC/FFD/RPOFSL
J-QC/FFB	1.1044		0.18		0.16		1.92	
J-QC/FFB	1.2204		0.12		0.12		<0.234	KJ-QC/FFD/RPO
[redacted]								
J-QC/FFB	1.2301	[redacted]	0.13	J-QC	0.11	J-QC/FFD/RPO	2.29	
J-QC/FFB	1.0034	[redacted]	0.10	[redacted]	0.10	[redacted]	1.81	J-QC/LLS/FFDRPO
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
J-HT/EHT	1.0755	J-QC/FFB	0.13	[redacted]	0.11	[redacted]	1.30	J-QC/LLS/FFDRPO
J-QCJ-HT/FFB/EHT	1.5891	J-QC/FFB	0.10	[redacted]	0.07	J-QC/FLD/RPO	3.51	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
J-QC/FFB	0.8527	[redacted]	0.17	[redacted]	0.14	J-QC/FSL	2.53	J-QC/FFB/FFDRPO
J-QC/FFB	0.8618	[redacted]	0.14	[redacted]	0.13	J-QC/FSL	5.36	J-QC/FFB/FFDRPO
[redacted]	1.2402	J-QC/FFB	0.22	[redacted]	0.20	J-QC	1.20	J/LLS
J-QC/FFB	0.8985	J-QC/FLS	0.20	[redacted]	0.14	J-QC/FFB	3.13	J-QC/FFD/RPO
J-QC/FFB	0.9972	J-QC/FFB	0.23	[redacted]	0.20	J-QC/FLD/RPO	1.57	J-QC/LLS/FFDRPO
[redacted]	0.6703	[redacted]	0.17	[redacted]	0.18	J-QC/FLD/RPO	3.36	
J-QC/FFB	0.8000	[redacted]	0.31	[redacted]	0.30	J-QC	2.66	
J-QC/FFB	0.5954	CJ-HT/FFD/RPOE	0.16	J-QC/FLD/RPO	0.16	[redacted]	<0.231	KJ-QC/FFD/RPO
J-QC/FFB	0.4236	CJ-HT/FFD/RPOE	—	NAPQNS	—	NAPQNS	0.253	J-RJ-QC/LLS/FFDRPC
J-QC/FFB	0.7118	[redacted]	0.35	[redacted]	0.21	J-QC/FMS	7.44	J-QC/FFB/FFDRPO
J-QC/FFB	0.8448	[redacted]	0.31	J-QC/FSL	0.26	J-QC	—	NRP
[redacted]	0.2923	J-QC/FLS	0.16	[redacted]	0.14	[redacted]	2.79	J-QC/FFB/FFDRPO
[redacted]	0.9776	J-QC/FFB	0.26	J-QC/FFB/FSL	0.22	[redacted]	5.79	
[redacted]	0.6362	J-QC/FFB	0.18	[redacted]	0.17	[redacted]	4.25	
[redacted]	0.5963	J-QC/FFB	0.19	[redacted]	0.17	[redacted]	3.22	
J-QC/FFB	0.6973	J-QC	0.18	[redacted]	0.18	[redacted]	2.56	J-QC/FFD/RPO
J-QC/FFB	0.7216	[redacted]	0.20	[redacted]	0.19	[redacted]	3.06	
J-QC/FFB	0.6421	[redacted]	0.19	[redacted]	0.19	[redacted]	2.96	J-QC/FFD/RPO
J-QC/FFB	0.7000	[redacted]	0.20	[redacted]	0.20	[redacted]	2.13	J-QC/FFD/RPO
J-QC/FFB	0.7174	[redacted]	0.19	[redacted]	0.18	[redacted]	4.30	J-QC/FFB
J-QC/FFB	0.7895	[redacted]	0.24	J-QC	0.24	J-QC/FFD/RPO	5.83	J-QC/FFB
[redacted]	0.6456	[redacted]	—	NAPQNS	—	NAPQNS	3.18	
[redacted]	0.9197	J-QC/FLS	0.22	[redacted]	0.19	J-QC/FFB	3.08	
J-QC/FFB	0.4540	J-QCJ-HT/EHT	0.15	J-QC/FMS	0.13	[redacted]	2.78	J-QC/FFB
[redacted]	0.6791	J-QC/FLS	0.17	[redacted]	0.15	[redacted]	3.79	
[redacted]	0.6931	J-QC/FLS	0.17	[redacted]	0.13	[redacted]	3.70	
[redacted]								
	0.9882	J-QC/FFB/FLS	0.17		0.15		0.94	J/LLS
J-QC/FFB	1.3053		0.14		0.13		7.25	
J-QC/FFB	1.1864		0.13		0.12		7.05	
J-QC/FFB	0.8489		0.11		0.10		3.01	
	0.5949	J-HT	0.08	J-QC	0.07	J-QC	3.76	

	0.6888	J-HT	0.09	J-QC	0.06	J-QC	3.89	
J-QC/FFB	0.9776	J-QC/FLS	0.22	J-QC/FFB/FMS	0.19		1.72	J-QC/LLSFFDRPO
J-QC/FFB	0.5433		0.14	J-QC/FFB/FMS	0.12	J-QC/FFB	5.25	J-QC
	1.0790	J-QC/FLS	0.25	J-QC	0.23	J-QC/FFB	11.2	
J-QC/FFB	0.7202		0.18		0.12		3.85	
J-QCJ-HT/FFB	0.7375		0.17		0.15		2.45	
J-QC/FFB	0.7257		0.15		0.14		1.90	J/LLS
J-QC/FFB	0.7372		0.19		0.19		2.70	
J-QC/FFB	0.5149		0.16		0.15		3.02	
J-QC/FFB	0.8260		0.29	J-QC/FMS	0.27	J-QC/FMS	2.51	
	0.5061		0.18	J-QC/FFB	0.16		5.50	
J-QC/FFB	0.8221		0.28		0.27		3.47	
	0.4830		0.19		0.18		2.68	J-QC/FFB/FFDRPO
	0.6186		0.26		0.27		8.74	
	0.4045		0.17		0.15		10.8	
J-QC/FFB	0.6423	J-HT	0.29		0.26		10.8	
	0.5699		0.20	J-QC/FMS	0.17		14.5	
	0.5238		0.19		0.18		16.3	
	0.4272		0.21	J-QC/FFB	0.18	J-QC	12.6	
J-QC/FFB	0.7336	J-HT	0.28	J-QC/FFB	0.25	J-QC	10.4	
J-QC/FFB	1.0023		0.26		0.23		4.98	
J-QC/FFB	0.6661	J-HT	0.22		0.19		8.01	
J-QC/FFB	0.6085	J-HT	0.24		0.20		7.75	
J-QC/FFB	1.4613	J-QC/FLS	0.32		0.27		1.40	J-QC/LLS/FFDRPO
J-QC/FFB	0.9997		0.24	J-QC/FMS	0.19		0.96	J/LLS

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
3.3	0.00	0.00
5.8	0.00	0.11
[redacted]		
24.0	0.45	0.45
25.0	0.00	0.00
7.0	0.00	0.00
<0.5	0.00	0.24
21.5	0.00	0.00
1.6	0.00	0.10
2.4	0.31	0.31
1.0	0.00	0.00
2.2	0.00	0.18
3.9	0.57	0.57
5.1	0.00	0.00
0.6	0.85	0.85
2.7	0.02	0.02
26.5	0.00	0.00
58.0	0.00	0.45
7.6	0.00	0.00
3.2	0.10	0.10
23.0	0.03	0.03
7.8	0.00	0.00
17.8	0.00	0.00
1.0	0.00	0.00
8.7	0.00	0.00
5.5	0.78	0.78
4.9	0.00	0.00
5.9	0.00	0.66
5.1	0.00	0.00
[redacted]		
0.8	0.01	0.01
4.2	0.00	0.10
0.8	0.01	0.14
1.7	0.00	0.00
2.5	0.00	0.09
0.7	0.00	0.00
2.1	0.00	0.00
1.4	0.00	0.00
—	0.00	0.40
1.3	0.00	0.00
2.0	0.83	0.83
3.2	0.00	0.00
5.2	0.00	0.00
4.2	0.00	0.07
4.4	0.00	0.00
3.5	0.00	0.01

4.2	0.00	0.08	[redacted]
3.5	0.00	0.00	
3.4	0.00	0.00	
2.8	0.01	0.01	
2.3	0.00	0.00	
3.0	0.05	0.05	
2.2	0.00	0.00	
4.4	0.00	0.03	
7.1	0.00	0.00	
[redacted]			
5.6	0.01	0.14	
5.2	0.00	0.00	
5.5	0.00	0.00	
3.9	0.00	0.00	
5.2	0.00	0.00	
4.0	0.00	0.01	
7.8	0.00	0.00	
—	0.00	0.00	
—	0.54	0.93	
3.1	0.00	0.00	
3.4	0.00	0.00	
2.0	0.25	1.44	
3.7	0.33	2.38	
3.7	0.00	0.00	
—	0.36	0.36	
7.1	0.00	0.00	
7.4	0.15	0.15	
6.5	0.00	0.00	
7.3	0.00	0.02	
5.9	0.00	0.00	
5.9	0.62	1.01	
1.9	0.35	0.35	
4.0	0.00	0.00	
6.4	0.00	0.00	
3.0	0.00	0.00	
4.0	0.00	0.41	
3.4	0.00	0.00	
4.2	0.00	0.00	
4.6	0.65	0.65	
2.0	0.00	0.00	
[redacted]			
2.4	0.00	0.00	
1.3	0.00	0.00	
0.8	0.02	0.14	
4.1	0.00	0.00	
2.4	0.25	0.25	
1.8	0.17	0.27	
2.5	0.00	0.00	
2.1	0.66	0.66	

5.7		0.03	0.32
2.1		0.00	0.00
1.4		0.05	0.05
6.9		0.00	0.00
6.2		0.00	0.00
6.0		0.00	0.00
7.9		0.00	0.22
3.8		0.08	0.57
[redacted]			
3.5		0.00	0.00
2.5		0.08	0.08
5.1		0.00	0.00
8.7		0.00	0.00
4.1		0.00	0.00
4.4		0.00	0.00
4.4		0.15	0.20
4.4		0.00	0.00
5.2		0.00	0.01
5.1		0.04	0.21
8.3		0.01	0.83
8.2		0.00	0.00
5.3		0.00	0.00
5.5		0.00	0.00
4.4		0.00	1.17
4.4		0.00	0.00
4.5		0.00	0.00
4.0		0.00	0.00
3.3		0.00	0.00
3.7		0.00	0.00
3.4		0.00	0.17
3.7		0.15	0.38
3.7		0.12	1.05
[redacted]			
4.2		0.00	0.00
4.6		0.00	0.00
4.1	J-QC/FFB	0.00	0.15
<0.5	K	0.00	0.00
6.4	J-QC/FFD/RPO	0.54	1.15
6.6		0.00	0.00
5.4		0.00	0.00
8.4		0.00	0.00
4.2		0.00	0.00
—	NAPEFAI/EQF	0.00	0.66
5.0		0.00	0.20
5.6		0.00	0.00
4.7		0.15	1.69
6.0		0.00	1.70
6.9	J-QC/FFB	0.41	0.42
5.7	J-QC/FFB	0.00	0.00
5.1	J-QC/FFB	0.01	0.11

5.8	J-QC/FFB	0.00	0.00
4.3	J-QC/FFB	0.00	0.00
5.5	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB/FFDRPO	0.00	0.00
4.2	J-QC/FFB	0.00	0.00
4.1	J-QC/FFB	0.00	0.00
[redacted]			
10.50	J-QC/FFB/OUT	0.00	0.01
5.20		0.00	0.00
4.10		0.00	0.00
5.64		0.03	2.06
5.22		0.03	2.06
4.92		0.00	0.00
4.82		0.00	0.00
4.40		0.01	1.44
4.70	J-QC/FFB	0.00	0.00
4.70	J-QC/FFB	0.00	0.00
4.92	J-QC/FFB	0.00	0.00
4.55	J-QC/FFB	1.11	1.11
4.51	J-QC/FFB	1.11	1.11
4.40	J-QC/FFB	0.00	0.00
5.32	J-QC/FFB	0.00	0.00
4.98	J-QC/FFB	0.00	0.00
4.10		0.00	0.00
4.10	J-QC/FFB	0.00	0.17
3.90	J-QC/FFB	0.00	0.17
4.90	J-QC/FFB	0.05	0.05
4.20	J-QC/FFB	0.00	0.28
4.20	J-QC/FFB	0.00	0.28
4.20	J-QC/FFB	0.00	0.04
4.90	BJ-QC/FBK/FFB	0.00	0.00
3.70	BJ-QC/FBK/FFB	0.00	0.00
4.80	J-QC/FFB	1.24	1.41
3.80	J-QC/FFB	0.34	1.06
3.70	J-QC/FFB	0.34	1.06
3.70	B/FBK	0.00	0.00
4.10	BJ-QC/FBK/FFB	0.00	0.00
3.70	BJ-QC/FBK/FFB	0.00	0.00
3.60	BJ-QC/FBK/FFB	1.05	1.05
3.30		0.00	0.00
2.80		0.00	0.00
4.30	J-QC/FFB	0.00	0.00
4.30	J-QC/FFB	0.00	0.00
4.80		0.00	0.00
4.60		0.00	0.00
[redacted]			
5.0		0.00	0.02
4.5		0.00	0.02
5.7	J-QC/FFB	0.00	0.00
5.3	J-QC/FFB	0.00	0.00

5.1	J-QC/FFB	0.17	2.58
4.9	J-QC/FFB	0.17	2.58
3.9	J-QC/FFB	0.64	1.31
3.3	J-QC/FFB	0.64	1.31
4.1	B/FBK	0.00	0.00
3.9	B/FBK	0.00	0.00
4.9	BJ-QC/FBK/FFB	0.00	0.00
4.6	J-QC/FFB	0.01	2.40
3.8	J-QC/FFB	0.01	2.40
4.6		0.00	0.00
3.2	J-QC/FFB	0.00	0.00
3.4	J-QC/FFB	0.00	0.00
3.0	J-QC/FFB	0.04	0.05
3.0	J-QC/FFB	0.04	0.05
2.8	J-QC/FFB/FFDRPO	0.00	0.00
0.46	J-RJ-QC/FFB/FFDRPO	0.00	0.00
4.0	J-QC/FFB	0.00	0.00
3.3	J-QC/FFB	0.00	0.00
5.0	J-QC/FFB	0.39	0.39
4.5	J-QC/FFB	0.39	0.39
3.6	J-QC/FFB	0.28	0.29
3.2	J-QC/FFB	0.28	0.29
5.0	J-QC/FFB	0.00	0.12
4.4	J-QC/FFB	0.00	0.12
4.6	J-QC/FFB	0.07	0.07
5.4	J-QC/FFB	0.00	0.00
4.7	J-QC/FFB	0.00	0.00
4.6		0.04	1.03
3.9		0.00	0.00
6.8		0.13	0.16
[redacted]			
3.4		0.00	0.00
3.8	J-QC/FFB	0.00	0.00
4.0	BJ-QC/FBK/FFB	0.00	0.00
2.5	J-QC/FFB	0.00	0.00
2.8	J-QC/FFB	0.62	0.62
2.4	J-QC/FFB	0.27	0.30
2.8	J-QC/FFB	0.73	0.76
2.6		0.20	2.14
3.2	J-QC/FFB	0.00	0.02
3.9	J-QC/FFB	0.09	0.67
3.4	J-QC/FFB	0.09	0.67
3.5	J-QC/FFB	0.93	2.05
3.0	BJ-QC/FBK/FFB	0.00	0.00
3.8		0.00	0.95
5.0	J-QC/FFB	0.00	0.26
5.3	J-QC/FFB/FLS	0.04	0.09
4.4	J-QC/FFB/FLS	0.04	0.09
3.1	J-QC/FFB/FFDRPO	0.00	0.00
—	NAPEFAI/EQF	0.00	0.00

3.8	J-QC/FFB/FFDRPO	0.00	0.00
2.7	J-QC/FFB	0.00	0.00
2.2	J-QC/FFB	0.11	0.70
3.1	J-QC/FFD/RPO	0.00	0.06
9.6	J-QC/FFB/FFDFLDRPO	0.00	0.00
3.8		0.00	0.00
2.9		0.35	0.35
3.8	BJ-QC/FBK/FFB	0.46	0.46
3.2	BJ-QC/FBK/FFB	0.03	0.03
[redacted]			
7.83	BJ-QC/FBK/FFB	0.00	0.00
3.35	J-QC/FFB	0.72	0.72
—	NA	0.00	1.33
—	NA	0.00	1.33
3.72	BJ-QC/FBK/FFB	0.00	0.00
3.3	J-QC/FFD/RPO	0.00	0.00
—	NA	0.01	0.01
—	NA	0.01	0.01
2.8		0.08	1.54
2.7		0.08	1.54
4.7	J-QC/FFD/RPO	0.00	0.00
3.5	J-QC/FFD/RPO	0.35	0.88
6.1		0.00	0.55
5.7	J-QC/FFB/FSL	0.00	0.04
5.9		0.14	0.27
5.6		0.11	0.11
—	NAPQNS	0.11	0.11
4.3	J-QC/FFB	0.00	0.00
4.9	J-QC/FMS	0.00	0.00
3.4	J-QC/FLD/RPO	0.19	0.19
5.6	J-QC	0.02	0.52
3.9		0.00	0.00
3.5		0.00	0.00
3.7	J-QC	0.40	0.40
3.6	J-QC/FFB	0.00	0.00
2.8	J-QC	0.03	0.03
2.6	J-QC	0.03	0.03
3.5	J-QC/FSL	0.00	0.00
3.2	J-QC/FLD/RPOFMS	0.52	0.52
—	NAPQNS	0.00	0.00
3.8	QC/FBK/FFBFLDRPOFSLF	0.00	0.00
0.64	J-QC/FFB/FFDRPO	0.40	0.40
4.79		0.19	0.19
4.5		0.19	0.19
[redacted]			
2.8	J-QC/FMS	0.35	0.35
2.3	J-QC/FMS	0.00	1.44
2.5	J-QC/FMS	0.00	1.44
2.4	J-QC/FMS	0.00	0.00
3.0	J-QC	0.00	0.00

4.0	J-QC	0.00	0.00
3.5		0.52	0.52
3.9		0.03	0.03
6.9		0.40	0.40
7.1		0.00	0.00
4.3	J-QC/FMS	0.00	2.46
4.3		0.00	0.00
5.0		0.00	0.00
2.3	J-QC/FMS	0.00	0.00
2.1	J-QC/FMS	0.49	0.49
2.0		0.75	0.84
2.3	J-QC/FMS	0.00	0.00
2.5		0.00	0.00
2.7	J-QC	0.00	0.00
3.3	B/FBK	0.55	0.64
4.6		0.00	0.00
2.2	B/FBK	0.00	0.00
2.5		0.00	0.00
2.0		0.00	0.00
3.6	J-QC/FLD/RPO	0.00	0.73
2.8		0.00	0.00
1.3		0.00	0.00
1.7		0.00	0.00
3.6		0.00	0.00
3.1		0.08	0.16

[redacted]

[redacted]

Station #16 Lower Hackensack 1	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 10, 2003	12:15	6.20	5.5	10.89
December 16, 2003	12:50	6.60	5.7	8.30
2004				
March 31, 2004	11:25	8.04	8.5	8.66
April 7, 2004	10:05	7.67	7.1	9.54
April 20, 2004	10:10	7.69	10.8	9.39
May 4, 2004	10:05	7.13	13.2	7.72
May 18, 2004	10:55	7.32	17.8	6.45
May 25, 2004	10:45	7.13	19.8	5.32
June 22, 2004	10:00	7.38	22.8	6.77
June 28, 2004	10:46	7.40	—	7.71
July 6, 2004	10:26	7.35	22.2	7.68
July 13, 2004	11:56	7.36	25.2	—
July 20, 2004	11:58	7.48	22.8	4.99
July 27, 2004	10:20	7.09	23.4	3.54
August 3, 2004	11:17	7.23	24.59	4.00
August 10, 2004	10:22	7.43	23.34	4.43
August 17, 2004	10:40	7.02	23.00	4.35
August 24, 2004	10:38	—	25.21	3.60
August 31, 2004	10:37	7.45	24.37	7.73
September 7, 2004	10:07	7.42	23.76	6.44
September 14, 2004	10:35	—	23.29	4.36
September 21, 2004	10:15	7.26	21.52	4.97
October 7, 2004	10:40	7.41	19.79	4.75
October 21, 2004	10:39	—	15.5	6.08
November 4, 2004	10:43	7.00	12.9	7.60
November 18, 2004	10:43	7.62	10.36	7.98
December 2, 2004	10:25	7.37	9.73	8.69
December 16, 2004	11:10	—	6.2	13.61
2005				
February 23, 2005	10:30	—	3.54	—
March 9, 2005	10:40	—	3.6	9.85
March 21, 2005	10:20	—	4.7	12.08
April 12, 2005	13:22	6.91	10.6	—
May 3, 2005	12:05	7.39	15.18	6.62
May 10, 2005	10:20	7.47	12.06	9.93
May 18, 2005	12:45	7.45	17.41	7.58
June 2, 2005	12:48	7.26	18.82	4.69
June 7, 2005	10:11	7.22	18.37	5.96
June 13, 2005	11:03	7.26	22.82	5.16
July 5, 2005	10:30	7.31	23.03	4.96
July 12, 2005	10:06	7.22	23.34	4.54
July 20, 2005	11:02	7.25	25.85	4.35
July 26, 2005	10:40	7.31	25.68	4.14
August 2, 2005	10:50	—	26.36	5.42
August 10, 2005	—	—	—	—

August 16, 2005	10:43	7.23	28.19	3.20
August 24, 2005	10:02	—	25.49	4.38
August 30, 2005	—	—	—	—
September 14, 2005	10:30	7.32	25.54	4.97
September 21, 2005	10:39	7.37	24.05	5.24
September 29, 2005	10:17	7.38	22.31	6.80
October 5, 2005	10:56	7.39	21.01	5.90
October 19, 2005	10:24	7.82	16.88	8.47
December 20, 2005	10:50	7.44	5.17	10.74
2006				
January 30, 2006	10:32	7.61	5.21	13.21
February 14, 2006	11:23	7.53	4.31	10.35
March 16, 2006	10:42	7.86	6.13	10.54
March 27, 2006	11:04	7.88	7.38	9.91
April 10, 2006	10:34	7.68	9.30	8.60
April 26, 2006	10:28	7.38	13.05	8.47
May 4, 2006	10:34	7.19	14.38	7.88
May 10, 2006	10:24	7.49	14.37	7.28
May 16, 2006	12:05	7.30	15.31	7.73
June 14, 2006	11:03	7.38	18.18	6.27
June 20, 2006	10:44	7.14	23.91	5.90
June 29, 2006	11:01	7.24	22.29	7.17
July 6, 2006	10:18	7.14	24.23	5.58
July 10, 2006	10:29	7.24	19.66	6.84
July 18, 2006	10:13	7.05	26.42	3.65
July 27, 2006	10:22	7.15	24.51	5.78
August 3, 2006	10:01	7.35	28.79	5.65
August 7, 2006	11:37	7.51	26.03	5.10
August 16, 2006	10:45	7.20	25.13	3.94
August 23, 2006	10:00	7.34	24.50	5.70
August 28, 2006	10:15	7.19	23.62	4.45
September 5, 2006	10:22	7.16	21.58	5.07
September 12, 2006	11:20	7.29	21.30	4.89
September 21, 2006	10:51	7.27	21.26	5.11
September 28, 2006	10:42	7.37	20.00	5.70
October 2, 2006	10:51	7.30	19.25	5.22
October 16, 2006	10:41	7.35	17.27	5.91
October 30, 2006	11:37	7.54	12.12	7.60
November 16, 2006	10:51	8.67	14.52	5.14
December 11, 2006	11:48	7.46	8.05	8.53
2007				
January 11, 2007	11:10	7.56	7.93	9.02
January 22, 2007	10:18	7.55	4.99	9.87
February 21, 2007	11:03	8.21	1.20	9.59
March 5, 2007	11:03	7.99	3.35	9.44
March 19, 2007	11:53	7.77	3.77	10.67
April 2, 2007	10:28	7.60	6.75	12.10
April 30, 2007	11:57	7.40	12.47	9.22
May 16, 2007	10:11	7.60	16.40	10.54

August 20, 2007	10:44	7.27		24.61	4.04
August 29, 2007	11:10	7.39		22.95	6.17
September 10, 2007	10:07	7.41		24.00	6.70
October 4, 2007	10:53	7.11		22.66	4.16
October 15, 2007	10:41	7.34		19.36	5.83
October 29, 2007	10:52	7.24		16.37	6.52
November 14, 2007	11:15	—		11.67	8.15
December 10, 2007	11:12	—		6.39	9.29
2008					
January 7, 2008	11:03	—		4.56	11.09
February 4, 2008	10:52	7.53		4.73	10.35
March 10, 2008	10:54	7.54		5.69	—
April 7, 2008	10:44	7.77		7.73	11.18
May 8, 2008	12:08	7.53		14.57	7.37
May 15, 2008	10:21	7.41		14.62	7.19
May 22, 2008	11:10	7.47		14.07	7.55
June 2, 2008	11:20	7.41		17.48	6.63
June 9, 2008	10:54	7.42		20.39	5.50
June 16, 2008	10:58	7.33		21.70	5.26
June 23, 2008	11:06	7.39		21.62	6.17
July 7, 2008	11:31	7.35		22.15	5.02
July 22, 2008	11:18	7.40		24.34	5.34
August 4, 2008	10:10	7.20		24.32	4.25
August 12, 2008	10:51	7.20		24.87	4.08
August 18, 2008	10:15	7.23		23.67	5.16
August 25, 2008	10:41	7.22		25.61	4.31
September 8, 2008	10:56	7.25		24.58	4.92
September 15, 2008	10:34	7.05		22.76	6.09
September 22, 2008	10:46	6.51		22.59	5.23
October 6, 2008	10:30	—		19.03	4.04
November 6, 2008	10:27	—		13.60	6.19
December 1, 2008	10:59	7.29		7.53	8.13
2009					
January 27, 2009	10:39	7.40		2.10	11.16
February 25, 2009	11:35	7.38		2.71	10.99
March 10, 2009	10:36	7.44		4.13	13.04
April 8, 2009	10:40	7.41		8.08	10.98
May 4, 2009	11:23	7.15		15.10	—
May 19, 2009	10:04	7.05		15.42	—
May 27, 2009	10:33	7.12		16.72	—
June 1, 2009	10:59	7.06		18.92	—
June 8, 2009	12:03	7.27		18.72	—
June 22, 2009	10:50	7.27		19.78	5.46
July 13, 2009	12:01	7.20		21.30	6.03
July 20, 2009	11:19	—	NAPEFAI/EQF	23.19	5.70
July 27, 2009	12:14	—	NAPEFAI/EQF	23.78	5.69
August 3, 2009	10:41	—	NAPEFAI/EQF	25.10	4.28
August 10, 2009	11:11	—	NAPEFAI/EQF	23.42	4.68
August 17, 2009	10:34	—	NAPEFAI/EQF	26.21	—
August 24, 2009	11:18	—	NAPEFAI/EQF	25.90	—

August 31, 2009	11:02	—	NAPEFAI/EQF	24.29	—
September 9, 2009	10:37	—	NAPEFAI/EQF	22.69	—
September 14, 2009	10:33	—	NAPEFAI/EQF	21.22	—
September 21, 2009	10:28	—	NAPEFAI/EQF	—	—
October 6, 2009	11:24	—	NAPEFAI/EQF	18.17	—
November 23, 2009	11:40	7.62		11.24	8.72
2010					
March 17, 2010	10:15	7.28		6.19	11.52
April 15, 2010	10:15	7.55		10.85	12.94
May 4, 2010	11:19	7.39		16.15	8.34
May 10, 2010	11:00	7.44		14.03	9.26
May 19, 2010	10:54	7.29		14.00	7.92
May 24, 2010	10:34	7.21		16.94	8.70
June 3, 2010	10:35	7.34		22.05	6.17
June 9, 2010	10:45	7.38		22.27	5.54
June 15, 2010	10:30	7.38		20.79	5.87
June 21, 2010	10:57	7.24		23.82	5.60
June 29, 2010	10:11	7.61		23.64	6.63
July 12, 2010	10:25	7.61		24.28	6.28
July 19, 2010	10:34	7.16		28.05	4.78
July 26, 2010	10:42	7.34		25.96	9.02
August 2, 2010	10:11	7.29		25.72	3.90
August 9, 2010	10:52	7.41		25.00	5.23
August 16, 2010	10:30	7.28		25.52	4.45
August 23, 2010	10:24	7.38		24.87	4.83
August 30, 2010	10:43	7.33		23.80	4.83
September 20, 2010	10:30	7.34		20.42	7.09
September 27, 2010	10:26	7.51		20.78	6.75
October 7, 2010	10:30	7.41		18.00	6.57
November 22, 2010	10:30	7.63		10.40	9.60
December 7, 2010	10:33	7.61		5.80	11.32
2011					
January 3, 2011	11:32	7.57		2.45	11.81
February 14, 2011	10:14	7.72		2.78	15.13
March 7, 2011	10:48	7.43		5.04	13.80
April 13, 2011	10:24	7.30		9.80	9.49
May 2, 2011	10:48	7.17		13.21	8.15
May 9, 2011	11:20	7.02		15.14	8.31
May 19, 2011	10:57	7.32		15.58	6.85
May 26, 2011	10:31	7.10		19.40	5.53
June 6, 2011	11:50	7.42		19.00	7.51
June 13, 2011	10:35	7.21		21.76	5.72
June 20, 2011	11:00	7.08		21.52	5.20
June 29, 2011	10:33	7.30		22.56	5.12
July 25, 2011	10:32	7.39		28.01	7.56
August 1, 2011	10:32	7.46		25.06	4.49
August 8, 2011	11:10	7.22		27.53	4.28
August 18, 2011	10:40	7.20		23.97	4.48
September 13, 2011	11:10	7.10		21.32	6.03
September 26, 2011	10:30	7.39		20.20	5.14

October 20, 2011	10:59	7.53		17.08	7.68
November 15, 2011	10:30	7.62		11.95	8.10
December 21, 2011	10:37	7.56		7.27	10.50
2012					
January 9, 2012	11:13	7.66		6.67	9.76
February 6, 2012	10:59	7.59		5.59	9.99
March 5, 2012	10:48	7.60		5.96	11.02
April 16, 2012	11:11	7.57		13.18	7.92
May 1, 2012	10:41	7.37		13.39	8.36
May 9, 2012	10:42	7.31		14.51	7.27
May 15, 2012	10:21	7.29		17.78	6.62
May 22, 2012	10:21	7.43		17.18	8.83
May 31, 2012	10:26	7.28		23.60	5.17
June 7, 2012	10:25	—	NAPEFAI/EQF	19.82	4.01
June 13, 2012	10:12	—	NAPEFAI/EQF	21.91	3.49
June 18, 2012	10:18	—	NAPEFAI/EQF	21.02	3.66
June 26, 2012	10:30	—	NAPEFAI/EQF	24.18	3.10
July 16, 2012	10:14	7.57		25.80	5.77
July 23, 2012	10:10	7.40		24.09	5.06
July 30, 2012	09:57	7.34		25.44	4.68
August 8, 2012	11:08	7.37		26.83	4.92
August 13, 2012	10:47	7.30		27.79	5.07
August 20, 2012	10:47	7.28		24.27	4.45
September 5, 2012	10:23	7.36		24.77	6.22
September 10, 2012	10:45	7.30		25.56	4.04
September 17, 2012	10:25	7.48		22.38	5.30
September 26, 2012	09:59	7.36		20.40	5.70
October 15, 2012	10:03	7.52		16.61	8.06
November 26, 2012	09:32	7.56		7.97	9.07
December 3, 2012	09:13	7.58		8.03	8.95
2013					
January 7, 2013	10:15	3.97		7.43	12.74
February 7, 2013	08:15	7.58		3.01	11.66
February 27, 2013	09:25	7.71		4.12	13.06
March 5, 2013	08:54	7.51		5.08	11.21
April 1, 2013	09:37	7.60		6.74	10.90
April 22, 2013	09:41	7.65		11.65	8.50
May 9, 2013	10:45	7.35		14.68	7.38
May 16, 2013	10:27	7.36		15.72	6.00
May 23, 2013	10:21	7.44		16.25	6.11
June 3, 2013	10:19	7.37		21.69	5.49
June 11, 2013	10:32	7.15		17.94	6.04
June 17, 2013	10:40	7.40		20.01	5.45
June 24, 2013	11:01	7.55		20.26	6.38
July 8, 2013	10:55	7.55		21.26	5.32
July 15, 2013	10:27	7.46		23.77	4.52
July 22, 2013	10:28	7.68		25.18	5.28
July 29, 2013	11:00	7.44		24.11	4.73
August 5, 2013	11:07	7.50		22.76	4.90
August 12, 2013	10:59	7.60		23.32	5.14

August 19, 2013	11:45	7.43		22.55	4.84
August 26, 2013	11:14	7.45		22.68	6.30
September 5, 2013	10:47	7.43		22.87	4.73
September 12, 2013	10:46	7.41		23.11	4.85
September 18, 2013	10:31	7.45		19.57	5.51
September 26, 2013	10:06	7.27		18.99	5.77
October 7, 2013	10:53	7.55		19.62	6.71
November 18, 2013	11:02	7.91		9.88	10.69
2014					
January 14, 2014	10:52	7.24		2.20	11.34
February 6, 2014	10:57	7.01		0.80	11.04
March 11, 2014	10:48	7.61		2.38	13.00
April 14, 2014	11:30	7.93		8.32	10.99
May 8, 2014	10:33	7.27		13.22	7.42
May 15, 2014	10:28	7.44		13.04	8.62
May 22, 2014	10:55	7.10		17.51	5.15
June 2, 2014	10:37	7.46		17.13	7.09
June 10, 2014	10:37	7.23		18.62	5.51
June 16, 2014	10:44	7.18		18.74	5.59
June 23, 2014	10:55	7.31		22.07	5.23
July 1, 2014	10:40	7.52		22.90	6.01
July 8, 2014	10:55	7.43		23.99	4.71
July 14, 2014	10:32	7.51		20.65	6.86
July 21, 2014	10:30	7.50		23.71	4.27
July 31, 2014	11:00	7.47		22.89	5.90
August 6, 2014	10:22	6.35		24.34	4.34
August 13, 2014	10:32	7.45		22.12	5.72
August 18, 2014	10:30	7.35		21.89	4.31
August 25, 2014	10:38	7.49		21.42	5.78
September 3, 2014	10:24	7.65		24.65	3.67
September 11, 2014	10:35	—	NAPEFAI/EQF	23.07	5.31
September 17, 2014	10:42	7.33		21.32	5.01
October 1, 2014	10:33	7.25		20.42	6.23
October 6, 2014	10:21	7.38		18.74	6.94
November 19, 2014	11:10	7.25		7.81	9.78
December 3, 2014	10:40	7.37		7.18	10.44

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	96.6	16.8	—	18
	73.8	16.0	—	54
[redacted]				
	82.7	14.5	—	21
	87.5	15.1	—	24
	94.4	16.7	—	31
	83.4	19.7	—	45
	74.1	17.7	—	14
	64.6	17.4	—	16
	78.9	—	—	21
	93.9	—	—	18
	88.9	—	—	21
	—	—	—	19
	57.9	—	—	40
	42.8	—	—	17
	53.1	17.75	—	24
	58.4	20.36	—	22
	57.1	18.96	—	36
	46.9	11.92	—	18
	103.1	18.12	—	22
	84.2	17.95	—	22
	56.1	16.9	—	21
	59.3	12.97	—	36
	58.9	21.08	—	6
	66.9	14.3	—	18
	78.9	13.9	—	19
	81.6	20.88	—	56
	81.0	8.21	—	24
	115.4	9.9	—	31
[redacted]				
	—	14.55	—	18
	79.1	7.7	—	36
	103.9	15.6	—	12
	—	7.0	—	14
	70.3	10.48	—	15
	102.2	—	—	34
	86.9	15.71	—	18
	56.5	19.02	—	36
	71.7	20.08	—	16
	66.5	19.15	—	18
	66.6	24.55	—	21
	61.4	24.48	—	14
	61.3	24.06	—	26
	57.5	21.65	—	93
	75.6	21.64	—	39
	—	—	—	52

45.6	19.48	—	48
60.4	22.21	—	57
—	—	—	16
68.9	22.42	—	34
72.2	26.57	—	53
89.4	23.74	—	31
76.8	25.62	—	24
94.0	12.30	—	23
94.6	16.87	—	37
[redacted]			
118.7	19.90	—	28
90.8	19.68	—	25
97.7	21.11	—	36
93.2	18.74	—	34
84.3	18.95	—	24
89.1	16.50	—	22
84.9	15.65	—	40
81.4	21.77	—	28
86.8	19.48	—	29
74.7	20.47	—	28
76.1	14.32	—	24
90.5	15.46	—	43
71.3	12.05	—	21
84.1	19.98	—	48
49.4	15.73	—	23
78.2	20.87	—	33
81.6	16.71	—	48
70.2	19.92	—	32
53.4	19.74	—	47
78.4	24.29	—	26
59.4	21.75	—	37
63.4	16.67	—	28
62.7	21.91	—	40
65.4	21.26	—	22
71.0	20.91	—	55
62.6	17.45	—	22
68.6	18.53	—	40
74.8	8.87	—	20
51.7	4.04	—	24
82.4	20.61	—	37
[redacted]			
85.7	18.30	—	25
86.7	17.28	—	28
81.6	26.98	—	38
77.1	12.97	—	22
92.4	19.79	—	34
110.6	17.34	—	20
92.2	10.65	—	28
119.1	16.94	—	28

	54.0		18.04	—	45	
	81.4		21.86	—	26	
	92.1		24.85	—	54	
	54.2		20.70	—	40	
	72.8		23.69	—	50	
	76.1		22.38	—	36	
	87.0		23.15	—	26	
	86.8		21.42	—	20	
[redacted]						
	97.4		19.13	—	62	
	89.0		15.22	—	30	
	—		—	—	21	
	104.3		16.40	—	40	
	80.7		17.68	—	38	
	76.4		12.65	—	35	
	79.8		13.80	—	51	
	77.1		17.72	—	49	
	68.2		20.57	—	56	
	67.1		20.00	—	20	
	79.7		22.40	—	22	
	65.9		23.28	—	60	
	73.6		25.08	—	22	
	58.2		24.10	—	18	
	55.2		20.33	—	16	
	69.0		21.67	—	22	
	59.1		20.01	—	14	
	66.6		20.88	—	43	
	78.5		19.37	—	18	
	67.6		17.69	—	15	
	49.4		21.56	—	24	
	67.5		20.37	—	20	
	76.4		18.23	—	34	
[redacted]						
	93.2		20.94	—	26	J-QC/FFB
	93.5		20.96	—	49	
	116.0		22.27	—	18	J-QC/FFD/RPO
	104.7		18.43	—	24	
NAPEFAI/EQF	—	NAPEFAI/EQF	14.24	—	23	
NAPEFAI/EQF	—	NAPEFAI/EQF	14.72	—	46	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	19.71	—	44	
NAPEFAI/EQF	—	NAPEFAI/EQF	15.16	—	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	17.56	—	14	
	64.5		12.84	—	18	
	76.2		20.22	—	52	J-QC/FLD/RPO
	74.4		18.91	—	32	
	73.8		16.04	—	34	
	55.9		13.34	—	36	
	60.7		18.16	—	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	16.40	—	28	
NAPEFAI/EQF	—	NAPEFAI/EQF	17.63	—	18	J-QC/FFD/RPO

NAPEFAI/EQF	—	NAPEFAI/EQF	16.94		—		12	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.78		—		26	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	17.37		—		20	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	20.30		—		27	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	23.94		—		8	
	89.6		18.99		—		46	
[redacted]								
	98.3		8.84		—	NA	21	
	129.8		16.74		—	NA	42	
	87.2		9.45		—	NA	20	
	98.5		15.90		—	NA	24	J-QC/FLD/RPO
	80.5		16.15		—	NA	50	J-QC/FLD/RPO
	97.6		14.97		—	NA	46	
	77.3		18.22		—	NA	48	J-QC/FFB/FFDRPO
	70.8		19.25		—	NA	43	J-QC/FFB
	73.9		20.40		—	NA	38	
	70.3		16.24		—	NA	24	J-QC/FFD/RPO
	90.0		21.57		—	NA	40	J-QC/FFD/RPO
	84.9		23.54		—	NA	57	
	63.4		17.07		—	NA	42	
	123.5		21.97		—	NA	50	
	54.1		20.29		—	NA	56	
	72.2		23.77		—	NA	57	
	60.1		22.12		—	NA	143	J-QC/FFD/FLDRPO
	66.2		22.19		—	NA	48	
	63.7		—	NAPEFAI/EQF	—	NA	57	
	88.1		21.06		—	NA	45	
	86.2		23.61		—	NA	50	
	76.4		16.34		—	NA	20	
	97.1		20.25		—	NA	18	
	98.5		13.08		—	NA	50	
[redacted]								
	97.5		18.80		—	NA	34	
	124.8		16.79		—	NA	16	
	117.1		12.79		—	NA	34	
	92.0		14.99		—	NA	18	
	84.6		14.56		—	NA	41	J-QC/FFD/RPO
	87.2		9.77		—	NA	28	J-QC/FFD/FLDRPO
	75.5		14.35		—	NA	22	
	63.1		7.78		—	NA	20	
	89.5		17.45		—	NA	76	
	71.6		16.47		—	NA	60	
	64.6		16.50		—	NA	69	
	64.6		16.04		—	NA	64	
	75.4		19.15		—	NA	59	
	61.3		22.19		—	NA	32	
	57.8		17.51		—	NA	26	
	57.4		15.30		—	NA	64	
	70.4		7.92		—	NA	14	
	62.2		16.16		—	NA	53	

	84.9		11.00	—	NA	42	
	84.1		17.98	—	NA	68	
	95.1		13.45	—	NA	62	
[redacted]							
	90.3		19.14	—	NA	68	
	89.8		18.49	—	NA	66	
	98.1		18.08	—	NA	48	J-QC/FLD/RPO
	86.2		21.31	—	NA	57	
	91.9		16.77	—	NA	50	J-QC/FLD/RPO
	80.6		19.85	—	NA	82	
	76.4		16.97	—	NA	34	
	103.7		18.95	—	NA	30	
	66.3		14.95	—	NA	24	
	48.8		18.24	—	NA	26	
	43.5		15.50	—	NA	18	
	46.1		19.96	—	NA	48	
	40.4		15.56	—	NA	54	
	79.6		20.97	—	NA	26	
	68.4		22.52	—	NA	44	
	63.0		20.02	—	NA	44	J-QC/FLD/RPO
	68.2		23.07	—	NA	81	
	72.9		20.25	—	NA	74	J-QC/FLD/RPO
	60.2		23.01	—	NA	28	J-QC/FLD/RPO
	86.7		23.46	—	NA	60	J-QC/FLD/RPO
	55.5		20.18	—	NA	60	
	70.9		25.62	—	NA	66	J-QC/FLD/RPO
	72.1		22.35	—	NA	41	
	95.8		24.21	—	NA	28	J-QC/FLD/RPO
	89.2		23.52	—	NA	49	
	88.0		23.22	—	NA	54	
[redacted]							
[redacted]	107.2	[redacted]	15.15	—	NA	40	[redacted]
[redacted]	99.1	[redacted]	19.33	—	NA	58	J-QC/FFD/FLDRPO
[redacted]	115.2	[redacted]	21.28	—	NA	—	NA
[redacted]	98.2	[redacted]	14.58	—	NA	18	J-QC/FLD/RPO
[redacted]	99.6	[redacted]	16.36	—	NA	38	[redacted]
[redacted]	87.6	[redacted]	18.20	—	NA	—	NA
[redacted]	82.1	[redacted]	20.70	—	NA	44	[redacted]
[redacted]	67.1	[redacted]	17.40	—	NA	18	[redacted]
[redacted]	70.2	[redacted]	20.09	—	NA	72	J-QC/FLD/RPO
[redacted]	66.2	[redacted]	11.50	—	NA	26	J-QC
[redacted]	66.5	[redacted]	16.92	—	NA	36	[redacted]
[redacted]	65.5	[redacted]	18.08	—	NA	33	[redacted]
[redacted]	78.3	[redacted]	17.19	—	NA	48	[redacted]
[redacted]	68.2	[redacted]	21.65	—	NA	52	J-QC/FFD/RPO
[redacted]	59.5	[redacted]	19.80	—	NA	68	[redacted]
[redacted]	74.2	[redacted]	25.57	—	NA	58	J-QC/FFD/FLDRPO
[redacted]	63.1	[redacted]	19.90	—	NA	72	[redacted]
[redacted]	64.5	[redacted]	21.10	—	NA	56	J-QC
[redacted]	67.8	[redacted]	21.46	—	NA	77	J-QC

[redacted]	63.1	[redacted]	21.07	—	NA	44	J-QC/FLD/RPO
	84.1		25.47	—	NA	72	J-QC/FFD/RPO
	62.8		22.98	—	NA	48	[redacted]
	63.8		20.72	—	NA	32	
	69.8		25.05	—	NA	56	J-QC/FLD/RPO
	70.3		20.71	—	NA	39	[redacted]
	85.6		26.56	—	NA	54	
	112.1		26.94	—	NA	50	
[redacted]							
	92.3		16.85	—	NA	43	J-QC/FFB
	88.1		19.10	—	NA	44	J-QC
	108.0		20.05	—	NA	38	J-QC/FFD/RPO
	104.4		15.07	—	NA	43	
	75.2		9.62	—	NA	24	
	91.9		19.48	—	NA	52	
	57.2		10.14	—	NA	38	
	81.1		16.25	—	NA	49	
	64.3		15.00	—	NA	32	
	66.7		18.03	—	NA	76	J-QC/FFB/FLDRPO
	65.6		15.89	—	NA	50	J-QC/FFD/FLDRPO
	78.5		19.09	—	NA	30	J-QC/FLD/RPO
	60.9		14.92	—	NA	31	
	88.7		23.22	—	NA	58	
	54.6		13.90	—	NA	34	
	77.5		21.29	—	NA	42	
	57.9		19.01	—	NA	42	J-QC/FFB
	76.8		25.37	—	NA	52	
	55.2		19.82	—	NA	32	
	76.1		26.40	—	NA	39	
	48.6		17.24	—	NA	42	J-QC/FLD/RPO
	71.2		24.27	—	NA	44	J-QC/FLD/RPO
	63.8		20.79	—	NA	34	
	78.8		22.51	—	NA	28	
	86.3		25.94	—	NA	60	
	93.1		19.65	—	NA	48	J-QC
	97.7		19.22	—	NA	54	J-QC
[redacted]							

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.32	<2	<0.09	0.047
1.31	4	<0.09	0.039
[redacted]			
0.76	2	<0.19	0.088
0.50	3	<0.19	0.036
0.86	2	<0.19	0.036
0.30	2	<0.19	0.038
1.14	2	0.20	0.103
1.35	2	<0.19	0.092
0.81	6	<0.19	0.074
0.46	<2	4.53	0.039
1.74	3	—	0.077
2.05	<2	<0.19	0.131
2.15	6	<0.19	0.086
3.75	<2	0.48	0.148
0.63	5	0.28	0.093
2.17	7	<0.19	0.108
2.96	6	<0.19	0.073
2.96	5	<0.19	0.116
2.66	2	0.57	0.068
1.44	8	<0.19	0.100
1.50	—	<0.19	0.102
1.44	6	0.25	0.126
1.25	2	<0.19	0.140
0.96	<2	<0.19	0.118
0.99	3	1.70	0.089
1.04	<2	<0.19	0.075
2.27	<2	0.20	0.073
0.92	<2	<0.19	0.054
[redacted]			
—	4	<0.19	0.027
4.00	<2	2.10	0.087
1.33	4	<0.19	0.038
0.75	4	<0.19	0.021
1.26	3	<0.19	0.057
0.95	<2	<0.19	0.056
0.91	<2	<0.19	0.051
1.64	<2	<0.27	0.159
1.27	<2	<0.27	0.088
1.25	8	<0.27	0.105
1.04	5	<0.27	0.063
1.43	7	<0.27	0.077
1.16	4	<0.27	0.077
1.58	5	<0.27	0.078
0.53	3	<0.27	0.068
0.84	<2	<0.27	0.057

1.30	<2	<0.27	0.089
2.62	<2	<0.27	0.083
1.11	—	<0.27	0.129
0.86	<2	<0.27	0.150
0.96	<2	<0.27	0.102
0.85	<2	<0.27	0.144
1.08	<2	<0.27	0.130
1.06	<2	<0.27	0.059
0.98	<2	<0.27	0.040
[redacted]			
0.91	5	<0.27	0.024
1.09	7	<0.27	0.034
1.11	7	<0.27	0.041
1.34	<2	<0.27	0.058
0.90	6	<0.295	0.057
1.74	5	<0.295	0.080
1.41	7	<0.295	0.091
0.92	—	<0.295	0.066
0.84	—	<0.295	0.064
1.25	5	<0.295	0.057
1.70	<2	<0.295	0.124
0.88	5	<0.295	0.077
<1.00	9	<0.295	0.081
0.83	5	<0.295	0.052
1.25	—	<0.295	0.114
0.44	5	<0.295	0.066
1.50	5	<0.295	0.051
1.63	<2	<0.295	0.059
1.14	—	1.01	0.070
1.44	<2	<0.295	0.021
1.69	—	<0.295	0.073
1.29	—	<0.295	0.125
0.83	—	0.77	0.106
1.13	—	<0.295	0.100
0.92	—	<0.295	0.149
1.12	<2	<0.295	0.149
0.87	<2	0.61	0.134
0.92	—	<0.295	0.152
2.51	<2	<0.295	0.161
0.97	—	<0.295	0.043
[redacted]			
1.20	—	<0.295	0.065
0.65	<2	<0.295	0.033
0.78	<2	0.517	0.032
2.03	<2	<0.295	0.044
0.88	<2	0.430	0.035
0.67	<2	0.305	0.024
1.03	—	0.680	0.034
0.78	<2	0.143	0.040

<0.30		<2		0.088		0.088
0.56		<2		0.458		0.100
<0.30		<2		0.323		0.120
0.84		<2		0.484		0.209
0.37		—		0.463		0.128
<0.30		<2		0.398		0.139
<0.30		<2		0.124		0.111
<0.30		<2		0.241		0.078
[redacted]						
0.64		<2		0.379		0.039
—		<2		0.659		0.041
1.77		<2		0.442		0.035
<0.30		<2		0.327		0.023
0.83		<2		0.540		0.055
0.70		<2		0.421		0.082
<0.30		<2		0.030	J-R	0.052
0.31		<2		0.234		0.062
<0.30		<2		0.420		0.093
0.42		<2		0.320		0.109
<0.30		<2		0.334		0.068
1.12		<2		0.311		0.097
0.40		<2		0.307		0.057
0.48		<2		0.483		0.076
<0.30		<2		0.451		0.120
0.49		<2		0.032	J-R	0.068
0.83		<2		0.271		0.119
<0.30		<2		0.298		0.093
0.43		<2		0.450		0.086
1.57		<2		<0.017		0.176
0.41		<2		0.493		0.113
<0.30		<2		0.417		0.105
<0.30		<2		0.667		0.063
[redacted]						
1.07	BJ-QC/FBK/FFBFLS	<2	K	0.555	J-QC/FSL/FMS	0.033
1.26	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.688	J-QC/FMS	0.039
0.75	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.474	J-QC/FFB	0.033
1.41	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.459		0.040
1.53	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.673		0.115
1.34	BJ-QC/FBK/FFBFLS	<2	K	0.861		0.146
0.64	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.068
1.27	B/FBK	<2	K	0.579	J-QC/FFB	0.134
<0.30	KJ-QC/FFD/RPOFLS	<2	K	0.438		0.080
1.16		<2	KJ-QC/FLS	0.037		0.064
0.84	BJ-QC/FBK/FLS	<2	K	0.249		0.036
<0.30	KBJ-QC/FBK/FLS	<2	K	0.158		0.049
1.00		<2	KJ-QC/FLS	0.188		0.052
1.35	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.087
0.59	J-QC/FFD/RPOFLS	<2	K	0.183		0.123
<0.30	KBJ-QC/FBK/FFB	<2	K	0.229		0.062
1.31	BJ-QC/FBK/FFBFLS	<2	K	0.193		0.060

0.78	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.116
1.31	BJ-QC/FBK/FFB	<2	K	0.259	J-QC/FSL	0.051
3.92	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFD/RPOFLS	0.366		0.105
0.85	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.264		0.078
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FLS	0.203		0.067
0.62	BJ-QC/FBK/FFBFLS	<2	K	0.203		0.066
[redacted]						
1.43	BJ-QC/FBK/FFBFLS	<2	K	0.330		0.0218
0.61	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.151		0.0190
1.59	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.453	J-QC/FSL	0.0586
1.64	BJ-QC/FBK/FFBFFDRPO	<2	K	0.513		0.0889
1.33	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.181		0.0688
0.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.387		0.0983
0.67	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.307		0.0815
0.63	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.257		0.106
0.70	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.246		0.0664
1.29	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.317		0.1708
0.52	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.231		0.0508
0.70	BJ-QC/FBK/FFBFLS	—	NAPQNS	0.272		0.0358
0.72	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.443		0.1056
0.42	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.453		0.0615
0.61	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.514		0.0810
0.55	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.294		0.0580
0.75	BJ-QC/FBK/FFB	<2	K	0.445		0.0870
0.62	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.445		0.0690
0.58	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.021	J-R	0.0810
0.61	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.309		0.0761
0.65	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.314		0.0732
0.31	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.383		0.1011
0.44	BJ-QC/FBK/FFBFLSEHT	<2	K	<0.0175	K	0.0558
1.00	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.196		0.0463
[redacted]						
1.59	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0175	K	0.0632
1.65	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.949		0.0325
1.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0293	K	0.0276
1.61	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.466		0.0434
1.97	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.305		—
1.52	BJ-QC/FBK/FFB	<2	K	0.414		0.0487
1.15	BJ-QC/FBK/FFBFLS	<2	K	<0.0293	K	0.0440
1.78	BJ-QC/FBK/FFB	<2	K	0.294		0.1121
0.65	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.174		0.0326
0.77	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.327		0.0572
1.79	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.452		0.0513
1.41	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.359		0.0532
0.58	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.049	J-RJ-QC/FFD/RPO	0.0519
0.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.446	J-QC/FFB	0.0423
1.05	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.523		0.0939
0.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.572		0.0549
1.62	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.327		0.0586
0.35	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.314		0.0541

2.00	BJ-QC/FBK/FFBFLS	<2	K	0.267		0.0455
1.23	BJ-QC/FBK/FFBFFDRPO	<2	K	<0.0293	K	0.0413
1.07	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.059		0.0498
[redacted]						
1.27	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.272		0.0338
1.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.149	J-QC/FSL	0.0368
0.91	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	5		0.606		0.0463
0.94	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.486		0.0828
1.36	BJ-QC/FBK/FFBFFDRPO	<2	K	0.685		0.1202
0.51	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.303	J-QC/FMS	0.0714
1.89	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.319	J-QC/FMS	0.1015
1.10	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.361		0.0553
1.47	BJ-QC/FBK/FFBFLS	<2	K	0.439	J-QC/FMS	0.1367
0.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.256		0.0626
1.19	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.282	J-QC/FMS	0.1028
0.36	BJ-QC/FBK/FFB	<2	K	0.194	J-QC/FMS	0.0519
1.21	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0378	KJ-QC/FSL/FMS	0.0604
<0.30	KBJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.127	J-QC/FSL/FMS	0.0448
0.54	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.354		0.0434
0.64	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.317		0.0672
0.75	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.401	J-QC/FSL	0.0678
0.67	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.259		0.0765
0.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.253		0.0599
0.52	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.280		0.1548
0.47	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.301		0.1824
0.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.148		0.1665
0.44	BJ-QC/FBK/FFBFLS	<2	K	0.417	J-QC/FSL/FMS	0.1420
0.49	BJ-QC/FBK/FFB	3	J-QC/FLS	0.453	J-QC/FMS	0.0934
—	NA	<2	KJ-QC/FLS	0.753	J-QC/FMS	0.0690
—	NA	<2	KJ-HT/EHT	0.260	J-QC/FMS	0.0718
[redacted]						
—	NA	<2	KJ-QC/FMS	0.364	J-QC/LLS/FMS	0.0757
—	NA	<2	KJ-QC/FMS	0.428	J-QC/FMS	0.0289
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.867		0.0646
—	NA	<2	KJ-QC/FMS	0.593	J-QC/FMS	0.0466
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FMS	0.437		0.0557
0.81	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.602		0.0915
1.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.341	J/LLS	0.0715
1.89	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.477	J-QC/FSL/FMS	0.1111
1.77	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.579	J-QC/FMS	0.0650
1.83	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	1.056	J-QC/FMS	0.0901
1.52	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.289	J-QC/LLS/FMS	0.0343
0.78	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.102	J-R/LLS	0.0319
0.73	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	1.133	J-QC/FFD/RPO	0.0982
0.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.157	J-R/LLS	0.0402
0.31	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.211	J-QC/LLS/FSL	0.0571
1.33	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0458
0.79	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.325	J-QC/LLS	0.0453

0.67	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.241	J/LLS	0.0543
1.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.344	J/LLS	0.0536
0.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.675	J-QC/FFD/RPO	0.0534
0.98	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.428		0.0687
0.36	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FMS	0.410		0.0614
1.08	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.434		0.0791
0.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.283	J/LLS	—
0.82	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.457		0.0597
[redacted]						
1.46	BJ-QC/FBK/FFBFMS	<2	K	0.365	J/LLS	0.0422
1.89	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.713	J-QC/FFB	0.0601
1.95	BJ-QC/FBK/FFB	<2	KJ-HT	0.315	J/LLS	0.0417
1.26	BJ-QC/FBK/FFB	<2	K	0.256	J-QC/LLS/FFB	0.0215
1.96	BJ-QC/FBK/FFB	<2	K	0.165	J-QC/LLS	0.0529
0.94	BJ-QC/FBK/FFB	<2	K	0.409	J-QC/FFB	0.0302
1.93	BJ-QC/FBK/FFBFMS	<2	K	0.653	J-QC/FFB	0.1503
0.64	BJ-QC/FBK/FFBFLDRPO	<2	K	0.386	J-QC/LLS/FSL	0.0537
1.18	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	0.222	J-QC/LLS/FFB	0.0894
0.76	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.511	J-QC/FFB	0.0540
0.87	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.613	J-QC/FFB	0.0847
1.73	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0505
0.80	BJ-QC/FBK/FFB	<2	K	<0.0267	K	0.0766
0.34	BJ-QC/FBK/FFBFMS	<2	K	0.056	J/LLS	0.0370
1.52	BJ-QC/FBK/FFBFMS	<2	K	0.396	J/LLS	0.0796
0.58	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0450
0.20	BJ-RJ-QCJ-HT/LLS/FBKFFBFMS	<2	KJ-QC/FLS	0.089	J-QC/LLS/FMS	0.0574
0.57	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0417
1.29	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.033	J-R/LLS	0.0598
0.58	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.134	J-QC/LLS/FFDRPO	0.0442
0.30	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	<0.0267	KJ-QC/FFD/RPO	0.0437
0.69	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.217	J/LLS	0.0481
0.81	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.390	J-QC/LLS/FFBFSL	0.0947
0.68	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	K	<0.0267	K	0.0907
0.94	BJ-QCJ-HT/FBK/FFB	<2	KJ-QCJ-HT	0.271	/LLS/FFBFLDRPOFSL	0.0907
0.58	BJ-QC/FBK/FFBFMS	<2	K	0.662	J-QC	0.1126
0.64	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.526		0.0961
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	0.76	0.170	0.15	—
	0.70	0.192	0.13	—
[redacted]				
	0.54	0.097	0.09	—
	0.74	0.133	0.13	—
	0.72	0.129	0.16	—
	0.47	0.122	0.08	—
	2.14	0.151	0.16	—
	0.56	0.183	0.25	—
	0.81	0.228	0.23	—
	0.82	0.230	0.31	—
	0.66	0.205	0.24	—
	0.71	0.405	0.34	—
	0.61	0.226	0.25	—
	1.01	0.427	0.44	—
	1.05	0.340	0.22	—
	0.52	0.217	0.19	—
	0.58	0.199	0.29	—
	1.07	0.140	0.29	—
	0.58	0.199	0.20	—
	1.13	0.311	0.31	—
	0.98	0.224	—	—
	0.85	0.321	0.32	—
	0.86	0.236	0.20	—
	0.91	0.193	0.12	—
	1.36	0.187	0.16	—
	0.92	0.254	0.24	—
	0.87	0.234	0.23	—
	0.90	0.178	0.16	—
[redacted]				
	0.59	0.109	0.12	—
	1.53	0.386	0.30	—
	0.78	0.100	0.09	—
	0.39	0.087	0.12	—
	0.87	0.156	0.19	—
	0.50	0.177	0.18	—
	0.58	0.134	0.15	—
	1.05	0.254	0.22	—
	0.67	0.170	0.18	—
	1.51	0.204	0.24	—
	0.80	0.212	0.13	—
	0.74	0.271	0.38	—
	0.77	0.293	0.33	—
	0.42	0.406	0.40	—
	2.04	0.320	0.30	—
	0.62	0.324	0.39	—

0.61	0.427	0.42	—
0.62	0.354	0.39	—
0.69	0.332	0.30	—
0.84	—	0.36	—
0.82	0.308	0.38	—
0.92	0.262	0.28	—
0.75	0.281	0.26	—
0.78	0.189	0.26	—
0.67	0.160	0.15	—
[redacted]			
0.45	0.107	0.12	—
0.69	0.126	0.14	—
0.51	0.102	0.19	—
1.20	0.117	0.36	—
0.63	0.134	0.11	—
0.65	0.180	0.19	—
0.91	0.224	0.26	—
0.80	0.162	—	—
0.59	0.163	—	—
0.49	0.132	0.19	—
0.74	0.273	0.26	—
0.76	0.242	0.29	—
0.60	0.290	0.29	—
0.37	0.133	0.26	—
0.90	0.347	—	—
0.37	0.186	0.25	—
0.40	0.285	0.17	—
0.24	0.300	0.31	—
0.62	0.201	0.21	—
1.64	0.193	0.21	—
0.57	0.232	0.23	—
0.71	0.348	—	—
0.68	0.229	—	—
0.53	0.142	—	—
0.63	0.206	—	—
0.63	0.205	0.26	—
0.95	0.257	0.21	—
0.74	0.212	0.27	—
0.95	0.193	0.37	—
0.68	0.103	0.17	—
[redacted]			
0.865	0.202	0.13	—
0.664	0.117	0.15	—
0.522	0.132	0.15	—
0.436	0.145	0.14	—
0.595	0.153	0.12	—
0.598	0.088	0.05	—
0.477	0.154	0.07	—
0.480	0.134	0.09	—

	0.445		0.236		0.19	—
	0.394		0.227		0.20	—
	0.945		0.215		—	—
	0.984		0.26		0.23	—
	0.792		0.20		0.21	—
	0.902		0.23		0.19	—
	0.840		0.19		0.17	—
	0.388		0.16		0.14	—
[redacted]						
	1.25		0.14		0.10	—
	1.00		0.14		0.13	—
	1.02		0.09		0.15	—
	0.509		0.07		0.07	—
	0.557		0.16		0.11	—
	0.810		0.13		0.17	—
	0.572		0.43		0.09	—
	0.726		0.29		0.15	—
	0.963		0.21		0.19	—
	0.653		0.21		0.20	—
	0.587		0.20		0.20	—
	0.560		0.21		0.19	—
	0.293		0.22		0.18	—
	0.572		0.24		0.23	—
	0.287		0.36		0.35	—
	2.13		0.24		0.25	—
	0.585		0.38		0.30	—
	0.424		0.23		0.21	—
	0.401		0.20		0.21	—
	0.785		0.32		0.27	—
	0.677		0.19		0.18	—
	0.982		0.18		0.17	—
	0.744		0.12		0.14	—
[redacted]						
	0.615		0.11	J-QC/FFB	0.07	—
	0.884	J-QC/FLS	<0.05	K	0.11	—
	0.769		0.07		0.08	—
	0.645		0.28	J-QC/FFB	0.10	—
	1.23		0.19		0.17	—
J-QC/FFB	0.997		0.20		0.19	—
	1.00		0.13		0.12	—
	1.21		0.20		0.21	—
	0.690		0.14		0.15	—
	0.532		0.15		0.14	J-QC/FFB —
J-QCJ-HT/FFB/EHT	0.296		0.16		0.12	—
	0.657	J-QC/FFB	0.23		0.17	—
	0.563		0.19		0.17	—
J-QC/FFB	0.542		0.30		0.21	—
	0.652		0.18		0.18	—
	0.704		0.29		0.25	—
	0.993		0.29	J-QC/FFD/RPO	0.24	—

J-QC/FFB	0.743		—	NAP	0.34	J-QC/FFB	—	
J-QC/FFB	0.475		0.18		0.20		—	
	1.02		0.36	J-QC/FFB	0.27		—	
	0.532		0.20	J-QC/FFB	0.15		—	
J-QC/FFB	0.685		0.17		0.14		—	
	0.584		0.14		0.13		—	
[redacted]								
	0.600		0.10		0.11		—	NA
J-QC/FFB	0.583		0.10		0.09		—	NA
	0.950		0.14		0.12		—	NA
	0.654		0.16		0.15		—	NA
	0.595	J-QC/FFB	0.17		0.16		—	NA
	0.892		0.18		0.16		—	NA
	0.588		0.16		0.15		—	NA
	0.661		0.21		0.18		—	NA
J-QC/FFB	0.534		0.20		0.17		—	NA
	0.912		0.28		0.26		—	NA
	0.407		0.15		0.15		—	NA
	0.521		0.23		0.17		—	NA
J-QC/FFB	0.499		0.41		0.30		—	NA
	0.263		0.23		0.21		—	NA
	0.474		0.30		0.29		—	NA
J-QC/FFB	0.425		0.24		0.22		—	NA
J-QC/FFB	0.645		0.28		0.26		—	NA
	0.496	J-QC/FFD/RPO	0.23		0.20		—	NA
J-QC/FFB	0.683		0.24		0.22		—	NA
	0.739		0.24		0.21		—	NA
J-QC/FFB	0.533		0.20		0.16	J-QC/FLS	—	NA
	0.799		0.27	J-QC/FFD/RPO	0.22		—	NA
J-QC/FFB	0.846		0.16		0.14		—	NA
	0.860		0.20	J-QC/FFB	0.13		—	NA
[redacted]								
	1.1700	J-QC/FLS	0.15		0.12		—	NA
J-QC/FFB	0.8930		0.18	J-QC/FFB/FLS	0.09		—	NA
	1.4154		0.23	J-QC/FFD/RPO	0.11		—	NA
	1.7357		0.09		0.08		—	NA
A/LBF	0.3497		0.10		0.09		—	NA
J-QC/FFB	0.5862		0.13		0.08	J-QC/FFB/FFDRPO	—	NA
	0.6790		0.13		0.11		—	NA
J-QC/FFD/RPO	1.1237	J-QC/FFB/FLS	0.16		0.16		—	NA
	0.3088		0.24	J-QC/FFD/RPO	0.10		—	NA
	0.6160	J-QC/FLS	0.30	J-QC/FFD/RPO	0.16		—	NA
J-QC/FFB	0.5754		0.16	J-QC/FFD/RPOFLS	0.17		—	NA
J-QC/FFB	0.6593	J-QC/FLS	0.17		0.12	J-QC/FFB	—	NA
J-QC/FFB	0.5445	J-QC/FLS	0.21		0.20		—	NA
J-QC/FFB	0.2999		0.17	J-QC/FFB	0.17		—	NA
J-QC/FFB	0.7613	J-QC/FFB	0.30		0.34	J-QC/FFB	—	NA
J-QC/FFB	0.4876		0.21	J-QC/FLS	0.20		—	NA
	0.4721	J-QC/FLS	0.06	J-QC/FLS	0.11		—	NA
J-QC/FFB	0.7998		0.11	J-QC/FFB/FLDRPO	0.10		—	NA

J-QC/FFB	0.9084		0.21	J-QC/FFB/FLS	0.13		—	NA
J-QC/FFB	0.5381		0.10	J-QC/FLS	0.09		—	NA
J-QC/FFB	0.9963		0.15		0.10		—	NA
[redacted]								
J-QC/FFB	0.7084		0.09	J-QC/FFD/RPO	0.08	J-QC/FFD/RPO	—	NA
J-QC/FFB	1.0358	J-QC/FFB	0.10		0.10		—	NA
J-QC/FFB	0.8676	J-QC/FLS	0.10		0.08		—	NA
J-QC/FFB	1.2176		0.14		0.12		—	NA
J-QC/FFB	1.6333	J-QC/FFB	0.17		0.13		—	NA
J-QC/FFB	0.5174	J-QC/FFB	0.13		0.11		—	NA
J-QC/FFB	1.2167	J-QC/FLS	0.13		0.12		—	NA
J-QC/FFB	1.1973	J-QC/FFD/RPO	0.11		0.09		—	NA
	0.9905		0.23		0.16		—	NA
J-QC/FFB	0.5995		0.19	J-QC/FFB	0.13		—	NA
J-QC/FFB	0.7882		0.17		0.16	J-QC/FFB	—	NA
J-QC/FFB	0.7639		0.14		0.12		—	NA
	1.0440	J-QC/FLS	0.19		0.19		—	NA
J-QC/FFB	2.3267		0.19		0.18		—	NA
	0.5561		0.20		0.21		—	NA
J-HT/EHT	1.0975	J-QC/FLS	0.26		0.23		—	NA
	0.4873	J-QC/FFB	0.23	J-QC/FLS	0.20	J-QC/FLS	—	NA
	0.6288		0.21	J-QC/FFD/RPO	0.20		—	NA
	0.6183	J-QC/FLS	0.19		0.18		—	NA
	0.6594		0.21		0.17		—	NA
	0.9788		0.18		0.19		—	NA
	0.7863		0.17		0.16		—	NA
J-QC/FFB	1.0994	J-QC/FFB	0.26	J-QC/FLS	0.19		—	NA
	0.7661	J-HT/EHT	0.17		0.18		—	NA
J-QC/FFB	0.8146		0.14		0.13		—	NA
J-QC/FFB	1.1195		0.12		0.11		—	NA
[redacted]								
J-QC/FFB	1.0638	[redacted]	0.15	J-QC	0.12	J-QC/FFD/RPO	—	NA
J-QC/FFB	0.5761		0.10	[redacted]	0.08	[redacted]	—	NA
NA	—	NA	—	NA	—	NA	—	NA
J-HT/EHT	1.0118	J-QC/FFB	0.13	[redacted]	0.12	[redacted]	—	NA
J-QCJ-HT/FFB/EHT	1.1876	J-QC/FFB	0.09	[redacted]	0.08	J-QC/FLD/RPO	—	NA
NA	—	NA	—	NA	—	NA	—	NA
J-QC/FFB	0.4100	[redacted]	0.12	[redacted]	0.10	J-QC/FSL	—	NA
[redacted]	0.9469	J-QC/FFB	0.19		0.17	J-QC	—	NA
J-QC/FFB	0.7207	J-QC/FLS	0.18		0.14	J-QC/FFB	—	NA
J-QC/FFB	0.9138	J-QC/FFB	0.21		0.18	J-QC/FLD/RPO	—	NA
[redacted]	0.4810	[redacted]	0.13		0.15	J-QC/FLD/RPO	—	NA
J-QC/FFB	0.6003		0.20		0.19	J-QC	—	NA
J-QC/FFB	0.4441	CJ-HT/FFD/RPOE	0.12	J-QC/FLD/RPO	0.12	[redacted]	—	NA
J-QC/FFB	0.4011	[redacted]	0.19	[redacted]	0.12	J-QC/FMS	—	NA
J-QC/FFB	0.8302		0.17	J-QC/FSL	0.16	J-QC	—	NA
[redacted]	0.3108	J-QC/FLS	0.13	[redacted]	0.13	[redacted]	—	NA
	1.0393	J-QC/FFB	0.23	J-QC/FFB/FSL	0.18		—	NA
	0.5703	J-QC/FFB	0.17	[redacted]	0.16		—	NA
J-QC/FFB	0.5612	J-QC	0.16		0.16		—	NA

J-QC/FFB	0.7255	[redacted]	0.19	[redacted]	0.20	[redacted]	—	NA
J-QC/FFB	0.5118	[redacted]	0.18	[redacted]	0.17	[redacted]	—	NA
J-QC/FFB	0.5441	[redacted]	0.16	[redacted]	0.16	[redacted]	—	NA
J-QC/FFB	0.7410	[redacted]	0.26	J-QC	0.23	J-QC/FFD/RPO	—	NA
[redacted]	0.6394	[redacted]	0.17	[redacted]	0.18	J-QC	—	NA
[redacted]	0.8202	J-QC/FLS	0.19	[redacted]	0.17	J-QC/FFB	—	NA
A/LBF	0.4691	J-QCJ-HT/EHT	0.15	J-QC/FMS	0.13	[redacted]	—	NA
[redacted]	0.7544	J-QC/FLS	0.15	[redacted]	0.14	[redacted]	—	NA
[redacted]								
	0.9222	J-QC/FFB/FLS	0.12		0.11		—	NA
J-QC/FFB	0.9474		0.12		0.10		—	NA
J-QC/FFB	0.8419		0.10		0.09		—	NA
	0.5589	J-HT	0.09	J-QC	0.07	J-QC	—	NA
J-QC/FFB	0.8606	J-QC/FLS	0.19	J-QC/FFB/FMS	0.15		—	NA
J-QC/FFB	0.4117		0.10	J-QC/FFB/FMS	0.10	J-QC/FFB	—	NA
	1.3721	J-QC/FLS	0.22	J-QC	0.21	J-QC/FFB	—	NA
J-QC/FFB	0.4777		0.11		0.08		—	NA
J-QCJ-HT/FFB	0.6888		0.20		0.14		—	NA
J-QC/FFB	0.5468		0.17		0.13		—	NA
J-QC/FFB	0.7897		0.17		0.17		—	NA
J-QC/FFB	0.5406		0.15		0.14		—	NA
J-QC/FFB	0.7683		0.25	J-QC/FMS	0.23	J-QC/FMS	—	NA
	0.3982		0.16	J-QC/FFB	0.13		—	NA
J-QC/FFB	0.8466		0.25		0.25		—	NA
	0.4155		0.17		0.18		—	NA
	0.4878		0.23		0.23		—	NA
	0.3689		0.17		0.16		—	NA
J-QC/FFB	0.6736	J-HT	0.25		0.23		—	NA
	0.4915		0.23	J-QC/FMS	0.15		—	NA
	0.3559		0.15		0.13		—	NA
	0.4219		0.20	J-QC/FFB	0.19	J-QC	—	NA
J-QC/FFB	1.2153	J-HT	0.26	J-QC/FFB	0.23	J-QC	—	NA
J-QC/FFB	0.6391		0.23		0.21		—	NA
J-QC/FFB	0.5733	J-HT	0.22		0.19		—	NA
J-QC/FFB	1.1830	J-QC/FLS	0.27		0.23		—	NA
J-QC/FFB	1.0116		0.21	J-QC/FMS	0.17		—	NA
[redacted]								

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
2.1	0.00	0.00
4.5	0.00	0.11
[redacted]		
21.0	0.45	0.45
21.0	0.00	0.00
6.0	0.00	0.00
3.0	0.00	0.24
2.9	0.00	0.00
6.7	0.00	0.10
6.7	0.31	0.31
2.8	0.00	0.00
7.8	0.00	0.18
3.1	0.57	0.57
4.6	0.00	0.00
<0.5	0.85	0.85
1.8	0.02	0.02
7.5	0.00	0.00
11.0	0.00	0.45
17.2	0.00	0.00
7.7	0.10	0.10
21.8	0.03	0.03
—	0.00	0.00
5.9	0.00	0.00
0.7	0.00	0.00
8.2	0.00	0.00
5.5	0.78	0.78
3.9	0.00	0.00
4.7	0.00	0.66
4.8	0.00	0.00
[redacted]		
0.6	0.01	0.01
3.7	0.00	0.10
<0.5	0.01	0.14
1.4	0.00	0.00
1.6	0.00	0.09
0.5	0.00	0.00
<0.5	0.00	0.00
1.0	0.00	0.00
—	0.00	0.40
1.1	0.00	0.00
1.5	0.83	0.83
2.3	0.00	0.00
39.1	0.00	0.00
3.8	0.00	0.07
3.8	0.00	0.00
2.6	0.00	0.01

3.6	0.00	0.08	[redacted]
2.8	0.00	0.00	
3.4	0.00	0.00	
2.8	0.01	0.01	
2.2	0.00	0.00	
3.0	0.05	0.05	
1.8	0.00	0.00	
3.4	0.00	0.03	
6.2	0.00	0.00	
[redacted]			
5.2	0.01	0.14	
5.9	0.00	0.00	
4.6	0.00	0.00	
4.1	0.00	0.00	
4.1	0.00	0.00	
4.4	0.00	0.01	
17.6	0.00	0.00	
—	0.00	0.00	
—	0.54	0.93	
2.1	0.00	0.00	
2.4	0.00	0.00	
3.1	0.25	1.44	
2.8	0.33	2.38	
4.2	0.00	0.00	
—	0.36	0.36	
6.4	0.00	0.00	
5.7	0.15	0.15	
5.9	0.00	0.00	
6.1	0.00	0.02	
5.3	0.00	0.00	
5.1	0.62	1.01	
—	0.35	0.35	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
3.3	0.00	0.41	
2.5	0.00	0.00	
3.6	0.00	0.00	
5.6	0.65	0.65	
1.5	0.00	0.00	
[redacted]			
2.0	0.00	0.00	
1.4	0.00	0.00	
0.5	0.02	0.14	
3.7	0.00	0.00	
2.4	0.25	0.25	
1.2	0.17	0.27	
2.2	0.00	0.00	
1.5	0.66	0.66	

3.1		0.03	0.32
1.7		0.00	0.00
1.8		0.05	0.05
6.1		0.00	0.00
5.9		0.00	0.00
5.8		0.00	0.00
6.3		0.00	0.22
3.8		0.08	0.57
[redacted]			
3.3		0.00	0.00
2.2		0.08	0.08
4.7		0.00	0.00
4.9		0.00	0.00
3.4		0.00	0.00
4.0		0.00	0.00
3.3		0.15	0.20
5.4		0.00	0.00
5.3		0.00	0.01
5.7		0.04	0.21
7.5		0.01	0.83
5.0		0.00	0.00
4.6		0.00	0.00
4.9		0.00	0.00
4.1		0.00	1.17
3.5		0.00	0.00
4.0		0.00	0.00
2.9		0.00	0.00
2.9		0.00	0.00
3.5		0.00	0.00
4.7		0.00	0.17
4.4		0.15	0.38
3.7		0.12	1.05
[redacted]			
4.0		0.00	0.00
5.0		0.00	0.00
3.7	J-QC/FFB	0.00	0.15
4.3		0.00	0.00
5.7	J-QC/FFD/RPO	0.54	1.15
6.1		0.00	0.00
4.9		0.00	0.00
6.7		0.00	0.00
3.8		0.00	0.00
—	NAPEFAI/EQF	0.00	0.66
4.5		0.00	0.20
5.3		0.00	0.00
4.1		0.15	1.69
4.7		0.00	1.70
5.7	J-QC/FFB	0.41	0.42
5.3	J-QC/FFB	0.00	0.00
5.2	J-QC/FFB	0.01	0.11

5.3	J-QC/FFB	0.00	0.00
4.2	J-QC/FFB	0.00	0.00
5.2	J-QC/FFB	0.00	0.00
4.2	J-QC/FFB/FFDRPO	0.00	0.00
3.7		0.00	0.00
3.8	J-QC/FFB	0.00	0.00
[redacted]			
6.30	J-QC/FFB	0.00	0.01
3.70		0.00	0.00
4.76		0.03	2.06
4.66		0.00	0.00
4.20		0.01	1.44
4.50	J-QC/FFB	0.00	0.00
4.08	J-QC/FFB	0.00	0.00
4.73	J-QC/FFB	1.11	1.11
3.90	J-QC/FFB	0.00	0.00
5.12	J-QC/FFB	0.00	0.00
3.70		0.00	0.00
3.40	J-QC/FFB	0.00	0.17
4.40	J-QC/FFB	0.05	0.05
3.50	J-QC/FFB	0.00	0.28
3.80	J-QC/FFB	0.00	0.04
4.00	BJ-QC/FBK/FFB	0.00	0.00
4.40	J-QC/FFB	1.24	1.41
3.40	J-QC/FFB	0.34	1.06
3.40	B/FBK	0.00	0.00
3.80	BJ-QC/FBK/FFB	0.00	0.00
3.50	BJ-QC/FBK/FFB	1.05	1.05
2.90		0.00	0.00
4.20	J-QC/FFB	0.00	0.00
4.90		0.00	0.00
[redacted]			
4.7		0.00	0.02
5.5	J-QC/FFB	0.00	0.00
5.1	J-QC/FFB	0.17	2.58
3.7	J-QC/FFB	0.64	1.31
3.6	B/FBK	0.00	0.00
4.0	BJ-QC/FBK/FFB	0.00	0.00
3.9	J-QC/FFB	0.01	2.40
4.7		0.00	0.00
2.5	J-QC/FFB	0.00	0.00
3.0	J-QC/FFB	0.04	0.05
3.8	J-QC/FFB/FFDRPO	0.00	0.00
3.3	J-QC/FFB	0.00	0.00
4.4	J-QC/FFB	0.39	0.39
3.0	J-QC/FFB	0.28	0.29
4.4	J-QC/FFB	0.00	0.12
3.5	J-QC/FFB	0.07	0.07
4.7	J-QC/FFB	0.00	0.00
4.4	J-QC/FFB	0.00	0.00

3.8		0.04	1.03
3.4		0.00	0.00
4.2		0.13	0.16
[redacted]			
3.3		0.00	0.00
5.8	J-QC/FFB	0.00	0.00
3.6	BJ-QC/FBK/FFB	0.00	0.00
2.1	J-QC/FFB	0.00	0.00
2.8	J-QC/FFB	0.62	0.62
2.0	J-QC/FFB	0.27	0.30
2.4	J-QC/FFB	0.73	0.76
2.0		0.20	2.14
3.2	J-QC/FFB	0.00	0.02
2.9	J-QC/FFB	0.09	0.67
3.3	J-QC/FFB	0.93	2.05
2.3	BJ-QC/FBK/FFB	0.00	0.00
3.4		0.00	0.95
4.0	J-QC/FFB	0.00	0.26
4.5	J-QC/FFB/FLS	0.04	0.09
3.0	J-QC/FFB/FFDRPO	0.00	0.00
—	NAPEFAI/EQF	0.00	0.00
3.7	J-QC/FFB/FFDRPO	0.00	0.00
2.2	J-QC/FFB	0.00	0.00
2.0	J-QC/FFB	0.11	0.70
2.7	J-QC/FFD/RPO	0.00	0.06
2.4	J-QC/FFB/FFDFLDRPO	0.00	0.00
2.7		0.00	0.00
2.6		0.35	0.35
4.2	BJ-QC/FBK/FFB	0.46	0.46
2.6	BJ-QC/FBK/FFB	0.03	0.03
[redacted]			
5.23	BJ-QC/FBK/FFB	0.00	0.00
2.90	J-QC/FFB	0.72	0.72
—	NA	0.00	1.33
4.14	BJ-QC/FBK/FFB	0.00	0.00
3.0	J-QC/FFD/RPO	0.00	0.00
—	NA	0.01	0.01
3.2		0.08	1.54
3.2	J-QC/FFD/RPO	0.00	0.00
2.8	J-QC/FFD/RPO	0.35	0.88
5.7		0.00	0.55
3.7	J-QC/FFB/FSL	0.00	0.04
9.3		0.14	0.27
4.2		0.11	0.11
3.1	J-QC/FFB	0.00	0.00
3.4	J-QC/FMS	0.00	0.00
3.4	J-QC/FLD/RPO	0.19	0.19
4.3	J-QC	0.02	0.52
3.8		0.00	0.00
3.2	J-QC	0.40	0.40

3.8	J-QC/FFB	0.00	0.00
3.0	J-QC	0.03	0.03
3.2	J-QC/FSL	0.00	0.00
2.5	J-QC/FLD/RPOFMS	0.52	0.52
2.4	J-QC/FMS	0.00	0.00
2.8	QC/FBK/FFBFLDRPOFSLF	0.00	0.00
2.09	J-QC/FFB/FFDRPO	0.40	0.40
5.24		0.19	0.19
[redacted]			
2.9	J-QC/FMS	0.35	0.35
2.2	J-QC/FMS	0.00	1.44
2.1	J-QC/FMS	0.00	0.00
3.4	J-QC	0.00	0.00
3.7		0.52	0.52
3.4		0.03	0.03
6.6		0.40	0.40
5.6		0.00	0.00
4.5	J-QC/FMS	0.00	2.46
4.2		0.00	0.00
4.8		0.00	0.00
2.2	J-QC/FMS	0.00	0.00
2.1	J-QC/FMS	0.49	0.49
1.3		0.75	0.84
2.0	J-QC/FMS	0.00	0.00
1.8		0.00	0.00
2.8	J-QC	0.00	0.00
1.3	B/FBK	0.55	0.64
4.1		0.00	0.00
1.0	B/FBK	0.00	0.00
2.2		0.00	0.00
2.0		0.00	0.00
4.2	J-QC/FLD/RPO	0.00	0.73
3.7		0.00	0.00
1.4		0.00	0.00
3.5		0.00	0.00
3.1		0.08	0.16
[redacted]			

[redacted]

[redacted]

Station #17 Upper Newark Bay 2	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 2, 2003	12:55	5.82	8.2	9.21
December 16, 2003	11:55	6.90	3.9	10.45
2004				
January 6, 2004	11:25	5.50	5.8	9.93
March 31, 2004	09:40	7.50	8.0	9.08
April 6, 2004	11:00	7.56	6.8	9.91
April 22, 2004	10:40	6.77	11.9	9.57
May 18, 2004	11:10	6.51	19.1	6.71
May 25, 2004	11:00	7.23	19.4	5.94
June 16, 2004	11:30	7.35	24.0	5.00
June 23, 2004	11:20	7.67	20.6	8.34
July 1, 2004	11:58	7.12	22.1	—
July 7, 2004	11:30	7.48	—	—
July 14, 2004	11:34	7.48	23.1	—
July 21, 2004	09:40	7.40	23.50	3.20
July 28, 2004	11:50	7.32	23.20	3.72
August 4, 2004	11:51	7.28	25.88	4.58
August 11, 2004	11:10	7.60	24.34	4.88
August 18, 2004	11:41	7.26	23.62	4.79
August 25, 2004	11:24	7.27	24.34	4.93
September 1, 2004	11:10	7.65	24.30	5.56
September 15, 2004	12:15	7.46	23.22	5.62
September 22, 2004	11:22	7.48	20.75	5.85
September 29, 2004	11:55	6.89	20.60	7.18
October 14, 2004	11:50	—	17.68	6.70
October 26, 2004	09:30	—	13.7	6.91
November 8, 2004	09:50	—	12.7	7.70
November 22, 2004	10:45	7.59	10.52	7.74
December 8, 2004	10:25	7.50	8.32	8.96
December 16, 2004	12:13	—	6.90	12.99
2005				
February 23, 2005	11:10	—	3.23	—
March 21, 2005	11:03	—	4.8	12.52
April 13, 2005	09:46	—	10.77	15.25
May 3, 2005	10:28	7.50	13.56	8.40
May 11, 2005	11:18	7.59	12.61	10.49
May 18, 2005	09:54	7.54	15.81	8.23
May 24, 2005	10:50	7.48	14.55	7.59
June 2, 2005	10:23	7.33	17.12	5.56
June 8, 2005	11:07	7.31	19.77	6.09
June 13, 2005	11:20	7.32	22.54	6.09
June 22, 2005	10:23	7.36	20.49	6.08
July 6, 2005	—	—	—	—
July 28, 2005	10:09	7.39	27.70	4.86
August 3, 2005	09:57	—	25.47	6.52
August 11, 2005	—	—	—	—

August 16, 2005	11:04	7.29	26.99	3.70
August 25, 2005	11:22	—	24.68	4.59
September 8, 2005	—	—	—	—
September 12, 2005	—	—	—	—
September 20, 2005	10:30	7.35	24.30	4.91
September 27, 2005	11:18	7.40	23.22	5.78
October 6, 2005	11:32	7.40	21.16	6.04
October 18, 2005	12:09	—	16.27	8.99
December 21, 2005	11:14	6.71	4.55	11.71
2006				
January 5, 2006	11:18	7.64	5.47	14.52
January 30, 2006	11:05	7.80	5.26	12.96
February 14, 2006	12:01	7.65	3.99	10.86
March 15, 2006	09:38	7.81	6.50	11.19
March 27, 2006	11:18	7.92	6.84	10.16
April 18, 2006	11:12	7.68	11.34	8.97
April 27, 2006	11:27	7.41	13.37	11.62
May 2, 2006	11:21	7.41	13.60	11.44
May 11, 2006	12:11	7.48	14.97	7.90
June 13, 2006	12:07	7.42	18.89	6.70
June 20, 2006	10:58	7.21	22.52	6.97
June 29, 2006	11:18	7.27	23.56	7.64
July 6, 2006	10:27	7.16	23.22	6.19
July 11, 2006	11:29	7.24	21.37	6.68
July 18, 2006	10:19	7.06	25.55	4.12
July 27, 2006	10:32	7.21	24.64	6.21
August 3, 2006	10:11	7.47	27.68	6.76
August 9, 2006	10:47	7.67	24.00	5.95
August 16, 2006	11:14	7.41	23.92	4.59
August 23, 2006	10:33	7.51	24.41	6.30
August 29, 2006	09:42	7.22	23.38	4.39
September 6, 2006	10:46	7.32	21.14	5.38
September 12, 2006	11:37	7.37	21.25	5.04
September 21, 2006	11:10	7.41	20.89	5.62
September 28, 2006	10:54	7.44	20.20	5.94
October 2, 2006	11:22	7.40	19.28	6.22
October 16, 2006	10:58	7.45	16.91	6.20
October 30, 2006	11:55	7.58	12.32	7.65
December 11, 2006	12:08	7.57	7.48	8.93
2007				
January 22, 2007	10:29	7.60	5.25	9.91
February 22, 2007	11:18	7.56	1.61	13.61
March 8, 2007	10:24	7.92	2.05	11.71
March 19, 2007	12:07	7.64	4.09	11.00
April 3, 2007	12:28	7.72	8.12	11.89
May 2, 2007	12:13	7.46	13.12	9.70
May 16, 2007	10:28	7.49	15.65	10.14
Boat engine failure - 5/18/07				
August 22, 2007	12:05	7.33	22.77	4.60
August 30, 2007	10:47	7.35	23.38	5.92

September 10, 2007		10:22	7.43		24.23	7.00
October 3, 2007		11:46	7.36		21.20	5.56
October 15, 2007		11:03	7.36		19.32	6.21
October 29, 2007		11:09	7.32		16.53	6.52
November 14, 2007	A	11:44	—		11.80	8.22
November 14, 2007	B	11:44	—		—	—
November 27, 2007	A	11:47	—		9.39	8.59
November 27, 2007	B	11:47	—		—	—
December 10, 2007		11:25	—		6.33	9.27
2008						
January 7, 2008		11:34	—		4.22	11.64
February 4, 2008		11:20	7.50		4.15	10.06
March 10, 2008		11:13	7.60		5.42	—
April 7, 2008		11:01	7.79		7.68	11.12
May 8, 2008		12:23	7.48		14.60	7.77
May 15, 2008		10:33	7.41		14.46	7.26
May 22, 2008		11:28	7.50		14.01	7.73
June 2, 2008		11:37	7.50		17.18	7.12
June 9, 2008		11:13	7.35		19.51	6.10
June 16, 2008		11:16	7.33		22.74	5.37
June 23, 2008		11:24	7.41		21.61	6.46
July 7, 2008		11:54	7.30		22.31	4.94
July 22, 2008		11:32	7.39		24.49	5.67
August 4, 2008		10:24	7.23		24.46	4.52
August 12, 2008		11:04	7.26		24.53	4.33
August 18, 2008		10:47	7.38		23.56	5.39
August 25, 2008		11:15	7.37		24.63	4.85
September 8, 2008		11:09	7.33		24.58	5.23
September 15, 2008		10:45	7.11		22.80	5.48
September 22, 2008		11:15	6.78		21.29	5.60
October 6, 2008		10:40	—		18.61	4.48
November 6, 2008		10:59	—		13.09	6.60
December 1, 2008		11:15	7.23		7.79	8.05
2009						
January 27, 2009		10:49	7.48		1.87	10.89
February 25, 2009		11:51	7.36		2.86	11.10
March 10, 2009		10:47	7.41		4.30	13.61
April 8, 2009		10:53	7.51		8.29	11.26
May 4, 2009		11:38	7.16		14.33	—
May 19, 2009		10:15	7.14		15.11	—
May 27, 2009		10:44	7.20		16.46	—
June 1, 2009		11:12	7.17		18.11	—
June 8, 2009		12:15	7.25		19.00	—
June 22, 2009		11:01	7.28		19.73	5.75
July 13, 2009		12:24	7.14		21.46	6.38
July 20, 2009		11:33	—	NAPEFAI/EQF	22.73	6.12
July 27, 2009		12:29	—	NAPEFAI/EQF	22.89	5.87
August 3, 2009		10:56	—	NAPEFAI/EQF	24.63	4.89
August 10, 2009		11:32	—	NAPEFAI/EQF	23.25	4.97
August 17, 2009		10:46	—	NAPEFAI/EQF	25.09	—

August 24, 2009		11:38	—	NAPEFAI/EQF	25.78		—
August 31, 2009		11:22	—	NAPEFAI/EQF	23.94		—
September 9, 2009		10:51	—	NAPEFAI/EQF	22.76		—
September 14, 2009		10:42	—	NAPEFAI/EQF	21.36		—
September 21, 2009		10:40	—	NAPEFAI/EQF	—		—
October 6, 2009		11:41	—	NAPEFAI/EQF	18.23		—
November 23, 2009	A	11:55	7.68		11.41		8.83
November 23, 2009	B	11:55	—		—		—
2010							
March 17, 2010		10:26	7.38		6.10		11.75
April 15, 2010		10:27	7.59		11.81		12.88
May 4, 2010		11:37	7.42		16.66		8.75
May 10, 2010		11:17	7.50		14.02		9.32
May 19, 2010		11:17	7.39		13.23		8.09
May 24, 2010		10:46	7.26		16.10		9.33
June 3, 2010	A	10:49	7.42		21.75		6.32
June 3, 2010	B	10:49	—	NA	—	NA	—
June 9, 2010		10:55	7.49		21.06		6.10
June 15, 2010	A	10:41	7.44		20.26		5.92
June 15, 2010	B	10:41	—	NA	—	NA	—
June 21, 2010		11:12	7.34		23.28		5.76
June 29, 2010		10:21	7.65		24.04		7.12
July 12, 2010		10:37	7.63		24.30		6.09
July 19, 2010		10:44	7.28		27.34		4.31
July 26, 2010		10:54	7.48		26.77		10.65
August 2, 2010	A	10:23	7.47		24.40		4.82
August 2, 2010	B	10:23	—	NA	—	NA	—
August 9, 2010		10:57	7.45		24.45		5.43
August 16, 2010		10:44	7.38		24.45		5.23
August 23, 2010		10:36	7.41		24.63		5.15
August 30, 2010	A	10:52	7.40		24.10		5.15
August 30, 2010	B	10:52	—	NA	—	NA	—
September 20, 2010		10:42	7.50		20.45		6.85
September 27, 2010		10:44	7.56		20.89		6.72
October 7, 2010		10:43	7.46		18.46		6.35
November 22, 2010		10:44	7.59		10.58		9.25
December 7, 2010		10:42	7.56		6.74		10.74
2011							
January 3, 2011		11:50	7.68		2.84		11.69
February 14, 2011		10:34	7.81		2.46		15.75
March 7, 2011		11:03	7.49		6.19		17.37
April 13, 2011		10:40	7.33		8.87		10.09
May 2, 2011		11:05	7.35		14.55		8.95
May 9, 2011		11:34	6.84		13.55		9.90
May 19, 2011		11:18	7.34		16.66		7.34
May 26, 2011		10:44	7.21		19.15		7.04
June 6, 2011		12:08	7.55		20.29		8.21
June 13, 2011		10:53	7.28		20.69		7.82
June 20, 2011		11:18	7.11		21.78		5.63
June 29, 2011		10:48	7.36		23.42		5.54

July 25, 2011		10:48	7.49		26.61		6.00
August 1, 2011		10:48	7.48		25.64		4.28
August 8, 2011		11:27	7.32		27.20		4.87
August 18, 2011		10:59	7.32		24.09		4.67
September 13, 2011		11:23	7.48		21.81		7.32
September 26, 2011	A	10:46	7.36		20.51		5.16
September 26, 2011	B	10:46	—	NA	—	NA	—
October 20, 2011	A	11:15	7.63		17.21		7.66
October 20, 2011	B	11:15	—	NA	—	NA	—
November 15, 2011		10:45	7.66		12.16		8.00
2012							
January 9, 2012		11:25	7.77		6.05		10.09
February 6, 2012		11:39	7.68		5.79		10.13
March 5, 2012		11:03	7.76		6.18		10.90
April 16, 2012		11:33	7.60		13.05		8.20
May 1, 2012	A	10:58	7.48		13.28		8.53
May 1, 2012	B	10:58	—	NA	—	NA	—
May 9, 2012		10:56	7.32		14.37		7.45
May 15, 2012	A	10:35	7.42		16.70		7.08
May 15, 2012	B	10:35	—	NA	—	NA	—
May 22, 2012		10:35	7.51		17.62		8.60
May 31, 2012		10:41	7.43		22.01		6.24
June 7, 2012		10:41	—	NAPEFAI/EQF	19.94		4.09
June 13, 2012	A	10:24	—	NAPEFAI/EQF	21.41		3.96
June 13, 2012	B	10:24	—	NA	—	NA	—
June 18, 2012		10:34	—	NAPEFAI/EQF	21.51		3.82
June 26, 2012		10:44	—	NAPEFAI/EQF	23.06		5.24
July 16, 2012	A	10:30	7.62		25.83		6.38
July 16, 2012	B	10:30	—	NA	—	NA	—
July 23, 2012		10:25	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
July 30, 2012		10:11	7.39		25.04		5.10
August 8, 2012		11:28	7.37		26.32		4.95
August 13, 2012	A	11:04	7.41		26.85		5.39
August 13, 2012	B	11:04	—	NA	—	NA	—
August 20, 2012		11:05	7.38		24.16		4.43
September 5, 2012		10:40	7.40		24.83		6.55
September 10, 2012	A	10:59	7.43		24.90		4.96
September 10, 2012	B	10:59	—	NA	—	NA	—
September 17, 2012		10:38	7.51		22.38		5.48
September 26, 2012	A	10:16	7.47		20.32		6.19
September 26, 2012	B	10:16	—	NA	—	NA	—
October 15, 2012		10:20	7.52		16.74		8.11
November 19, 2012		10:20	7.56		9.89		8.71
November 20, 2012		08:27	7.45		9.00		7.84
November 21, 2012	A	08:41	7.44		9.01		8.08
November 21, 2012	B	08:41	—	NA	—	NA	—
November 26, 2012		09:48	7.64		8.17		8.92
December 3, 2012		09:28	7.57		8.08		8.95
2013							
January 7, 2013		10:31	4.19		7.54		12.65

February 7, 2013	A	08:33	7.72	[redacted]	2.12	[redacted]	12.14
February 7, 2013	B	08:33	—	NA	—	NA	—
March 5, 2013	A	09:13	7.71	[redacted]	4.44	[redacted]	11.91
March 5, 2013	B	09:13	—	NA	—	NA	—
April 1, 2013		09:53	7.74	[redacted]	6.48	[redacted]	11.31
May 9, 2013		11:05	7.42	[redacted]	14.87	[redacted]	7.34
May 16, 2013		10:42	7.45	[redacted]	15.58	[redacted]	6.67
May 23, 2013		10:33	7.47	[redacted]	16.27	[redacted]	6.50
June 3, 2013		10:33	7.37	[redacted]	20.47	[redacted]	5.85
June 11, 2013	A	10:48	7.39	[redacted]	19.25	[redacted]	6.14
June 11, 2013	B	10:48	—	NA	—	NA	—
June 17, 2013		11:18	7.48	[redacted]	19.89	[redacted]	6.51
June 24, 2013		11:37	7.56	[redacted]	22.24	[redacted]	6.65
July 8, 2013		11:12	7.64	[redacted]	25.43	[redacted]	6.25
July 15, 2013	A	10:44	7.51	[redacted]	23.92	[redacted]	5.11
July 15, 2013	B	10:44	—	NA	—	NA	—
July 22, 2013		10:42	7.71	[redacted]	25.54	[redacted]	5.82
July 29, 2013		11:19	7.50	[redacted]	24.06	[redacted]	4.90
August 5, 2013		11:29	7.64	[redacted]	22.85	[redacted]	5.34
August 12, 2013	A	11:15	7.67	[redacted]	23.20	[redacted]	5.24
August 12, 2013	B	11:15	—	NA	—	NA	—
August 19, 2013		12:05	7.49	[redacted]	22.47	[redacted]	5.26
August 26, 2013		11:35	7.56	[redacted]	22.67	[redacted]	6.46
September 5, 2013		11:03	7.52	[redacted]	23.04	[redacted]	5.22
September 12, 2013	A	11:02	7.49	[redacted]	22.80	[redacted]	5.69
September 12, 2013	B	11:02	—	NA	—	NA	—
September 18, 2013		10:46	7.55	[redacted]	19.68	[redacted]	5.76
September 26, 2013		10:19	7.44	[redacted]	18.76	[redacted]	6.53
October 7, 2013		11:13	—	NAP	—	NAP	—
November 18, 2013		11:23	7.82	[redacted]	9.92	[redacted]	10.69
2014							
January 14, 2014		11:07	7.33		2.23		11.70
February 6, 2014		11:13	7.21		0.84		10.37
March 11, 2014		11:02	7.49		2.43		13.02
April 14, 2014		11:47	7.70		9.83		11.24
May 8, 2014	A	10:45	7.37		13.11		9.08
May 8, 2014	B	10:45	—	NA	—	NA	—
May 15, 2014		10:20	7.49		13.86		8.66
May 22, 2014		11:08	7.15		16.42		6.73
June 2, 2014		10:50	7.38		16.47		7.40
June 10, 2014	A	10:54	7.24		18.67		5.76
June 10, 2014	B	10:54	—	NA	—	NA	—
June 16, 2014		10:57	7.18		18.95		5.65
June 23, 2014		11:10	7.34		21.45		5.91
July 1, 2014		10:52	7.52		21.90		6.01
July 8, 2014	A	11:11	7.43		22.96		5.44
July 8, 2014	B	11:11	—	NA	—	NA	—
July 14, 2014		11:05	7.50		21.21		8.13
July 21, 2014	A	10:43	7.53		22.78		5.18
July 21, 2014	B	10:43	—	NA	—	NA	—

July 31, 2014		11:22	7.51		22.33		6.36
August 6, 2014		10:40	7.40		23.09		4.87
August 13, 2014		10:24	7.43		22.10		5.88
August 18, 2014		10:24	7.41		21.82		5.02
August 25, 2014	A	10:18	7.48		21.74		5.84
August 25, 2014	B	10:18	—	NA	—	NA	—
September 3, 2014		10:18	7.65		23.66		4.62
September 11, 2014		10:24	—	NAPEFAI/EQF	23.09		5.85
September 17, 2014		10:56	7.46		21.48		5.06
October 1, 2014		10:46	7.46		20.45		6.40
October 6, 2014		10:37	7.51		18.94		6.84
November 19, 2014		11:28	7.55		8.24		9.66
December 3, 2014	A	10:53	7.42		7.54		10.35
December 3, 2014	B	10:53	—	NA	—	NA	—

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	82.7	8.6	3	10
	82.0	6.8	2.5	12
[redacted]				
	96.3	11.9	3	24
	83.6	13.8	6	12
	90.0	15.8	3	22
	95.4	15.9	5	7
	78.9	14.2	4	12
	72.0	18.7	4	18
	57.0	—	5	10
	93.4	—	5	7
	—	—	4	18
	—	—	4	15
	—	—	3	6
	34.0	—	5	34
	44.3	—	2	12
	61.4	15.64	4	14
	64.1	16.15	4	12
	62.4	17.24	4	54
	63.1	12.00	3	17
	74.4	18.99	3.5	17
	72.3	14.28	3	10
	69.0	9.18	3.5	18
	84.6	11.62	3	19
	78.4	18.10	4	20
	73.8	16.7	4	11
	78.6	15.1	3	13
	77.7	17.49	3	16
	81.7	10.83	2.5	16
	115.9	13.02	4	18
[redacted]				
	—	14.28	3	10
	107.5	15.4	5	18
	145.3	7.58	4	5
	87.4	12.82	3	11
	109.7	17.02	4	32
	92.0	16.90	3.5	10
	86.0	23.26	3	20
	66.9	21.16	2	25
	75.5	19.78	5	14
	78.7	19.50	4	15
	77.6	24.03	4.5	8
	—	—	—	14
	68.9	19.53	3	22
	90.1	23.69	3	11
	—	—	—	22

52.0	20.37	2.5	37
63.8	25.61	3	34
—	—	—	14
—	—	—	16
68.5	27.23	—	40
77.6	24.46	—	18
79.3	25.93	5	41
95.5	7.15	3	12
100.9	16.27	3	11
126.5	13.98	4	15
114.4	16.85	3	16
92.2	15.80	2	17
101.3	17.89	—	25
94.9	19.99	3	24
93.3	20.69	3	22
122.7	15.85	4	18
121.9	16.70	2	17
88.9	20.60	3	18
79.7	17.41	2	16
88.2	16.09	3	21
96.4	13.41	—	16
77.6	11.97	—	12
83.5	17.75	—	18
55.0	16.31	—	18
84.5	21.51	—	26
95.0	18.05	—	42
81.0	23.67	3	58
62.1	23.42	2	20
87.2	25.02	3	30
58.2	21.21	4	37
67.0	18.23	3	14
65.8	24.86	4	24
69.6	17.32	4	15
75.0	22.82	4	24
74.8	17.76	4	13
71.7	18.52	4	42
77.3	12.34	1	22
83.7	17.87	4	18
88.4	18.69	2.5	24
116.0	25.80	3	28
97.4	18.71	3	24
95.6	19.21	3	32
110.3	13.66	4	8
97.6	9.59	2	15
115.6	19.60	3	26
59.7	18.67	4	32
79.1	22.52	4	24

	96.1		24.68	5		48	
	72.3		24.07	6		26	
	77.9		24.35	5		52	
	77.9		23.69	5		31	
	88.2		23.40	4		32	
	—		—	—		30	
	85.8		20.85	2		26	
	—		—	—		28	
	86.4		21.20	4		22	
[redacted]							
	99.3		24.87	3		44	
	85.0		14.73	3		18	
	—		—	2		20	
	104.3		17.18	3		31	
	85.3		18.60	3		41	
	77.4		13.67	3		35	
	83.1		16.60	4		36	
	82.8		18.89	3		27	
	76.2		23.76	2		62	
	68.9		17.50	5		12	
	83.6		22.65	5		21	
	65.4		23.17	5		52	
	78.4		25.05	5		14	
	62.0		23.84	3		20	
	58.3		19.83	4		18	
	72.2		22.23	5		19	
	66.0		21.37	3		17	
	68.6		15.74	3		33	
	71.3		20.07	4		18	
	71.7		22.42	4		21	
	54.8		22.34	4		20	
	71.5		20.77	4		18	
	76.9		19.67	3		21	
[redacted]							
	90.1		19.92	3		18	J-QC/FFB
	94.8		20.94	4		48	
	120.7		21.20	5		14	J-QC/FFD/RPO
	106.4		16.34	—	NAP	16	
NAPEFAI/EQF	—	NAPEFAI/EQF	16.06	3		17	
NAPEFAI/EQF	—	NAPEFAI/EQF	15.36	4		38	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	21.20	3		24	
NAPEFAI/EQF	—	NAPEFAI/EQF	17.69	3		22	
NAPEFAI/EQF	—	NAPEFAI/EQF	16.19	4		11	
	67.4		11.65	3		12	
	81.3		20.76	3		34	J-QC/FLD/RPO
	80.1		20.55	3		21	
	76.4		18.99	4		16	
	62.3		12.17	5		11	
	65.2		19.15	5		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	17.97	4		11	

NAPEFAI/EQF	—	NAPEFAI/EQF	19.08		5		30	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	16.12		5		10	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.72		4		15	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	18.96		5		14	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	21.34		6		15	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	24.51		5		15	
	91.9		20.40		5		50	
	—		—		—		39	
[redacted]								
	98.2		5.64		2		14	
	131.0		15.50		5		30	
	96.5		12.31		3		12	
	99.0		15.22		2		42	J-QC/FLD/RPO
	86.7		18.77		2		63	J-QC/FLD/RPO
	104.4		16.21		3		21	
	80.3		19.03		3		48	J-QC/FFB/FFDRPO
NA	—	NA	—	NA	—	NA	30	J-QC/FFB/FFDRPO
	75.7		20.06		2		44	J-QC/FFB
	73.4		21.91		2		54	
NA	—	NA	—	NA	—	NA	42	
	74.4		17.80		3		32	J-QC/FFD/RPO
	96.4		22.74		9		42	J-QC/FFD/RPO
	83.1		23.61		3		65	
	60.1		18.03		2		38	
	148.5		19.33		3		24	
	65.6		23.34		4		48	
NA	—	NA	—	NA	—	NA	44	
	74.4		24.62		2		53	
	72.0		24.67		3		156	J-QC/FFD/FLDRPO
	68.9		17.35		3		37	
	68.9		—	NAPEFAI/EQF	3		36	
NA	—	NA	—	NA	—	NA	44	
	86.6		22.42		3		47	
	86.3		23.90		5		48	
	75.1		17.54		3		18	
	94.6		20.53		4		16	
	97.9		17.41		3		52	
[redacted]								
	99.1		20.71		2		30	
	130.1		17.50		2		18	
	139.1		7.67		4		30	
	97.4		17.69		3		18	
	86.5		7.55		3		8	J-QC/FFD/RPO
	90.2		14.68		5		34	J-QC/FFD/FLDRPO
	80.9		11.73		3		15	
	78.7		5.28		5		23	
	100.7		17.01		2		70	
	79.4		17.58		3		17	
	71.2		17.02		5		46	
	70.4		13.32		4		40	

	83.6		19.87		2		66	
	59.4		22.24		3		20	
	67.8		18.48		3		22	
	60.7		15.89		5		46	
	84.3		1.73		4		6	
	62.1		13.80		4		36	
NA	—	NA	—	NA	—	NA	42	
	85.0		13.67		2		45	
NA	—	NA	—	NA	—	NA	38	
	83.5		18.23		3		57	
[redacted]								
	90.8		16.93		2		40	
	91.2		18.13		3		44	
	98.2		17.60		5		35	J-QC/FLD/RPO
	89.8		22.46		2		58	
	90.7		17.10		2		38	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	38	J-QC/FLD/RPO
	82.8		20.88		1		60	
	81.1		17.83		2		23	
NA	—	NA	—	NA	—	NA	18	
	101.1		18.95		2		18	
	79.1		16.74		4		14	
	50.8		20.64		5		14	
	47.2		15.98		4		11	
NA	—	NA	—	NA	—	NA	14	
	47.6		16.55		4		15	
	67.3		20.15		2		50	
	88.2		21.07		4		24	
NA	—	NA	—	NA	—	NA	20	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	A	19	
	69.3		20.48		3		23	J-QC/FLD/RPO
	70.3		23.53		4		58	
	75.7		20.63		4		50	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	44	J-QC/FLD/RPO
	60.2		23.84		3		28	J-QC/FLD/RPO
	90.6		23.99		2		61	J-QC/FLD/RPO
	67.3		20.40		3		42	
NA	—	NA	—	NA	—	NA	44	
	73.2		25.80		5		69	J-QC/FLD/RPO
	78.7		23.84		3		29	
NA	—	NA	—	NA	—	NA	28	
	97.1		24.92		2		22	J-QC/FLD/RPO
	90.1		24.90		2		—	NA
	77.8		21.53		5		—	NA
	80.8		22.63		3		—	NA
NA	—	NA	—	NA	—	NA	—	NA
	88.9		24.92		3		46	
	88.0		23.10		4		52	
[redacted]								
[redacted]	108.0	[redacted]	15.95		3	[redacted]	42	[redacted]

[redacted]	98.1	[redacted]	15.90		5	[redacted]	48	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	17	J-QC/FFD/FLDRPO
[redacted]	100.9	[redacted]	14.01		2	[redacted]	15	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	17	J-QC/FLD/RPO
[redacted]	104.7	[redacted]	19.86		4	[redacted]	42	[redacted]
	81.6		19.34		2.5		12	
	75.1		19.59		3		15	
	75.0		20.42		2		54	J-QC/FLD/RPO
	69.7		13.20		1		14	J-QC
	72.3		13.56		3		30	[redacted]
NA	—	NA	—	NA	—	NA	28	
[redacted]	74.3	[redacted]	6.85		2	[redacted]	16	[redacted]
	82.9		14.43		3		35	
	82.8		14.10		4		32	J-QC/FFD/RPO
	67.5		20.33		5.5		11	[redacted]
NA	—	NA	—	NA	—	NA	11	
[redacted]	82.2	[redacted]	25.13		4.5	[redacted]	54	J-QC/FFD/FLDRPO
	65.3		20.67		4		50	[redacted]
	69.9		20.58		3		55	J-QC
[redacted]	69.8	[redacted]	22.92		2	[redacted]	50	J-QC
NA	—	NA	—	NA	—	NA	57	J-QC
[redacted]	68.9	[redacted]	21.92		3	[redacted]	25	J-QC/FLD/RPO
	88.1		26.32		2		70	J-QC/FFD/RPO
	69.3		22.60		3		54	[redacted]
	75.6		23.35		3		20	
NA	—	NA	—	NA	—	NA	18	
[redacted]	73.2	[redacted]	25.37		1	[redacted]	45	J-QC/FLD/RPO
[redacted]	80.1	[redacted]	22.72		5	[redacted]	40	[redacted]
NAP	—	NAP	—	NAP	—	NAP	55	
[redacted]	112.4	[redacted]	27.09		3	[redacted]	56	
[redacted]								
	94.4		15.07		2		28	J-QC/FFB
	84.3		21.37		2		53	J-QC
	109.8		20.26		3		47	J-QC/FFD/RPO
	108.3		13.71		2		33	
	90.2		6.94		2		18	
NA	—	NA	—	NA	—	NA	16	
	92.8		16.83		2		36	
	73.4		10.42		1		27	
	85.4		19.36		3		34	
	67.4		14.88		3		26	
NA	—	NA	—	NA	—	NA	27	
	67.8		18.43		1		35	J-QC/FFB/FLDRPO
	73.7		17.25		3		34	J-QC/FFD/FLDRPO
	77.3		21.59		4		31	J-QC/FLD/RPO
	69.2		15.85		3		22	
NA	—	NA	—	NA	—	NA	22	
	100.1		24.37		1		50	
	65.5		14.65		3		30	
NA	—	NA	—	NA	—	NA	28	

	83.4		22.65		5		40	
	63.6		20.23		3		40	J-QC/FFB
	78.4		25.75		4		42	
	64.7		21.99		6		35	
	77.6		26.62		5		38	
NA	—	NA	—	NA	—	NA	38	
	60.2		17.91		5		30	J-QC/FLD/RPO
	78.5		24.24		4		32	J-QC/FLD/RPO
	64.9		21.42		4		38	
	82.6		25.87		5		37	
	86.1		26.54		3		42	
	93.7		20.75		1		45	J-QC
	98.6		20.44		2		50	J-QC
NA	—	NA	—	NA	—	NA	49	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
—	<2	<0.09	0.053
1.20	20	0.47	0.034
[redacted]			
0.80	4	<0.09	0.025
0.95	2	<0.19	0.031
0.08	2	<0.19	0.032
0.05	2	<0.19	0.037
1.04	2	<0.19	0.091
1.16	2	6.44	0.090
0.84	3	<0.19	0.065
0.54	2	<0.19	0.048
<0.60	2	<0.19	0.061
<1.00	<2	<0.19	0.069
2.25	5	<0.19	0.089
2.46	<2	<0.19	0.069
2.33	3	<0.19	0.097
0.98	2	<0.19	0.089
2.14	3	<0.19	0.126
2.74	2	<0.19	0.093
3.25	<2	<0.19	0.088
1.30	<2	<0.19	0.055
1.17	<2	<0.19	0.104
1.24	3	0.29	0.119
0.78	<2	<0.19	0.060
0.68	3	<0.19	0.061
1.02	2	<0.19	0.079
1.04	13	<0.19	0.094
1.92	6	<0.19	0.086
2.31	<2	0.20	0.058
0.90	4	<0.19	0.051
[redacted]			
1.27	4	<0.19	0.026
1.29	6	<0.19	0.036
<1.00	3	<0.19	0.026
1.18	<2	<0.19	0.048
1.02	—	<0.19	0.048
1.21	<2	<0.19	0.073
1.09	7	<0.27	0.060
1.29	5	<0.27	0.111
1.16	<2	<0.27	0.105
1.14	10	<0.27	0.111
0.98	<2	<0.27	0.069
1.17	<2	<0.27	0.069
1.40	<2	<0.27	0.085
1.09	5	<0.27	0.062
0.82	<2	<0.27	0.058

1.20	<2	<0.27	0.072
0.44	<2	<0.27	0.085
0.92	<2	<0.27	0.125
1.01	<2	<0.27	0.105
0.87	4	<0.27	0.109
1.29	4	<0.27	0.132
1.08	4	<0.27	0.130
1.23	4	<0.27	0.064
1.19	<2	<0.27	0.040
[redacted]			
1.11	6	<0.27	0.04
0.92	<2	<0.27	0.023
0.89	6	<0.27	0.035
1.12	<2	0.80	0.049
1.21	<2	<0.27	0.053
0.68	2	<0.295	0.066
1.83	12	<0.295	0.083
1.52	<2	<0.295	0.079
0.96	—	<0.295	0.068
1.43	<2	<0.295	0.051
0.91	<2	<0.295	0.091
0.93	10	<0.295	0.089
1.04	7	<0.295	0.061
0.76	—	<0.295	0.047
1.13	—	<0.295	0.087
1.31	3	<0.295	0.057
1.32	5	<0.295	0.067
0.82	<2	<0.295	0.038
1.49	—	0.37	0.059
1.48	<2	<0.295	0.056
2.15	<2	<0.295	0.081
<1.00	—	<0.295	0.105
0.82	<2	0.67	0.106
0.94	—	<0.295	0.092
0.90	—	<0.295	0.132
0.90	—	<0.295	0.132
0.79	<2	<0.295	0.101
0.92	—	<0.295	0.098
0.85	—	<0.295	0.048
[redacted]			
0.99	—	<0.295	0.031
0.74	<2	2.18	0.041
1.09	<2	<0.295	0.040
1.29	<2	0.296	0.036
0.83	<2	0.241	0.029
0.80	—	0.365	0.028
0.64	<2	0.301	0.049
1.43	<2	0.427	0.093
<0.30	—	0.468	0.094

<0.30		<2		0.068		0.113
0.37		<2		0.321		0.133
0.32		—		0.407		0.125
<0.30		<2		0.386		0.143
<0.30		<2		0.039		0.109
<0.30		<2		0.047		0.107
<0.30		<2		0.493		0.095
<0.30		<2		0.471		0.094
0.69		<2		0.189		0.072
[redacted]						
1.00		<2		0.293		0.035
1.39		<2		0.478		0.032
1.58		<2		0.400		0.035
<0.30		<2		0.370		0.021
0.68		<2		0.468		0.049
0.82		<2		0.417		0.073
0.53		<2		<0.017		0.054
0.30		<2		<0.017		0.053
<0.30		<2		0.393		0.066
0.56		<2		0.361		0.090
<0.30		<2		0.343		0.054
0.96		<2		0.325		0.061
0.38		<2		0.271		0.059
0.48		<2		0.271		0.063
0.79		<2		0.433		0.085
<0.30		<2		0.338		0.054
0.30		<2		0.230		0.098
1.11		<2		0.546		0.108
0.33		<2		0.393		0.078
1.34		<2		0.412		0.111
0.66		<2		0.503		0.124
0.66		<2		0.378		0.088
<0.30		<2		0.569		0.062
[redacted]						
0.48	BJ-QC/FBK/FFBFLS	<2	K	0.606	J-QC/FSL/FMS	0.038
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.652	J-QC/FMS	0.039
1.60	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.555	J-QC/FFB	0.039
1.50	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.485		0.048
1.70	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.376		0.071
1.49	BJ-QC/FBK/FFBFLS	<2	K	0.538		0.101
1.07	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.397		0.074
1.23	B/FBK	<2	K	0.564	J-QC/FFB	0.119
<0.30	KJ-QC/FFD/RPOFLS	3		0.407		0.095
0.95		<2	KJ-QC/FLS	0.266		0.064
<0.30	KBJ-QC/FBK/FLS	<2	K	<0.018	K	0.038
0.75	BJ-QC/FBK/FLS	<2	K	0.102		0.048
0.87		<2	KJ-QC/FLS	0.234		0.057
1.48	BJ-QC/FBK/FFB	<2	K	0.066		0.069
0.79	J-QC/FFD/RPOFLS	<2	K	0.188		0.111
1.07	BJ-QC/FBK/FFB	<2	K	0.234		0.048

0.80	BJ-QC/FBK/FFBFLS	<2	K	0.224		0.057
1.29	BJ-QC/FBK/FFBFLS	3		0.209		0.071
0.52	BJ-QC/FBK/FFB	<2	K	0.244	J-QC/FSL	0.052
3.93	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFD/RPOFLS	0.285		0.074
0.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.018	K	0.075
0.30	BJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FLS	0.239		0.061
0.56	BJ-QC/FBK/FFBFLS	<2	K	0.112		0.066
—	NAPQNS	<2	K	0.112		0.066
[redacted]						
1.35	BJ-QC/FBK/FFBFLS	<2	K	0.325		0.0203
0.71	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.106		0.0207
1.03	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.357	J-QC/FSL	0.0590
1.51	BJ-QC/FBK/FFBFFDRPO	<2	K	0.377		0.0654
0.65	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.966		0.0586
0.78	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.282		0.0707
0.73	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.287		0.0809
0.74	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.272		0.0806
0.55	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.221		0.0753
0.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.211		0.0605
0.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.221		0.0607
0.71	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.312		0.0813
0.57	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.211		0.0532
0.79	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.236		0.0315
0.72	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.332		0.0644
0.46	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.428		0.0727
0.60	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.337		0.0669
0.61	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.372		0.0667
0.53	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.367		0.0598
0.66	BJ-QC/FBK/FFB	<2	K	0.472		0.0748
0.66	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.351		0.0781
0.83	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.388		0.0869
0.73	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.377		0.0868
0.47	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.330		0.0631
0.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.314		0.0723
0.40	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.409		0.1020
0.66	BJ-QC/FBK/FFBFLSEHT	<2	K	0.317		0.0536
1.00	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.211		0.0407
[redacted]						
0.62	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0175	K	0.0496
0.34	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.665		0.0547
1.71	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.340		0.0246
1.57	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.293		0.0317
1.97	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.234		0.0249
0.98	BJ-QC/FBK/FFB	<2	K	0.359		0.0312
1.47	BJ-QC/FBK/FFBFLS	<2	K	0.370		0.0515
1.62	BJ-QC/FBK/FFB	<2	K	<0.0293	K	0.0614
1.24	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0293	K	0.0373
0.47	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.321		0.0436
0.41	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.414		0.0520
1.63	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.419		0.0574

0.87	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.180	J-QC/FFD/RPO	0.0489
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.430	J-QC/FFB	0.0401
0.61	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.539		0.0452
1.31	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.381		0.0623
1.87	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.267		0.0568
1.24	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.314		0.0606
1.31	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.329		0.0610
1.90	BJ-QC/FBK/FFBFLS	<2	K	0.340		0.0412
2.01	BJ-QC/FBK/FFBFLS	<2	K	0.319		0.0413
1.25	BJ-QC/FBK/FFBFFDRPO	<2	K	0.252		0.0419
[redacted]						
1.19	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.262		0.0335
1.19	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.370	J-QC/FSL	0.0303
1.05	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.582		0.0446
0.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.329		0.0611
1.79	BJ-QC/FBK/FFBFFDRPO	<2	K	0.450		0.0765
0.52	BJ-QC/FBK/FFBFFDRPO	<2	K	0.460		0.0766
1.77	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.282	J-QC/FMS	0.0726
1.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.329	J-QC/FMS	0.0859
1.90	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.350	J-QC/FMS	0.0838
0.83	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.397		0.0623
0.67	BJ-QC/FBK/FFBFLS	<2	K	0.288	J-QC/FMS	0.0731
0.74	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.178		0.0615
0.93	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.256	J-QC/FMS	0.0774
1.11	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.251	J-QC/FMS	0.0737
0.92	BJ-QC/FBK/FFB	<2	K	0.220	J-QC/FMS	0.0606
0.50	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.298	J-QC/FSL/FMS	0.0425
0.61	BJ-QC/FBK/FFBFLS	<2	K	0.116	J-QC/FSL/FMS	0.0446
0.64	BJ-QC/FBK/FFBFLS	<2	K	0.127	J-QC/FSL/FMS	0.0446
0.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.370		0.0464
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.285		0.0633
0.72	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.438	J-QC/FSL	0.0698
0.70	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.211		0.0691
0.64	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.222		0.0762
0.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.285		0.0575
0.44	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.269		0.1562
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.211		0.1371
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.195		0.1807
0.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.190		0.1532
0.39	BJ-QC/FBK/FFBFLS	<2	K	0.412	J-QC/FSL/FMS	0.1350
0.37	BJ-QC/FBK/FFBFLS	<2	K	0.428	J-QC/FSL/FMS	0.1365
0.48	BJ-QC/FBK/FFB	3	J-QC/FLS	0.385	J-QC/FMS	0.0923
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FLS	0.453	J-QC/FMS	0.0667
—	NA	<2	KJ-HT/EHT	0.307	J-QC/FMS	0.0598
[redacted]						
—	NA	<2	KJ-QC/FMS	0.416	J-QC/FMS	0.0501

—	NA	<2	KJ-QC/FMS	0.445	J-QC/FMS	0.0308
—	NA	<2	KJ-QC/FMS	0.422	J-QC/FMS	0.0361
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.519		0.0359
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.582		0.0400
—	NA	<2	KJ-QC/FMS	0.399	J-QC/LLS/FMS	0.0316
—	NA	<2	KJ-QC/FMS	0.590		0.0710
1.01	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.511		0.0750
0.87	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.414		0.0684
2.21	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.386	J-QC/LLS/FSLFMS	0.0794
1.84	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.460	J-QC/FMS	0.0674
1.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.448	J-QC/FMS	0.0694
1.84	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.267	J-QC/LLS/FMS	0.0671
1.55	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.295	J-QC/LLS/FMS	0.0414
1.61	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	K	0.0459
0.96	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.609	J-QC/FFD/RPO	0.0550
0.77	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.362	J-QC/LLS/FFDRPC	0.0524
0.58	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	K	0.0399
0.35	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.205	J-QC/LLS/FSL	0.0562
1.20	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.139	J-R/LLS	0.0473
1.14	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP	—	NRP	—
0.96	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP	—	NRP	—
1.14	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.247	J/LLS	0.0481
0.35	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.307	J/LLS	0.0509
0.30	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.313	J-QC/LLS/FFDRPC	0.0534
0.65	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.356	J/LLS	0.0599
0.43	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.338	J/LLS	0.0595
0.46	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FMS	0.398	J/LLS	0.0618
0.88	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.386	J/LLS	0.0750
0.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.187	J/LLS	0.0590
0.66	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.446		0.0626
[redacted]						
1.63	BJ-QC/FBK/FFBFMS	<2	K	0.218	J/LLS	0.0391
1.04	BJ-QCJ-HT/FBK/FFB	<2	K	0.399	J-QC/LLS/FFB	0.0498
1.96	BJ-QC/FBK/FFB	<2	KJ-HT	0.500		0.0375
0.55	BJ-QC/FBK/FFB	<2	K	0.201	J-QC/LLS/FFB	0.0220
1.86	BJ-QC/FBK/FFB	<2	K	0.301	J-QC/LLS	0.0284
1.69	BJ-QC/FBK/FFB	<2	K	0.335	J-QC/LLS	0.0279
1.22	BJ-QC/FBK/FFB	<2	K	0.227	J-QC/LLS/FFB	0.0317
1.69	BJ-QC/FBK/FFBFMS	<2	K	0.517	J-QC/FFB	0.0813
0.69	BJ-QC/FBK/FFBFLDRPO	<2	K	0.364	J-QC/LLS/FSL	0.0511
1.65	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	0.119	J-QC/LLS/FFB	0.0660
0.57	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	0.199	J-QC/LLS/FFB	0.0673
0.90	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.483	J-QC/FFB	0.0504
0.84	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.635	J-QC/FFB	0.0682
1.19	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0437
1.24	BJ-QC/FBK/FFB	<2	K	<0.0267	K	0.0564
1.50	BJ-QC/FBK/FFB	<2	K	<0.0267	K	0.0551
0.69	BJ-QC/FBK/FFBFMS	<2	K	0.117	J/LLS	0.0339
1.19	BJ-QC/FBK/FFBFMS	<2	K	0.541		0.0565
1.20	BJ-QC/FBK/FFBFMS	<2	K	0.485		0.0537

0.42	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.624		0.0566
0.45	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.100	J-QC/LLS/FMS	0.0480
0.25	BJ-RJ-QCJ-HT/LLS/FBKFFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0419
0.41	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	KJ-HT	0.050	J-R/LLS	0.0552
0.52	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	0.284	J-QC/LLS/FFDRPC	0.0502
0.47	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	0.162	J-QC/LLS/FFDRPC	0.0430
0.50	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	<0.0267	KJ-QC/FFD/RPO	0.0655
0.72	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.061	J/LLS	0.0499
0.80	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.249	J-QC/LLS/FFBFSL	0.0781
0.69	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	K	<0.0267	K	0.0828
0.69	BJ-QCJ-HT/FBK/FFB	<2	KJ-QC	0.317	LS/FFBFLDRPOF	0.0919
0.60	BJ-QC/FBK/FFBFMS	<2	K	0.504	J-QC	0.0921
0.58	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.498		0.0696
0.59	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.447		0.0695

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.97	0.203	0.15	0.76
	0.99	0.170	0.08	0.47
	0.87	0.177	0.10	0.48
	0.57	0.123	0.11	6.3
	0.60	0.102	0.11	3.3
	0.65	0.107	0.12	3.1
	1.90	0.159	0.17	4.9
	0.73	0.176	0.19	2.0
	1.19	0.188	0.17	4.4
	0.66	0.140	0.16	1.9
	0.47	0.188	0.20	3.5
	0.54	0.215	0.19	3.5
	0.74	0.274	0.29	5.1
	0.65	0.212	0.23	1.68
	0.83	0.293	0.31	3.36
	0.66	0.231	0.22	3.26
	0.91	0.262	0.25	3.24
	1.02	0.211	0.21	5.09
	1.08	0.251	0.25	3.31
	0.70	0.175	0.17	3.53
	0.68	0.244	0.30	3.68
	0.82	0.310	0.28	4.70
	0.75	0.198	0.25	3.25
	0.62	0.175	0.18	3.87
	0.96	0.191	0.19	2.04
	1.56	0.200	0.22	1.22
	1.39	0.209	0.16	0.72
	0.85	0.143	0.17	1.16
	0.86	0.130	0.12	0.70
	0.67	0.090	0.11	1.42
	1.01	0.124	0.08	19.63
	0.75	0.096	0.15	4.20
	0.94	0.162	0.16	4.22
	0.87	0.139	0.11	2.81
	1.00	0.140	0.15	4.57
	0.81	0.144	0.14	—
	0.88	0.172	0.21	—
	0.75	0.144	0.17	—
	0.99	0.168	0.18	—
	0.50	0.150	0.17	—
	0.53	0.204	0.19	—
	0.67	—	0.35	—
	0.79	0.226	0.22	—
	0.34	0.255	0.30	—

0.58	0.372	0.34	—
0.45	0.269	0.27	—
0.54	0.170	0.21	—
0.91	0.363	0.27	—
0.75	0.250	0.24	—
0.93	0.293	0.29	—
0.80	0.210	0.22	—
0.98	0.175	0.19	—
0.94	0.130	0.15	—
0.89	0.14	0.15	—
0.63	0.099	0.13	—
1.00	0.105	0.12	—
0.68	0.081	0.14	—
0.96	0.103	0.34	—
0.66	0.149	0.13	—
1.06	0.517	0.20	—
0.72	0.137	0.16	—
0.66	0.136	—	—
0.60	0.195	0.14	—
0.68	0.227	0.25	—
0.95	0.239	0.23	—
0.64	0.249	0.25	—
0.73	0.224	—	—
0.80	0.266	—	—
0.26	0.181	0.25	—
0.62	0.247	0.21	—
0.39	0.168	0.15	—
0.74	0.218	0.17	—
1.29	0.180	0.18	—
1.05	0.235	0.24	—
0.81	0.191	0.22	—
0.62	0.189	0.19	—
0.66	0.100	0.19	—
0.88	0.153	0.15	—
0.88	0.137	0.23	—
1.06	0.209	0.21	—
0.87	0.212	0.23	—
1.10	0.130	0.15	—
0.513	0.116	0.12	1.3
0.494	0.122	0.12	2.9
0.623	0.132	0.11	3.2
0.670	0.132	0.10	8.5
0.803	0.089	0.08	108.2
0.545	0.096	0.08	42.6
0.339	0.130	0.09	5.1
0.774	0.282	0.25	5.6
0.620	0.193	—	9.5

	0.931		0.202		—	4.7	
	0.941		0.24		0.18	6.5	
	0.798		0.20		0.21	<3.0	
	0.903		0.23		0.20	<3.0	
	0.827		0.18		0.16	<3.0	
	0.846		0.18		0.16	<3.0	
	0.901		0.19		0.18	3.0	
	0.982		0.20		0.17	<3.0	
	0.949		0.17		0.14	<3.0	
[redacted]							
	0.872		0.10		0.10	<1.1	
	1.24		0.15		0.12	<1.1	
	0.956		0.15		0.09	2.0	J-R
	0.518		0.07		0.07	4.5	
	0.510		0.17		0.10	3.5	J-R
	0.862		0.12		0.17	4.4	J-R
	0.600		0.22		0.10	9.2	
	0.611		0.36		0.13	2.7	J-R
	0.754		0.19		0.15	8.1	
	0.313		0.19		0.18	5.1	
	0.661		0.16		0.16	<2.4	
	0.471		0.19		0.18	<2.4	
	0.292		0.22		0.17	4.5	J-R
	0.484		0.19		0.19	<2.4	
	0.601		0.30		0.29	4.2	J-R
	2.25		0.18		0.19	11.6	
	0.544		0.36		0.27	5.2	
	0.770		0.27		0.27	2.5	J-R
	0.398		0.19		0.21	<2.4	
	0.561		0.22		0.20	8.7	
	1.08		0.20		0.18	7.6	
	0.914		0.17		0.17	4.0	J-R
	0.697		0.13		0.13	7.0	
[redacted]							
	0.755		0.11	J-QC/FFB	0.09	4.0	J-RJ-HT/EHT
	0.689	J-QC/FLS	<0.05	K	0.10	4.0	J-R
	0.625		0.09		0.09	4.0	J-R
	0.733		0.30	J-QC/FFB	0.11	5.9	J-HT/EHT
	0.931		0.16		0.13	2.4	J-R
J-QC/FFB	0.928		0.17		0.17	<2.4	K
	1.03		0.12		0.12	2.1	
	1.11		0.18		0.19	<0.4	K
	0.999		0.17		0.17	<0.4	K
	0.741		0.17		0.15	J-QC/FFB 1.3	J-R
J-QCJ-HT/FFB/EHT	0.311		0.13		0.12	2.1	
	0.699	J-QC/FFB	0.18		0.15	4.3	
	0.693		0.18		0.18	2.1	
J-QC/FFB	0.734		0.24		0.22	1.4	J-RJ-QC/FFD/RPO
	0.467		0.18		0.17	1.9	J-R
	0.694		0.23		0.20	1.5	J-RJ-QC/FFD/RPO

	0.671		0.26	J-QC/FFD/RPO	0.18		3.2	
J-QC/FFB	0.690		—	NAP	0.28	J-QC/FFB	1.7	J-R
J-QC/FFB	0.477		0.17		0.19		5.7	
	1.04		0.21	J-QC/FFB	0.21		0.8	J-R
	0.529		0.19	J-QC/FFB	0.13		1.0	J-R
J-QC/FFB	0.633		0.16		0.14		2.1	J-QC/FFD/RPO
	0.679		0.14		0.14		1.4	J-R
	0.757		0.15		0.14		1.3	J-R
[redacted]								
	0.601		0.10		0.11		3.7	
J-QC/FFB	0.742		0.10		0.09		8.5	
	0.712		0.13		0.12		2.7	
	0.668		0.15		0.13		2.2	J-RJ-QC/FSL
	0.525	J-QC/FFB	0.13		0.13		1.4	J-R
	0.789		0.14		0.14		1.6	J-R
	0.659		0.16		0.14		3.0	J-QC/FFD/RPO
	0.668		0.17		0.13		<1.3	KJ-QC/FFD/RPO
	0.566		0.17		0.13		4.6	
J-QC/FFB	0.377		0.15		0.14		<1.3	K
J-QC/FFB	0.376		0.15		0.13		—	A
	0.836		0.24		0.21		2.1	J-R
	0.380		0.17		0.15		5.5	
	0.474		0.21		0.15		3.4	J-QC/FSL
J-QC/FFB	0.334		0.33		0.29		4.0	J-QC/FSL
	0.403		0.31		0.27		12.1	
	0.469		0.25		0.23		5.6	
	0.411		0.22		0.23		5.2	
J-QC/FFB	0.315		0.22		0.21		9.3	
J-QC/FFB	0.464		0.25		0.23		<1.3	KJ-QC/FSL
	0.955	J-QC/FFD/RPO	0.29		0.25		39.4	
J-QC/FFB	0.692		0.25		0.23		2.3	J-R
J-QC/FFB	0.726		0.23		0.20		2.2	J-R
	1.01		0.22		0.19		2.7	
J-QC/FFB	0.478		0.20		0.15	J-QC/FLS	5.3	
	0.684		0.25	J-QC/FFD/RPO	0.19		<1.3	K
J-QC/FFB	0.860		0.15		0.13		<1.3	K
	0.826		0.18	J-QC/FFB	0.12		<1.3	K
[redacted]								
	1.2200	J-QC/FLS	0.14		0.12		1.7	J-R
J-QC/FFB	0.9450		0.20	J-QC/FFB/FLS	0.10		11.7	
	1.7609		0.24	J-QC/FFD/RPO	0.10		2.6	J-QC/FFD/RPO
	0.7787		0.08		0.07		5.0	
	0.3906		0.14		0.10		4.8	
J-QC/FFB	0.4236		0.11		0.08	J-QC/FFB/FFDRPO	3.2	J-QC/FSL
	0.8100		0.16		0.12		3.8	
J-QC/FFD/RPO	0.8908	J-QC/FFB/FLS	0.13		0.13		4.1	
	0.3929		0.18	J-QC/FFD/RPO	0.11		7.98	
	0.5642	J-QC/FLS	0.15	J-QC/FFD/RPO	0.13		1.7	J-R
J-QC/FFB	0.5749		0.12	J-QC/FFD/RPOFLS	0.13		2.1	
J-QC/FFB	0.5635	J-QC/FLS	0.16		0.14	J-QC/FFB	3.2	

J-QC/FFB	0.6457	J-QC/FLS	0.27		0.21		8.0	
J-QC/FFB	0.2871		0.17	J-QC/FFB	0.17		9.9	
J-QC/FFB	0.6623	J-QC/FFB	0.22		0.25	J-QC/FFB	7.95	
J-QC/FFB	0.6055		0.21	J-QC/FLS	0.20		2.7	
	0.5913	J-QC/FLS	0.07	J-QC/FLS	0.12		3.41	J-QC/FFD/RPO
J-QC/FFB	0.8454		0.12	J-QC/FFB/FLDRPO	0.11		1.79	J-R
J-QC/FFB	0.8351		0.11	J-QC/FFB/FLDRPO	0.10		2.17	
J-QC/FFB	0.7540		0.16	J-QC/FFB/FLS	0.13		1.13	J-R
J-QC/FFB	0.7603		0.13	J-QC/FFB/FLS	0.11		1.05	J-R
J-QC/FFB	0.9976		0.10	J-QC/FLS	0.10		1.24	J-RJ-QC/FFD/RPO
[redacted]								
J-QC/FFB	0.7280		0.09	J-QC/FFD/RPO	0.08	J-QC/FFD/RPO	2.36	
J-QC/FFB	1.0396	J-QC/FFB	0.09		0.10		1.41	
J-QC/FFB	0.9155	J-QC/FLS	0.11		0.08		1.50	J-QC/FFD/RPO
J-QC/FFB	0.9190		0.14		0.12		3.10	
J-QC/FFB	0.6286	J-QC/FFB	0.16		0.14		6.74	J-QC/FSL
J-QC/FFB	0.6012	J-QC/FFB	0.15		0.12		5.98	J-QC/FSL
J-QC/FFB	0.6746	J-QC/FFB	0.12		0.11		3.68	
J-QC/FFB	1.0636	J-QC/FLS	0.13		0.12		12.7	
J-QC/FFB	1.0261	J-QC/FLS	0.13		0.11		11.2	
J-QC/FFB	0.6514	J-QC/FFD/RPO	0.12		0.10		2.36	
	0.7934		0.16		0.12		2.51	
J-QC/FFB	0.5874		0.18	J-QC/FFB	0.12		2.61	J-QC/FSL
J-QC/FFB	0.7433		—	NAPQNS	—	NAPQNS	—	NAPQNS
J-QC/FFB	0.8030		0.14		0.15	J-QC/FFB	7.34	
J-QC/FFB	0.8833		0.15		0.14		23.4	
	0.5816	J-QC/FLS	0.14		0.13		5.60	
J-QC/FFB	1.4244		0.18		0.17		8.07	
J-QC/FFB	1.4162		0.18		0.15		7.40	
	0.5676		0.19		0.18		1.79	
J-HT/EHT	1.0420	J-QC/FLS	0.22		0.20		2.02	
	0.4792	J-QC/FFB	0.19	J-QC/FLS	0.18	J-QC/FLS	4.96	
	0.7540		0.33	J-QC/FFD/RPO	0.20		5.06	J-QC/FFD/RPO
	0.7122		0.22	J-QC/FFD/RPO	0.19		1.71	J-QC/FFD/RPO
	0.5858	J-QC/FLS	0.18		0.16		1.89	
	0.5803		0.19		0.18		1.75	J-QC/FFD/RPO
	1.1345		0.20		0.20		4.52	J-QC/FFD/RPO
	1.1075		0.19		0.18		3.13	J-QC/FFD/RPO
	0.7238		0.17		0.15		1.79	J-QC/FSL
J-QC/FFB	0.9454	J-QC/FFB	0.22	J-QC/FLS	0.18		2.37	J-QC/FSL
J-QC/FFB	0.8999	J-QC/FFB	0.23	J-QC/FLS	0.16		2.03	J-QC/FSL
	0.6894	J-HT/EHT	0.17		0.17		1.36	J-QC/FFD/RPOFSL
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
J-QC/FFB	0.7784		0.14		0.13		1.19	
J-QC/FFB	0.8438		0.13		0.11		<0.234	KJ-QC/FFD/RPO
[redacted]								
J-QC/FFB	0.8954	[redacted]	0.13	J-QC	0.10	J-QC/FFD/RPO	2.09	

J-QC/FFB	0.5508	[redacted]	0.10	[redacted]	0.09	[redacted]	2.01	J-QC/FFD/RPO
J-QC/FFB	0.5508	[redacted]	0.09	[redacted]	0.09	[redacted]	1.45	J-QC/LLS/FFDRPO
J-HT/EHT	0.7016	J-QC/FFB	0.11	[redacted]	0.09	[redacted]	3.23	J-QC/FFD/RPO
J-HT/EHT	0.6818	J-QC/FFB	0.10	[redacted]	0.08	[redacted]	1.38	J-QC/LLS/FFDRPO
J-QCJ-HT/FFB/EHT	0.8287	J-QC/FFB	0.08	[redacted]	0.06	J-QC/FLD/RPO	6.60	J-QC/FFD/RPO
J-QC/FFB	0.6638	[redacted]	0.16	[redacted]	0.14	J-QC/FSL	2.82	J-QC/FFB/FFDRPO
[redacted]	0.9745	J-QC/FFB	0.17	[redacted]	0.15	J-QC	0.471	J/LLS
J-QC/FFB	0.8229	J-QC/FLS	0.16	[redacted]	0.13	J-QC/FFB	1.44	J-QC/LLS/FFDRPO
J-QC/FFB	1.0523	J-QC/FFB	0.17	[redacted]	0.17	J-QC/FLD/RPO	1.30	J-QC/LLS/FFDRPO
[redacted]	0.5721	[redacted]	0.14	[redacted]	0.17	J-QC/FLD/RPO	2.53	
[redacted]	0.5595	[redacted]	0.14	[redacted]	0.15	J-QC/FLD/RPO	3.10	
J-QC/FFB	0.5544	[redacted]	0.19	[redacted]	0.18	J-QC	2.23	
J-QC/FFB	0.5639	CJ-HT/FFD/RPOE	0.14	J-QC/FLD/RPO	0.14	[redacted]	<0.231	KJ-QC/FFD/RPO
J-QC/FFB	0.5753	[redacted]	0.19	[redacted]	0.16	J-QC/FMS	5.49	J-QC/FFB/FFDRPO
J-QC/FFB	0.5022	[redacted]	0.16	J-QC/FSL	0.16	J-QC	1.74	J/LLS
J-QC/FFB	0.4557	[redacted]	0.19	J-QC/FSL	0.18	J-QC	1.36	J/LLS
[redacted]	0.3039	J-QC/FLS	0.18	[redacted]	0.14	[redacted]	3.01	J-QC/FFB/FFDRPO
[redacted]	0.8881	J-QC/FFB	0.21	J-QC/FFB/FSL	0.16	[redacted]	2.95	
[redacted]	0.5963	J-QC/FFB	0.16	[redacted]	0.16	[redacted]	2.94	
NRP	—	NRP	0.16	[redacted]	0.15	[redacted]	2.92	J-QC/FFD/RPO
NRP	—	NRP	0.15	[redacted]	0.15	[redacted]	6.63	J-QC/FFD/RPO
J-QC/FFB	0.6507	[redacted]	0.18	[redacted]	0.15	[redacted]	2.64	
J-QC/FFB	0.4818	[redacted]	0.17	[redacted]	0.16	[redacted]	2.73	J-QC/FFD/RPO
J-QC/FFB	0.6004	[redacted]	0.17	[redacted]	0.15	[redacted]	3.55	J-QC/FFB
J-QC/FFB	0.6750	[redacted]	0.24	J-QC	0.51	J-QC/FFD/RPO	4.15	J-QC/FFB
J-QC/FFB	0.7417	[redacted]	0.20	J-QC	0.13	J-QC/FFD/RPO	4.05	J-QC/FFB
[redacted]	0.6720	[redacted]	0.17	[redacted]	0.17	J-QC	2.60	
[redacted]	0.6762	J-QC/FLS	0.15	[redacted]	0.16	J-QC/FFB	2.93	
J-QC/FFB	0.4153	J-QCJ-HT/EHT	0.15	J-QC/FMS	0.13	[redacted]	2.90	J-QC/FFB
[redacted]	0.7074	J-QC/FLS	0.16	[redacted]	0.14	[redacted]	2.15	
[redacted]								
	0.8587	J-QC/FFB/FLS	0.13		0.12		0.75	J/LLS
J-QC/FFB	0.5812		0.10		0.08		1.65	J/LLS
J-QC/FFB	0.7695		0.09		0.08		4.25	
	0.6514	J-HT	0.10	J-QC	0.07	J-QC	5.05	
J-QC/FFB	0.7581	J-QC/FLS	0.15	J-QC/FFB/FMS	0.11		1.89	J-QC/LLS/FFDRPO
J-QC/FFB	0.7750	J-QC/FLS	0.12	J-QC/FFB/FMS	0.10		2.79	J-QC/FFD/RPO
J-QC/FFB	0.4478		0.11	J-QC/FFB/FMS	0.11	J-QC/FFB	4.04	J-QC
	1.0967	J-QC/FLS	0.17	J-QC	0.16	J-QC/LLS/FFB	8.27	
J-QC/FFB	0.5261		0.12		0.10		3.00	
J-QCJ-HT/FFB	0.5381		0.14		0.12		3.02	
J-QCJ-HT/FFB	0.6511		0.17		0.12		2.83	
J-QC/FFB	0.5313		0.16		0.12		1.78	J/LLS
J-QC/FFB	0.6297		0.15		0.15		3.03	
J-QC/FFB	0.4257		0.13		0.13		1.80	J/LLS
J-QC/FFB	0.7273		0.23	J-QC/FMS	0.20	J-QC/FMS	2.85	
J-QC/FFB	0.7105		0.22	J-QC/FMS	0.18	J-QC/FMS	2.53	
	0.3544		0.14	J-QC/FFB	0.12		2.93	
J-QC/FFB	0.6647		0.20		0.19		2.11	J/LLS
J-QC/FFB	0.7254		0.18		0.19		2.11	J/LLS

	0.3879		0.15		0.15		1.24	-QC/LLS/FFBFFDRP(
	0.5720		0.19		0.19		9.82	
	0.3813		0.16		0.14		11.2	
J-QC/FFB	0.5052	J-HT	0.22		0.19		17.5	
	0.4422		0.16	J-QC/FMS	0.14		9.91	
	0.4565		0.15	J-QC/FMS	0.14		10.3	
	0.6446		0.24		0.20		14.7	
	0.4122		0.19	J-QC/FFB	0.17	J-QC	12.0	
J-QC/FFB	0.7575		0.23	J-QC/FFB	0.20	J-QC	11.1	
J-QC/FFB	0.4798		0.44		0.18		11.3	
J-QC/FFB	0.5529	J-HT	0.22		0.18		6.35	
J-QC/FFB	1.3830	J-QC/FLS	0.27		0.22		1.29	J-QC/LLS/FFDRPO
J-QC/FFB	0.9832		0.21	J-QC/FMS	0.17		1.75	J/LLS
J-QC/FFB	0.9008		0.19	J-QC/FMS	0.15		1.83	J/LLS

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
6.6	0.00	0.01
5.4	0.00	0.11
[redacted]		
19.6	0.00	0.35
3.8	0.45	0.45
10.0	0.00	0.00
8.0	0.00	0.05
<5.0	0.00	0.00
3.9	0.00	0.10
13.4	0.00	0.00
6.1	0.00	0.31
0.6	0.00	0.00
<0.5	0.00	0.00
3.4	0.00	0.57
4.8	0.00	0.00
0.9	0.09	0.94
1.4	0.00	0.02
<0.5	0.39	0.39
6.6	0.00	0.00
7.1	0.00	0.00
4.9	0.00	0.10
11.7	0.00	0.00
5.9	0.00	0.00
2.1	0.53	2.80
<0.5	0.04	0.04
8.0	0.00	0.00
6.3	0.00	0.00
5.2	0.01	0.04
5.7	0.03	0.44
4.5	0.00	0.00
[redacted]		
1.9	0.01	0.01
<0.5	0.01	0.14
1.1	0.00	0.00
1.3	0.00	0.09
<0.5	0.00	0.00
0.9	0.00	0.00
<0.5	0.05	0.05
1.0	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.66	0.66
2.5	0.95	1.78
3.0	0.00	0.04
5.4	0.00	0.00
15.0	0.00	0.00

4.3	0.00	0.08	[redacted]
2.9	0.00	0.00	
2.4	0.00	0.00	
2.4	0.00	0.00	
2.0	0.00	0.00	
2.5	0.00	0.12	
2.3	0.00	0.00	
3.8	0.03	0.03	
6.9	0.00	0.00	
[redacted]			
6.4	0.04	0.04	
5.7	0.01	0.14	
11.6	0.00	0.00	
4.6	0.00	0.03	
3.3	0.00	0.00	
3.7	0.00	0.00	
4.3	0.00	0.00	
4.3	0.00	0.00	
—	0.22	0.22	
1.9	0.00	0.00	
2.6	0.00	0.00	
5.3	0.25	1.44	
3.3	0.33	2.38	
—	0.00	0.00	
—	0.36	0.36	
5.8	0.00	0.00	
6.6	0.15	0.15	
4.8	0.00	0.00	
5.4	0.00	0.02	
5.1	0.00	0.00	
5.8	0.57	1.19	
4.4	0.02	0.37	
11.1	0.00	0.00	
7.5	0.00	0.00	
2.9	0.00	0.00	
3.0	0.00	0.41	
2.1	0.00	0.00	
2.9	0.00	0.00	
1.7	0.00	0.00	
[redacted]			
1.6	0.00	0.00	
2.3	0.24	0.26	
<0.5	0.00	0.06	
2.5	0.25	0.25	
1.9	0.01	0.18	
2.4	0.32	0.74	
1.5	0.66	0.66	
3.1	0.00	1.48	
3.5	0.00	0.00	

1.2		0.05	0.05
5.4		0.00	0.00
5.6		0.00	0.00
5.5		0.00	0.00
6.0		0.00	0.22
5.7		0.00	0.22
5.2		0.01	1.37
5.9		0.01	1.37
3.8		0.08	0.57
[redacted]			
4.2		0.00	0.00
2.3		0.08	0.08
4.4		0.00	0.00
5.1		0.00	0.00
3.6		0.00	0.00
4.2		0.00	0.00
3.5		0.15	0.20
4.4		0.00	0.00
4.5		0.00	0.01
7.5		0.04	0.21
7.4		0.01	0.83
6.1		0.00	0.00
4.7		0.00	0.00
4.8		0.00	0.00
3.7		0.00	1.17
3.4		0.00	0.00
3.6		0.00	0.00
4.2		0.00	0.00
3.1		0.00	0.00
2.8		0.00	0.00
5.5		0.00	0.17
19.3		0.15	0.38
3.6		0.12	1.05
[redacted]			
3.9		0.00	0.00
6.5		0.00	0.00
4.7	J-QC/FFB	0.00	0.15
<0.5	K	0.00	0.00
5.0	J-QC/FFD/RPO	0.54	1.15
6.3		0.00	0.00
5.1		0.00	0.00
6.4		0.00	0.00
4.2		0.00	0.00
—	NAPEFAI/EQF	0.00	0.66
4.6		0.00	0.20
5.0		0.00	0.00
4.6		0.15	1.69
5.5		0.00	1.70
5.5	J-QC/FFB	0.41	0.42
5.3	J-QC/FFB	0.00	0.00

4.7	J-QC/FFB	0.01	0.11
5.1	J-QC/FFB	0.00	0.00
4.2	J-QC/FFB	0.00	0.00
4.9	J-QC/FFB	0.00	0.00
4.0	J-QC/FFB/FFDRPO	0.00	0.00
3.5		0.00	0.00
3.8	J-QC/FFB	0.00	0.00
4.0	J-QC/FFB	0.00	0.00
[redacted]			
7.00	J-QC/FFB	0.00	0.01
3.80		0.00	0.00
4.99		0.03	2.06
4.85		0.00	0.00
4.10		0.01	1.44
4.20	J-QC/FFB	0.00	0.00
4.30	J-QC/FFB	0.00	0.00
4.15	J-QC/FFB	0.00	0.00
4.02	J-QC/FFB	1.11	1.11
3.80	J-QC/FFB	0.00	0.00
3.70	J-QC/FFB	0.00	0.00
4.43	J-QC/FFB	0.00	0.00
3.70		0.00	0.00
3.40	J-QC/FFB	0.00	0.17
4.00	J-QC/FFB	0.05	0.05
3.80	J-QC/FFB	0.00	0.28
3.30	J-QC/FFB	0.00	0.04
3.20	J-QC/FFB	0.00	0.04
3.90	BJ-QC/FBK/FFB	0.00	0.00
3.90	J-QC/FFB	1.24	1.41
3.90	J-QC/FFB	0.34	1.06
3.60	B/FBK	0.00	0.00
3.40	B/FBK	0.00	0.00
3.70	BJ-QC/FBK/FFB	0.00	0.00
3.40	BJ-QC/FBK/FFB	1.05	1.05
3.00		0.00	0.00
4.50	J-QC/FFB	0.00	0.00
4.50		0.00	0.00
[redacted]			
4.5		0.00	0.02
5.4	J-QC/FFB	0.00	0.00
4.7	J-QC/FFB	0.17	2.58
3.2	J-QC/FFB	0.64	1.31
4.4	B/FBK	0.00	0.00
3.6	BJ-QC/FBK/FFB	0.00	0.00
4.3	J-QC/FFB	0.01	2.40
4.9		0.00	0.00
3.2	J-QC/FFB	0.00	0.00
3.2	J-QC/FFB	0.04	0.05
2.9	J-QC/FFB/FFDRPO	0.00	0.00
3.7	J-QC/FFB	0.00	0.00

4.4	J-QC/FFB	0.39	0.39
3.4	J-QC/FFB	0.28	0.29
3.7	J-QC/FFB	0.00	0.12
3.9	J-QC/FFB	0.07	0.07
5.8	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB	0.00	0.00
4.5	J-QC/FFB	0.00	0.00
3.7		0.04	1.03
3.1		0.04	1.03
3.6		0.00	0.00
[redacted]			
4.2		0.00	0.00
3.8	J-QC/FFB	0.00	0.00
0.9	BJ-QC/FBK/FFB	0.00	0.00
2.0	J-QC/FFB	0.00	0.00
2.3	J-QC/FFB	0.62	0.62
2.0	J-QC/FFB	0.62	0.62
1.9	J-QC/FFB	0.27	0.30
2.5	J-QC/FFB	0.73	0.76
2.6	J-QC/FFB	0.73	0.76
2.4		0.20	2.14
2.9	J-QC/FFB	0.00	0.02
3.0	J-QC/FFB	0.09	0.67
—	NAPQNS	0.93	2.05
3.0	J-QC/FFB	0.93	2.05
2.6	BJ-QC/FBK/FFB	0.00	0.00
3.1		0.00	0.95
3.5	J-QC/FFB	0.00	0.26
3.3	J-QC/FFB	0.00	0.26
3.6	J-QC/FFB/FLS	0.04	0.09
2.8	J-QC/FFB/FFDRPO	0.00	0.00
—	NAPEFAI/EQF	0.00	0.00
3.3	J-QC/FFB/FFDRPO	0.00	0.00
2.3	J-QC/FFB/FFDRPO	0.00	0.00
2.4	J-QC/FFB	0.00	0.00
2.0	J-QC/FFB	0.11	0.70
2.5	J-QC/FFD/RPO	0.00	0.06
1.4	J-QC/FFD/RPO	0.00	0.06
2.0	J-QC/FFB/FFDFLDRPO	0.00	0.00
2.3		0.00	0.00
2.4		0.00	0.00
2.7		0.35	0.35
—	NA	0.00	0.00
—	NA	0.00	0.00
—	NA	0.00	0.00
—	NA	0.00	0.00
3.5	BJ-QC/FBK/FFB	0.46	0.46
2.8	BJ-QC/FBK/FFB	0.03	0.03
[redacted]			
4.97	BJ-QC/FBK/FFB	0.00	0.00

3.52	J-QC/FFB	0.72	0.72
3.46	J-QC/FFB	0.72	0.72
3.58	BJ-QC/FBK/FFB	0.00	0.00
3.50	BJ-QC/FBK/FFB	0.00	0.00
2.7	J-QC/FFD/RPO	0.00	0.00
2.9		0.08	1.54
3.0	J-QC/FFD/RPO	0.00	0.00
2.6	J-QC/FFD/RPO	0.35	0.88
5.0		0.00	0.55
4.7	J-QC/FFB/FSL	0.00	0.04
5.8	J-QC/FFB/FSL	0.00	0.04
8.6		0.14	0.27
4.8		0.11	0.11
4.1	J-QC/FFB	0.00	0.00
4.5	J-QC/FMS	0.00	0.00
3.9	J-QC/FMS	0.00	0.00
3.3	J-QC/FLD/RPO	0.19	0.19
3.9	J-QC	0.02	0.52
3.6		0.00	0.00
3.1	J-QC	0.40	0.40
3.4	J-QC	0.40	0.40
3.2	J-QC/FFB	0.00	0.00
2.1	J-QC	0.03	0.03
3.1	J-QC/FSL	0.00	0.00
2.5	J-QC/FLD/RPOFMS	0.52	0.52
2.0	J-QC/FLD/RPOFMS	0.52	0.52
2.9	J-QC/FMS	0.00	0.00
3.6	QC/FBK/FFBFLDRPOFSLF	0.00	0.00
2.94	J-QC/FFB/FFDRPO	0.40	0.40
5.03		0.19	0.19
[redacted]			
3.1	J-QC/FMS	0.35	0.35
1.9	J-QC/FMS	0.00	1.44
2.4	J-QC/FMS	0.00	0.00
3.4	J-QC	0.00	0.00
3.8		0.52	0.52
3.6		0.52	0.52
3.6		0.03	0.03
6.0		0.40	0.40
5.9		0.00	0.00
4.2	J-QC/FMS	0.00	2.46
3.9	J-QC/FMS	0.00	2.46
4.0		0.00	0.00
4.6		0.00	0.00
1.7	J-QC/FMS	0.00	0.00
1.8	J-QC/FMS	0.49	0.49
1.4	J-QC/FMS	0.49	0.49
1.2		0.75	0.84
1.6	J-QC/FMS	0.00	0.00
1.2	J-QC/FMS	0.00	0.00

3.0		0.00	0.00
2.2	J-QC	0.00	0.00
1.8	B/FBK	0.55	0.64
3.6		0.00	0.00
1.3	B/FBK	0.00	0.00
1.7	B/FBK	0.00	0.00
3.0		0.00	0.00
1.4		0.00	0.00
3.7	J-QC/FLD/RPO	0.00	0.73
4.0		0.00	0.00
1.4		0.00	0.00
3.2		0.00	0.00
2.6		0.08	0.16
2.6		0.08	0.16

[redacted]

Station #17 Lower Newark Bay 2	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 2, 2003	01:00	6.89	9.2	8.41
December 16, 2003	11:58	6.60	5.5	8.52
2004				
January 6, 2004	11:30	5.40	6.1	9.67
March 31, 2004	09:45	8.17	7.7	8.94
April 6, 2004	11:05	7.89	6.6	9.75
April 22, 2004	10:45	7.49	11.1	9.54
May 18, 2004	11:15	6.90	17.3	6.81
May 25, 2004	11:05	7.25	18.0	5.94
June 16, 2004	11:35	7.32	24.0	5.60
June 23, 2004	11:25	7.75	20.1	8.87
July 1, 2004	12:00	7.32	20.9	—
July 7, 2004	11:32	—	—	—
July 14, 2004	11:36	7.50	23.0	—
July 21, 2004	09:50	7.45	23.6	—
July 28, 2004	11:55	7.11	—	3.99
August 4, 2004	11:53	7.28	24.82	4.40
August 11, 2004	11:15	8.15	23.04	4.29
August 18, 2004	11:42	7.26	23.02	4.59
August 25, 2004	11:26	7.31	23.50	4.95
September 1, 2004	11:15	7.65	24.03	4.76
September 15, 2004	12:20	7.51	22.97	5.24
September 22, 2004	11:25	7.56	21.06	5.76
September 29, 2004	11:57	6.94	21.06	6.80
October 14, 2004	11:55	—	17.93	6.62
October 26, 2004	09:34	—	14.2	6.94
November 8, 2004	09:53	—	13.2	7.09
November 22, 2004	10:48	7.51	10.54	7.78
December 8, 2004	10:22	7.65	8.35	8.84
December 16, 2004	12:10	—	6.9	12.8
2005				
February 23, 2005	11:05	—	3.11	—
March 21, 2005	11:05	—	4.4	12.59
April 13, 2005	09:50	—	9.68	15.18
May 3, 2005	10:25	7.52	13.18	8.35
May 11, 2005	11:21	7.62	12.09	10.68
May 18, 2005	09:50	7.52	14.91	8.01
May 24, 2005	10:53	7.45	14.41	7.57
June 2, 2005	10:20	7.27	17.12	5.56
June 8, 2005	11:10	7.21	18.56	5.75
June 13, 2005	11:23	7.35	20.34	5.90
June 22, 2005	10:25	7.36	20.31	6.13
July 6, 2005	09:56	7.34	22.56	5.26
July 28, 2005	10:11	7.36	27.36	4.76
August 3, 2005	09:59	—	25.06	6.15
August 11, 2005	—	—	—	—

August 16, 2005	11:06	7.29	26.82	3.86
August 25, 2005	11:24	—	24.50	4.74
September 8, 2005	—	—	—	—
September 12, 2005	—	—	—	—
September 20, 2005	10:32	7.35	24.14	4.92
September 27, 2005	11:20	7.45	22.57	6.15
October 6, 2005	11:35	7.37	20.96	6.13
October 18, 2005	12:11	—	16.45	9.12
December 21, 2005	11:16	6.50	5.56	11.17
2006				
January 5, 2006	11:20	7.73	5.53	14.43
January 30, 2006	11:07	7.75	5.29	12.79
February 14, 2006	12:03	7.58	4.36	10.48
March 15, 2006	09:40	7.57	6.31	10.43
March 27, 2006	11:20	8.06	6.76	10.31
April 18, 2006	11:14	7.68	11.13	8.87
April 27, 2006	11:29	7.47	13.14	11.48
May 2, 2006	11:23	7.47	13.19	11.29
May 11, 2006	12:13	7.52	14.50	7.85
June 13, 2006	12:09	7.52	17.78	6.88
June 20, 2006	11:00	7.23	21.90	7.10
June 29, 2006	11:20	7.26	21.63	7.77
July 6, 2006	10:29	7.15	22.06	6.19
July 11, 2006	11:31	7.37	20.03	6.65
July 18, 2006	10:21	7.11	23.81	4.62
July 27, 2006	10:34	7.20	24.44	6.29
August 3, 2006	10:13	7.42	26.36	5.86
August 9, 2006	10:49	7.71	23.60	5.82
August 16, 2006	11:16	7.40	23.69	4.63
August 23, 2006	10:35	7.48	24.14	5.91
August 29, 2006	09:44	7.13	23.18	4.73
September 6, 2006	10:48	7.29	21.17	5.31
September 12, 2006	11:39	7.32	21.24	5.07
September 21, 2006	11:12	7.35	21.22	5.34
September 28, 2006	10:56	7.44	20.11	5.80
October 2, 2006	11:24	7.43	19.33	5.61
October 16, 2006	11:00	7.42	17.15	6.11
October 30, 2006	11:57	7.49	13.31	6.85
December 11, 2006	12:10	7.54	8.43	8.33
2007				
January 22, 2007	10:31	7.51	5.36	9.70
February 22, 2007	11:20	7.84	1.68	13.48
March 8, 2007	10:26	7.97	2.39	11.21
March 19, 2007	12:09	7.74	3.83	11.49
April 3, 2007	12:30	7.93	6.49	11.71
May 2, 2007	12:15	7.51	11.81	9.55
May 16, 2007	10:30	7.52	15.32	10.29
Boat engine failure - 5/18/07				
August 22, 2007	12:03	7.34	22.54	5.04
August 30, 2007	10:45	7.40	22.97	5.81

September 10, 2007	10:20	7.44		23.72	6.63
October 3, 2007	11:44	7.37		21.05	5.54
October 15, 2007	11:01	7.34		19.21	6.13
October 29, 2007	11:06	7.18		16.65	6.39
November 14, 2007	11:46	—		11.65	8.15
November 27, 2007	11:45	—		9.44	8.68
December 10, 2007	11:23	—		6.51	9.26
2008					
January 7, 2008	11:32	—		4.84	10.65
February 4, 2008	11:18	7.64		4.19	10.26
March 10, 2008	11:10	7.55		5.50	—
April 7, 2008	10:58	7.81		7.63	11.15
May 8, 2008	12:19	7.56		14.29	7.67
May 15, 2008	10:31	7.51		13.95	7.78
May 22, 2008	11:26	7.51		13.93	7.59
June 2, 2008	11:33	7.55		16.70	7.27
June 9, 2008	11:11	7.49		18.45	6.39
June 16, 2008	11:14	7.39		21.02	5.28
June 23, 2008	11:22	7.44		21.35	6.48
July 7, 2008	11:48	7.35		21.98	5.04
July 22, 2008	11:30	7.42		24.15	5.57
August 4, 2008	10:21	7.26		24.17	4.66
August 12, 2008	11:02	7.26		24.14	4.50
August 18, 2008	10:45	7.40		23.14	5.43
August 25, 2008	11:13	7.42		23.89	5.29
September 8, 2008	11:07	7.32		24.55	5.57
September 15, 2008	10:43	7.15		22.58	5.59
September 22, 2008	11:13	6.70		21.06	5.15
October 6, 2008	10:39	—		18.86	4.37
November 6, 2008	10:54	—		12.94	6.52
December 1, 2008	11:12	7.29		7.74	8.05
2009					
January 27, 2009	10:47	7.32		2.10	11.06
February 25, 2009	11:48	7.39		2.83	11.06
March 10, 2009	10:45	7.42		4.07	13.69
April 8, 2009	10:51	7.43		7.96	11.07
May 4, 2009	11:36	7.16		13.79	—
May 19, 2009	10:13	7.12		14.76	—
May 27, 2009	10:42	7.17		16.28	—
June 1, 2009	11:10	7.12		17.75	—
June 8, 2009	12:13	7.27		18.42	—
June 22, 2009	10:59	7.31		19.54	5.58
July 13, 2009	12:22	7.12		21.13	6.22
July 20, 2009	11:31	—	NAPEFAI/EQF	22.17	5.98
July 27, 2009	12:27	—	NAPEFAI/EQF	22.75	5.87
August 3, 2009	10:53	—	NAPEFAI/EQF	24.36	4.74
August 10, 2009	11:30	—	NAPEFAI/EQF	22.83	4.90
August 17, 2009	10:44	—	NAPEFAI/EQF	24.60	—
August 24, 2009	11:33	—	NAPEFAI/EQF	25.35	—
August 31, 2009	11:19	—	NAPEFAI/EQF	23.95	—

September 9, 2009	10:49	—	NAPEFAI/EQF	22.75	—
September 14, 2009	10:41	—	NAPEFAI/EQF	21.30	—
September 21, 2009	10:39	—	NAPEFAI/EQF	—	—
October 6, 2009	11:40	—	NAPEFAI/EQF	18.10	—
November 23, 2009	11:52	7.68		11.49	8.78
2010					
March 17, 2010	10:24	7.53		6.00	11.14
April 15, 2010	10:23	7.65		10.43	13.20
May 4, 2010	11:35	7.57		13.62	9.46
May 10, 2010	11:15	7.48		13.33	10.16
May 19, 2010	11:15	7.39		13.02	8.52
May 24, 2010	10:43	7.30		15.77	9.85
June 3, 2010	10:45	7.40		20.21	6.76
June 9, 2010	10:52	7.46		20.60	6.29
June 15, 2010	10:38	7.45		19.84	6.40
June 21, 2010	11:10	7.35		22.59	6.23
June 29, 2010	10:19	7.67		23.79	7.07
July 12, 2010	10:35	7.63		23.45	6.60
July 19, 2010	10:42	7.22		25.90	5.34
July 26, 2010	10:51	7.27		25.53	10.49
August 2, 2010	10:21	7.45		24.12	4.77
August 9, 2010	11:00	7.48		25.20	5.85
August 16, 2010	10:40	7.38		24.15	5.35
August 23, 2010	10:33	7.40		24.77	4.97
August 30, 2010	10:50	7.40		23.65	5.09
September 20, 2010	10:39	7.44		20.36	7.12
September 27, 2010	10:43	7.53		20.67	7.33
October 7, 2010	10:41	7.43		18.45	6.33
November 22, 2010	10:41	7.65		10.52	9.34
December 7, 2010	10:45	7.57		7.08	10.53
2011					
January 3, 2011	11:45	7.54		2.47	11.73
February 14, 2011	10:30	7.79		2.83	16.35
March 7, 2011	11:00	7.45		5.24	13.52
April 13, 2011	10:37	7.37		8.82	10.73
May 2, 2011	11:02	7.26		12.45	8.20
May 9, 2011	11:31	6.85		12.61	8.50
May 19, 2011	11:15	7.40		15.00	7.74
May 26, 2011	10:41	7.20		18.13	6.41
June 6, 2011	12:05	7.42		17.41	8.16
June 13, 2011	10:50	7.21		19.94	—
June 20, 2011	11:15	7.11		21.12	5.83
June 29, 2011	10:45	7.38		22.51	5.40
July 25, 2011	10:45	7.44		26.08	5.49
August 1, 2011	10:45	7.44		24.62	4.44
August 8, 2011	11:24	7.31		26.03	4.74
August 18, 2011	10:55	7.20		23.97	5.53
September 13, 2011	11:20	7.12		21.19	5.40
September 26, 2011	10:44	7.44		20.19	5.57
October 20, 2011	11:13	7.54		17.22	7.30

November 15, 2011	10:43	7.64		12.15	7.87
2012					
January 9, 2012	11:23	7.68		7.25	9.49
February 6, 2012	11:35	7.69		5.95	9.86
March 5, 2012	10:58	7.68		6.14	10.45
April 16, 2012	11:31	7.68		12.17	8.22
May 1, 2012	10:55	7.45		13.11	8.28
May 9, 2012	10:54	7.32		13.91	7.51
May 15, 2012	10:32	7.40		16.42	7.06
May 22, 2012	10:31	7.48		16.97	8.66
May 31, 2012	10:38	7.40		21.66	6.24
June 7, 2012	10:38	—	NAPEFAI/EQF	19.50	4.14
June 13, 2012	10:20	—	NAPEFAI/EQF	21.14	3.82
June 18, 2012	10:30	—	NAPEFAI/EQF	21.10	3.62
June 26, 2012	10:40	—	NAPEFAI/EQF	22.75	3.57
July 16, 2012	10:26	7.63		24.85	6.20
July 23, 2012	10:21	7.35		23.95	5.22
July 30, 2012	10:08	7.40		24.66	5.07
August 8, 2012	11:24	7.36		25.85	5.88
August 13, 2012	11:00	7.34		25.97	4.90
August 20, 2012	11:00	7.31		24.02	4.52
September 5, 2012	10:36	7.41		24.72	6.32
September 10, 2012	10:55	7.40		24.63	4.72
September 17, 2012	10:35	7.47		22.11	5.26
September 26, 2012	10:14	7.44		20.37	6.11
October 15, 2012	10:17	7.55		16.69	7.95
November 19, 2012	10:18	7.49		9.92	8.92
November 20, 2012	08:25	7.31		9.20	7.82
November 21, 2012	08:38	7.33		9.33	7.96
November 26, 2012	09:46	7.60		8.28	8.84
December 3, 2012	09:25	7.59		8.12	8.96
2013					
January 7, 2013	10:29	4.41	[redacted]	7.53	12.36
February 7, 2013	08:30	7.63	[redacted]	3.23	11.34
March 5, 2013	09:10	7.64	[redacted]	4.42	11.52
April 1, 2013	09:50	7.72	[redacted]	6.12	11.25
May 9, 2013	11:02	7.37	[redacted]	14.21	7.59
May 16, 2013	10:40	7.41	[redacted]	14.69	6.92
May 23, 2013	10:36	7.49	[redacted]	15.98	6.47
June 3, 2013	10:30	7.37	[redacted]	19.40	6.33
June 11, 2013	10:44	7.41	[redacted]	17.10	5.80
June 17, 2013	11:15	7.51	[redacted]	19.68	6.14
June 24, 2013	11:33	7.64	[redacted]	20.22	6.48
July 8, 2013	11:08	7.60	[redacted]	20.36	5.57
July 15, 2013	10:41	7.54	[redacted]	21.73	4.89
July 22, 2013	10:40	7.69	[redacted]	25.06	5.45
July 29, 2013	11:15	7.48	[redacted]	23.93	5.03
August 5, 2013	11:24	7.44	[redacted]	22.28	5.36
August 12, 2013	11:12	7.65	[redacted]	23.12	5.31
August 19, 2013	12:00	7.46	[redacted]	22.30	5.24

August 26, 2013	11:30	7.56	[redacted]	22.45		6.49
September 5, 2013	11:01	7.46		22.69		4.80
September 12, 2013	11:00	7.51		21.74		5.47
September 18, 2013	10:43	7.46		19.60		5.67
September 26, 2013	10:16	7.39		18.70		6.55
October 7, 2013	11:11	—	NAP	—	NAP	—
November 18, 2013	11:19	7.84	[redacted]	9.90		10.67
2014						
January 14, 2014	11:05	7.28		2.42		11.18
February 6, 2014	11:10	7.07		1.06		10.07
March 11, 2014	11:00	7.60		2.13		13.05
April 14, 2014	11:46	7.80		9.26		11.42
May 8, 2014	10:43	7.15		11.73		8.31
May 15, 2014	10:16	7.54		12.66		9.58
May 22, 2014	11:04	7.04		15.21		6.63
June 2, 2014	10:47	7.43		15.52		7.48
June 10, 2014	10:50	7.23		17.06		6.68
June 16, 2014	10:55	7.18		18.50		5.93
June 23, 2014	11:07	7.36		20.68		5.95
July 1, 2014	10:49	7.53		21.54		5.90
July 8, 2014	11:08	7.47		22.61		5.33
July 14, 2014	11:00	7.53		20.65		7.02
July 21, 2014	10:41	7.55		22.33		5.10
July 31, 2014	11:18	7.49		21.99		6.08
August 6, 2014	10:36	7.37		25.57		5.01
August 13, 2014	10:21	7.43		22.08		5.90
August 18, 2014	10:20	7.36		21.53		5.02
August 25, 2014	10:15	7.49		21.39		5.96
September 3, 2014	10:15	7.66		23.84		4.54
September 11, 2014	10:22	—	NAPEFAI/EQF	23.08		5.39
September 17, 2014	10:54	7.42		21.40		5.18
October 1, 2014	10:44	7.41		20.54		6.51
October 6, 2014	10:33	7.43		18.87		7.11
November 19, 2014	11:23	7.24		8.22		9.94
December 3, 2014	10:50	7.40		7.62		10.45
[redacted]						

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	78.9	12.5	—	117
	75.9	15.5	—	33
[redacted]				
	95.5	16.4	—	32
	85.2	16.5	—	11
	84.8	11.9	—	32
	97.5	18.5	—	18
	78.8	18.4	—	11
	71.7	22.2	—	20
	—	—	—	17
	97.2	—	—	15
	—	—	—	14
	—	—	—	25
	—	—	—	16
	—	—	—	42
	46.7	—	—	18
	59.2	18.55	—	22
	56.5	21.61	—	16
	59.9	19.54	—	78
	64.4	16.66	—	16
	63.7	19.33	—	20
	67.7	17.94	—	18
	69.2	11.89	—	32
	82.9	13.95	—	18
	79.2	21.20	—	18
	76.2	18.9	—	18
	77.3	20.2	—	18
	78.8	19.40	—	24
	81.4	12.62	—	25
	114.1	13.4	—	34
[redacted]				
	—	18.68	—	12
	109.7	16.7	—	20
	143.0	10.57	—	17
	87.2	14.16	—	28
	110.9	17.81	—	28
	89.4	19.56	—	21
	86.1	23.90	—	38
	66.3	23.31	—	33
	69.9	21.47	—	29
	74.4	22.38	—	66
	78.2	24.23	—	20
	70.9	26.53	—	18
	67.2	20.15	—	31
	85.6	24.47	—	16
	—	—	—	39

54.3	21.13	—	41
65.6	26.29	—	54
—	—	—	14
—	—	—	15
68.8	27.64	—	35
83.5	27.94	—	26
80.0	26.36	—	46
97.7	8.30	—	12
102.0	21.10	—	16
[redacted]			
128.0	16.72	—	18
115.7	20.58	—	21
92.7	20.97	—	39
96.9	21.29	—	25
96.3	20.05	—	29
92.2	21.11	—	28
120.7	16.72	—	18
120.8	18.52	—	31
88.6	22.77	—	30
82.0	20.90	—	22
89.4	17.63	—	18
97.7	17.62	—	26
77.0	14.39	—	22
82.0	20.27	—	23
60.7	18.87	—	33
85.5	22.51	—	30
81.5	18.82	—	59
78.8	24.17	—	99
62.8	24.53	—	54
81.7	25.62	—	32
64.1	25.54	—	56
67.7	21.69	—	24
66.2	25.50	—	22
68.4	22.06	—	22
74.1	25.24	—	20
70.2	24.16	—	22
73.8	25.02	—	49
73.5	18.75	—	32
82.6	23.04	—	20
[redacted]			
87.1	19.30	—	62
115.9	26.53	—	38
94.9	21.31	—	26
99.3	20.66	—	42
107.2	18.15	—	24
96.1	14.11	—	20
115.5	19.92	—	32
64.4	18.93	—	56
77.4	23.54	—	28

	90.4		25.80	—	50	
	72.0		24.95	—	43	
	76.7		24.41	—	47	
	76.2		24.58	—	26	
	87.0		23.99	—	28	
	86.9		21.23	—	34	
	87.3		22.20	—	18	
	97.1		23.51	—	52	
	88.4		17.15	—	36	
	—		—	—	26	
	104.6		17.57	—	28	
	84.2		18.78	—	24	
	83.6		17.09	—	24	
	82.1		17.73	—	42	
	84.4		20.45	—	88	
	79.2		25.02	—	94	
	74.1		21.46	—	8	
	83.7		23.30	—	18	
	66.2		23.74	—	64	
	76.6		25.61	—	24	
	63.8		24.34	—	28	
	60.9		22.46	—	20	
	72.3		22.78	—	22	
	71.3		22.54	—	16	
	74.0		18.80	—	58	
	72.5		20.33	—	16	
	65.9		23.63	—	24	
	54.2		24.02	—	19	
	71.0		22.56	—	13	
	77.0		19.91	—	33	
	92.6		21.36	—	25	J-QC/FFB
	94.9		22.05	—	71	
	121.9		22.81	—	20	J-QC/FFD/RPO
	105.5		18.87	—	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	17.98	—	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	17.33	—	50	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	21.82	—	40	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.42	—	26	
NAPEFAI/EQF	—	NAPEFAI/EQF	18.41	—	16	
	66.4		15.31	—	21	
	79.1		21.28	—	53	J-QC/FLD/RPO
	78.0		22.32	—	26	
	76.4		20.03	—	26	
	62.6		18.67	—	48	
	64.1		20.56	—	20	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.65	—	24	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.00	—	22	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	18.00	—	14	

NAPEFAI/EQF	—	NAPEFAI/EQF	23.34		—	52	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	20.36		—	19	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	21.81		—	8	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	25.03		—	24	
	92.1		21.43		—	60	
[redacted]							
	97.4		13.29		—	NA 30	
	132.3		18.03		—	NA 54	
	101.1		18.07		—	NA 34	
	105.1		14.69		—	NA 31	J-QC/FLD/RPO
	90.5		19.83		—	NA 47	J-QC/FLD/RPO
	109.2		17.38		—	NA 40	
	83.2		21.66		—	NA 60	J-QC/FFB/FFDRPO
	78.8		21.98		—	NA 32	J-QC/FFB
	79.1		22.51		—	NA 50	
	80.1		19.00		—	NA 47	J-QC/FFD/RPO
	95.5		23.04		—	NA 51	J-QC/FFD/RPO
	87.6		24.12		—	NA 48	
	70.2		20.33		—	NA 49	
	134.7		23.02		—	NA 57	
	64.9		24.08		—	NA 72	
	81.5		23.94		—	NA 57	
	71.5		25.59		—	NA 133	J-QC/FFD/FLDRPO
	68.5		23.65		—	NA 48	
	67.8		—	NAPEFAI/EQF	—	NA 47	
	89.9		22.89		—	NA 54	
	92.5		23.90		—	NA 64	
	74.9		17.69		—	NA 18	
	95.6		21.07		—	NA 26	
	96.6		16.67		—	NA 44	
[redacted]							
	97.3		21.47		—	NA 27	
	134.4		18.29		—	NA 18	
	114.6		12.09		—	NA 38	
	103.8		17.94		—	NA 19	
	85.2		17.03		—	NA 22	J-QC/FFD/RPO
	88.1		16.08		—	NA 28	J-QC/FFD/FLDRPO
	83.5		16.75		—	NA 24	
	71.3		8.92		—	NA 35	
	95.1		20.60		—	NA 92	
A	—	A	19.43		—	NA 25	
	73.2		18.80		—	NA 68	
	68.8		17.24		—	NA 68	
	76.4		21.03		—	NA 70	
	60.7		23.05		—	NA 27	
	65.6		20.55		—	NA 24	
	54.6		19.48		—	NA 56	
	64.3		11.25		—	NA 14	
	68.0		17.78		—	NA 38	
	82.5		13.71		—	NA 44	

	83.2	20.38	—	NA	76	
[redacted]						
	90.5	21.39	—	NA	52	
	91.0	21.07	—	NA	58	
	96.2	19.90	—	NA	54	J-QC/FLD/RPO
	89.3	24.48	—	NA	64	
	91.7	19.83	—	NA	58	J-QC/FLD/RPO
	83.6	22.37	—	NA	80	
	80.6	18.95	—	NA	26	
	100.9	20.27	—	NA	58	
	78.4	18.39	—	NA	22	
	51.2	22.10	—	NA	27	
	47.6	18.20	—	NA	16	
	45.6	20.59	—	NA	20	
	46.7	21.09	—	NA	22	
	85.2	22.36	—	NA	26	
	70.8	22.82	—	NA	38	
	68.7	22.51	—	NA	35	J-QC/FLD/RPO
	73.8	24.94	—	NA	80	
	69.3	24.62	—	NA	62	J-QC/FLD/RPO
	61.2	24.31	—	NA	35	J-QC/FLD/RPO
	87.9	25.05	—	NA	58	J-QC/FLD/RPO
	64.1	22.65	—	NA	65	
	70.3	26.59	—	NA	67	J-QC/FLD/RPO
	78.0	24.25	—	NA	31	
	94.5	25.16	—	NA	28	J-QC/FLD/RPO
	92.3	25.07	—	NA	—	NA
	78.7	22.89	—	NA	—	NA
	81.0	24.13	—	NA	—	NA
	88.5	25.47	—	NA	50	
	88.6	23.51	—	NA	60	
[redacted]						
[redacted]	107.7	[redacted]	18.20	—	NA	42	[redacted]
[redacted]	97.8	[redacted]	20.89	—	NA	28	J-QC/FFD/FLDRPO
[redacted]	99.8	[redacted]	17.40	—	NA	42	J-QC/FLD/RPO
[redacted]	104.7	[redacted]	21.99	—	NA	58	[redacted]
[redacted]	84.4	[redacted]	22.91	—	NA	15	[redacted]
[redacted]	78.6	[redacted]	23.95	—	NA	11	[redacted]
[redacted]	74.6	[redacted]	21.25	—	NA	57	J-QC/FLD/RPO
[redacted]	74.5	[redacted]	15.49	—	NA	20	J-QC
[redacted]	67.9	[redacted]	18.24	—	NA	48	[redacted]
[redacted]	70.1	[redacted]	8.84	—	NA	36	[redacted]
[redacted]	79.4	[redacted]	17.83	—	NA	53	[redacted]
[redacted]	70.4	[redacted]	23.45	—	NA	58	J-QC/FFD/RPO
[redacted]	63.8	[redacted]	23.79	—	NA	28	[redacted]
[redacted]	76.2	[redacted]	25.90	—	NA	58	J-QC/FFD/FLDRPO
[redacted]	67.4	[redacted]	21.46	—	NA	119	[redacted]
[redacted]	65.2	[redacted]	21.95	—	NA	48	J-QC
[redacted]	70.9	[redacted]	23.62	—	NA	64	J-QC
[redacted]	68.5	[redacted]	22.88	—	NA	33	J-QC/FLD/RPO

[redacted]	87.2	[redacted]	27.40		—	NA	76	J-QC/FFD/RPO
	63.7		23.69		—	NA	60	[redacted]
	72.3		25.88		—	NA	24	
	72.1		25.90		—	NA	49	J-QC/FLD/RPO
	81.2		24.43		—	NA	36	[redacted]
NAP	—	NAP	—	NAP	—	NA	54	
[redacted]	112.2	[redacted]	27.23		—	NA	46	
[redacted]								
	94.0		20.36		—	NA	60	J-QC/FFB
	83.5		23.63		—	NA	54	J-QC
	111.8		24.30		—	NA	76	J-QC/FFD/RPO
	109.5		14.31		—	NA	33	
	83.5		13.93		—	NA	30	
	95.4		20.20		—	NA	55	
	72.8		15.59		—	NA	36	
	85.5		21.43		—	NA	40	
	74.6		20.21		—	NA	41	
	71.1		19.61		—	NA	57	J-QC/FFB/FLDRPO
	73.3		19.11		—	NA	44	J-QC/FFD/FLDRPO
	76.4		22.27		—	NA	36	J-QC/FLD/RPO
	67.9		17.90		—	NA	38	
	90.2		25.27		—	NA	70	
	64.6		16.69		—	NA	36	
	79.6		23.38		—	NA	41	
	65.7		22.12		—	NA	45	J-QC/FFB
	78.5		25.86		—	NA	36	
	65.5		23.72		—	NA	38	
	79.0		27.11		—	NA	40	
	59.7		18.16		—	NA	32	J-QC/FLD/RPO
	72.3		24.31		—	NA	48	J-QC/FLD/RPO
	67.1		23.52		—	NA	43	
	84.3		26.23		—	NA	52	
	90.1		26.40		—	NA	49	
	96.8		21.91		—	NA	44	J-QC
	100.1		21.38		—	NA	54	J-QC
[redacted]								

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
1.01	<2	<0.09	0.057
1.58	7	3.30	0.034
0.80	<2	<0.09	0.024
0.78	2	<0.19	0.037
0.88	2	<0.19	0.030
0.05	2	<0.19	0.035
1.05	2	<0.19	0.094
0.98	2	<0.19	0.066
0.77	4	<0.19	0.063
0.89	2	<0.19	0.041
<1.00	<2	<0.19	0.054
1.57	<2	0.37	0.056
3.46	9	<0.19	0.073
2.17	6	<0.19	0.063
2.48	4	<0.19	0.093
1.06	10	<0.19	0.085
2.03	2	<0.19	0.191
2.00	5	<0.19	0.075
3.48	4	<0.19	0.084
1.20	<2	<0.19	0.055
1.11	<2	<0.19	0.091
1.13	<2	<0.19	0.091
0.77	4	<0.19	0.061
0.48	7	<0.19	0.042
1.07	<2	<0.19	0.065
1.00	6	<0.19	0.058
1.38	8	<0.19	0.083
1.15	<2	0.20	0.062
0.85	5	<0.19	0.051
1.16	4	<0.19	0.025
1.10	6	<0.19	0.030
<1.00	3	<0.19	0.035
1.10	<2	<0.19	0.038
1.09	—	<0.19	0.047
0.93	7	<0.19	0.050
1.17	3	<0.27	0.050
1.37	<2	<0.27	0.098
1.24	<2	<0.27	0.083
1.25	8	<0.27	0.075
0.91	<2	<0.27	0.062
1.06	<2	<0.27	0.073
1.47	<2	<0.27	0.070
1.19	7	<0.27	0.056
0.59	<2	<0.27	0.053

1.08	<2	<0.27	0.062
1.07	<2	<0.27	0.075
0.81	<2	<0.27	0.113
0.94	<2	<0.27	0.128
0.82	<2	<0.27	0.099
1.29	4	<0.27	0.102
0.97	<2	<0.27	0.120
1.23	<2	<0.27	0.064
<1.00	4	<0.27	0.030
[redacted]			
1.90	4	<0.27	0.04
0.46	<2	<0.27	0.021
1.17	<2	<0.27	0.036
1.10	<2	0.60	0.050
1.17	<2	<0.27	0.046
0.74	<2	<0.295	0.060
1.66	<2	<0.295	0.074
1.08	6	<0.295	0.069
0.67	—	<0.295	0.058
1.65	4	<0.295	0.075
2.00	<2	<0.295	0.088
0.81	18	<0.295	0.063
0.92	8	<0.295	0.033
0.70	—	<0.295	0.038
1.13	—	<0.295	0.053
1.24	5	<0.295	0.065
1.37	4	<0.295	0.041
1.15	<2	<0.295	0.036
1.58	—	0.42	0.055
1.63	<2	<0.295	0.055
1.84	<2	<0.295	0.072
1.09	—	<0.295	0.105
0.70	—	0.61	0.103
0.93	—	<0.295	0.085
0.84	—	<0.295	0.098
0.71	—	<0.295	0.098
0.45	<2	<0.295	0.088
0.64	—	<0.295	0.067
0.63	—	<0.295	0.042
[redacted]			
0.73	—	<0.295	0.032
0.71	<2	0.459	0.036
1.78	<2	<0.295	0.041
0.92	<2	0.523	0.035
0.76	<2	0.328	0.021
0.72	—	0.319	0.024
0.60	<2	0.250	0.037
<0.30	<2	0.463	0.082
0.51	—	0.578	0.09

<0.30		<2		0.323		0.106
1.09		<2		0.334		0.109
0.44		—		0.450		0.120
<0.30		<2		0.356		0.133
<0.30		<2		0.111		0.095
<0.30		<2		0.428		0.084
0.36		<2		0.151		0.072
[redacted]						
0.41		<2		0.103		0.039
0.52		<2		0.362		0.032
1.62		<2		0.455		0.033
<0.30		<2		0.408		0.021
0.50		<2		0.400		0.049
0.52		<2		0.434		0.061
0.33		<2		0.017		0.051
0.56		<2		0.072		0.051
<0.30		<2		0.731		0.059
0.68		<2		0.320		0.088
<0.30		<2		0.555		0.055
0.77		<2		0.329		0.057
0.51		<2		0.280		0.053
0.49		<2		0.411		0.062
<0.30		<2		0.041		0.069
0.32		<2		0.320		0.054
<0.30		<2		0.289		0.077
<0.30		<2		0.307		0.076
0.57		<2		0.421		0.078
<0.30		<2		0.393		0.101
0.43		<2		0.536		0.104
<0.30		<2		0.388		0.074
<0.30		<2		0.642		0.059
[redacted]						
0.48	BJ-QC/FBK/FFBFLS	<2	K	0.520	J-QC/FSL/FMS	0.033
1.25	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.545	J-QC/FMS	0.036
0.63	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.443	J-QC/FFB	0.031
1.23	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.585		0.039
0.58	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.334		0.063
0.89	BJ-QC/FBK/FFB	<2	K	0.569		0.100
<0.30	KBJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.433		0.064
<0.30	KB/FBK	<2	K	0.553	J-QC/FFB	0.080
<0.30	KJ-QC/FFD/RPOFLS	<2	K	0.423		0.089
0.87		<2	KJ-QC/FLS	0.303		0.057
0.64	BJ-QC/FBK/FLS	<2	K	<0.018	K	0.032
<0.30	KBJ-QC/FBK/FLS	<2	K	0.086		0.037
0.97		<2	KJ-QC/FLS	0.188		0.051
0.32	BJ-QC/FBK/FFB	<2	K	0.549		0.054
<0.30	KJ-QC/FFD/RPOFLS	<2	K	0.183		0.100
1.05	BJ-QC/FBK/FFB	<2	K	0.209		0.043
1.29	BJ-QC/FBK/FFBFLS	<2	K	0.198		0.055
0.58	BJ-QC/FBK/FFBFLS	<2	K	0.193		0.045

1.36	BJ-QC/FBK/FFB	<2	K	0.249	J-QC/FSL	0.049
1.48	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFD/RPOFLS	0.259		0.066
0.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.018	K	0.069
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FLS	0.193		0.057
0.55	BJ-QC/FBK/FFBFLS	2		0.132		0.059
[redacted]						
1.41	BJ-QC/FBK/FFBFLS	<2	K	0.290		0.0240
0.82	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.106		0.0182
0.66	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.357	J-QC/FSL	0.0409
0.66	BJ-QC/FBK/FFBFFDRPO	<2	K	0.246		0.0429
0.68	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.231		0.0476
0.70	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NAPQNS	0.201		0.0607
0.64	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.241		0.0583
0.55	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.186		0.0768
0.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.196		0.0526
0.67	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.246		0.0808
0.50	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.246		0.0481
0.80	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.217		0.0342
1.00	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.297		0.0799
0.45	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.402		0.0620
0.62	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.398		0.0570
0.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.320		0.0893
0.54	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.414		0.0642
0.50	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.404		0.0678
0.49	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.377		0.0789
0.49	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.330		0.0596
0.75	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.294		0.0704
1.35	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.414		0.1015
0.63	BJ-QC/FBK/FFBFLSEHT	<2	K	0.322		0.0453
0.68	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.166		0.0372
[redacted]						
0.58	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0175	K	0.0468
0.32	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.544		0.0441
1.04	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.351		0.0230
1.42	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.298		0.0280
0.78	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.310		0.0285
0.41	BJ-QC/FBK/FFB	<2	K	<0.0293	K	0.0311
0.74	BJ-QC/FBK/FFBFLS	<2	K	<0.0293	K	0.0453
1.67	BJ-QC/FBK/FFB	<2	K	0.201		0.0681
1.56	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.267		0.0336
0.38	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.305		0.0394
0.50	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.386		0.0471
0.73	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.474		0.0451
0.55	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.142	J-QC/FFD/RPO	0.0374
0.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.452	J-QC/FFB	0.0391
0.35	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.670		0.0378
0.52	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.531		0.0519
1.48	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.490		0.0585
0.49	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.365		0.0455
1.08	BJ-QC/FBK/FFBFLS	<2	K	0.293		0.0414

1.01	BJ-QC/FBK/FFBFFDRPO	<2	K	0.185		0.0419
[redacted]						
0.82	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0293	K	0.0316
0.80	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.452	J-QC/FSL	0.0368
0.69	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	<0.0378	K	0.0316
0.73	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.063	J-R	0.0594
0.57	BJ-QC/FBK/FFBFFDRPO	<2	K	0.361		0.0706
0.66	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.214	J-QC/FMS	0.0675
0.54	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.340	J-QC/FMS	0.0753
0.59	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.225		0.0521
0.58	BJ-QC/FBK/FFBFLS	<2	K	0.345	J-QC/FMS	0.0699
0.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.235		0.0537
0.90	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.303	J-QC/FMS	—
<0.30	KBJ-QC/FBK/FFB	<2	K	0.204	J-QC/FMS	0.0501
0.54	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	KJ-QC/FSL/FMS	0.0377
0.56	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.148	J-QC/FSL/FMS	0.0376
0.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.401		0.0418
0.64	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.412		0.0559
0.76	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.449	J-QC/FSL	0.0617
0.62	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.257		0.0627
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.285		0.0573
0.57	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.269		0.1545
0.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.206		0.1231
0.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.232		0.1402
0.39	BJ-QC/FBK/FFBFLS	<2	K	0.422	J-QC/FSL/FMS	0.1372
—	NAPQNS	3	J-QC/FLS	0.400	J-QC/FMS	0.0866
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FLS	0.385	J-QC/FMS	0.0590
—	NA	<2	KJ-HT/EHT	0.510	J-QC/FMS	0.0564
[redacted]						
—	NA	<2	KJ-QC/FMS	0.432	J-QC/FMS	0.0476
—	NA	<2	KJ-QC/FMS	0.359	J-QC/LLS/FMS	0.0284
—	NA	<2	KJ-QCJ-HT/FMS/EHT	1.323		0.0402
—	NA	<2	KJ-QC/FMS	0.280	J-QC/LLS/FMS	0.0264
—	NA	<2	KJ-QC/FMS	0.556		0.0524
0.75	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.505		0.0558
1.95	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.392	J/LLS	0.0615
1.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.386	J-QC/LLS/FSLFMS	0.0615
1.08	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.375	J-QC/LLS/FMS	0.0528
1.54	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.301	J-QC/LLS/FMS	0.0545
1.45	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.284	J-QC/LLS/FMS	0.0322
0.53	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	K	0.0292
1.04	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.356	J-QC/LLS/FFDRPC	0.0362
0.37	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.289	J/LLS	0.0388
0.45	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.181	J-RJ-QC/LLS/FSL	0.0481
1.16	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.157	J-R/LLS	0.0408
0.62	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP	—	NRP	—
0.74	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.325	J/LLS	0.0464

0.41	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.325	J/LLS	0.0505
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.247	J-QC/LLS/FFDRPC	0.0510
0.41	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.428		0.0533
0.43	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FMS	0.476		0.0595
0.42	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.416		0.0646
1.15	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.163	J-R/LLS	0.0585
0.68	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.490		0.0593
[redacted]						
0.79	BJ-QC/FBK/FFBFMS	<2	K	0.495		0.0341
0.62	BJ-QCJ-HT/FBK/FFB	<2	K	0.331	J-QC/LLS/FFB	0.0521
0.57	BJ-QC/FBK/FFB	<2	KJ-HT	0.174	J/LLS	0.0303
0.75	BJ-QC/FBK/FFB	<2	K	0.158	J-QC/LLS/FFB	0.0213
0.74	BJ-QC/FBK/FFB	<2	K	0.330	J-QC/LLS	0.0267
0.70	BJ-QC/FBK/FFB	<2	K	0.273	J-QC/LLS/FFB	0.0278
0.87	BJ-QC/FBK/FFBFMS	<2	K	0.295	J-QC/LLS/FFB	0.0652
0.77	BJ-QC/FBK/FFBFLDRPO	<2	K	0.341	J-QC/LLS/FSL	0.0442
0.61	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	0.256	J-QC/LLS/FFB	0.0459
1.24	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.489	J-QC/FFB	0.0534
0.86	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.067	J-QC/LLS/FFB	0.0589
1.32	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0380
0.70	BJ-QC/FBK/FFB	<2	K	<0.0267	K	0.0418
0.68	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	K	0.0369
0.80	BJ-QC/FBK/FFBFMS	<2	K	0.457		0.0525
0.55	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.050	J-R/LLS	0.0401
0.32	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.072	J-QC/LLS/FMS	0.0473
0.52	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0416
0.58	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	KJ-HT	0.123	J/LLS	0.0504
0.55	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	0.178	J-QC/LLS/FFDRPC	0.0416
0.48	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	<0.0267	KJ-QC/FFD/RPO	0.0607
0.79	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0446
0.76	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.334	J-QC/LLS/FFBFSL	0.0706
0.62	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	K	0.356	J/LLS	0.0640
0.63	BJ-QCJ-HT/FBK/FFB	<2	KJ-QC	0.362	LS/FFBFLDRPOF	0.0865
0.56	BJ-QC/FBK/FFBFMS	<2	K	0.244	J-QC/LLS	0.0764
0.57	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.255	J/LLS	0.0961
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.78	0.240	0.75	—
	0.62	0.167	0.11	—
	0.75	0.396	0.12	—
	1.00	0.109	0.10	—
	0.57	0.094	0.12	—
	0.53	0.102	0.12	—
	1.97	0.134	0.16	—
	0.50	0.163	0.18	—
	1.04	0.169	0.17	—
	0.56	0.121	0.15	—
	0.99	0.165	0.18	—
	0.46	0.167	0.17	—
	0.57	0.218	0.26	—
	0.58	0.175	0.20	—
	0.67	0.347	0.31	—
	0.67	0.208	0.20	—
	0.86	0.298	0.24	—
	0.91	0.214	0.20	—
	0.52	0.230	0.22	—
	0.77	0.207	0.18	—
	0.59	0.232	0.33	—
	0.64	0.219	0.25	—
	0.50	0.169	0.28	—
	0.46	0.141	0.16	—
	0.71	0.174	0.19	—
	0.91	0.138	0.15	—
	1.30	0.206	0.14	—
	0.88	0.170	0.19	—
	0.75	0.114	0.13	—
	0.64	0.079	0.11	—
	1.26	0.089	0.07	—
	0.55	0.099	0.15	—
	0.54	0.170	0.15	—
	0.80	0.149	—	—
	0.62	0.099	0.14	—
	0.49	0.146	0.15	—
	0.73	0.186	0.20	—
	0.52	0.138	0.22	—
	0.81	0.281	0.22	—
	0.46	0.141	0.17	—
	0.44	0.158	0.16	—
	0.44	0.367	0.34	—
	0.82	0.210	0.18	—
	0.37	0.266	0.32	—

0.47	0.300	0.29	—
0.43	0.273	0.28	—
0.57	0.155	0.19	—
0.78	0.233	0.26	—
0.73	0.235	0.24	—
0.61	0.211	0.21	—
0.74	0.230	0.23	—
0.86	0.181	0.20	—
0.49	0.120	0.14	—
[redacted]			
0.91	0.15	0.15	—
0.43	0.099	0.13	—
0.77	0.122	0.15	—
0.32	0.093	0.15	—
0.83	0.122	0.32	—
0.61	0.116	0.13	—
0.89	0.155	0.21	—
0.68	0.126	0.16	—
0.51	0.152	—	—
0.35	0.137	0.21	—
0.60	0.238	0.21	—
0.71	0.206	0.20	—
0.24	0.128	0.14	—
0.45	0.164	—	—
0.48	0.192	—	—
0.28	0.152	0.19	—
0.26	0.149	0.15	—
1.07	0.633	0.15	—
0.31	0.197	0.17	—
2.05	0.182	0.19	—
0.55	0.158	0.22	—
0.80	0.218	—	—
0.59	0.172	—	—
0.56	0.157	—	—
0.39	0.177	—	—
0.39	0.217	0.15	—
0.60	0.163	0.15	—
0.60	0.191	0.21	—
0.86	0.156	0.12	—
[redacted]			
0.682	0.188	0.20	—
0.627	0.129	0.15	—
0.443	0.129	0.11	—
0.533	0.134	0.10	—
0.409	0.080	0.06	—
0.339	0.097	0.07	—
0.339	0.115	0.08	—
0.484	0.243	0.19	—
0.632	0.195	—	—

	0.834		0.200		—	—
	0.784		0.23		0.16	—
	0.767		0.20		0.19	—
	0.851		0.20		0.18	—
	0.811		0.18		0.16	—
	0.795		0.18		0.16	—
	0.819		0.19		0.15	—
[redacted]						
	0.753		0.11		0.09	—
	0.724		0.10		0.10	—
	0.738		0.09		0.09	—
	0.540		0.06		0.07	—
	0.400		0.16		0.10	—
	0.732		0.16		0.14	—
	0.549		0.18		0.09	—
	0.810		0.34		0.16	—
	0.730		0.20		0.15	—
	0.696		0.15		0.16	—
	0.524		0.12		0.12	—
	0.470		0.21		0.16	—
	0.304		0.17		0.15	—
	0.431		0.20		0.17	—
	0.512		0.25		0.25	—
	0.793		0.18		0.19	—
	0.350		0.27		0.20	—
	0.265		0.20		0.19	—
	0.335		0.19		0.20	—
	0.444		0.21		0.19	—
	1.06		0.17		0.16	—
	0.693		0.14		0.14	—
	0.649		0.10		0.12	—
[redacted]						
	0.643		0.09	J-QC/FFB	0.08	—
	0.673	J-QC/FLS	<0.05	K	0.10	—
	0.484		0.08		0.08	—
	0.548		0.25	J-QC/FFB	0.09	—
	1.28		0.13		0.11	—
J-QC/FFB	0.675		0.14		0.14	—
	1.23		0.13		0.11	—
	0.800		0.13		0.14	—
	0.910		0.14		0.16	—
	0.501		0.14		0.13	J-QC/FFB —
J-QCJ-HT/FFB/EHT	0.261		0.12		0.12	—
	0.463	J-QC/FFB	0.18		0.13	—
	0.572		0.16		0.15	—
J-QC/FFB	0.804		0.19		0.16	—
	0.495		0.16		0.16	—
	0.529		0.23		0.18	—
	0.656		0.19	J-QC/FFD/RPO	0.17	—
J-QC/FFB	0.439		—	NAP	0.25	J-QC/FFB —

J-QC/FFB	0.466		0.17		0.18		—	
	0.636		0.20	J-QC/FFB	0.20		—	
	0.513		0.20	J-QC/FFB	0.14		—	
J-QC/FFB	0.567		0.15		0.13		—	
	0.534		0.12		0.12		—	
[redacted]								
	0.523		0.10		0.10		—	NA
J-QC/FFB	0.573		0.12		0.09		—	NA
	0.671		0.11		0.10		—	NA
	0.396		0.13		0.10		—	NA
	0.353	J-QC/FFB	0.13		0.12		—	NA
	0.616		0.16		0.13		—	NA
	0.396		0.14		0.11		—	NA
	0.503		0.18		0.15		—	NA
J-QC/FFB	0.344		0.15		0.14		—	NA
	0.554		0.20		0.17		—	NA
	0.290		0.14		0.14		—	NA
	0.520		0.23		0.16		—	NA
J-QC/FFB	0.415		0.24		0.22		—	NA
	0.202		0.22		0.19		—	NA
	0.370		0.20		0.19		—	NA
J-QC/FFB	0.259		0.20		0.18		—	NA
J-QC/FFB	0.411		0.21		0.19		—	NA
	0.461	J-QC/FFD/RPO	0.22		0.18		—	NA
J-QC/FFB	0.554		0.22		0.20		—	NA
	0.495		0.20		0.17		—	NA
J-QC/FFB	0.542		0.19		0.15	J-QC/FLS	—	NA
	0.677		0.22	J-QC/FFD/RPO	0.18		—	NA
J-QC/FFB	0.752		0.16		0.13		—	NA
	0.800		0.16	J-QC/FFB	0.12		—	NA
[redacted]								
	1.2800	J-QC/FLS	0.12		0.10		—	NA
J-QC/FFB	0.8250		0.21	J-QC/FFB/FLS	0.08		—	NA
	1.1133		0.10	J-QC/FFD/RPO	0.09		—	NA
	1.4113		0.08		0.08		—	NA
	<0.0267	K	0.09		0.09		—	NA
J-QC/FFB	0.4124		0.10		0.09	J-QC/FFB/FFDRPO	—	NA
	0.5500		0.11		0.10		—	NA
J-QC/FFD/RPO	0.8832	J-QC/FFB/FLS	0.16		0.12		—	NA
	0.3031		0.12	J-QC/FFD/RPO	0.10		—	NA
	0.4655	J-QC/FLS	0.13	J-QC/FFD/RPO	0.12		—	NA
J-QC/FFB	0.4458		0.10	J-QC/FFD/RPOFLS	0.12		—	NA
J-QC/FFB	0.4057	J-QC/FLS	0.11		0.11	J-QC/FFB	—	NA
J-QC/FFB	0.6210	J-QC/FLS	0.13		0.13		—	NA
J-QC/FFB	0.2642		0.16	J-QC/FFB	0.15		—	NA
J-QC/FFB	0.5391	J-QC/FFB	0.21		0.25	J-QC/FFB	—	NA
J-QC/FFB	0.3956		0.20	J-QC/FLS	0.18		—	NA
	0.3637	J-QC/FLS	0.05	J-QC/FLS	0.11		—	NA
J-QC/FFB	0.6067		0.11	J-QC/FFB/FLDRPO	0.10		—	NA
J-QC/FFB	0.8464		0.17	J-QC/FFB/FLS	0.12		—	NA

J-QC/FFB	0.6717		0.10	J-QC/FLS	0.10		—	NA
[redacted]								
J-QC/FFB	0.5372		0.08	J-QC/FFD/RPO	0.08	J-QC/FFD/RPO	—	NA
J-QC/FFB	0.9179	J-QC/FFB	0.09		0.09		—	NA
J-QC/FFB	0.5469	J-QC/FLS	0.10		0.08		—	NA
J-QC/FFB	0.7791		0.16		0.14		—	NA
J-QC/FFB	0.7660	J-QC/FFB	0.14		0.11		—	NA
J-QC/FFB	0.5473	J-QC/FFB	0.12		0.11		—	NA
J-QC/FFB	0.8202	J-QC/FLS	0.11		0.10		—	NA
J-QC/FFB	0.8915	J-QC/FFD/RPO	0.14		0.09		—	NA
	0.6229		0.17		0.12		—	NA
J-QC/FFB	0.4507		0.18	J-QC/FFB	0.11		—	NA
NAPQNS	—	NAPQNS	—	NAPQNS	—	NAPQNS	—	NA
J-QC/FFB	0.6640		0.12		0.11		—	NA
	0.4310	J-QC/FLS	0.13		0.12		—	NA
J-QC/FFB	2.0592		0.15		0.13		—	NA
	0.3622		0.18		0.16		—	NA
J-HT/EHT	0.7246	J-QC/FLS	0.21		0.18		—	NA
	0.4272	J-QC/FFB	0.20	J-QC/FLS	0.17	J-QC/FLS	—	NA
	0.6686		0.24	J-QC/FFD/RPO	0.18		—	NA
	0.7786	J-QC/FLS	0.17		0.17		—	NA
	0.4898		0.19		0.17		—	NA
	0.9507		0.18		0.17		—	NA
	0.6943		0.17		0.15		—	NA
J-QC/FFB	0.9373	J-QC/FFB	0.22	J-QC/FLS	0.18		—	NA
	0.6558	J-HT/EHT	0.17		0.17		—	NA
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
J-QC/FFB	0.7171		0.14		0.13		—	NA
J-QC/FFB	0.7884		0.12		0.12		—	NA
[redacted]								
J-QC/FFB	0.7422	[redacted]	0.12	J-QC	0.10	J-QC/FFD/RPO	—	NA
J-QC/FFB	0.4359		0.09	[redacted]	0.08	[redacted]	—	NA
J-HT/EHT	0.7820	J-QC/FFB	0.12		0.10		—	NA
J-QCJ-HT/FFB/EHT	1.4144	J-QC/FFB	0.08		0.06	J-QC/FLD/RPO	—	NA
J-QC/FFB	0.4750	[redacted]	0.12		0.10	J-QC/FSL	—	NA
[redacted]	0.8062	J-QC/FFB	0.13		0.12	J-QC	—	NA
J-QC/FFB	0.6749	J-QC/FLS	0.15		0.13	J-QC/FFB	—	NA
J-QC/FFB	0.6257	J-QC/FFB	0.13		0.13	J-QC/FLD/RPO	—	NA
[redacted]	0.4314	[redacted]	0.11		0.14	J-QC/FLD/RPO	—	NA
J-QC/FFB	0.4242		0.18		0.13	J-QC	—	NA
J-QC/FFB	0.3895	CJ-HT/FFD/RPOE	0.11	J-QC/FLD/RPO	0.12	[redacted]	—	NA
J-QC/FFB	0.3426	[redacted]	0.14	[redacted]	0.12	J-QC/FMS	—	NA
J-QC/FFB	0.3746		0.13	J-QC/FSL	0.13	J-QC	—	NA
[redacted]	0.2738	J-QC/FLS	0.14	[redacted]	0.13	[redacted]	—	NA
	0.8062	J-QC/FFB	0.19	J-QC/FFB/FSL	0.15		—	NA
	0.4648	J-QC/FFB	0.15	[redacted]	0.14		—	NA
NRP	—	NRP	0.16		0.15		—	NA
J-QC/FFB	0.5789	[redacted]	0.18		0.15		—	NA

J-QC/FFB	0.4468	[redacted]	0.16	[redacted]	0.16	[redacted]	—	NA
J-QC/FFB	0.4811	[redacted]	0.16	[redacted]	0.14	[redacted]	—	NA
J-QC/FFB	0.5836	[redacted]	0.20	J-QC	0.15	J-QC/FFD/RPO	—	NA
[redacted]	0.6790	[redacted]	0.16	[redacted]	0.16	J-QC	—	NA
[redacted]	0.7446	J-QC/FLS	0.17	[redacted]	0.14	J-QC/FFB	—	NA
J-QC/FFB	0.3671	J-QCJ-HT/EHT	0.15	J-QC/FMS	0.12	[redacted]	—	NA
[redacted]	0.7138	J-QC/FLS	0.16	[redacted]	0.14	[redacted]	—	NA
[redacted]								
	0.8057	J-QC/FFB/FLS	0.11		0.09		—	NA
J-QC/FFB	0.4961		0.12		0.10		—	NA
J-QC/FFB	0.4122		0.08		0.07		—	NA
	0.6406	J-HT	0.08	J-QC	0.07	J-QC	—	NA
J-QC/FFB	0.5053	J-QC/FLS	0.11	J-QC/FFB/FMS	0.09		—	NA
J-QC/FFB	0.3318		0.10	J-QC/FFB/FMS	0.09	J-QC/FFB	—	NA
	0.6273	J-QC/FLS	0.12	J-QC	0.12	J-QC/FFB	—	NA
J-QC/FFB	0.3529		0.12		0.09		—	NA
J-QCJ-HT/FFB	0.3843		0.12		0.09		—	NA
J-QC/FFB	0.4292		0.13		0.11		—	NA
J-QC/FFB	0.5126		0.12		0.13		—	NA
J-QC/FFB	0.5098		0.11		0.11		—	NA
J-QC/FFB	0.4143		0.16	J-QC/FMS	0.14	J-QC/FMS	—	NA
	0.3343		0.14	J-QC/FFB	0.12		—	NA
J-QC/FFB	0.5324		0.18		0.17		—	NA
	0.3703		0.15		0.14		—	NA
	0.4874		0.17		0.17		—	NA
	0.3136		0.15		0.13		—	NA
J-QC/FFB	0.3765	J-HT	0.19		0.16		—	NA
	0.4388		0.15	J-QC/FMS	0.13		—	NA
	0.6396		0.22		0.19		—	NA
	0.3668		0.18	J-QC/FFB	0.18	J-QC	—	NA
J-QC/FFB	0.5349		0.20	J-QC/FFB	0.17	J-QC	—	NA
J-QC/FFB	0.4039		0.17		0.16		—	NA
J-QC/FFB	0.5690	J-HT	0.20		0.17		—	NA
J-QC/FFB	1.0802	J-QC/FLS	0.23		0.19		—	NA
J-QC/FFB	0.8156		0.17	J-QC/FMS	0.15		—	NA
[redacted]								

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
4.6	0.00	0.01
4.7	0.00	0.11
[redacted]		
19.0	0.00	0.35
21.0	0.45	0.45
4.2	0.00	0.00
5.0	0.00	0.05
<5.0	0.00	0.00
4.4	0.00	0.10
2.0	0.00	0.00
1.2	0.00	0.31
0.9	0.00	0.00
<0.5	0.00	0.00
9.7	0.00	0.57
18.9	0.00	0.00
1.4	0.09	0.94
2.4	0.00	0.02
<0.5	0.39	0.39
5.2	0.00	0.00
5.9	0.00	0.00
5.1	0.00	0.10
7.8	0.00	0.00
5.9	0.00	0.00
0.7	0.53	2.80
<0.5	0.04	0.04
7.5	0.00	0.00
5.9	0.00	0.00
4.1	0.01	0.04
5.8	0.03	0.44
4.7	0.00	0.00
[redacted]		
1.6	0.01	0.01
<0.5	0.01	0.14
0.9	0.00	0.00
1.2	0.00	0.09
—	0.00	0.00
<0.5	0.00	0.00
<0.5	0.05	0.05
<0.5	0.00	0.00
<0.5	0.00	0.00
1.5	0.00	0.00
<0.5	0.66	0.66
2.6	0.95	1.78
2.2	0.00	0.04
3.0	0.00	0.00
2.6	0.00	0.00

3.2	0.00	0.08	[redacted]
2.7	0.00	0.00	
2.1	0.00	0.00	
2.5	0.00	0.00	
2.2	0.00	0.00	
2.2	0.00	0.12	
2.7	0.00	0.00	
3.7	0.03	0.03	
6.5	0.00	0.00	
[redacted]			
6.3	0.04	0.04	
5.1	0.01	0.14	
6.4	0.00	0.00	
4.7	0.00	0.03	
3.6	0.00	0.00	
4.2	0.00	0.00	
4.7	0.00	0.00	
8.9	0.00	0.00	
—	0.22	0.22	
3.3	0.00	0.00	
2.6	0.00	0.00	
5.7	0.25	1.44	
1.9	0.33	2.38	
—	0.00	0.00	
—	0.36	0.36	
7.4	0.00	0.00	
5.7	0.15	0.15	
5.3	0.00	0.00	
5.1	0.00	0.02	
8.7	0.00	0.00	
4.8	0.57	1.19	
—	0.02	0.37	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
2.5	0.00	0.41	
1.5	0.00	0.00	
1.7	0.00	0.00	
2.0	0.00	0.00	
[redacted]			
1.1	0.00	0.00	
1.7	0.24	0.26	
<0.5	0.00	0.06	
2.2	0.25	0.25	
1.3	0.01	0.18	
1.4	0.32	0.74	
0.9	0.66	0.66	
4.6	0.00	1.48	
2.4	0.00	0.00	

0.5		0.05	0.05
5.4		0.00	0.00
5.4		0.00	0.00
5.6		0.00	0.00
5.8		0.00	0.22
5.4		0.01	1.37
4.4		0.08	0.57
[redacted]			
3.8		0.00	0.00
1.5		0.08	0.08
4.5		0.00	0.00
4.2		0.00	0.00
3.2		0.00	0.00
3.2		0.00	0.00
3.4		0.15	0.20
7.8		0.00	0.00
5.2		0.00	0.01
6.5		0.04	0.21
6.9		0.01	0.83
6.7		0.00	0.00
4.4		0.00	0.00
4.6		0.00	0.00
3.0		0.00	1.17
3.3		0.00	0.00
3.0		0.00	0.00
2.6		0.00	0.00
2.9		0.00	0.00
2.9		0.00	0.00
2.3		0.00	0.17
19.8		0.15	0.38
3.4		0.12	1.05
[redacted]			
3.6		0.00	0.00
4.0		0.00	0.00
4.0	J-QC/FFB	0.00	0.15
3.8		0.00	0.00
4.5	J-QC/FFD/RPO	0.54	1.15
5.2		0.00	0.00
4.6		0.00	0.00
5.9		0.00	0.00
4.1		0.00	0.00
—	NAPEFAI/EQF	0.00	0.66
4.2		0.00	0.20
4.3		0.00	0.00
4.1		0.15	1.69
4.3		0.00	1.70
5.4	J-QC/FFB	0.41	0.42
4.8	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB	0.01	0.11
3.9	J-QC/FFB	0.00	0.00

3.9	J-QC/FFB	0.00	0.00
4.5	J-QC/FFB	0.00	0.00
4.1	J-QC/FFB/FFDRPO	0.00	0.00
3.5		0.00	0.00
3.7	J-QC/FFB	0.00	0.00
[redacted]			
5.00	J-QC/FFB	0.00	0.01
3.80		0.00	0.00
4.08		0.03	2.06
4.11		0.00	0.00
3.90		0.01	1.44
4.00	J-QC/FFB	0.00	0.00
7.12	J-QC/FFB	0.00	0.00
3.83	J-QC/FFB	1.11	1.11
3.50	J-QC/FFB	0.00	0.00
3.84	J-QC/FFB	0.00	0.00
3.60		0.00	0.00
3.30	J-QC/FFB	0.00	0.17
3.20	J-QC/FFB	0.05	0.05
3.20	J-QC/FFB	0.00	0.28
2.90	J-QC/FFB	0.00	0.04
3.80	BJ-QC/FBK/FFB	0.00	0.00
3.40	J-QC/FFB	1.24	1.41
3.50	J-QC/FFB	0.34	1.06
3.30	B/FBK	0.00	0.00
3.60	BJ-QC/FBK/FFB	0.00	0.00
3.40	BJ-QC/FBK/FFB	1.05	1.05
3.00		0.00	0.00
4.20	J-QC/FFB	0.00	0.00
4.30		0.00	0.00
[redacted]			
4.2		0.00	0.02
4.9	J-QC/FFB	0.00	0.00
4.9	J-QC/FFB	0.17	2.58
3.2	J-QC/FFB	0.64	1.31
3.2	B/FBK	0.00	0.00
3.7	BJ-QC/FBK/FFB	0.00	0.00
3.7	J-QC/FFB	0.01	2.40
4.0		0.00	0.00
2.3	J-QC/FFB	0.00	0.00
2.5	J-QC/FFB	0.04	0.05
2.7	J-QC/FFB/FFDRPO	0.00	0.00
4.3	J-QC/FFB	0.00	0.00
3.8	J-QC/FFB	0.39	0.39
3.3	J-QC/FFB	0.28	0.29
3.9	J-QC/FFB	0.00	0.12
3.3	J-QC/FFB	0.07	0.07
4.9	J-QC/FFB	0.00	0.00
4.2	J-QC/FFB	0.00	0.00
3.2		0.04	1.03

3.3		0.00	0.00
3.1		0.00	0.00
3.3	J-QC/FFB	0.00	0.00
3.2	BJ-QC/FBK/FFB	0.00	0.00
1.8	J-QC/FFB	0.00	0.00
1.7	J-QC/FFB	0.62	0.62
2.1	J-QC/FFB	0.27	0.30
2.4	J-QC/FFB	0.73	0.76
2.1		0.20	2.14
2.5	J-QC/FFB	0.00	0.02
3.1	J-QC/FFB	0.09	0.67
—	NAPQNS	0.93	2.05
2.0	BJ-QC/FBK/FFB	0.00	0.00
2.2		0.00	0.95
3.5	J-QC/FFB	0.00	0.26
4.1	J-QC/FFB/FLS	0.04	0.09
2.4	J-QC/FFB/FFDRPO	0.00	0.00
—	NAPEFAI/EQF	0.00	0.00
3.0	J-QC/FFB/FFDRPO	0.00	0.00
2.2	J-QC/FFB	0.00	0.00
1.7	J-QC/FFB	0.11	0.70
1.8	J-QC/FFD/RPO	0.00	0.06
1.7	J-QC/FFB/FFDFLDRPO	0.00	0.00
2.2		0.00	0.00
2.6		0.35	0.35
—	NA	0.00	0.00
—	NA	0.00	0.00
—	NA	0.00	0.00
3.8	BJ-QC/FBK/FFB	0.46	0.46
2.7	BJ-QC/FBK/FFB	0.03	0.03
4.72	BJ-QC/FBK/FFB	0.00	0.00
2.88	J-QC/FFB	0.72	0.72
3.38	BJ-QC/FBK/FFB	0.00	0.00
2.2	J-QC/FFD/RPO	0.00	0.00
2.4		0.08	1.54
2.6	J-QC/FFD/RPO	0.00	0.00
2.4	J-QC/FFD/RPO	0.35	0.88
4.1		0.00	0.55
3.5	J-QC/FFB/FSL	0.00	0.04
4.2		0.14	0.27
3.9		0.11	0.11
2.4	J-QC/FFB	0.00	0.00
4.1	J-QC/FMS	0.00	0.00
3.2	J-QC/FLD/RPO	0.19	0.19
3.6	J-QC	0.02	0.52
3.3		0.00	0.00
3.2	J-QC	0.40	0.40
3.4	J-QC/FFB	0.00	0.00

2.2	J-QC	0.03	0.03
3.0	J-QC/FSL	0.00	0.00
2.3	J-QC/FLD/RPOFMS	0.52	0.52
2.6	J-QC/FMS	0.00	0.00
2.6	QC/FBK/FFBFLDRPOFSLF	0.00	0.00
2.83	J-QC/FFB/FFDRPO	0.40	0.40
4.97		0.19	0.19
[redacted]			
2.2	J-QC/FMS	0.35	0.35
1.7	J-QC/FMS	0.00	1.44
2.2	J-QC/FMS	0.00	0.00
3.1	J-QC	0.00	0.00
2.7		0.52	0.52
3.4		0.03	0.03
5.2		0.40	0.40
5.2		0.00	0.00
3.4	J-QC/FMS	0.00	2.46
3.9		0.00	0.00
4.0		0.00	0.00
1.5	J-QC/FMS	0.00	0.00
0.5	J-QC/FMS	0.49	0.49
0.8		0.75	0.84
1.0	J-QC/FMS	0.00	0.00
1.0		0.00	0.00
1.8	J-QC	0.00	0.00
1.2	B/FBK	0.55	0.64
2.9		0.00	0.00
1.5	B/FBK	0.00	0.00
2.6		0.00	0.00
1.8		0.00	0.00
3.2	J-QC/FLD/RPO	0.00	0.73
5.9		0.00	0.00
0.3	J-R/LLS	0.00	0.00
2.9		0.00	0.00
2.6		0.08	0.16
[redacted]			

[redacted]

[redacted]

Station #18 Upper Newark Bay 1	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 2, 2003	12:35	6.14	8.4	9.13
December 16, 2003	11:40	6.90	4.0	10.13
2004				
March 31, 2004	09:15	7.95	11.4	10.89
April 6, 2004	10:40	7.82	6.4	10.13
April 22, 2004	10:25	7.20	12.3	9.70
May 18, 2004	11:30	7.39	18.8	7.27
May 25, 2004	11:20	7.22	19.9	6.42
June 1, 2004	—	7.44	—	—
June 16, 2004	11:15	7.48	24.5	5.60
June 23, 2004	10:55	7.69	20.7	8.83
July 1, 2004	11:30	7.61	21.0	—
July 7, 2004	11:08	7.48	—	—
July 14, 2004	11:12	7.52	22.5	4.00
July 21, 2004	10:10	7.54	24.4	4.00
July 28, 2004	11:25	7.30	23.8	4.61
August 4, 2004	11:34	7.30	25.22	4.68
August 11, 2004	10:55	7.65	23.94	6.12
August 18, 2004	11:27	7.32	23.42	4.90
August 25, 2004	11:04	7.37	23.58	5.73
September 1, 2004	10:55	7.63	24.27	5.42
September 15, 2004	11:55	7.54	22.86	5.86
September 22, 2004	11:04	7.50	20.95	6.26
September 29, 2004	11:35	7.02	20.97	7.12
October 14, 2004	11:30	—	17.81	7.10
October 26, 2004	09:50	—	13.9	7.03
November 8, 2004	11:55	—	12.5	8.14
November 22, 2004	10:30	7.43	10.57	7.85
December 8, 2004	10:11	7.58	8.20	9.11
December 16, 2004	11:58	—	6.7	13.36
2005				
February 23, 2005	10:55	—	3.15	—
March 21, 2005	10:50	—	4.7	13.41
April 13, 2005	10:03	—	10.30	15.17
May 5, 2005	09:52	7.59	11.83	10.04
May 11, 2005	11:04	7.59	11.75	10.70
May 19, 2005	12:04	7.63	15.34	8.50
May 24, 2005	10:34	7.49	14.33	7.82
May 31, 2005	09:52	7.36	15.95	6.68
June 8, 2005	10:51	7.34	19.33	6.43
June 15, 2005	11:21	7.46	23.13	7.15
June 22, 2005	10:36	7.35	20.50	6.47
June 29, 2005	09:41	7.32	23.25	6.21
July 6, 2005	09:35	7.31	23.32	4.90
July 28, 2005	10:23	7.49	26.17	5.80
August 3, 2005	10:14	—	25.60	7.48

August 11, 2005	—	—	—	—
August 17, 2005	10:48	7.36	25.78	4.77
August 25, 2005	11:04	—	24.43	5.19
September 8, 2005	—	—	—	—
September 12, 2005	—	—	—	—
September 20, 2005	10:12	7.36	23.99	5.11
September 27, 2005	11:02	7.54	22.10	7.16
October 6, 2005	11:14	7.40	20.96	6.16
October 18, 2005	11:54	—	16.35	8.85
December 21, 2005	11:04	6.70	4.13	12.45
2006				
January 5, 2006	11:09	7.65	5.34	14.89
January 30, 2006	10:51	7.76	5.19	12.90
February 14, 2006	11:36	7.55	4.15	10.73
March 27, 2006	11:38	8.00	6.64	10.72
April 18, 2006	10:58	7.64	11.15	9.26
April 27, 2006	11:13	7.43	12.98	11.90
May 11, 2006	11:50	7.54	14.48	8.34
June 13, 2006	12:28	7.44	18.63	6.97
June 20, 2006	11:15	7.35	21.61	8.51
June 29, 2006	11:34	7.34	21.90	8.21
July 6, 2006	10:39	7.24	22.69	7.79
July 11, 2006	11:17	7.26	20.83	6.81
July 18, 2006	10:30	7.15	23.90	4.88
July 27, 2006	10:44	7.22	24.80	6.61
August 3, 2006	10:31	7.71	27.13	8.45
August 9, 2006	10:34	7.73	23.69	6.61
August 16, 2006	10:59	7.43	24.13	5.15
August 23, 2006	10:17	7.54	24.40	6.88
August 29, 2006	09:55	7.32	23.28	4.76
September 6, 2006	10:28	7.34	21.10	5.46
September 12, 2006	11:55	7.50	21.38	5.44
September 21, 2006	11:26	7.46	20.95	5.85
September 28, 2006	11:21	7.52	20.19	6.45
October 2, 2006	11:08	7.45	18.77	6.21
October 16, 2006	11:16	7.54	16.50	6.72
October 30, 2006	12:10	7.68	11.66	8.67
November 14, 2006	12:21	7.69	13.12	7.82
December 11, 2006	12:33	7.65	7.23	9.18
2007				
January 22, 2007	10:42	7.65	4.92	9.86
February 22, 2007	11:02	7.58	1.87	13.77
March 8, 2007	10:47	7.81	1.71	17.15
March 19, 2007	12:25	7.61	3.85	11.08
April 3, 2007	12:13	7.59	7.87	12.30
May 2, 2007	11:55	7.45	12.14	9.69
May 16, 2007	10:47	7.49	15.69	9.95
Boat engine failure - 5/18/07				
August 22, 2007	11:50	7.37	21.93	5.57
August 30, 2007	10:29	7.36	23.02	5.85

September 10, 2007	10:36	7.51		24.47	8.09
October 3, 2007	11:35	7.35		21.12	5.84
October 15, 2007	11:20	7.41		19.03	6.33
October 29, 2007	11:24	7.33		16.64	6.49
November 14, 2007	11:32	—		11.39	8.47
November 27, 2007	11:33	—		9.59	8.82
December 10, 2007	11:43	—		6.39	9.32
2008					
January 7, 2008	11:53	—		4.38	11.38
February 4, 2008	11:35	7.51		3.95	11.05
March 10, 2008	11:25	7.70		4.09	—
April 7, 2008	11:18	7.80		7.42	11.25
May 8, 2008	12:36	7.50		14.59	7.83
May 15, 2008	10:44	7.45		14.44	7.79
May 22, 2008	11:41	7.53		14.03	7.80
June 2, 2008	11:51	7.59		16.63	7.60
June 9, 2008	11:41	7.42		19.59	6.64
June 16, 2008	11:30	7.42		21.81	6.12
June 23, 2008	11:41	7.43		21.90	6.40
July 7, 2008	12:06	7.33		22.51	5.20
July 22, 2008	11:49	7.41		24.63	5.79
August 4, 2008	10:36	7.27		—	4.65
August 12, 2008	11:16	7.37		23.21	5.32
August 18, 2008	10:32	7.39		23.35	5.58
August 25, 2008	11:01	7.41		23.60	5.59
September 8, 2008	11:19	7.48		24.19	5.99
September 15, 2008	10:56	7.14		22.82	5.81
September 22, 2008	11:04	6.69		21.03	5.47
October 6, 2008	10:50	—		18.40	4.65
November 6, 2008	10:43	—		13.03	6.93
December 1, 2008	11:28	7.29		7.85	8.12
2009					
January 27, 2009	10:58	7.42		2.07	9.88
February 25, 2009	12:03	7.38		2.84	11.34
March 10, 2009	10:57	7.50		4.04	13.47
April 8, 2009	11:04	7.49		8.11	11.57
May 4, 2009	11:54	7.26		13.67	—
May 19, 2009	10:27	7.20		14.34	—
May 27, 2009	10:55	7.26		16.38	—
June 1, 2009	11:21	7.25		17.50	—
June 8, 2009	12:27	7.26		18.73	—
June 22, 2009	11:14	7.32		19.72	5.84
July 13, 2009	12:41	7.28		22.05	7.04
July 20, 2009	11:46	—	NAPEFAI/EQF	22.65	6.68
July 27, 2009	12:42	—	NAPEFAI/EQF	23.10	—
August 3, 2009	11:10	—	NAPEFAI/EQF	24.79	5.52
August 10, 2009	11:47	—	NAPEFAI/EQF	24.17	5.53
August 17, 2009	10:58	—	NAPEFAI/EQF	24.59	—
August 24, 2009	11:49	—	NAPEFAI/EQF	25.58	—
August 31, 2009	11:48	—	NAPEFAI/EQF	23.48	—

September 9, 2009		11:01	—	NAPEFAI/EQF	22.67		—
September 14, 2009		10:51	—	NAPEFAI/EQF	21.31		—
September 21, 2009		10:49	—	NAPEFAI/EQF	—		—
October 6, 2009		11:54	—	NAPEFAI/EQF	18.29		—
November 23, 2009		12:09	7.69		11.26		9.06
2010							
March 17, 2010	A	10:38	7.45		6.10		11.49
March 17, 2010	B	10:38	—	NA	—	NA	—
April 15, 2010		10:36	7.65		11.47		13.15
May 4, 2010		11:55	7.46		15.42		8.90
May 10, 2010		11:27	7.57		13.60		9.59
May 19, 2010		11:34	7.44		13.24		8.28
May 24, 2010		10:53	7.34		15.74		9.95
June 3, 2010		11:04	7.46		20.96		6.60
June 9, 2010		11:08	7.57		20.31		6.32
June 15, 2010		10:53	7.47		20.31		5.82
June 21, 2010		11:23	7.43		22.41		6.69
June 29, 2010	A	10:31	7.73		24.44		7.60
June 29, 2010	B	10:31	—	NA	—	NA	—
July 12, 2010		10:47	7.64		23.75		6.26
July 19, 2010	A	10:54	7.37		25.94		4.76
July 19, 2010	B	10:54	—	NA	—	NA	—
July 26, 2010		11:03	7.50		26.20		10.59
August 2, 2010		10:33	7.52		24.48		5.32
August 9, 2010		11:07	7.47		23.91		5.34
August 16, 2010		10:55	7.43		24.34		5.62
August 23, 2010		10:47	7.45		24.65		5.39
August 30, 2010		11:03	7.45		24.00		5.46
September 20, 2010		10:50	7.53		20.51		6.76
September 27, 2010		11:00	7.57		20.87		6.90
October 7, 2010		10:54	7.49		18.59		6.21
November 22, 2010		10:53	7.65		10.70		9.26
December 7, 2010		10:55	7.64		7.50		10.25
2011							
January 3, 2011		12:00	7.73		2.84		11.82
February 14, 2011		10:50	7.96		2.28		19.95
March 7, 2011		11:18	7.53		5.36		13.68
April 13, 2011		10:50	7.39		8.80		9.92
May 2, 2011		11:18	7.29		13.76		9.40
May 9, 2011		11:48	6.84		13.70		8.46
May 19, 2011		11:30	7.39		16.58		7.45
May 26, 2011	A	10:56	7.25		18.42		7.37
May 26, 2011	B	10:56	—	NA	—	NA	—
June 6, 2011		12:18	7.54		19.76		8.03
June 13, 2011		11:05	7.34		20.67		6.75
June 20, 2011		11:30	7.18		21.72		5.97
June 29, 2011		10:59	7.55		23.47		6.55
July 25, 2011		10:55	7.57		25.56		6.56
August 1, 2011		11:00	7.50		25.47		4.45
August 8, 2011		11:44	7.42		26.24		5.47

August 18, 2011		11:10	7.33		24.02		5.27
September 13, 2011	A	11:40	7.41		22.30		6.81
September 13, 2011	B	11:40	—	NA	—	NA	—
September 26, 2011		11:01	7.38		21.39		5.23
October 20, 2011		11:31	7.64		17.34		7.23
November 15, 2011	A	10:57	7.68		12.15		8.01
November 15, 2011	B	10:57	—	NA	—	NA	—
2012							
January 9, 2012		11:34	7.80		5.81		10.23
February 6, 2012	A	11:17	7.64		5.64		10.39
February 6, 2012	B	11:17	—	NA	—	NA	—
March 5, 2012		11:18	7.84		5.97		12.82
April 16, 2012	A	11:48	7.61		12.95		8.24
April 16, 2012	B	11:48	—	NA	—	NA	—
May 1, 2012		11:17	7.56		13.15		9.03
May 9, 2012	A	11:08	7.33		14.26		7.52
May 9, 2012	B	11:08	—	NA	—	NA	—
May 22, 2012		10:45	7.53		17.47		8.43
May 31, 2012	A	10:54	7.55		21.25		7.72
May 31, 2012	B	10:54	—	NA	—	NA	—
June 7, 2012		10:55	—	NAPEFAI/EQF	20.04		4.20
June 13, 2012		10:36	—	NAPEFAI/EQF	21.02		4.46
June 18, 2012	A	10:43	—	NAPEFAI/EQF	21.18		3.85
June 18, 2012	B	10:43	—	NA	—	NA	—
June 26, 2012		10:54	—	NAPEFAI/EQF	22.80		3.85
July 16, 2012		11:00	7.69		24.93		6.75
July 30, 2012		10:23	7.43		24.70		5.37
August 8, 2012		11:41	7.42		26.33		5.20
August 13, 2012		11:28	7.51		26.68		6.46
August 20, 2012	A	11:18	7.42		24.54		4.93
August 20, 2012	B	11:18	—	NA	—	NA	—
September 5, 2012	A	10:52	7.42		24.85		6.63
September 5, 2012	B	10:52	—	NA	—	NA	—
September 10, 2012		11:15	7.53		24.22		5.71
September 17, 2012		10:49	7.55		22.45		5.79
September 26, 2012		10:32	7.52		20.43		6.30
October 15, 2012	A	10:32	7.57		16.84		8.10
October 15, 2012	B	10:32	—	NA	—	NA	—
November 19, 2012		10:11	7.56		9.67		9.03
November 20, 2012		08:38	7.55		9.54		8.12
November 21, 2012		08:51	7.53		9.36		8.10
November 26, 2012	A	10:03	7.67		8.35		9.02
November 26, 2012	B	10:03	—	NA	—	NA	—
December 3, 2012		09:40	7.60		8.12		9.20
2013							
January 7, 2013	A	10:48	4.46	[redacted]	7.61		12.64
January 7, 2013	B	10:48	—	NA	—	NA	—
February 7, 2013		08:47	7.54	[redacted]	2.07		12.44
March 5, 2013		09:30	7.76	[redacted]	4.09		11.91
April 1, 2013	A	10:09	7.79	[redacted]	6.36		11.62

April 1, 2013	B	10:09	—	NA	—	NA	—
May 9, 2013		11:18	7.47	[redacted]	14.77		7.82
May 16, 2013	A	10:56	7.52	[redacted]	15.49		6.90
May 16, 2013	B	10:56	—	NA	—	NA	—
May 23, 2013		10:54	7.68	[redacted]	16.32		6.98
June 3, 2013		10:45	7.49	[redacted]	20.33		6.87
June 11, 2013		11:00	7.55	[redacted]	19.08		6.28
June 17, 2013	A	11:03	7.43	[redacted]	19.34		6.72
June 17, 2013	B	11:03	—	NA	—	NA	—
June 24, 2013		11:23	7.61	[redacted]	21.21		6.64
July 8, 2013		11:26	7.67	[redacted]	24.76		7.24
July 15, 2013		11:05	7.60	[redacted]	24.53		5.86
July 22, 2013	A	10:55	7.72	[redacted]	25.23		5.42
July 22, 2013	B	10:55	—	NA	—	NA	—
July 29, 2013	A	11:36	7.55	[redacted]	24.26		5.34
July 29, 2013	B	11:36	—	NA	—	NA	—
August 5, 2013		11:48	7.70	[redacted]	22.86		6.08
August 12, 2013		11:35	7.87	[redacted]	23.29		5.80
August 19, 2013		12:18	7.55	[redacted]	22.17		5.60
August 26, 2013		11:49	7.64	[redacted]	22.44		7.01
September 5, 2013		11:20	7.54	[redacted]	22.84		5.68
September 12, 2013		11:17	7.52	[redacted]	22.58		5.96
September 18, 2013		10:58	7.53	[redacted]	19.79		5.77
September 26, 2013	A	10:31	7.51	[redacted]	18.60		6.90
September 26, 2013	B	10:31	—	NA	—	NA	—
October 7, 2013		11:27	—	NAP	—	NAP	—
November 18, 2013		11:38	7.67	[redacted]	10.08		10.56
2014							
January 14, 2014		11:23	7.41		2.39		11.75
February 6, 2014		11:26	7.21		0.81		11.82
March 11, 2014		11:16	7.45		2.94		13.39
April 14, 2014		12:04	7.61		9.29		11.75
May 8, 2014		11:03	7.36		12.64		9.07
May 15, 2014		10:04	7.71		13.78		8.69
May 22, 2014		11:24	7.11		15.50		7.12
June 2, 2014	A	11:04	7.42		16.15		7.68
June 2, 2014	B	11:04	—	NA	—	NA	—
June 10, 2014		11:05	7.32		18.27		6.42
June 16, 2014	A	11:10	7.25		19.41		5.95
June 16, 2014	B	11:10	—	NA	—	NA	—
June 23, 2014		11:25	7.36		21.69		6.64
July 1, 2014	A	11:04	7.58		21.78		6.32
July 1, 2014	B	11:04	—	NA	—	NA	—
July 8, 2014		11:25	7.50		19.72		5.75
July 14, 2014		10:51	7.52		21.29		6.90
July 21, 2014		10:54	7.56		21.57		5.63
July 31, 2014	A	11:38	7.52		22.20		6.34
July 31, 2014	B	11:38	—	NA	—	NA	—
August 6, 2014		10:49	6.76		22.39		5.56
August 13, 2014		10:14	7.51		22.05		5.91

August 18, 2014		10:13	7.48		21.45		5.62
August 25, 2014		10:09	7.58		21.55		5.99
September 3, 2014		10:04	7.66		23.09		5.27
September 11, 2014		10:13	—	NAPEFAI/EQF	22.98		5.50
September 17, 2014	A	11:06	7.51		21.31		5.48
September 17, 2014	B	11:06	—	NA	—	NA	—
October 1, 2014		10:59	7.47		20.35		6.35
October 6, 2014		10:48	7.53		18.75		7.10
November 19, 2014		11:40	7.61		7.63		10.27
December 3, 2014		11:04	7.50		7.80		10.21

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	82.2	10.8	3	13
	81.9	8.4	2.5	8
[redacted]				
	90.8	15.4	6	16
	91.1	15.3	3	17
	90.3	15.1	4	14
	86.4	16.0	4	11
	78.6	18.6	3	10
	—	—	3	20
	61.0	—	4	18
	99.2	—	5	16
	—	—	7	16
	—	—	5	25
	47.0	—	5	14
	44.0	—	6	30
	53.8	—	3	12
	63.6	18.02	5	15
	81.1	18.08	4	17
	63.9	18.13	5	66
	73.7	14.93	4	18
	72.1	19.12	3	17
	75.5	17.36	4	20
	75.5	12.17	4	18
	86.7	13.98	4	22
	84.1	19.83	4	17
	75.4	17.7	4	18
	84.2	16.7	5	12
	80.1	20.21	4	18
	83.6	12.39	—	12
	119.4	12.9	4	24
[redacted]				
	—	17.15	5	14
	116.3	15.9	4	10
	142.9	8.55	5	9
	104.6	19.39	5	22
	111.5	18.92	4	42
	96.3	20.79	4.5	5
	88.2	23.64	3	32
	78.6	25.05	3	30
	78.9	20.80	5	18
	94.5	21.38	6.5	26
	82.5	24.14	5	17
	83.1	22.99	5	16
	66.5	24.98	3	17
	81.1	21.71	3	14
	104.8	23.74	3	22

—	—	—	18
66.5	23.05	2.5	10
72.4	26.53	4	42
—	—	—	6
—	—	—	12
71.4	28.32	—	44
95.9	26.83	—	22
80.4	26.20	5	48
94.9	8.21	3	10
106.9	16.46	3	9
[redacted]			
129.0	13.80	4	11
114.5	18.06	3	18
93.1	18.43	2	22
100.8	10.72	4	19
96.4	21.50	4	22
125.7	17.35	4	22
94.3	23.03	3	26
83.2	18.40	3	18
108.4	19.71	3	20
101.8	14.31	—	13
96.4	11.70	—	13
85.1	19.15	—	22
64.8	20.02	—	24
89.7	7.23	—	22
118.7	19.46	—	43
89.7	24.12	3	52
70.1	22.96	3	22
95.1	26.16	3	30
63.4	23.34	3.5	40
69.3	21.22	4	16
71.1	25.20	5	21
73.6	19.80	6	16
82.3	24.47	6	18
76.0	21.51	5	16
77.8	20.17	5	40
85.6	11.20	2	15
79.7	11.34	4	14
85.4	17.64	4	14
[redacted]			
86.9	18.04	3	20
119.3	27.10	3	32
131.0	18.98	3	18
98.1	20.61	3	18
114.7	15.65	5	14
98.3	13.43	4	12
112.8	19.57	2	23
71.7	20.39	4	26
78.2	22.73	4	19

	111.1		24.74		—		50	
	75.6		24.82		7		30	
	78.7		24.33		6		38	
	77.2		24.27		5		28	
	89.7		23.12		4		29	
	89.0		21.29		4		28	
	87.7		22.47		4		24	
	99.2		18.45		4		38	
	92.9		14.08		3		30	
	—		—		1		28	
	105.3		17.78		3		32	
	86.7		19.40		3		29	
	83.7		15.06		5		24	
	84.0		16.69		4		18	
	88.7		20.89		6		26	
	83.8		25.13		6		50	
	78.6		20.58		7		18	
	83.0		22.23		7		16	
	68.5		23.31		6		78	
	80.2		24.95		5		16	
	63.8		24.33		4		18	
	70.7		22.59		5		13	
	74.6		22.52		5		14	
	75.6		23.52		3		16	
	77.3		13.99		3		30	
	74.5		20.32		3		23	
	70.7		22.34		4		16	
	56.8		23.03		5		14	
	75.1		21.65		4		16	
	77.6		19.87		5		27	
	82.0		21.06		3		24	J-QC/FFB
	97.1		21.53		6		50	
	119.6		22.44		5		16	J-QC/FFD/RPO
	110.3		18.56		—	NAP	15	
NAPEFAI/EQF	—	NAPEFAI/EQF	18.41		4		15	
NAPEFAI/EQF	—	NAPEFAI/EQF	16.32		4		50	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	21.30		4		38	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.35		4		14	
NAPEFAI/EQF	—	NAPEFAI/EQF	18.66		5		14	
	69.4		13.16		4		14	
	90.6		20.02		5		17	J-QC/FLD/RPO
	88.2		22.30		5		20	
	82.1		20.12		4		13	
	71.1		11.64		5		22	
	72.9		17.88		5		10	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.96		6		28	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.39		5		10	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	17.48		6		16	

NAPEFAI/EQF	—	NAPEFAI/EQF	23.38		5		12	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	22.38		6		14	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	27.40		7		17	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	24.13		7		21	
	94.2		20.73		4		46	
[redacted]								
	97.4		7.68		2		17	
NA	—	NA	—	NA	—	NA	18	
	133.6		16.14		4		20	
	93.2		13.74		2		16	
	101.6		15.91		2		18	J-QC/FLD/RPO
	88.8		19.04		2		56	J-QC/FLD/RPO
	111.6		17.97		2		17	
	84.1		21.07		3		40	J-QC/FFB/FFDRPO
	79.2		21.54		3		51	J-QC/FFB
	73.3		22.28		4		22	
	90.1		20.78		3		41	J-QC/FFD/RPO
	103.6		22.46		6		40	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	28	J-QC/FFD/RPO
	84.8		24.12		2		55	
	66.1		21.25		2		46	
NA	—	NA	—	NA	—	NA	43	
	149.1		22.58		3		28	
	72.6		23.31		5		56	
	72.8		25.38		2		47	
	77.6		25.26		4		108	J-QC/FFD/FLDRPO
	73.7		22.57		5		43	
	72.5		—	NAPEFAI/EQF	8		35	
	86.2		23.79		3		48	
	89.9		24.14		5		46	
	73.7		17.61		5		18	
	95.4		21.21		3		22	
	96.1		18.09		5		38	
[redacted]								
	101.8		22.52		3		19	
	151.4		19.20		3		16	
	118.1		13.59		4		32	
	95.6		17.44		4		16	
	96.6		12.77		5		10	J-QC/FFD/RPO
	88.8		13.89		3		32	J-QC/FFD/FLDRPO
	82.5		12.40		2		13	
	81.9		7.18		3		24	
NA	—	NA	—	NA	—	NA	18	
	97.8		18.38		2		56	
	83.6		18.33		3		16	
	75.5		16.64		4		48	
	84.6		16.30		4		46	
	90.4		21.76		3		64	
	61.4		22.61		4		22	
	76.1		21.74		2		21	

	67.4		16.89		4		50	
	80.6		4.05		4		8	
NA	—	NA	—	NA	—	NA	6	
	64.3		14.52		6		36	
	82.6		15.49		2		47	
	83.4		18.03		2		52	
NA	—	NA	—	NA	—	NA	58	
[redacted]								
	91.4		16.81		3		41	
	94.7		20.59		2		50	
NA	—	NA	—	NA	—	NA	42	
	112.1		19.14		5		50	J-QC/FLD/RPO
	91.4		24.91		4		56	
NA	—	NA	—	NA	—	NA	54	
	97.5		20.29		2		44	J-QC/FLD/RPO
	83.7		21.57		1		62	
NA	—	NA	—	NA	—	NA	57	
	98.8		19.10		2		58	
	96.5		18.97		6		22	
NA	—	NA	—	NA	—	NA	18	
	51.5		19.71		5		17	
	55.1		16.80		4		10	
	48.4		19.51		7		18	
NA	—	NA	—	NA	—	NA	19	
	50.1		20.26		2		15	
	93.1		22.76		4		20	
	73.2		22.11		4		21	J-QC/FLD/RPO
	73.6		23.80		3		60	
	90.6		20.67		4		50	J-QC/FLD/RPO
	67.2		23.19		3		22	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	18	J-QC/FLD/RPO
	92.1		24.50		2		56	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	66	J-QC/FLD/RPO
	77.3		21.97		5		54	
	77.6		25.68		3		60	J-QC/FLD/RPO
	80.8		25.23		3		24	
	98.7		25.41		2		21	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	22	J-QC/FLD/RPO
	92.9		24.75		3		—	NA
	83.4		24.66		5		—	NA
	82.9		24.92		5		—	NA
	90.9		26.04		3		42	
NA	—	NA	—	NA	—	NA	46	
	90.5		23.40		5		51	
[redacted]								
[redacted]	110.8	[redacted]	18.99		3		46	[redacted]
NA	—	NA	—	NA	—	NA	38	[redacted]
[redacted]	101.0	[redacted]	16.61		5		16	J-QC/FFD/FLDRPO
[redacted]	102.8	[redacted]	16.89		2		16	J-QC/FLD/RPO
[redacted]	108.7	[redacted]	21.57		5		44	[redacted]

NA	—	NA	—	NA	—	NA	46	[redacted]
[redacted]	85.4	[redacted]	19.62		3		17	
	78.4		20.71		3		12	
NA	—	NA	—	NA	—	NA	11	[redacted]
[redacted]	81.3	[redacted]	21.89		2		48	J-QC/FLD/RPO
	82.1		13.41		1		10	J-QC
	74.1		14.79		5		34	[redacted]
	77.2		10.35		3		24	
NA	—	NA	—	NA	—	NA	18	
[redacted]	82.3	[redacted]	15.95		4		45	
	99.6		17.13		4		42	J-QC/FFD/RPO
[redacted]	79.3	[redacted]	21.16		5		13	[redacted]
	76.4		25.89		4.5		64	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	40	J-QC/FFD/FLDRPO
[redacted]	71.9	[redacted]	20.85		4		66	[redacted]
NA	—	NA	—	NA	—	NA	52	
[redacted]	80.5	[redacted]	21.30		2.5		51	J-QC
	77.3		22.37		2		57	J-QC
	73.7		24.43		3		18	J-QC/FLD/RPO
	94.8		28.04		1		65	J-QC/FFD/RPO
	75.2		22.85		3		52	[redacted]
	79.3		24.50		3		18	
	73.7		25.72		1		44	J-QC/FLD/RPO
	84.9		23.77		7		42	[redacted]
NA	—	NA	—	NA	—	NA	44	
NAP	—	NAP	—	NAP	—	NAP	39	
[redacted]	111.8	[redacted]	27.69		3		48	
[redacted]								
	96.4		16.97		2		34	J-QC/FFB
	88.4		22.09		2		42	J-QC
	113.7		19.97		4		39	J-QC/FFD/RPO
	113.4		16.85		2		36	
	90.0		8.18		2		18	
	92.4		16.48		2		32	
	78.2		15.02		1		32	
	88.9		20.93		3		34	
NA	—	NA	—	NA	—	NA	30	
	75.2		16.18		4		27	
	72.1		18.53		2		32	J-QC/FFB/FLDRPO
NA	—	NA	—	NA	—	NA	31	J-QC/FFB/FLDRPO
	84.2		18.75		4		28	J-QC/FFD/FLDRPO
	81.8		22.09		4		32	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	36	J-QC/FLD/RPO
	72.6		24.55		4		32	
	89.2		24.17		2		37	
	71.0		18.57		3		39	
	83.2		22.88		5		38	
NA	—	NA	—	NA	—	NA	40	
	73.1		22.63		3		44	J-QC/FFB
	78.9		26.21		4		38	

	73.2		24.58		6		32	
	79.5		26.65		5		38	
	69.3		20.62		5		34	J-QC/FLD/RPO
	74.8		25.20		4		42	J-QC/FLD/RPO
	71.0		23.69		4		36	
NA	—	NA	—	NA	—	NA	38	
	82.0		25.88		5		36	
	89.2		26.90		3		45	
	99.3		22.62		1		44	J-QC
	98.9		22.11		2		48	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.88	<2	<0.09	0.046
1.45	7	0.25	0.034
[redacted]			
0.74	2	0.25	0.037
0.80	2	<0.19	0.036
0.05	2	<0.19	0.036
1.09	2	6.00	0.078
1.08	2	<0.19	0.079
1.47	2	<0.19	0.076
0.72	<2	<0.19	0.060
0.94	2	<0.19	0.047
<1.00	4	4.01	0.049
1.21	<2	<0.19	0.051
3.28	<2	<0.19	0.080
2.19	4	<0.19	0.072
2.34	7	0.44	0.077
0.89	5	<0.19	0.083
1.36	2	<0.19	0.127
<0.30	11	<0.19	0.087
2.22	<2	<0.19	0.084
1.06	6	<0.19	0.059
1.14	<2	3.88	0.093
1.63	<2	0.23	0.101
0.67	<2	<0.19	0.064
0.92	10	<0.19	0.050
<1.00	4	<0.19	0.076
0.96	7	<0.19	0.085
0.72	7	<0.19	0.079
1.09	<2	0.30	0.053
1.47	<2	<0.19	0.051
[redacted]			
1.07	9	<0.19	0.026
1.11	5	<0.19	0.035
<1.00	6	<0.19	0.025
0.91	<2	<0.19	0.042
1.03	—	<0.19	0.050
0.83	<2	<0.19	0.059
1.08	<2	<0.27	0.044
1.26	3	<0.27	0.072
1.18	<2	<0.27	0.095
0.89	<2	<0.27	0.096
0.99	<2	<0.27	0.065
0.76	3	<0.27	0.080
1.19	<2	<0.27	0.063
1.56	<2	<0.27	0.069
1.53	3	<0.27	0.062

0.49	<2	<0.27	0.051
1.20	7	<0.27	0.052
0.97	<2	<0.27	0.076
0.85	4	<0.27	0.108
0.73	3	<0.27	0.119
0.84	<2	<0.27	0.089
0.92	4	<0.27	0.114
1.05	<2	<0.27	0.130
1.15	4	<0.27	0.073
1.24	<2	<0.27	0.040
[redacted]			
1.96	4	<0.27	0.04
0.93	<2	<0.27	0.023
1.00	7	<0.27	0.034
0.95	<2	<0.27	0.041
0.73	4	<0.295	0.052
1.71	<2	<0.295	0.073
0.86	—	<0.295	0.054
1.25	<2	<0.295	0.043
1.33	<2	<0.295	0.074
—	<2	<0.295	0.045
1.43	6	<0.295	0.055
0.75	—	<0.295	0.039
1.00	—	<0.295	0.057
0.93	<2	<0.295	0.049
1.29	5	<0.295	0.058
1.21	<2	<0.295	0.039
0.69	—	0.36	0.058
1.54	<2	<0.295	0.056
1.65	—	<0.295	0.075
1.21	—	<0.295	0.103
0.45	3	0.45	0.102
0.96	—	<0.295	0.087
0.56	—	<0.295	0.102
0.57	—	<0.295	0.102
0.74	—	0.50	0.102
0.91	—	<0.295	0.099
1.09	—	<0.295	0.056
0.55	—	<0.295	0.049
[redacted]			
1.03	—	<0.295	0.038
0.76	<2	0.689	0.032
0.95	<2	<0.295	0.113
1.86	—	0.518	0.035
0.75	<2	<0.039	0.020
0.71	—	0.060	0.026
0.76	<2	0.333	0.040
0.61	<2	0.447	0.082
<0.30	—	0.531	0.086

0.77		<2		0.302		0.111
0.41		<2		0.330		0.105
0.33		—		0.420		0.126
<0.30		<2		0.364		0.124
<0.30		<2		0.060		0.102
<0.30		<2		0.454		0.080
0.34		<2		—		0.063
[redacted]						
0.33		<2		0.082		0.038
1.30		<2		<0.039		0.036
1.37		<2		0.310		0.028
<0.30		<2		0.366		0.021
<0.30		<2		0.145		0.049
0.74		<2		0.408		0.069
<0.30		<2		0.038		0.052
<0.30		<2		0.230		0.047
0.32		<2		0.772		0.059
<0.30		<2		0.361		0.071
0.28		<2		<0.017		0.049
0.82		<2		0.302		0.058
0.37		<2		0.217		0.057
0.49		<2		0.433		0.065
1.70		<2		0.402		0.066
0.36		<2		0.501		0.053
0.82		<2		0.190		0.061
0.94		<2		0.257		0.089
0.38		<2		0.407		0.076
1.12		<2		0.398		0.109
0.62		<2		0.503		0.114
0.70		<2		0.398		0.079
<0.30		<2		0.784		0.062
[redacted]						
0.45	BJ-QC/FBK/FFBFLS	<2	K	0.433	J-QC/FSL/FMS	0.035
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.688	J-QC/FMS	0.039
0.49	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FLS	0.438	J-QC/FFB	0.037
1.38	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.590		0.041
1.16	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.303		0.059
1.18	BJ-QC/FBK/FFB	<2	K	0.438		0.074
0.95	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.438		0.076
1.02	B/FBK	<2	K	0.485	J-QC/FFB	0.088
<0.30	KJ-QC/FFD/RPO	<2	K	0.418		0.076
0.96		<2	KJ-QC/FLS	0.334		0.060
<0.30	KBJ-QC/FBK/FLS	<2	K	0.315		0.040
0.50	BJ-QC/FBK/FLS	<2	K	0.259		0.037
<0.30	K	<2	KJ-QC/FLS	0.142		0.050
1.47	BJ-QC/FBK/FFB	<2	K	0.615		0.063
0.68	J-QC/FFD/RPOFLS	<2	K	0.193		0.111
1.27	BJ-QC/FBK/FFBFLS	<2	K	0.203		0.046
0.44	BJ-QC/FBK/FFBFLS	<2	K	0.219		0.052
1.11	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.055

0.89	BJ-QC/FBK/FFB	<2	K	0.229	J-QC/FSL	0.050
1.80	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	0.254		0.063
0.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.300		0.068
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FLS	0.198		0.062
0.99	BJ-QC/FBK/FFBFLS	<2	K	0.152		0.066
[redacted]						
1.25	BJ-QC/FBK/FFBFLS	<2	K	0.349		0.0223
1.37	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.339		0.0200
0.88	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.096		0.0191
0.99	BJ-QC/FBK/FFB	<2	K	0.347	J-QC/FSL	0.0502
0.69	BJ-QC/FBK/FFBFFDRPO	<2	K	0.332		0.0587
0.41	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.171		0.0481
0.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.272		0.0611
0.71	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.216		0.0697
0.57	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.171		0.0682
0.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.151		0.0567
0.72	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.272		0.0819
0.59	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.201		0.0539
0.44	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	—	NAPQNS	0.186		0.0528
0.69	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.252		0.0300
0.65	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.292		0.0649
0.61	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.277		0.0618
<0.30	KBJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.387		0.0630
0.61	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.335		0.0578
0.56	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.299		0.0549
0.58	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.419		0.0714
0.53	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.404		0.0718
0.59	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.409		0.0851
0.63	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.346		0.0559
0.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.330		0.0715
0.42	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.529		0.1005
0.58	BJ-QC/FBK/FFBFLSEHT	<2	K	0.342		0.0400
0.91	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.151		0.0401
[redacted]						
0.58	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0175	K	0.0461
0.30	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.481		0.0394
1.31	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.304		0.0236
1.14	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.235		0.0273
1.54	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.267		0.0251
1.34	BJ-QC/FBK/FFB	<2	K	0.327		0.0329
1.10	BJ-QC/FBK/FFBFLS	<2	K	0.376		0.0472
1.85	BJ-QC/FBK/FFB	<2	K	0.256		0.0376
1.92	BJ-QC/FBK/FFB	<2	K	0.261		0.0533
0.91	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.218		0.0339
0.78	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.332		0.0392
1.17	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.441		0.0532
1.25	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.354		0.0496
0.60	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.588	J-QC/FFD/RPO	0.0407
<0.30	KB-JQCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.430	J-QC/FFB	0.0399
0.31	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.561		0.0515

1.42	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.550		0.0387
1.89	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.392		0.0601
2.06	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.376		0.0599
1.11	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.031	J-R	0.0579
1.35	BJ-QC/FBK/FFBFLS	<2	K	0.257		0.0394
1.65	BJ-QC/FBK/FFBFFDRPO	<2	K	0.221		0.0412
2.43	BJ-QC/FBK/FFBFFDRPO	<2	K	0.242		0.0423
[redacted]						
0.84	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.277		0.0341
0.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.441	J-QC/FSL	0.0303
0.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.441	J-QC/FSL	0.0294
0.99	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.398		0.0388
0.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.371		0.0524
0.77	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.397		0.0515
0.53	BJ-QC/FBK/FFBFFDRPO	<2	K	0.356		0.0641
1.49	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.439	J-QC/FMS	0.0722
1.65	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.408	J-QC/FMS	0.0723
0.99	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.439		0.0596
0.49	BJ-QC/FBK/FFBFLS	<2	K	0.335	J-QC/FMS	0.0589
0.59	BJ-QC/FBK/FFBFLS	<2	K	0.345	J-QC/FMS	0.0484
0.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.225		0.0663
1.01	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.377	J-QC/FMS	0.0637
<0.30	KBJ-QC/FBK/FFB	<2	K	0.220	J-QC/FMS	0.0549
<0.30	KBJ-QC/FBK/FFB	<2	K	0.204	J-QC/FMS	0.0548
0.98	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.251	J-QC/FSL/FMS	0.0413
0.56	BJ-QC/FBK/FFBFLS	<2	K	0.174	J-QC/FSL/FMS	0.0379
0.65	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.322		0.0601
0.71	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.354	J-QC/FSL	0.0712
0.66	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.174		0.0645
0.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.269		0.0598
0.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.280		0.0588
0.48	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.275		0.1592
0.49	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.259		0.1576
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.164		0.1460
0.47	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.169		0.1618
0.41	BJ-QC/FBK/FFBFLS	<2	K	0.396	J-QC/FSL/FMS	0.1287
0.54	BJ-QC/FBK/FFB	3	J-QC/FLS	0.443	J-QC/FMS	0.0859
0.42	BJ-QC/FBK/FFB	3	J-QC/FLS	0.464	J-QC/FMS	0.0871
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—
—	NA	<2	KJ-QC/FLS	0.364	J-QC/FMS	0.0589
—	NA	<2	KJ-QC/FLS	0.385	J-QC/FMS	0.0583
—	NA	<2	KJ-HT/EHT	0.208	J-QC/FMS	0.0533
[redacted]						
—	NA	<2	KJ-QC/FMS	0.312	J-QC/LLS/FMS	0.0437
—	NA	<2	KJ-QC/FMS	0.333	J-QC/LLS/FMS	0.0424
—	NA	<2	KJ-QC/FMS	0.451	J-QC/FMS	0.0316
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.650		0.0336
—	NA	<2	KJ-QC/FMS	0.462	J-QC/FMS	0.0271

—	NA	<2	KJ-QC/FMS	0.439	J-QC/FMS	0.0275
—	NA	<2	KJ-QC/FMS	0.664		0.0594
0.61	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.477		0.0663
1.54	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.477		0.0678
0.68	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.335	J/LLS	0.0488
2.16	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.397	J-QC/LLS/FSLFMS	0.0667
1.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.341	J-QC/LLS/FMS	0.0631
1.85	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.289	J-QC/LLS/FMS	0.0535
1.85	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.301	J-QC/LLS/FMS	0.0538
1.56	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.267	J-QC/LLS/FMS	0.0366
1.38	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	K	0.0399
0.88	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.187	J-QC/LLS/FFDRPC	0.0459
0.52	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	K	0.0398
0.51	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	K	0.0395
0.42	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.127	J-RJ-QC/LLS/FSL	0.0538
0.51	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.139	J-RJ-QC/LLS/FSL	0.0533
1.14	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0461
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.253	J-QC/LLS	0.0447
1.11	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.307	J/LLS	0.0430
0.38	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.392	J/LLS	0.0491
0.36	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.235	J-QC/LLS/FFDRPC	0.0517
0.30	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.356	J/LLS	0.0557
0.43	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FMS	0.392	J/LLS	0.0603
0.64	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.404		0.0656
0.39	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.422		0.0667
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.277	J/LLS	0.0603
0.70	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.473		0.0552
[redacted]						
1.15	BJ-QC/FBK/FFBFMS	<2	K	0.446		0.0296
0.53	BJ-QCJ-HT/FBK/FFB	7		0.584	J-QC/FFB	0.0513
2.40	BJ-QC/FBK/FFB	<2	KJ-HT	0.298	J/LLS	0.0352
0.56	BJ-QC/FBK/FFB	<2	K	0.277	J-QC/LLS/FFB	0.0203
1.56	BJ-QC/FBK/FFB	<2	K	0.216	J-QC/LLS	0.0257
1.24	BJ-QC/FBK/FFB	<2	K	0.148	J-QC/LLS/FFB	0.0312
0.96	BJ-QC/FBK/FFBFLDRPO	<2	K	0.313	J-QC/LLS/FFB	0.0564
0.73	BJ-QC/FBK/FFBFLDRPO	<2	K	0.386	J-QC/LLS/FSL	0.0527
0.74	BJ-QC/FBK/FFBFLDRPO	<2	K	0.392	J-QC/LLS/FSL	0.0525
0.41	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	0.290	J-QC/LLS/FFB	0.0545
0.94	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.386	J-QC/LLS/FFB	0.0534
0.70	BJ-QC/FBK/FFBFMS	<2	K	0.392	J-QC/LLS/FFB	0.0538
0.72	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.340	J-QC/LLS/FFB	0.0596
1.28	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0393
1.32	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0378
0.81	BJ-QC/FBK/FFB	<2	K	0.323	J/LLS	0.0494
0.68	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	K	0.0312
0.78	BJ-QC/FBK/FFBFMS	<2	K	0.390	J/LLS	0.0489
0.65	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.050	J-R/LLS	0.0400
0.41	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0403
0.45	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.117	J-QC/LLS/FMS	0.0408
0.53	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0411

0.58	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	KJ-HT	0.206	J/LLS	0.0500
0.28	BJ-RJ-QCJ-HT/LLS/FBKFFBFMS	<2	KJ-QCJ-HT	<0.0267	KJ-QC/FFD/RPO	0.0437
1.06	BJ-QCK-HT/FBK/FFBFFDFLDRPOFMS	<2	K	0.100	J-QC/LLS/FFDRPC	0.0957
0.69	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0451
0.76	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.113	J-QC/LLS/FFBFSL	0.0688
0.74	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.164	J-QC/LLS/FFBFSL	0.0693
0.68	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	K	0.396	J/LLS	0.0740
0.64	BJ-QCJ-HT/FBK/FFB	<2	KJ-QC	0.345	LS/FFBFLDRPOF	0.0873
0.52	BJ-QC/FBK/FFBFMS	<2	K	0.340	J-QC/LLS	0.0767
0.59	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.301	J/LLS	0.0625

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.86	0.175	0.19	0.79
	0.92	0.152	0.06	0.47
	0.40	0.109	0.09	7.6
	0.76	0.104	0.12	5.3
	0.63	0.107	0.11	2.7
	1.66	0.141	0.15	6.1
	0.68	0.154	0.16	3.4
	0.63	0.167	0.18	1.6
	0.86	0.239	0.14	3.8
	0.60	0.130	0.14	4.2
	2.13	0.145	0.15	2.9
	0.45	0.153	0.13	3.1
	0.80	0.227	0.25	4.7
	0.68	0.201	0.23	2.52
	0.76	0.271	0.24	2.52
	0.69	0.202	0.20	2.04
	0.77	0.220	0.22	4.65
	0.70	0.244	0.21	3.46
	0.96	0.204	0.21	6.18
	0.63	0.176	0.17	5.08
	0.58	0.198	0.25	2.86
	0.78	0.254	0.26	5.93
	0.61	0.190	0.30	3.25
	0.51	0.137	0.16	4.07
	0.87	0.175	0.18	1.02
	1.33	0.175	0.19	1.43
	1.13	0.160	0.13	0.9
	0.89	0.126	0.14	0.93
	0.80	0.192	0.12	0.70
	0.52	0.086	0.08	2.12
	0.89	0.087	0.06	34.44
	0.68	0.121	0.16	3.73
	0.63	0.111	0.11	1.36
	0.84	0.137	0.12	4.01
	0.60	0.117	0.20	2.43
	0.53	0.121	0.13	–
	0.71	0.202	0.17	–
	0.44	0.133	0.17	–
	0.92	0.166	0.15	–
	0.44	0.191	0.14	–
	0.54	0.209	0.20	–
	0.62	0.214	0.21	–
	0.49	0.301	0.27	–
	0.82	0.226	0.20	–

0.34	0.212	0.23	—
0.48	0.263	0.26	—
0.44	0.229	0.25	—
0.46	0.146	0.18	—
0.67	0.249	0.22	—
0.73	0.182	0.19	—
0.77	0.273	0.25	—
0.59	0.210	0.22	—
0.86	0.172	0.20	—
0.90	0.120	0.14	—
[redacted]			
0.76	0.14	0.12	—
0.62	0.083	0.10	—
0.90	0.101	0.11	—
0.64	0.112	0.27	—
0.65	0.137	0.11	—
0.80	0.135	0.15	—
0.49	0.120	—	—
0.45	0.145	0.12	—
0.50	0.203	0.18	—
0.62	0.138	0.15	—
0.56	0.205	0.20	—
0.52	0.138	—	—
0.54	0.180	—	—
0.40	0.157	0.17	—
0.41	0.188	0.15	—
0.48	0.154	0.13	—
0.43	—	0.17	—
1.61	0.173	0.17	—
0.72	0.134	0.22	—
0.76	0.210	0.20	—
0.51	0.195	0.17	—
0.51	0.171	0.16	—
0.41	0.153	0.14	—
0.41	0.173	0.18	—
0.90	0.194	0.19	—
0.94	0.203	0.19	—
0.82	0.131	0.12	—
1.02	0.150	0.13	—
[redacted]			
0.521	0.137	0.12	1.4
0.467	0.148	0.12	3.1
0.462	0.119	0.12	3.8
0.503	0.101	0.06	9.2
0.357	0.089	0.05	88.8
0.418	0.078	0.07	40.9
0.373	0.123	0.09	4.4
0.493	0.241	0.22	6.4
0.617	0.205	—	3.7

	0.889		0.137		—		5.3
	0.786		0.24		0.15		<3.0
	0.858		0.19		0.21		<3.0
	0.759		0.19		0.16		<3.0
	0.802		0.20		0.17		<3.0
	0.739		0.17		0.15		3.2
	0.594		0.15		0.12		<3.0
[redacted]							
	0.724		0.10		0.10		<1.1
	0.997		0.20		0.14		<1.1
	0.673		0.08		0.08		1.2
	0.445		0.04		0.07		3.7
	0.371		0.18		0.09		5.1
	1.22		0.08		0.14		4.5
	0.641		0.23		0.09		8.2
	0.517		0.12		0.12		<2.4
	0.821		0.17		0.13		5.7
	0.525		0.15		0.14		3.4
	0.744		0.18		0.18		2.8
	0.497		0.18		0.17		<2.4
	0.429		0.17		0.17		5.2
	0.499		0.20		0.19		<2.4
	0.528		0.24		0.23		3.0
	0.908		0.17		0.18		4.4
	0.843		0.22		0.15		10.1
	0.802		0.25		0.25		3.3
	0.370		0.19		0.19		<2.4
	0.530		0.22		0.20		4.6
	1.10		0.19		0.18		5.1
	0.880		0.16		0.15		4.0
	0.726		0.10		0.12		5.2
[redacted]							
	0.653		0.10	J-QC/FFB	0.06		<2.4
	0.798	J-QC/FLS	<0.05	K	0.10		<2.4
	0.758		0.07		<0.05	K	<2.4
	0.942		0.23	J-QC/FFB	0.09		5.0
	1.01		0.13		0.10		<2.4
J-QC/FFB	0.479		0.14		0.12		<2.4
	1.43		0.12		0.13		1.1
	1.07		0.14		0.15		<0.4
	0.835		0.14		0.16		<0.4
	0.382		0.15		0.14	J-QC/FFB	1.0
J-QCJ-HT/FFB/EHT	0.360		0.13		0.13		2.9
	0.404	J-QC/FFB	0.15		0.12		3.8
	0.572		0.16		0.15		2.9
J-QC/FFB	0.710		0.23		0.21		1.6
	0.524		0.18		0.17		2.5
	0.607		—	NAPQNS	—	NAPQNS	2.3
	0.636		0.20	J-QC/FFD/RPO	0.17		3.0
J-QC/FFB	0.568		—	NAP	0.31	J-QC/FFB	1.9

J-QC/FFB	0.428		0.16		0.17		3.6	
	0.662		0.23	J-QC/FFB	0.21		0.8	J-R
	0.512		0.20	J-QC/FFB	0.15		0.4	J-R
J-QC/FFB	0.666		0.16		0.14		2.1	J-QC/FFD/RPO
	0.686		0.14		0.13		0.8	J-R
[redacted]								
	0.532		0.10		0.10		9.0	
	0.532		0.11		0.09		9.1	
J-QC/FFB	0.672		0.09		0.07		51.7	
	0.412		0.12		0.11		3.2	
	0.601		0.14		0.12		1.6	J-RJ-QC/FSL
	0.428	J-QC/FFB	0.12		0.12		1.7	J-R
	0.653		0.15		0.13		1.8	J-R
	0.472		0.14		0.11		3.0	J-QC/FFD/RPO
	0.357		0.14		0.12		3.4	
J-QC/FFB	0.358		0.16		0.14		1.4	J-R
	0.565		0.18		0.16		2.0	J-R
	0.280		0.16		0.14		10.7	
	0.357		0.16		0.13		11.4	
	0.451		0.21		0.15		4.4	J-QC/FSL
J-QC/FFB	0.302		0.24		0.22		2.9	J-QC/FSL
J-QC/FFB	0.263		0.21		0.20		2.3	J-RJ-QC/FSL
	0.240		0.23		0.20		7.5	
	0.338		0.21		0.19		5.2	
J-QC/FFB	0.286		0.21		0.19		6.1	
J-QC/FFB	0.510		0.22		0.20		<1.3	KJ-QC/FSL
	0.556	J-QC/FFD/RPO	0.23		0.20		26.6	
J-QC/FFB	0.694		0.24		0.21		1.5	J-R
	0.513		0.19		0.17		1.9	J-R
J-QC/FFB	0.561		0.19		0.15	J-QC/FLS	4.3	
	0.662		0.22	J-QC/FFD/RPO	0.19		<1.3	K
J-QC/FFB	0.696		0.13		0.12		<1.3	K
	1.13		0.18	J-QC/FFB	0.12		<1.3	K
[redacted]								
	1.5100	J-QC/FLS	0.11		0.10		1.9	J-R
J-QC/FFB	0.9370		0.11	J-QC/FFB/FLS	0.07		17.5	
	1.0546		0.10	J-QC/FFD/RPO	0.07		4.9	J-QC/FFD/RPO
	2.2907		0.08		0.07		4.1	
	<0.0267	K	0.11		0.10		5.2	
J-QC/FFB	0.4417		0.10		0.07	J-QC/FFB/FFDRPC	3.6	J-QC/FSL
	0.7360		0.13		0.12		3.2	
J-QC/FFD/RPO	0.8368	J-QC/FFB/FLS	0.13		0.12		5.6	
J-QC/FFD/RPO	1.1018	J-QC/FFB/FLS	0.11		0.11		5.0	
	0.2873		0.13	J-QC/FFD/RPO	0.09		10.7	
	0.5535	J-QC/FLS	0.13	J-QC/FFD/RPO	0.12		1.6	J-R
J-QC/FFB	0.6092		0.14	J-QC/FFD/RPOFLS	0.13		7.2	
J-QC/FFB	0.5356	J-QC/FLS	0.13		0.11	J-QC/FFB	5.6	
J-QC/FFB	0.6210	J-QC/FLS	0.16		0.14		8.8	
J-QC/FFB	0.3186		0.19	J-QC/FFB	0.16		9.56	
J-QC/FFB	0.4353	J-QC/FFB	0.20		0.22	J-QC/FFB	8.02	

J-QC/FFB	0.5525		0.22	J-QC/FLS	0.19		3.0	
	0.5289	J-QC/FLS	0.07	J-QC/FLS	0.12		1.85	J-QC/FFD/RPO
	0.4965	J-QC/FLS	0.06	J-QC/FLS	0.11		2.64	J-QC/FFD/RPO
J-QC/FFB	0.6457		0.11	J-QC/FFB/FLDRPO	0.10		<0.913	K
J-QC/FFB	0.6571		0.14	J-QC/FFB/FLS	0.11		1.53	J-R
J-QC/FFB	0.6431		0.10	J-QC/FLS	0.10		2.06	J-QC/FFD/RPO
J-QC/FFB	0.6595		0.11	J-QC/FLS	0.10		3.21	J-QC/FFD/RPO
[redacted]								
J-QC/FFB	0.6904		0.09	J-QC/FFD/RPO	0.09	J-QC/FFD/RPO	2.36	
J-QC/FFB	0.8491	J-QC/FFB	0.07		0.08		0.57	
J-QC/FFB	0.8096	J-QC/FFB	0.08		0.07		0.60	
J-QC/FFB	0.9040	J-QC/FLS	0.10		0.08		4.50	J-QC/FFD/RPO
J-QC/FFB	0.6866		0.11		0.10		3.30	
J-QC/FFB	0.6648		0.12		0.09		2.80	
J-QC/FFB	0.8295	J-QC/FFB	0.14		0.10		7.77	J-QC/FSL
J-QC/FFB	0.7013	J-QC/FFB	0.12		0.11		3.87	
J-QC/FFB	0.5313	J-QC/FFB	0.11		0.10		3.52	
J-QC/FFB	0.6817	J-QC/FFD/RPO	0.12		0.11		3.90	
	0.5599		0.13		0.09		3.84	
	0.4976		0.12		0.10		3.28	
J-QC/FFB	0.6814		0.16	J-QC/FFB	0.13		4.17	J-QC/FSL
J-QC/FFB	0.5970		0.16		0.14	J-QC/FFB	—	NAPQNS
J-QC/FFB	0.7250		0.15		0.12		32.0	
J-QC/FFB	0.7495		0.14		0.12		25.9	
	0.6634	J-QC/FLS	0.13		0.13		9.60	
J-QC/FFB	3.1033	J-OUT	0.15		0.13		21.2	
J-HT/EHT	0.7539	J-QC/FLS	0.20		0.18		1.97	
	0.4805	J-QC/FFB	0.22	J-QC/FLS	0.19	J-QC/FLS	4.11	
	0.7648		0.25	J-QC/FFD/RPO	0.17		2.18	J-QC/FFD/RPO
	0.6335	J-QC/FLS	0.19		0.18		2.37	
	0.6956	J-QC/FLS	0.17		0.18		2.93	
	0.5340		0.18		0.17		2.18	J-QC/FFD/RPO
	0.5433		0.18		0.16		1.56	J-QC/FFD/RPO
	0.9578		0.19		0.18		3.45	J-QC/FFD/RPO
	0.7722		0.18		0.16		3.54	J-QC/FSL
J-QC/FFB	0.7546	J-QC/FFB	0.19	J-QC/FLS	0.17		2.30	J-QC/FSL
	0.5594	J-HT/EHT	0.16		0.16		1.51	J-QC/FFD/RPOFSL
	0.6107	J-HT/EHT	0.16		0.16		0.90	J-QC/FFD/RPOFSL
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
NA	—	NA	—	NA	—	NA	—	NA
J-QC/FFB	0.6359		0.13		0.12		1.44	
J-QC/FFB	0.6558		0.13		0.12		1.79	
J-QC/FFB	0.8487		0.12		0.11		<0.234	KJ-QC/FFD/RPO
[redacted]								
J-QC/FFB	0.6680	[redacted]	0.12	J-QC	0.11	J-QC/FFD/RPO	1.19	J/LLS
J-QC/FFB	0.7167		0.10	[redacted]	0.08	J-QC/FFD/RPO	1.18	J/LLS
J-QC/FFB	0.5635		0.08		0.08	[redacted]	0.825	J-QC/LLS/FFDRPO
[redacted]	0.7818	J-QC/FFB	0.09		0.08		1.58	J-QC/LLS/FFDRPO
J-QC/FFB	0.6254	J-QC/FFB	0.08		0.06	J-QC/FLD/RPO	11.4	J-QC/FFD/RPO

J-QC/FFB	0.7001	J-QC/FFB	0.07	[redacted]	0.05	J-QC/FLD/RPO	6.03	J-QC/FFD/RPO
J-QC/FFB	0.6009	[redacted]	0.13		0.11	J-QC/FSL	2.96	J-QC/FFB/FFDRPO
[redacted]	0.9969	J-QC/FFB	0.16		0.14	J-QC	1.32	J/LLS
	1.0080	J-QC/FFB	0.14		0.13	J-QC	1.34	J/LLS
J-QC/FFB	0.7764	J-QC/FLS	0.13		0.12	J-QC/FFB	1.99	J-QC/LLS/FFDRPO
J-QC/FFB	0.7141	J-QC/FFB	0.15		0.15	J-QC/FLD/RPO	1.92	J-QC/LLS/FFDRPO
[redacted]	0.5390	[redacted]	0.15		0.14	J-QC/FLD/RPO	2.46	[redacted]
J-QC/FFB	0.6612		0.15		0.15	J-QC	2.34	
J-QC/FFB	0.5157		0.14		0.14	J-QC	2.00	
J-QC/FFB	0.5647	CJ-HT/FFD/RPOE	0.13	J-QC/FLD/RPO	0.12	[redacted]	0.247	J-RJ-QC/LLS/FFDRPC
J-QC/FFB	0.4614	[redacted]	0.14	[redacted]	0.13	J-QC/FMS	5.46	J-QC/FFB/FFDRPO
J-QC/FFB	0.4290	[redacted]	0.15	J-QC/FSL	0.14	J-QC	2.27	[redacted]
[redacted]	0.3680	J-QC/FLS	0.13	[redacted]	0.13	[redacted]	3.52	J-QC/FFB/FFDRPO
	0.3501	J-QC/FLS	0.16		0.14		5.33	J-QC/FFB/FFDRPO
	0.8598	J-QC/FFB	0.20	J-QC/FFB/FSL	0.15		3.73	[redacted]
	0.8805	J-QC/FFB	0.20	J-QC/FFB/FSL	0.15		3.90	
	0.6066	J-QC/FFB	0.17	[redacted]	0.16		3.50	
J-QC/FFB	0.5234	J-QC	0.16		0.14		0.710	J-QC/LLS/FFDRPO
J-QC/FFB	0.5118	[redacted]	0.16		0.13		2.86	[redacted]
J-QC/FFB	0.4844	[redacted]	0.15	[redacted]	0.16	[redacted]	2.92	J-QC/FFD/RPO
J-QC/FFB	0.5415		0.17		0.15		4.83	J-QC/FFB
J-QC/FFB	0.5078		0.18	J-QC	0.13	J-QC/FFD/RPO	2.72	J-QC/FFB
[redacted]	0.6713		0.16	[redacted]	0.15	J-QC	3.15	[redacted]
	0.8318	J-QC/FLS	0.17		0.15	J-QC/FFB	1.19	J/LLS
	0.6840	J-QC/FLS	0.16		0.17	J-QC/FFB	1.26	J/LLS
J-QC/FFB	0.4255	J-QCJ-HT/EHT	0.15	J-QC/FMS	0.13	[redacted]	1.34	J-QC/LLS/FFB
[redacted]	0.5847	J-QC/FLS	0.15	[redacted]	0.14		0.932	J/LLS
[redacted]								
	0.6022	J-QC/FFB/FLS	0.10		0.09		1.02	J/LLS
J-QC/FFB	0.6683		0.10		0.08		2.93	
J-QC/FFB	0.7921		0.09		0.07		4.40	
	0.6029	J-HT	0.07	J-QC	0.05	J-QC	4.72	
J-QC/FFB	0.7467	J-QC/FLS	0.11	J-QC/FFB/FMS	0.09		1.62	J-QC/LLS/FFDRPO
J-QC/FFB	0.7052		0.12	J-QC/FFB/FMS	0.11	J-QC/FFB	1.82	J-QC/LLS
	0.6542	J-QC/FLS	0.12	J-QC	0.11	J-QC/FFB	9.82	
J-QC/FFB	0.4487		0.11		0.08		4.44	
J-QC/FFB	0.4010		0.10		0.07		3.44	
J-QCJ-HT/FFB	0.5476		0.07		0.11		2.99	
J-QC/FFB	0.4700		0.14		0.11		1.94	J/LLS
J-QC/FFB	0.4956		0.12		0.12		2.02	J/LLS
J-QC/FFB	0.5530		0.13		0.13		2.83	
J-QC/FFB	0.3406		0.12		0.11		2.90	
J-QC/FFB	0.3347		0.11		0.10		2.57	
J-QC/FFB	0.5732		0.18	J-QC/FMS	0.16	J-QC/FMS	2.88	
	0.3952		0.14	J-QC/FFB	0.12		2.79	
J-QC/FFB	0.6108		0.17		0.16		2.83	
	0.3490		0.15		0.14		1.25	-QC/LLS/FFBFFDRPC
	0.3980		0.14		0.14		1.92	-QC/LLS/FFBFFDRPC
	0.4320		0.15		0.15		8.70	
	0.2253		0.15		0.13		14.1	

J-QC/FFB	0.4026	J-HT	0.20		0.16		15.4	
	0.4574		0.16	J-QC/FMS	0.15		10.8	
	0.7634		0.32		0.28		15.0	
	0.3417		0.17	J-QC/FFB	0.15	J-QC	13.2	
J-QC/FFB	0.6263		0.20	J-QC/FFB	0.18	J-QC	8.29	
J-QC/FFB	0.6222		0.20	J-QC/FFB	0.17	J-QC	8.53	
J-QC/FFB	0.5442		0.19		0.16		9.86	
J-QC/FFB	0.5111	J-HT	0.21		0.17		2.24	
J-QC/FFB	1.2003	J-QC/FLS	0.23		0.20		1.00	J-QC/LLS/FFDRPO
J-QC/FFB	0.7277		0.18	J-QC/FMS	0.14		2.98	

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
4.4	0.00	0.01
5.8	0.00	0.11
[redacted]		
8.1	0.45	0.45
4.1	0.00	0.00
4.0	0.00	0.05
20.0	0.00	0.00
5.6	0.00	0.10
1.5	0.27	0.53
3.0	0.00	0.00
5.4	0.00	0.31
6.2	0.00	0.00
1.4	0.00	0.00
7.0	0.00	0.57
4.1	0.00	0.00
1.2	0.09	0.94
<0.5	0.00	0.02
32.4	0.39	0.39
6.0	0.00	0.00
3.5	0.00	0.00
5.6	0.00	0.10
7.6	0.00	0.00
6.3	0.00	0.00
1.1	0.53	2.80
<0.5	0.04	0.04
7.5	0.00	0.00
6.2	0.00	0.00
4.6	0.01	0.04
5.2	0.03	0.44
4.2	0.00	0.00
[redacted]		
1.6	0.01	0.01
<0.5	0.01	0.14
1.1	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.05	0.05
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.66	0.66
3.6	0.46	0.50
2.7	0.95	1.78
2.6	0.00	0.04
2.7	0.00	0.00

4.1	0.00	0.00	[redacted]
2.9	0.00	0.00	
2.8	0.00	0.00	
1.9	0.00	0.00	
1.7	0.00	0.00	
2.3	0.00	0.00	
2.3	0.00	0.12	
2.6	0.00	0.00	
3.3	0.03	0.03	
7.0	0.00	0.00	
[redacted]			
6.7	0.04	0.04	
5.5	0.01	0.14	
5.7	0.00	0.00	
3.5	0.00	0.00	
3.8	0.00	0.00	
3.9	0.00	0.00	
—	0.22	0.22	
1.5	0.00	0.00	
2.5	0.00	0.00	
1.8	0.25	1.44	
3.1	0.33	2.38	
—	0.00	0.00	
—	0.36	0.36	
5.7	0.00	0.00	
6.3	0.15	0.15	
5.1	0.00	0.00	
5.5	0.00	0.02	
14.6	0.00	0.00	
7.3	0.57	1.19	
4.1	0.02	0.37	
7.5	0.00	0.00	
5.9	0.00	0.00	
2.3	0.00	0.00	
3.1	0.00	0.41	
2.2	0.00	0.00	
2.6	0.00	0.00	
2.8	0.04	0.23	
1.1	0.00	0.00	
[redacted]			
1.1	0.00	0.00	
1.8	0.24	0.26	
<0.5	0.00	0.06	
2.6	0.25	0.25	
0.6	0.01	0.18	
1.5	0.32	0.74	
1.4	0.66	0.66	
3.9	0.00	1.48	
2.0	0.00	0.00	

1.1		0.05	0.05
5.2		0.00	0.00
5.4		0.00	0.00
4.5		0.00	0.00
5.7		0.00	0.22
5.3		0.01	1.37
3.6		0.08	0.57
[redacted]			
2.8		0.00	0.00
2.6		0.08	0.08
3.9		0.00	0.00
5.0		0.00	0.00
3.5		0.00	0.00
3.6		0.00	0.00
3.7		0.15	0.20
3.8		0.00	0.00
4.8		0.00	0.01
5.6		0.04	0.21
7.8		0.01	0.83
4.6		0.00	0.00
4.9		0.00	0.00
5.3		0.00	0.00
3.3		0.00	1.17
3.3		0.00	0.00
2.9		0.00	0.00
3.7		0.00	0.00
2.9		0.00	0.00
2.8		0.00	0.00
6.6		0.00	0.17
20.7		0.15	0.38
3.8		0.12	1.05
[redacted]			
3.8		0.00	0.00
4.2		0.00	0.00
4.1	J-QC/FFB	0.00	0.15
4.2		0.00	0.00
4.4	J-QC/FFD/RPO	0.54	1.15
21.6		0.00	0.00
5.6		0.00	0.00
5.8		0.00	0.00
3.7		0.00	0.00
—	NAPEFAI/EQF	0.00	0.66
4.9		0.00	0.20
4.7		0.00	0.00
4.1		0.15	1.69
5.2		0.00	1.70
5.6	J-QC/FFB	0.41	0.42
—	NAPQNS	0.00	0.00
4.8	J-QC/FFB	0.01	0.11
4.7	J-QC/FFB	0.00	0.00

4.0	J-QC/FFB	0.00	0.00
4.7	J-QC/FFB	0.00	0.00
4.5	J-QC/FFB/FFDRPO	0.00	0.00
3.6		0.00	0.00
4.0	J-QC/FFB	0.00	0.00
[redacted]			
7.20	J-QC/FFB	0.00	0.01
5.60	J-QC/FFB	0.00	0.01
4.40		0.00	0.00
4.86		0.03	2.06
4.54		0.00	0.00
3.90		0.01	1.44
4.10	J-QC/FFB	0.00	0.00
3.89	J-QC/FFB	0.00	0.00
3.82	J-QC/FFB	1.11	1.11
4.00	J-QC/FFB	0.00	0.00
4.18	J-QC/FFB	0.00	0.00
3.80		0.00	0.00
3.80		0.00	0.00
3.50	J-QC/FFB	0.00	0.17
3.10	J-QC/FFB	0.05	0.05
3.00	J-QC/FFB	0.05	0.05
3.70	J-QC/FFB	0.00	0.28
2.80	J-QC/FFB	0.00	0.04
4.00	BJ-QC/FBK/FFB	0.00	0.00
3.80	J-QC/FFB	1.24	1.41
3.60	J-QC/FFB	0.34	1.06
3.40	B/FBK	0.00	0.00
3.40	BJ-QC/FBK/FFB	0.00	0.00
3.40	BJ-QC/FBK/FFB	1.05	1.05
3.00		0.00	0.00
4.30	J-QC/FFB	0.00	0.00
4.50		0.00	0.00
[redacted]			
4.7		0.00	0.02
4.7	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB	0.17	2.58
2.7	J-QC/FFB	0.64	1.31
3.9	B/FBK	0.00	0.00
4.0	BJ-QC/FBK/FFB	0.00	0.00
4.0	J-QC/FFB	0.01	2.40
4.4		0.00	0.00
4.2		0.00	0.00
2.6	J-QC/FFB	0.00	0.00
2.7	J-QC/FFB	0.04	0.05
3.0	J-QC/FFB/FFDRPO	0.00	0.00
3.6	J-QC/FFB	0.00	0.00
4.0	J-QC/FFB	0.39	0.39
3.4	J-QC/FFB	0.28	0.29
3.6	J-QC/FFB	0.00	0.12

3.8	J-QC/FFB	0.07	0.07
5.4	J-QC/FFB	0.00	0.00
5.1	J-QC/FFB	0.00	0.00
4.3	J-QC/FFB	0.00	0.00
3.4		0.04	1.03
3.8		0.00	0.00
3.2		0.00	0.00
[redacted]			
3.2		0.00	0.00
3.1	J-QC/FFB	0.00	0.00
—	A	0.00	0.00
3.6	BJ-QC/FBK/FFB	0.00	0.00
1.6	J-QC/FFB	0.00	0.00
1.6	J-QC/FFB	0.00	0.00
1.6	J-QC/FFB	0.62	0.62
2.3	J-QC/FFB	0.27	0.30
1.7	J-QC/FFB	0.27	0.30
2.2		0.20	2.14
2.0	J-QC/FFB	0.00	0.02
2.0	J-QC/FFB	0.00	0.02
3.5	J-QC/FFB	0.09	0.67
3.0	J-QC/FFB	0.93	2.05
2.3	BJ-QC/FBK/FFB	0.00	0.00
2.3	BJ-QC/FBK/FFB	0.00	0.00
2.4		0.00	0.95
3.0	J-QC/FFB	0.00	0.26
2.5	J-QC/FFB/FFDRPO	0.00	0.00
—	NAPEFAI/EQF	0.00	0.00
2.8	J-QC/FFB/FFDRPO	0.00	0.00
2.5	J-QC/FFB	0.00	0.00
2.2	J-QC/FFB	0.00	0.00
2.4	J-QC/FFB	0.11	0.70
2.1	J-QC/FFB	0.11	0.70
2.2	J-QC/FFD/RPO	0.00	0.06
1.8	J-QC/FFB/FFDFLDRPO	0.00	0.00
2.4		0.00	0.00
3.0		0.35	0.35
2.8		0.35	0.35
—	NA	0.00	0.00
—	NA	0.00	0.00
—	NA	0.00	0.00
3.2	BJ-QC/FBK/FFB	0.46	0.46
3.4	BJ-QC/FBK/FFB	0.46	0.46
2.8	BJ-QC/FBK/FFB	0.03	0.03
[redacted]			
4.22	BJ-QC/FBK/FFB	0.00	0.00
3.99	BJ-QC/FBK/FFB	0.00	0.00
2.85	J-QC/FFB	0.72	0.72
3.38	BJ-QC/FBK/FFB	0.00	0.00
3.2	J-QC/FFD/RPO	0.00	0.00

2.0	J-QC/FFD/RPO	0.00	0.00
2.5		0.08	1.54
2.7	J-QC/FFD/RPO	0.00	0.00
5.4	J-QC/FFD/RPO	0.00	0.00
2.1	J-QC/FFD/RPO	0.35	0.88
4.5		0.00	0.55
4.6	J-QC/FFB/FSL	0.00	0.04
5.3		0.14	0.27
4.8		0.14	0.27
4.5		0.11	0.11
3.8	J-QC/FFB	0.00	0.00
5.1	J-QC/FMS	0.00	0.00
3.7	J-QC/FLD/RPO	0.19	0.19
3.3	J-QC/FLD/RPO	0.19	0.19
3.9	J-QC	0.02	0.52
3.7	J-QC	0.02	0.52
3.4		0.00	0.00
3.4	J-QC	0.40	0.40
3.0	J-QC/FFB	0.00	0.00
2.2	J-QC	0.03	0.03
3.1	J-QC/FSL	0.00	0.00
2.3	J-QC/FLD/RPOFMS	0.52	0.52
2.4	J-QC/FMS	0.00	0.00
2.8	QC/FBK/FFBFLDRPOFSLF	0.00	0.00
2.4	QC/FBK/FFBFLDRPOFSLF	0.00	0.00
2.94	J-QC/FFB/FFDRPO	0.40	0.40
5.17		0.19	0.19
[redacted]			
2.6	J-QC/FMS	0.35	0.35
1.9	J-QC/FMS	0.00	1.44
2.0	J-QC/FMS	0.00	0.00
3.1	J-QC	0.00	0.00
7.1		0.52	0.52
4.8		0.03	0.03
5.1		0.40	0.40
5.6		0.00	0.00
5.9		0.00	0.00
4.0	J-QC/FMS	0.00	2.46
3.9		0.00	0.00
3.9		0.00	0.00
3.9		0.00	0.00
1.8	J-QC/FMS	0.00	0.00
1.5	J-QC/FMS	0.00	0.00
1.2	J-QC/FMS	0.49	0.49
1.2		0.75	0.84
1.1	J-QC/FMS	0.00	0.00
1.5		0.00	0.00
1.4		0.00	0.00
1.8	J-QC	0.00	0.00
1.1	B/FBK	0.55	0.64

3.0		0.00	0.00
1.9	B/FBK	0.00	0.00
3.6		0.00	0.00
1.7		0.00	0.00
2.6	J-QC/FLD/RPO	0.00	0.73
2.0	J-QC/FLD/RPO	0.00	0.73
1.9		0.00	0.00
0.8		0.00	0.00
2.7		0.00	0.00
2.5		0.08	0.16

[redacted]

Station #18 Lower Newark Bay 1	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 2, 2003	12:30	6.90	8.8	8.48
December 16, 2003	11:45	6.70	5.7	9.23
2004				
March 31, 2004	09:20	7.64	6.9	9.83
April 6, 2004	10:45	7.93	6.3	10.16
April 22, 2004	10:20	6.89	10.7	9.70
May 18, 2004	11:35	7.41	16.6	7.02
May 25, 2004	11:25	7.18	18.5	6.28
June 1, 2004	—	7.42	—	—
June 16, 2004	11:20	7.44	—	6.00
June 23, 2004	11:00	7.69	19.7	9.40
July 1, 2004	11:32	7.48	19.8	—
July 7, 2004	11:10	7.47	—	—
July 14, 2004	11:14	7.50	22.3	—
July 21, 2004	10:20	7.51	24.5	—
July 28, 2004	11:30	7.08	—	4.78
August 4, 2004	11:37	7.32	24.38	4.70
August 11, 2004	11:00	7.57	23.16	4.99
August 18, 2004	11:28	7.28	22.70	4.72
August 25, 2004	11:06	7.34	23.38	5.46
September 1, 2004	11:00	7.60	23.68	5.09
September 15, 2004	12:00	6.66	22.74	5.45
September 22, 2004	11:06	7.62	21.07	6.09
September 29, 2004	11:40	7.43	21.11	6.75
October 14, 2004	11:35	—	17.92	7.09
October 26, 2004	09:54	—	14.2	6.99
November 8, 2004	11:59	—	13.0	7.77
November 22, 2004	10:30	7.55	10.68	7.93
December 8, 2004	10:08	7.62	8.24	8.91
December 16, 2004	11:55	—	6.8	13.17
2005				
February 23, 2005	10:50	—	3.11	—
March 21, 2005	10:53	—	4.3	12.89
April 13, 2005	10:06	—	9.98	14.96
May 5, 2005	09:56	7.67	10.73	10.49
May 11, 2005	11:09	7.66	12.46	10.60
May 19, 2005	12:00	7.67	14.54	8.56
May 24, 2005	10:36	7.51	14.30	7.91
May 31, 2005	09:49	7.40	15.71	6.73
June 8, 2005	10:53	7.36	18.12	6.48
June 15, 2005	11:24	7.44	21.95	6.89
June 22, 2005	10:39	7.41	19.53	6.37
June 29, 2005	09:43	7.29	22.65	6.19
July 6, 2005	09:36	7.31	22.54	5.17
July 28, 2005	10:25	7.47	26.04	5.86
August 3, 2005	10:16	—	24.27	5.90

August 11, 2005	—	—	—	—
August 17, 2005	10:50	7.37	25.14	4.51
August 25, 2005	11:06	—	24.33	5.27
September 8, 2005	—	—	—	—
September 12, 2005	—	—	—	—
September 20, 2005	10:14	7.36	23.75	4.86
September 27, 2005	11:04	7.46	22.38	6.74
October 6, 2005	11:16	7.37	20.63	6.38
October 18, 2005	11:56	—	16.69	8.76
December 21, 2005	11:06	6.64	5.71	11.50
2006				
January 5, 2006	11:11	7.68	5.56	14.68
January 30, 2006	10:53	7.76	5.33	12.69
February 14, 2006	11:38	7.50	4.04	10.73
March 27, 2006	11:40	8.06	6.19	10.40
April 18, 2006	11:00	7.82	11.01	8.95
April 27, 2006	11:15	7.52	12.07	11.83
May 11, 2006	11:52	7.59	14.19	8.19
June 13, 2006	12:30	7.52	17.39	7.21
June 20, 2006	11:17	7.40	19.66	8.33
June 29, 2006	11:36	7.34	21.57	8.09
July 6, 2006	10:41	7.26	21.58	7.98
July 11, 2006	11:19	7.41	20.02	6.94
July 18, 2006	10:32	7.21	23.63	4.95
July 27, 2006	10:46	7.27	23.97	6.64
August 3, 2006	10:33	7.56	24.83	6.50
August 9, 2006	10:36	7.73	23.26	6.12
August 16, 2006	11:01	7.35	23.69	4.96
August 23, 2006	10:19	7.44	24.02	6.08
August 29, 2006	09:57	7.23	23.22	4.90
September 6, 2006	10:30	7.33	21.10	5.46
September 12, 2006	11:57	7.41	21.23	5.17
September 21, 2006	11:28	7.41	20.75	5.84
September 28, 2006	11:23	7.52	19.77	5.52
October 2, 2006	11:10	7.41	19.33	5.85
October 16, 2006	11:18	7.51	16.79	6.45
October 30, 2006	12:12	7.66	12.59	8.00
November 14, 2006	12:23	7.60	13.06	6.75
December 11, 2006	12:35	7.64	8.86	8.23
2007				
January 22, 2007	10:44	7.67	5.29	9.74
February 22, 2007	11:04	7.64	1.86	13.51
March 8, 2007	10:49	7.99	2.01	11.37
March 19, 2007	12:27	8.01	3.69	10.73
April 3, 2007	12:15	7.90	6.20	11.95
May 2, 2007	11:57	7.52	11.08	9.72
May 16, 2007	10:49	7.56	15.38	9.84
Boat engine failure - 5/18/07				
August 22, 2007	11:47	7.40	21.98	5.44
August 30, 2007	10:26	7.39	22.81	6.23

September 10, 2007	10:34	7.48		24.00	7.79
October 3, 2007	11:33	7.36		20.97	5.68
October 15, 2007	11:16	7.38		19.12	6.21
October 29, 2007	11:21	7.22		16.57	6.52
November 14, 2007	11:34	—		11.73	8.40
November 27, 2007	11:30	—		9.59	8.74
December 10, 2007	11:41	—		6.68	9.27
2008					
January 7, 2008	11:51	—		4.93	10.72
February 4, 2008	11:32	7.70		4.22	10.75
March 10, 2008	11:21	7.70		4.93	—
April 7, 2008	11:14	7.82		7.44	11.22
May 8, 2008	12:33	7.60		14.15	7.89
May 15, 2008	10:43	7.49		14.09	7.97
May 22, 2008	11:38	7.53		13.68	7.88
June 2, 2008	11:47	7.66		15.68	7.80
June 9, 2008	11:39	7.52		19.14	6.73
June 16, 2008	11:27	7.47		20.24	6.44
June 23, 2008	11:38	7.47		21.26	6.83
July 7, 2008	12:05	7.37		21.75	5.46
July 22, 2008	11:47	7.42		23.69	5.50
August 4, 2008	10:34	7.33		23.78	4.89
August 12, 2008	11:14	7.38		22.66	5.50
August 18, 2008	10:31	7.41		22.56	5.49
August 25, 2008	10:58	7.43		23.18	5.63
September 8, 2008	11:17	7.34		24.00	6.13
September 15, 2008	10:54	7.15		22.49	5.79
September 22, 2008	11:02	6.65		20.96	6.25
October 6, 2008	10:48	—		18.48	4.65
November 6, 2008	10:40	—		13.00	6.83
December 1, 2008	11:26	7.35		7.94	8.03
2009					
January 27, 2009	10:56	7.23		2.12	10.79
February 25, 2009	12:01	7.48		2.94	11.14
March 10, 2009	10:54	7.65		3.91	13.63
April 8, 2009	11:02	7.43		7.86	11.11
May 4, 2009	11:52	7.27		12.87	—
May 19, 2009	10:25	7.17		14.21	—
May 27, 2009	10:53	7.25		16.21	—
June 1, 2009	11:19	7.20		17.28	—
June 8, 2009	12:25	7.28		18.30	—
June 22, 2009	11:11	7.38		19.60	5.72
July 13, 2009	12:39	7.24		21.59	6.85
July 20, 2009	11:44	—	NAPEFAI/EQF	21.96	6.50
July 27, 2009	12:41	—	NAPEFAI/EQF	22.96	5.94
August 3, 2009	11:08	—	NAPEFAI/EQF	24.20	5.52
August 10, 2009	11:44	—	NAPEFAI/EQF	22.88	5.10
August 17, 2009	10:57	—	NAPEFAI/EQF	23.86	—
August 24, 2009	11:48	—	NAPEFAI/EQF	25.51	—
August 31, 2009	11:46	—	NAPEFAI/EQF	23.47	—

September 9, 2009	11:00	—	NAPEFAI/EQF	22.71	—
September 14, 2009	10:50	—	NAPEFAI/EQF	21.42	—
September 21, 2009	10:48	—	NAPEFAI/EQF	—	—
October 6, 2009	11:53	—	NAPEFAI/EQF	17.92	—
November 23, 2009	12:07	7.72		11.41	8.84
2010					
March 17, 2010	10:36	7.67		5.71	10.76
April 15, 2010	10:34	7.71		9.98	13.55
May 4, 2010	11:53	7.61		14.64	9.55
May 10, 2010	11:25	7.56		12.37	10.20
May 19, 2010	11:32	7.41		13.14	8.63
May 24, 2010	10:50	7.36		15.25	10.70
June 3, 2010	11:00	7.43		20.35	6.71
June 9, 2010	11:05	7.53		19.84	6.77
June 15, 2010	10:51	7.46		19.57	6.34
June 21, 2010	11:20	7.43		21.51	6.94
June 29, 2010	10:29	7.70		23.01	7.06
July 12, 2010	10:45	7.63		23.32	6.57
July 19, 2010	10:50	7.35		25.41	5.50
July 26, 2010	11:00	7.48		25.15	10.22
August 2, 2010	10:30	7.48		24.14	5.31
August 9, 2010	11:10	7.49		25.18	5.84
August 16, 2010	10:48	7.41		24.00	5.40
August 23, 2010	10:44	7.42		24.65	5.29
August 30, 2010	11:00	7.45		23.71	5.45
September 20, 2010	10:47	7.43		20.33	7.24
September 27, 2010	10:56	7.55		20.78	7.17
October 7, 2010	10:50	7.45		18.56	6.34
November 22, 2010	10:51	7.67		10.72	9.66
December 7, 2010	11:00	7.66		6.65	10.71
2011					
January 3, 2011	11:55	7.55		2.74	11.24
February 14, 2011	10:45	8.03		2.36	15.61
March 7, 2011	11:15	7.42		4.74	12.97
April 13, 2011	10:47	7.40		8.73	10.09
May 2, 2011	11:15	7.28		11.81	11.13
May 9, 2011	11:45	6.92		12.96	8.51
May 19, 2011	11:27	7.45		14.81	7.50
May 26, 2011	10:51	7.38		16.31	7.74
June 6, 2011	12:15	7.49		18.19	8.01
June 13, 2011	11:00	7.34		19.73	7.00
June 20, 2011	11:25	7.11		21.08	6.13
June 29, 2011	10:55	7.48		21.91	5.85
July 25, 2011	10:50	7.51		23.62	6.11
August 1, 2011	10:55	7.49		24.46	4.49
August 8, 2011	11:40	7.38		25.35	5.20
August 18, 2011	11:07	7.30		23.59	4.43
September 13, 2011	11:35	7.29		21.24	5.79
September 26, 2011	10:56	7.46		20.15	5.42
October 20, 2011	11:29	7.60		17.35	7.14

November 15, 2011	10:55	7.69		12.26	7.85
2012					
January 9, 2012	11:32	7.66		7.39	9.36
February 6, 2012	11:15	7.65		5.79	10.29
March 5, 2012	11:15	7.73		6.13	10.61
April 16, 2012	11:46	7.78		11.71	8.44
May 1, 2012	11:13	7.53		12.62	9.21
May 9, 2012	11:06	7.34		13.91	7.66
May 22, 2012	10:40	7.51		17.03	8.45
May 31, 2012	10:49	7.50		20.01	8.87
June 7, 2012	10:50	—	NAPEFAI/EQF	19.50	4.22
June 13, 2012	10:33	—	NAPEFAI/EQF	20.70	4.36
June 18, 2012	10:39	—	NAPEFAI/EQF	20.93	3.51
June 26, 2012	10:50	—	NAPEFAI/EQF	22.63	3.97
July 16, 2012	10:55	7.73		24.04	6.47
July 30, 2012	10:20	7.40		24.36	5.22
August 8, 2012	11:37	7.40		25.78	5.38
August 13, 2012	11:25	7.37		26.08	5.64
August 20, 2012	11:15	7.30		23.89	4.73
September 5, 2012	10:47	7.40		24.70	6.54
September 10, 2012	11:10	7.45		24.51	5.26
September 17, 2012	10:47	7.47		21.88	5.11
September 26, 2012	10:30	7.47		20.46	6.04
October 15, 2012	10:30	7.59		16.79	8.01
November 19, 2012	10:08	7.51		9.61	9.23
November 20, 2012	08:36	7.46		9.66	8.47
November 21, 2012	08:46	7.43		9.58	8.08
November 26, 2012	09:59	7.62		8.98	8.74
December 3, 2012	09:38	7.60		8.31	9.20
2013					
January 7, 2013	10:45	4.50		7.60	12.85
February 7, 2013	08:45	7.47		3.24	11.82
March 5, 2013	09:28	7.71		3.97	11.75
April 1, 2013	10:05	7.81		6.15	11.48
May 9, 2013	11:15	7.44		14.50	7.70
May 16, 2013	10:54	7.49		14.73	7.10
May 23, 2013	10:52	7.88		16.05	6.94
June 3, 2013	10:42	7.38		16.95	7.06
June 11, 2013	10:56	7.48		18.12	6.34
June 17, 2013	10:56	7.46		19.26	6.75
June 24, 2013	11:20	7.66		20.25	6.81
July 8, 2013	11:21	7.63		19.22	6.21
July 15, 2013	11:00	7.67		22.90	5.32
July 22, 2013	10:50	7.87		24.72	5.50
July 29, 2013	11:32	7.54		24.18	5.46
August 5, 2013	11:41	7.50		22.20	5.14
August 12, 2013	11:31	7.95		23.10	5.50
August 19, 2013	12:15	7.51		22.03	5.45
August 26, 2013	11:45	7.61		22.36	6.94
September 5, 2013	11:22	7.50		22.39	5.11

September 12, 2013	11:15	7.57	[redacted]	21.90		5.64
September 18, 2013	10:56	7.49		19.46		5.66
September 26, 2013	10:28	7.42		18.63		6.81
October 7, 2013	11:25	—	NAP	—	NAP	—
November 18, 2013	11:36	7.64	[redacted]	9.99		10.60
2014						
January 14, 2014	11:20	7.45		2.63		11.35
February 6, 2014	11:23	7.09		0.82		10.90
March 11, 2014	11:14	7.57		2.80		13.35
April 14, 2014	12:02	7.81		8.29		11.64
May 8, 2014	11:01	7.09		10.13		8.76
May 15, 2014	10:00	7.97		11.90		9.51
May 22, 2014	11:20	7.07		14.55		7.10
June 2, 2014	11:00	7.44		15.53		7.71
June 10, 2014	11:03	7.32		17.33		6.60
June 16, 2014	11:08	7.32		18.43		6.10
June 23, 2014	11:22	7.39		19.56		6.56
July 1, 2014	11:01	7.64		21.26		6.13
July 8, 2014	11:21	7.53		20.67		5.87
July 14, 2014	10:48	7.55		20.83		7.15
July 21, 2014	10:52	7.55		22.28		5.81
July 31, 2014	11:33	7.53		21.87		6.36
August 6, 2014	10:45	6.84		22.02		5.58
August 13, 2014	10:10	7.64		21.97		5.95
August 18, 2014	10:10	7.52		21.41		5.63
August 25, 2014	10:05	7.83		21.32		6.07
September 3, 2014	10:00	7.54		22.76		5.21
September 11, 2014	10:10	—	NAPEFAI/EQF	22.87		5.42
September 17, 2014	11:04	7.45		21.54		5.42
October 1, 2014	10:57	7.44		20.47		6.44
October 6, 2014	10:44	7.47		18.72		7.31
November 19, 2014	11:35	7.26		8.41		9.92
December 3, 2014	11:00	7.44		7.83		10.47
[redacted]						

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	80.8	14.4	—	30
	82.9	17.4	—	19
[redacted]				
	90.6	17.2	—	16
	91.4	15.7	—	18
	99.2	20.2	—	15
	82.0	20.7	—	16
	76.8	21.1	—	18
	—	—	—	17
	—	—	—	13
	103.1	—	—	16
	—	—	—	19
	—	—	—	15
	—	—	—	16
	—	—	—	33
	55.4	—	—	18
	63.5	20.87	—	16
	65.9	21.09	—	9
	61.6	20.77	—	70
	71.0	17.05	—	12
	67.3	19.70	—	20
	70.5	18.80	—	20
	73.8	12.95	—	49
	82.9	15.05	—	10
	85.0	21.36	—	26
	76.5	19.0	—	22
	83.2	19.7	—	18
	81.9	21.73	—	20
	82.3	13.18	—	14
	117.8	13.4	—	72
[redacted]				
	—	17.45	—	20
	112.9	19.6	—	12
	140.7	9.84	—	10
	108.1	21.38	—	35
	110.9	17.44	—	30
	95.9	21.48	—	16
	89.3	23.90	—	34
	79.6	26.39	—	39
	78.4	22.61	—	24
	89.4	22.79	—	43
	80.5	24.98	—	24
	81.9	25.30	—	24
	69.6	26.43	—	23
	81.6	21.98	—	12
	81.3	25.44	—	18

—	—	—	19
62.6	24.27	—	12
73.2	26.57	—	49
—	—	—	16
—	—	—	12
67.8	28.99	—	34
91.1	28.10	—	28
83.1	27.11	—	49
95.7	10.49	—	12
106.2	22.39	—	21
[redacted]			
131.2	17.70	—	22
115.4	21.18	—	18
94.0	20.57	—	36
97.2	22.68	—	21
93.2	21.70	—	24
123.7	18.70	—	27
92.5	23.93	—	26
85.9	22.37	—	24
104.4	23.08	—	21
100.5	15.94	—	21
98.4	14.12	—	20
86.1	20.59	—	22
65.5	20.31	—	22
90.8	24.30	—	46
88.6	22.86	—	61
82.4	24.66	—	58
67.5	24.68	—	20
83.7	25.81	—	18
66.2	25.03	—	49
69.8	22.32	—	24
68.3	26.76	—	22
74.1	21.53	—	20
71.4	27.98	—	30
74.1	26.09	—	24
77.3	25.13	—	52
82.1	13.56	—	22
75.0	24.23	—	14
84.0	26.08	—	30
[redacted]			
87.4	19.44	—	32
117.9	28.00	—	32
96.1	22.63	—	26
94.5	20.87	—	30
108.9	18.83	—	29
97.8	15.83	—	22
111.3	19.95	—	24
70.7	21.14	—	34
83.4	24.31	—	26

	106.5		25.15	—	42	
	73.9		25.45	—	42	
	78.2		25.66	—	42	
	77.5		24.47	—	26	
	90.5		24.68	—	29	
	88.2		21.96	—	20	
	88.2		23.34	—	18	
	98.5		24.17	—	38	
	93.4		18.48	—	35	
	—		—	—	42	
	105.1		17.83	—	37	
	86.9		20.35	—	56	
	86.0		17.04	—	63	
	85.5		19.20	—	52	
	90.3		22.99	—	24	
	84.5		25.42	—	60	
	81.5		22.92	—	15	
	88.5		23.78	—	16	
	71.4		24.32	—	50	
	75.3		26.24	—	22	
	66.8		25.34	—	25	
	73.0		24.54	—	45	
	72.6		23.56	—	30	
	75.9		24.51	—	22	
	82.4		22.80	—	54	
	75.2		21.32	—	22	
	80.7		23.06	—	18	
	57.0		23.67	—	24	
	74.4		22.16	—	20	
	77.5		20.88	—	42	
	89.8		21.55	—	16	J-QC/FFB
	96.2		23.35	—	72	
	121.1		22.73	—	28	J-QC/FFD/RPO
	106.2		19.49	—	20	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.13	—	21	
NAPEFAI/EQF	—	NAPEFAI/EQF	18.86	—	36	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	22.02	—	26	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.59	—	17	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.82	—	14	
	68.1		14.62	—	12	
	87.7		20.71	—	14	J-QC/FLD/RPO
	85.0		23.40	—	19	
	78.3		20.91	—	22	
	72.3		16.76	—	50	
	66.9		20.80	—	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.73	—	18	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.71	—	18	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	20.14	—	15	

NAPEFAI/EQF	—	NAPEFAI/EQF	23.93		—	18	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	24.30		—	14	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	22.56		—	14	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	24.80		—	12	
	92.6		21.30		—	48	
[redacted]							
	96.7		17.96		—	NA 29	
	135.3		19.06		—	NA 59	
	103.1		16.71		—	NA 32	
	107.1		20.60		—	NA 48	J-QC/FLD/RPO
	92.2		19.35		—	NA 40	J-QC/FLD/RPO
	117.2		18.98		—	NA 35	
	83.5		21.22		—	NA 48	J-QC/FFB/FFDRPO
	83.9		22.82		—	NA 51	J-QC/FFB
	77.8		23.16		—	NA 46	
	88.2		22.29		—	NA 38	J-QC/FFD/RPO
	94.4		24.47		—	NA 44	J-QC/FFD/RPO
	87.9		24.42		—	NA 60	
	74.1		22.87		—	NA 35	
	140.1		23.56		—	NA 24	
	72.4		23.87		—	NA 54	
	82.1		24.18		—	NA 48	
	74.2		25.96		—	NA 192	J-QC/FFD/FLDRPO
	72.3		23.15		—	NA 47	
	72.8		—	NAPEFAI/EQF	—	NA 45	
	91.2		23.96		—	NA 46	
	91.1		24.32		—	NA 50	
	74.9		18.18		—	NA 19	
	98.7		21.34		—	NA 26	
	97.2		16.22		—	NA 52	
[redacted]							
	97.4		22.98		—	NA 22	
	132.5		22.70		—	NA 17	
	112.4		15.24		—	NA 42	
	97.3		17.82		—	NA 22	
	107.4		18.25		—	NA 24	J-QC/FFD/RPO
	88.7		15.61		—	NA 64	J-QC/FFD/FLDRPO
	82.3		17.47		—	NA 32	
	85.4		15.25		—	NA 59	
	95.1		19.36		—	NA 56	
	85.8		20.05		—	NA 20	
	77.3		19.78		—	NA 52	
	75.3		20.60		—	NA 60	
	82.1		23.70		—	NA 80	
	60.9		23.58		—	NA 25	
	71.9		22.97		—	NA 34	
	59.2		23.60		—	NA 66	
	69.3		11.34		—	NA 18	
	67.2		18.50		—	NA 40	
	81.8		15.57		—	NA 48	

	83.3	20.85	—	NA	50	
	89.9	21.89	—	NA	59	
	94.6	21.38	—	NA	57	
	98.9	22.00	—	NA	52	J-QC/FLD/RPO
	92.2	26.82	—	NA	62	
	99.4	22.52	—	NA	56	J-QC/FLD/RPO
	85.4	22.75	—	NA	70	
	98.5	20.08	—	NA	58	
	113.7	22.34	—	NA	20	
	51.2	22.41	—	NA	20	
	54.2	20.06	—	NA	95	
	44.6	21.71	—	NA	19	
	51.4	20.47	—	NA	32	
	87.6	23.72	—	NA	20	
	70.4	23.66	—	NA	22	J-QC/FLD/RPO
	75.3	25.29	—	NA	58	
	79.6	24.45	—	NA	66	J-QC/FLD/RPO
	63.1	24.52	—	NA	24	J-QC/FLD/RPO
	90.8	25.86	—	NA	63	J-QC/FLD/RPO
	72.3	23.84	—	NA	63	
	68.3	27.12	—	NA	74	J-QC/FLD/RPO
	77.8	25.36	—	NA	30	
	96.2	25.63	—	NA	65	J-QC/FLD/RPO
	95.3	25.11	—	NA	—	NA
	84.2	25.06	—	NA	—	NA
	83.6	25.36	—	NA	—	NA
	89.9	26.88	—	NA	58	
	91.5	24.14	—	NA	60	
	113.4		19.88	—	NA	50	
	101.7		20.91	—	NA	20	J-QC/FFD/FLDRPO
	101.3		18.23	—	NA	56	J-QC/FLD/RPO
	107.1		22.10	—	NA	48	
	85.9		21.70	—	NA	22	
	81.2		24.28	—	NA	20	
	80.5		21.93	—	NA	66	J-QC/FLD/RPO
	81.6		20.07	—	NA	12	J-QC
	74.7		19.96	—	NA	74	
	77.9		13.45	—	NA	61	
	83.8		18.94	—	NA	168	
	78.8		26.00	—	NA	54	J-QC/FFD/RPO
	69.8		22.25	—	NA	24	
	77.1		26.55	—	NA	54	J-QC/FFD/FLDRPO
	73.2		20.97	—	NA	68	
	68.2		24.86	—	NA	53	J-QC
	73.8		23.93	—	NA	52	J-QC
	72.9		24.99	—	NA	20	J-QC/FLD/RPO
	93.6		28.17	—	NA	58	J-QC/FFD/RPO
	67.2		23.94	—	NA	56	

[redacted]	74.6	[redacted]	25.88		—	NA	30	
	72.3		26.52		—	NA	46	J-QC/FLD/RPO
	84.6		24.91		—	NA	46	
NAP	—	NAP	—	NAP	—	NA	50	
[redacted]	112.1	[redacted]	27.74		—	NA	48	
[redacted]								
	96.6		21.39		—	NA	46	J-QC/FFB
	89.5		22.87		—	NA	44	J-QC
	114.1		23.45		—	NA	52	J-QC/FFD/RPO
	111.0		17.58		—	NA	49	
	88.1		19.34		—	NA	41	
	100.3		22.11		—	NA	60	
	78.1		18.31		—	NA	42	
	89.1		22.42		—	NA	47	
	76.9		19.13		—	NA	51	
	73.4		20.38		—	NA	50	J-QC/FFB/FLDRPO
	81.5		22.03		—	NA	39	J-QC/FFD/FLDRPO
	79.2		23.19		—	NA	36	J-QC/FLD/RPO
	74.5		23.69		—	NA	40	
	92.2		24.96		—	NA	46	
	74.0		17.26		—	NA	44	
	82.9		23.59		—	NA	38	
	72.9		24.35		—	NA	50	J-QC/FFB
	79.0		26.42		—	NA	40	
	73.7		25.79		—	NA	40	
	80.1		27.09		—	NA	36	
	68.6		22.12		—	NA	32	J-QC/FLD/RPO
	74.5		25.86		—	NA	72	J-QC/FLD/RPO
	70.7		24.81		—	NA	38	
	83.3		26.05		—	NA	42	
	91.7		26.92		—	NA	50	
	99.7		24.98		—	NA	50	J-QC
	101.1		22.50		—	NA	46	J-QC
[redacted]								

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrite-Nitrogen NO2-N (mg/L)
2.08	<2	<0.09	0.034
1.29	<2	1.63	0.028
0.65	2	0.21	0.032
0.59	2	<0.19	0.026
0.07	2	<0.19	0.037
1.04	2	<0.19	0.088
1.19	2	<0.19	0.073
1.00	2	<0.19	0.073
0.80	<2	<0.19	0.060
0.49	2	<0.19	0.042
<1.00	12	2.49	0.044
0.38	<2	<0.19	0.051
2.85	4	<0.19	0.061
1.94	4	<0.19	0.650
3.20	3	0.28	0.078
2.06	11	<0.19	0.074
1.36	2	<0.19	0.124
1.24	10	<0.19	0.064
2.34	5	8.00	0.078
1.10	<2	<0.19	0.051
1.17	<2	<0.19	0.087
1.67	<2	<0.19	0.090
0.76	3	<0.19	0.059
0.82	<2	<0.19	0.039
0.87	3	<0.19	0.052
0.84	12	<0.19	0.047
1.39	8	<0.19	0.073
1.46	3	0.40	0.052
0.95	<2	<0.19	0.052
0.85	4	<0.19	0.020
1.12	7	<0.19	0.034
<1.00	<2	<0.19	0.031
0.84	<2	<0.19	0.033
1.02	—	<0.19	0.042
1.00	<2	<0.19	0.042
1.02	5	<0.27	0.042
1.04	6	<0.27	0.069
1.12	<2	<0.27	0.089
0.89	<2	<0.27	0.087
1.02	<2	<0.27	0.053
1.02	<2	<0.27	0.068
1.04	<2	<0.27	0.070
0.96	<2	<0.27	0.076
1.19	3	<0.27	0.052

0.90	<2	<0.27	0.051
1.04	6	<0.27	0.045
1.18	<2	<0.27	0.072
0.83	<2	<0.27	0.102
0.79	<2	<0.27	0.108
0.88	<2	<0.27	0.079
1.31	<2	<0.27	0.093
1.01	6	<0.27	0.110
1.05	6	<0.27	0.067
<1.00	4	<0.27	0.030
[redacted]			
1.20	4	<0.27	0.04
0.89	<2	<0.27	0.022
1.02	4	<0.27	0.027
0.90	<2	<0.27	0.030
0.69	4	<0.295	0.053
1.43	4	<0.295	0.061
0.72	—	<0.295	0.047
1.27	9	<0.295	0.063
1.22	<2	<0.295	0.054
0.83	10	<0.295	0.057
0.78	5	<0.295	0.042
0.74	—	<0.295	0.033
1.08	—	<0.295	0.054
1.32	4	<0.295	0.061
1.20	7	<0.295	0.030
1.14	<2	<0.295	0.033
1.59	—	0.33	0.055
1.05	3	<0.295	0.050
1.72	<2	<0.295	0.074
1.07	—	<0.295	0.086
0.71	—	0.47	0.098
1.02	—	<0.295	0.078
0.59	—	<0.295	0.095
0.69	—	<0.295	0.095
0.43	—	0.54	0.083
0.65	—	<0.295	0.058
0.81	<2	<0.295	0.037
0.83	—	<0.295	0.034
[redacted]			
0.64	—	<0.295	0.028
0.61	<2	0.517	0.030
0.42	<2	<0.295	0.031
1.19	—	0.296	0.034
0.64	<2	0.264	0.024
0.63	—	0.134	0.020
0.60	—	0.088	0.036
<0.30	<2	0.708	0.082
<0.30	—	0.473	0.091

0.32		<2		0.286		0.112	
0.56		<2		0.356		0.102	
<0.30		—		0.424		0.115	
<0.30		<2		0.557		0.124	
<0.30		<2		0.090		0.082	
<0.30		<2		0.398		0.065	
<0.30		<2		0.060		0.063	
[redacted]							
0.30		<2		0.043	J-R	0.037	
0.43		<2		<0.039		0.029	
1.52		<2		0.323		0.032	
0.69		<2		0.357		0.020	
0.51		<2		0.030	J-R	0.043	
0.71		<2		0.378		0.053	
<0.30		<2		0.323		0.039	
<0.30		<2		0.293		0.040	
<0.30		<2		0.397		0.055	
0.33		<2		0.325		0.099	
<0.30		<2		<0.017		0.057	
1.00		<2		0.356		0.054	
0.54		<2		0.298		0.049	
0.51		<2		0.510		0.052	
1.14		<2		0.343		0.054	
<0.30		<2		0.338		0.050	
0.48		<2		0.266		0.056	
<0.30		<2		0.248		0.070	
0.38		<2		<0.017		0.074	
0.36		<2		0.330		0.105	
<0.30		<2		0.484		0.092	
<0.30		<2		0.340		0.068	
<0.30		<2		0.745		0.050	
[redacted]							
0.49	BJ-QC/FBK/FFBFLS	<2	K	0.367	J-QC/FSL/FMS	0.029	
0.99	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.571	J-QC/FMS	0.038	
0.98	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.046	J-QC/FFB	0.030	
1.19	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.511		0.035	
0.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.381		0.048	
1.33	BJ-QC/FBK/FFB	<2	K	0.496		0.084	J-QC/FFB
0.85	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.428		0.062	
0.84	B/FBK	—	NAPQNS	0.511	J-QC/FFB	0.072	
<0.30	KJ-QC/FFD/RPO	<2	K	0.449		0.067	
0.79		<2	KJ-QC/FLS	0.334		0.050	
<0.30	KBJ-QC/FBK/FLS	<2	K	0.326		0.033	J-QCJ-HT/FFB/EHT
<0.30	KBJ-QC/FBK/FLS	<2	K	0.107		0.031	
0.68		<2	KJ-QC/FLS	0.148		0.048	
0.72	BJ-QC/FBK/FFB	<2	K	0.036		0.046	J-QC/FFB
<0.30	KJ-QC/FFD/RPOFLS	<2	K	0.188		0.083	
1.28	BJ-QC/FBK/FFBFLS	<2	K	0.046		0.036	
0.39	BJ-QC/FBK/FFBFLS	<2	K	0.193		0.052	
0.44	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.042	J-QC/FFB

0.50	BJ-QC/FBK/FFB	<2	K	0.259	J-QC/FSL	0.051	J-QC/FFB
1.05	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	0.300		0.058	
0.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.168		0.073	
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	5	J-QC/FLS	0.224		0.051	J-QC/FFB
0.54	BJ-QC/FBK/FFBFLS	<2	K	0.193		0.062	
[redacted]							
1.10	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.330		0.0225	
0.52	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.091		0.0166	J-QC/FFB
0.59	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.317	J-QC/FSL	0.0385	
0.57	BJ-QC/FBK/FFBFFDRPO	<2	K	0.206		0.0365	
0.60	BJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	K	0.241		0.0484	
0.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.292		0.0548	
0.64	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.226		0.0653	
0.47	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.151		0.0556	
0.64	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.196		0.0462	J-QC/FFB
0.66	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.267		0.0650	
0.52	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.221		0.0432	
0.97	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.272		0.0266	
0.58	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.312		0.0609	J-QC/FFB
0.34	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.332		0.0510	
0.60	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.498		0.0562	
0.47	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.314		0.0481	J-QC/FFB
0.52	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.445		0.0636	J-QC/FFB
0.58	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.456		0.0671	
0.53	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.372		0.0761	J-QC/FFB
0.63	BJ-QC/FBK/FFB	<2	K	0.346		0.0543	
0.68	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.320		0.0661	J-QC/FFB
0.34	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.142		0.0996	
0.46	BJ-QC/FBK/FFBFLSEHT	<2	K	0.312		0.0352	J-QC/FFB
0.60	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.176		0.0282	
[redacted]							
0.56	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0175	K	0.0452	
<0.30	KB-JQCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.392		0.0291	J-QC/FFB
0.89	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.345		0.0225	
0.87	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.241		0.0286	
0.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.218		0.0189	
0.78	BJ-QC/FBK/FFB	<2	K	<0.0293	K	0.0251	J-QC/FFB
0.53	BJ-QC/FBK/FFBFLS	<2	K	0.343		0.0260	
0.70	BJ-QC/FBK/FFB	<2	K	0.256		0.0497	J-QC/FFD/RPO
0.61	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0293	K	0.0792	
0.38	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.327		0.0322	
1.71	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.425		0.0487	J-QC/FFB
0.63	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.354		0.0339	J-QC/FFB
0.58	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.615	J-QC/FFD/RPO	0.0297	J-QC/FFB
0.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.452	J-QC/FFB	0.0345	J-QC/FFB
0.37	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.501		0.0548	J-QC/FFB
0.53	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.495		0.0477	J-QC/FFB
1.08	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.381		0.0464	
1.05	BJ-QCJ-HT/FBK/FFBFLSEHT	—	NRP/FRS	0.370		0.0461	J-QC/FFB
1.55	BJ-QC/FBK/FFBFLS	<2	K	0.293		0.0387	J-QC/FFB

1.07	BJ-QC/FBK/FFBFFDRPO	<2	K	<0.0293	K	0.0409	J-QC/FFB
[redacted]							
0.98	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.262		0.0347	J-QC/FFB
0.64	BJ-QCJ-HT/FBK/FFBFLSEHT	6	J-QC/FLS	0.385	J-QC/FSL	0.0275	J-QC/FFB
0.84	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.261		0.0262	J-QC/FFB
0.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.288		0.0471	J-QC/FFB
0.50	BJ-QC/FBK/FFBFFDRPO	<2	K	0.340		0.0563	J-QC/FFB
0.66	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.335	J-QC/FMS	0.0685	J-QC/FFB
0.52	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.361		0.0456	J-QC/FFB
0.60	BJ-QC/FBK/FFBFLS	<2	K	0.329	J-QC/FMS	0.0572	
0.68	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.246		0.0512	J-QC/FFB
0.56	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.335	J-QC/FMS	0.0548	J-QC/FFB
0.48	BJ-QC/FBK/FFB	<2	K	0.209	J-QC/FMS	0.0440	J-QC/FFB
1.02	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.214	J-QC/FSL/FMS	0.0389	
0.54	BJ-QC/FBK/FFBFLS	<2	K	0.222	J-QC/FSL/FMS	0.0329	J-QC/FFB
0.51	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.343		0.0495	J-HT/EHT
0.70	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.359	J-QC/FSL	0.0600	
0.62	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.211		0.0580	
0.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.269		0.0550	
0.44	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.348		0.1485	
0.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.201		0.1598	
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.222		0.1328	
0.39	BJ-QC/FBK/FFBFLS	<2	K	0.417	J-QC/FSL/FMS	0.1257	J-QC/FFB
0.51	BJ-QC/FBK/FFB	3	J-QC/FLS	0.453	J-QC/FMS	0.0745	
—	NA	—	NA	—	NA	—	NA
—	NA	—	NA	—	NA	—	NA
—	NA	—	NA	—	NA	—	NA
—	NA	<2	KJ-QC/FLS	0.443	J-QC/FMS	0.0477	J-QC/FFB
—	NA	<2	KJ-HT/EHT	0.244	J-QC/FMS	0.0509	J-QC/FFB
[redacted]							
—	NA	<2	KJ-QC/FMS	0.322	J-QC/LLS/FMS	0.0376	J-QC/FFB
—	NA	<2	KJ-QC/FMS	0.325	J-QC/LLS/FMS	0.0262	J-QC/FFB
—	NA	<2	KJ-QCJ-HT/FMS/EHT	1.586		0.0348	[redacted]
—	NA	<2	KJ-QC/FMS	0.422	J-QC/FMS	0.0265	J-QC/FFB
—	NA	<2	KJ-QC/FMS	0.454		0.0520	J-QC/FFB
1.82	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.426		0.0489	[redacted]
0.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.346	J/LLS	0.0518	J-QC/FFB
1.97	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.295	J-QC/LLS/FSLFMS	0.0530	J-QC/FFB
0.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.573	J-QC/FMS	0.0331	[redacted]
1.59	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.255	J-QC/LLS/FMS	0.0474	J-QC/FFB
1.67	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.295	J-QC/LLS/FMS	0.0330	J-QC/FFB
0.60	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	K	0.0225	J-QC/FFB
0.66	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.096	RJ-QC/LLS/FFDRF	0.0328	J-QC/FFB
0.58	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.096	J-R/LLS	0.0327	[redacted]
0.32	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	KJ-QC/FSL	0.0493	
0.91	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.151	J-R/LLS	0.0358	
0.42	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.313	J-QC/LLS	0.0417	J-QC/FFB
0.53	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.301	J/LLS	0.0405	J-QC/FFB
<0.30	KBJ-QCJ-HT/FBK/FFBEHT	<2	K	0.392	J/LLS	0.0457	J-QC/FFB
<0.30	KBJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.416	J-QC/FFD/RPO	0.0466	J-QC/FFB

0.35	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.434		0.0524	J-QC/FFB
0.38	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FMS	0.470		0.0574	[redacted]
0.39	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FMS	0.428		0.0633	[redacted]
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.295	J/LLS	0.0549	J-QC/FFB
0.75	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.522		0.0578	[redacted]
[redacted]							
0.75	BJ-QC/FBK/FFBFMS	<2	K	0.343	J/LLS	0.0399	
0.55	BJ-QCJ-HT/FBK/FFB	<2	K	0.303	J-QC/LLS/FFB	0.0489	J-QC/FFB
0.81	BJ-QC/FBK/FFB	<2	KJ-HT	0.258	J/LLS	0.0367	J-QC/FFB
0.64	BJ-QC/FBK/FFB	<2	K	0.294	J-QC/LLS/FFB	0.0185	
0.79	BJ-QC/FBK/FFB	<2	K	0.313	J-QC/LLS	0.0290	J-QC/FFB
0.74	BJ-QC/FBK/FFB	<2	K	0.131	J-QC/LLS/FFB	0.0258	J-QC/FFB
0.52	BJ-QC/FBK/FFBFLDRPO	<2	K	0.483	J-QC/FFB	0.0463	
0.64	BJ-QC/FBK/FFBFLDRPO	<2	K	0.347	J-QC/LLS/FSL	0.0320	J-QC/FFB
0.33	BJ-QC/FBK/FFBFFDFLDRPOFMS	<2	K	0.159	J-QC/LLS/FFB	0.0422	J-QCJ-HT/FFB
0.84	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.386	J-QC/LLS/FFB	0.0430	J-QC/FFB
0.54	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.064	J-QC/LLS/FFB	0.0448	J-QC/FFB
1.52	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0356	J-QC/FFB
0.66	BJ-QC/FBK/FFB	<2	K	0.195	J/LLS	0.0437	J-QC/FFB
0.62	BJ-QC/FBK/FFBFMS	<2	K	0.084	J/LLS	0.0313	
0.76	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.351	J/LLS	0.0446	J-QC/FFB
0.59	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.050	J-R/LLS	0.0384	
0.42	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.223	J-QC/LLS/FMS	0.0380	
0.58	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0408	
0.68	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	KJ-HT	0.050	J-R/LLS	0.0484	J-QC/FFB
0.61	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	<0.0267	KJ-QC/FFD/RPO	0.0420	
0.62	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFMS	<2	K	0.111	J-QC/LLS/FFDRPC	0.0660	
0.61	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0324	
0.74	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.204	J-QC/LLS/FFBFSL	0.0638	J-QC/FFB
0.67	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	K	0.328	J/LLS	0.0713	J-QC/FFB
0.62	BJ-QCJ-HT/FBK/FFB	<2	KJ-QC	0.402	:/FFB/FLDRPOFSL	0.0844	J-QC/FFB
0.47	BJ-QC/FBK/FFBFMS	<2	K	0.171	J-QC/LLS	0.0526	J-QC/FFB
0.61	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.340	J/LLS	0.0696	J-QC/FFB
[redacted]							

Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)	DOC (mg/L)
0.47	0.177	0.16	–	<0.5
0.52	0.126	0.06	–	4.5
0.61	0.098	0.09	–	20.0
0.50	0.096	0.11	–	8.5
0.51	0.103	0.13	–	5.0
2.57	0.118	0.14	–	2.3
0.44	0.151	0.15	–	5.6
0.59	0.156	0.16	–	1.5
0.78	0.164	0.15	–	1.4
0.82	0.116	0.16	–	<0.5
1.06	0.121	0.12	–	2.2
0.49	0.152	0.14	–	1.4
0.50	0.183	0.19	–	5.5
0.58	0.186	0.19	–	5.7
0.64	0.276	0.29	–	1.1
0.57	0.234	0.17	–	<0.5
0.78	0.197	0.21	–	<0.5
0.81	0.211	0.17	–	4.6
0.95	0.255	0.20	–	5.0
0.83	0.167	0.16	–	4.3
0.73	0.198	0.23	–	4.8
0.65	0.256	0.33	–	6.3
0.51	0.104	0.27	–	1.8
0.39	0.145	0.14	–	<0.5
0.75	0.155	0.15	–	7.4
0.70	0.103	0.14	–	5.3
0.91	0.107	0.12	–	4.2
0.82	0.118	0.14	–	4.9
0.60	0.283	0.09	–	4.0
0.31	0.071	0.09	–	<0.5
1.01	0.089	0.06	–	<0.5
0.63	0.083	0.15	–	<0.5
0.38	0.118	0.12	–	<0.5
0.61	0.147	0.16	–	<0.5
0.71	0.149	0.12	–	<0.5
0.56	0.126	0.13	–	<0.5
0.65	0.190	0.13	–	1.5
0.62	0.134	0.17	–	<0.5
0.91	0.147	0.14	–	<0.5
0.37	0.121	0.13	–	<0.5
0.33	0.160	0.17	–	3.5
0.54	0.197	0.20	–	1.9
0.47	0.184	0.21	–	2.3
0.73	0.169	0.16	–	1.9

0.35	0.222	0.23	—	4.8
0.40	0.220	0.24	—	3.0
0.55	0.220	0.26	—	3.0
0.50	0.135	0.16	—	2.1
0.66	0.191	0.22	—	1.8
0.53	0.181	0.18	—	2.0
0.51	0.220	0.20	—	1.9
0.51	0.200	0.19	—	2.3
0.83	0.153	0.18	—	2.8
0.51	0.110	0.15	—	6.4
0.56	0.13	0.13	—	6.2
0.40	0.095	0.15	—	5.2
0.77	0.094	0.13	—	5.0
0.33	0.070	0.28	—	2.8
0.60	0.113	0.11	—	3.6
0.53	0.098	0.14	—	4.2
0.36	0.104	—	—	—
0.30	0.111	0.16	—	2.4
0.31	0.153	0.15	—	1.5
0.64	0.154	0.15	—	2.5
0.33	0.131	0.14	—	4.1
0.34	0.139	—	—	—
0.50	0.166	—	—	—
0.19	0.155	0.16	—	5.8
0.27	0.143	0.11	—	5.6
0.43	0.108	0.11	—	4.9
0.50	—	0.15	—	5.2
0.92	0.155	0.16	—	9.5
0.60	0.136	0.20	—	4.8
0.48	0.163	—	—	—
0.62	0.150	—	—	—
0.50	0.143	—	—	—
0.74	0.139	—	—	—
0.73	0.141	0.16	—	2.9
0.75	0.160	0.17	—	1.6
0.62	0.157	0.16	—	2.0
0.39	0.071	0.11	—	1.9
0.67	0.113	0.12	—	1.1
0.604	0.099	0.13	—	1.1
0.521	0.134	0.12	—	2.1
0.284	0.130	0.10	—	<0.5
0.364	0.115	0.08	—	2.2
0.511	0.073	0.06	—	1.4
0.291	0.073	0.06	—	<0.5
0.283	0.105	0.07	—	0.6
0.522	0.238	0.19	—	4.2
0.571	0.184	—	—	2.6

0.792		0.061		—	—	1.8
0.871		0.24		0.15	—	4.2
0.537		0.19		0.18	—	5.2
0.802		0.21		0.16	—	5.4
0.711		0.17		0.14	—	5.4
0.516		0.16		0.14	—	5.1
0.521		0.18		0.12	—	3.6
[redacted]						
0.700		0.11		0.10	—	2.6
0.584		0.69		0.22	—	1.9
0.730		0.10		<0.01	—	4.1
0.454		0.04		0.07	—	11.8
1.01		0.18		0.09	—	3.3
1.38		0.11		0.14	—	2.9
0.674		0.18		0.07	—	3.0
0.573		0.16		0.11	—	3.6
0.776		0.16		0.12	—	3.7
0.417		0.01		0.13	—	5.5
0.646		0.14		0.14	—	6.6
0.449		0.18		0.15	—	4.2
0.325		0.15		0.13	—	4.3
0.372		0.15		0.14	—	4.2
0.835		0.22		0.20	—	2.9
1.21		0.18		0.17	—	3.5
0.814		0.20		0.15	—	2.7
0.528		0.18		0.16	—	2.8
0.447		0.17		0.17	—	2.8
0.454		0.21		0.19	—	2.6
1.33		0.15		0.14	—	3.2
0.726		0.15		0.13	—	21.7
0.537		0.10		0.11	—	3.2
[redacted]						
0.541		0.09	J-QC/FFB	0.08	—	3.5
1.38	J-QC/FLS	<0.05	K	0.10	—	3.8
0.596		0.07		0.07	—	3.8
1.35		0.23	J-QC/FFB	0.08	—	1.4
1.08		0.11		0.09	—	3.6
1.00		0.12		0.14	—	6.1
1.69		0.10		0.10	—	5.1
1.89		0.13		0.14	—	5.7
0.598		0.12		0.14	—	3.7
0.511		0.12		0.11	J-QC/FFB —	—
0.320		0.12		0.09	—	4.0
0.510	J-QC/FFB	0.12		0.09	—	4.5
0.890		0.16		0.14	—	3.8
0.713		0.16		0.13	—	3.9
0.844		0.14		0.13	—	4.9
0.410		—	NAPQNS	—	NAPQNS —	—
0.709		0.17	J-QC/FFD/RPO	0.16	—	4.6
0.489		—	NAP	0.26	J-QC/FFB —	4.3

0.461		0.15		0.16		—		4.1
0.895		0.17	J-QC/FFB	0.17		—		4.1
0.467		0.19	J-QC/FFB	0.14		—		3.9
1.15		0.14		0.12		—		3.7
0.674		0.13		0.12		—		3.8
[redacted]								
0.551		0.12		0.10		—	NA	21.40
0.973		0.08		0.07		—	NA	3.70
0.698		0.13		0.10		—	NA	3.90
0.705		0.11		0.09		—	NA	3.61
0.402	J-QC/FFB	0.13		0.12		—	NA	3.70
0.479		0.12		0.11		—	NA	3.90
0.465		0.14		0.11		—	NA	3.85
0.360		0.18		0.10		—	NA	4.35
0.281		0.14		0.12		—	NA	3.60
0.425		0.18		0.13		—	NA	3.61
0.237		0.12		0.11		—	NA	3.50
0.506		0.19		0.13		—	NA	3.00
0.240		0.22		0.20		—	NA	3.60
0.172		0.18		0.16		—	NA	3.30
0.815		0.20		0.19		—	NA	3.10
0.275		0.17		0.16		—	NA	3.60
0.290		0.19		0.17		—	NA	3.70
0.657	J-QC/FFD/RPO	0.21		0.18		—	NA	3.60
0.527		0.20		0.18		—	NA	2.90
0.468		0.18		0.15		—	NA	3.20
0.786		0.18		0.14	J-QC/FLS	—	NA	3.40
0.804		0.22	J-QC/FFD/RPO	0.19		—	NA	2.80
0.934		0.13		0.11		—	NA	4.20
1.24		0.15	J-QC/FFB	0.10		—	NA	4.20
[redacted]								
3.6700	J-QC/FLS	0.11		0.10		—	NA	4.0
1.1100		0.11	J-QC/FFB/FLS	0.06		—	NA	4.2
1.2685		0.05	J-QC/FFD/RPO	0.08		—	NA	4.4
1.6060		0.07		0.07		—	NA	2.7
<0.0267	K	0.08		0.07		—	NA	2.9
0.2753		0.08		<0.02	KJ-QC/FFB/FFDRPO	—	NA	3.2
0.5490		0.12		0.13		—	NA	3.7
0.7310	J-QC/FFB/FLS	0.09		0.09		—	NA	2.8
0.2611		0.11	J-QC/FFD/RPO	0.08		—	NA	2.6
0.3270	J-QC/FLS	0.10	J-QC/FFD/RPO	0.09		—	NA	2.5
0.4630		0.10	J-QC/FFD/RPOFLS	0.10		—	NA	2.5
0.4005	J-QC/FLS	0.10		0.08	J-QC/FFB	—	NA	2.9
0.5450	J-QC/FLS	0.11		0.11		—	NA	3.5
0.2412		0.16	J-QC/FFB	0.13		—	NA	3.2
0.5472	J-QC/FFB	0.17		0.21	J-QC/FFB	—	NA	3.4
0.3700		0.17	J-QC/FLS	0.16		—	NA	3.2
0.3054	J-QC/FLS	0.04	J-RJ-QC/FLS	0.09		—	NA	4.1
0.6646		0.13	J-QC/FFB/FLDRPO	0.09		—	NA	4.0
0.6510		0.15	J-QC/FFB/FLS	0.11		—	NA	3.0

0.7132		0.10	J-QC/FLS	0.09		—	NA	4.3
[redacted]								
0.5116		0.08	J-QC/FFD/RPO	0.10	J-QC/FFD/RPO	—	NA	3.1
0.6607	J-QC/FFB	0.07		0.07		—	NA	3.1
0.4250	J-QC/FLS	0.08		0.06		—	NA	3.0
0.4832		0.12		0.10		—	NA	1.4
0.3651	J-QC/FFB	0.12		<0.01	K	—	NA	1.1
0.4991	J-QC/FFB	0.10		0.10		—	NA	2.3
0.8295	J-QC/FFD/RPO	0.10		0.08		—	NA	1.5
0.5677		0.14		0.12		—	NA	2.1
0.4637		0.19	J-QC/FFB	0.11		—	NA	2.6
0.5037		0.17		0.16	J-QC/FFB	—	NA	2.5
0.6061		0.11		0.10		—	NA	2.3
0.7979	J-QC/FLS	0.12		0.11		—	NA	2.2
3.0907	J-OUT	0.13		0.12		—	NA	3.2
0.5660	J-QC/FLS	0.18		0.17		—	NA	1.8
0.4333	J-QC/FFB	0.19	J-QC/FLS	0.17	J-QC/FLS	—	NA	—
0.5983		0.22	J-QC/FFD/RPO	0.15		—	NA	2.9
0.5961	J-QC/FLS	0.18		0.16		—	NA	2.3
0.5153		0.18		0.16		—	NA	1.9
0.7238		0.18		0.17		—	NA	<0.1
0.6191		0.17		0.15		—	NA	1.7
0.8155	J-QC/FFB	0.20	J-QC/FLS	0.16		—	NA	1.9
0.6004	J-HT/EHT	0.16		0.16		—	NA	2.3
—	NA	—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—	NA	—
—	NA	—	NA	—	NA	—	NA	—
0.5639		0.14		0.13		—	NA	3.5
0.9804		0.11		0.10		—	NA	2.6
[redacted]								
0.6218	[redacted]	0.12	J-QC	0.09	J-QC/FFD/RPO	—	NA	5.09
0.3773		0.10	[redacted]	0.09	[redacted]	—	NA	3.00
0.7102	J-QC/FFB	0.11		0.09		—	NA	3.37
0.6153	J-QC/FFB	0.07		0.06	J-QC/FLD/RPO	—	NA	2.2
0.3475	[redacted]	0.11		0.10	J-QC/FSL	—	NA	2.1
0.6599	J-QC/FFB	0.12		0.10	J-QC	—	NA	2.0
0.6617	J-QC/FLS	0.20		0.11	J-QC/FFB	—	NA	1.8
0.4683	J-QC/FFB	0.13		0.11	J-QC/FLD/RPO	—	NA	3.2
0.2916	[redacted]	0.18		0.10	J-QC/FLD/RPO	—	NA	3.7
0.4999		0.12		0.12	J-QC	—	NA	6.2
0.5999	)CJ-HT/FFD/RPOE	0.11	J-QC/FLD/RPO	0.11	[redacted]	—	NA	3.5
0.3260	[redacted]	0.11	[redacted]	0.08	J-QC/FMS	—	NA	2.7
0.2967		0.12	J-QC/FSL	0.12	J-QC	—	NA	3.2
0.2575	J-QC/FLS	0.11	[redacted]	0.11	[redacted]	—	NA	3.6
0.8041	J-QC/FFB	0.20	J-QC/FFB/FSL	0.16		—	NA	3.6
0.4581	J-QC/FFB	0.13	[redacted]	0.12		—	NA	3.1
0.4436	J-QC	0.15		0.14		—	NA	2.9
0.4387	[redacted]	0.13		0.12		—	NA	3.1
0.3941		0.14		0.15		—	NA	2.0
0.4181		0.14		0.15		—	NA	3.4

0.5300	[redacted]	0.20	J-QC	0.12	J-QC/FFD/RPO	—	NA	1.8
0.5906	[redacted]	0.18	[redacted]	0.16	J-QC	—	NA	2.2
0.9550	J-QC/FLS	0.16	[redacted]	0.14	J-QC/FFB	—	NA	3.0
0.3349	J-QCJ-HT/EHT	0.14	J-QC/FMS	0.12	[redacted]	—	NA	2.55
0.5847	J-QC/FLS	0.15	[redacted]	0.13	[redacted]	—	NA	5.3
[redacted]								
0.7674	J-QC/FFB/FLS	0.08		0.07		—	NA	1.9
0.5569		0.11		0.08		—	NA	1.7
0.3836		0.07		0.07		—	NA	1.5
0.4677	J-HT	0.07	J-QC	0.05	J-QC	—	NA	3.2
0.4184	J-QC/FLS	0.09	J-QC/FFB/FMS	0.08		—	NA	2.5
0.2872		0.09	J-QC/FFB/FMS	0.08	J-QC/FFB	—	NA	3.0
0.4551	J-QC/FLS	0.09	J-QC	0.09	J-QC/FFB	—	NA	4.8
0.3016		0.09		0.07		—	NA	5.0
0.3261		0.16		0.10		—	NA	3.2
0.3287		0.11		0.09		—	NA	3.6
0.3403		0.10		0.11		—	NA	3.7
0.3100		0.12		0.11		—	NA	1.4
0.4555		0.16	J-QC/FMS	0.14	J-QC/FMS	—	NA	0.8
0.3003		0.12	J-QC/FFB	0.10		—	NA	0.6
0.4483		0.14		0.13		—	NA	0.5
0.4426		0.14		0.13		—	NA	1.7
0.3472		0.14		0.14		—	NA	1.6
0.2913		0.15		0.13		—	NA	1.1
0.3310	J-HT	0.16		0.13		—	NA	2.8
0.4098		0.15	J-QC/FMS	0.13		—	NA	1.7
0.6492		0.23		0.19		—	NA	2.9
0.3311		0.17	J-QC/FFB	0.14	J-QC	—	NA	1.9
0.4936		0.18	J-QC/FFB	0.16	J-QC	—	NA	1.5
0.4267		0.20		0.16		—	NA	2.7
0.4263	J-HT	0.18		0.16		—	NA	1.4
0.5464	J-QC/FLS	0.16		0.14		—	NA	2.3
0.6584		0.16	J-QC/FMS	0.13		—	NA	2.3
[redacted]								

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
	0.00	0.01
	0.00	0.11
[redacted]		
	0.45	0.45
	0.00	0.00
	0.00	0.05
	0.00	0.00
	0.00	0.10
	0.27	0.53
	0.00	0.00
	0.00	0.31
	0.00	0.00
	0.00	0.00
	0.00	0.57
	0.00	0.00
	0.09	0.94
	0.00	0.02
	0.39	0.39
	0.00	0.00
	0.00	0.00
	0.00	0.10
	0.00	0.00
	0.00	0.00
	0.53	2.80
	0.04	0.04
	0.00	0.00
	0.00	0.00
	0.01	0.04
	0.03	0.44
	0.00	0.00
[redacted]		
	0.01	0.01
	0.01	0.14
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.05	0.05
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.66	0.66
	0.46	0.50
	0.95	1.78
	0.00	0.04
	0.00	0.00

0.00	0.00	[redacted]
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.12	
0.00	0.00	
0.03	0.03	
0.00	0.00	
[redacted]		
0.04	0.04	
0.01	0.14	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.22	0.22	
0.00	0.00	
0.00	0.00	
0.25	1.44	
0.33	2.38	
0.00	0.00	
0.36	0.36	
0.00	0.00	
0.15	0.15	
0.00	0.00	
0.00	0.02	
0.00	0.00	
0.57	1.19	
0.02	0.37	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.41	
0.00	0.00	
0.00	0.00	
0.04	0.23	
0.00	0.00	
[redacted]		
0.00	0.00	
0.24	0.26	
0.00	0.06	
0.25	0.25	
0.01	0.18	
0.32	0.74	
0.66	0.66	
0.00	1.48	
0.00	0.00	

	0.05	0.05
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.22
	0.01	1.37
	0.08	0.57
[redacted]		
	0.00	0.00
	0.08	0.08
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.15	0.20
	0.00	0.00
	0.00	0.01
	0.04	0.21
	0.01	0.83
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	1.17
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.17
	0.15	0.38
	0.12	1.05
[redacted]		
	0.00	0.00
	0.00	0.00
J-QC/FFB	0.00	0.15
	0.00	0.00
J-QC/FFD/RPO	0.54	1.15
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00
NAPEFAI/EQF	0.00	0.66
	0.00	0.20
	0.00	0.00
	0.15	1.69
	0.00	1.70
J-QC/FFB	0.41	0.42
NAPQNS	0.00	0.00
J-QC/FFB	0.01	0.11
J-QC/FFB	0.00	0.00

J-QC/FFB	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB/FFDRPO	0.00	0.00
	0.00	0.00
J-QC/FFB	0.00	0.00
[redacted]		
J-QC/FFB/OUT	0.00	0.01
	0.00	0.00
	0.03	2.06
	0.00	0.00
	0.01	1.44
J-QC/FFB	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	1.11	1.11
J-QC/FFB	0.00	0.00
J-QC/FFB	0.00	0.00
	0.00	0.00
J-QC/FFB	0.00	0.17
J-QC/FFB	0.05	0.05
J-QC/FFB	0.00	0.28
J-QC/FFB	0.00	0.04
BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFB	1.24	1.41
J-QC/FFB	0.34	1.06
B/FBK	0.00	0.00
BJ-QC/FBK/FFB	0.00	0.00
BJ-QC/FBK/FFB	1.05	1.05
	0.00	0.00
J-QC/FFB	0.00	0.00
	0.00	0.00
[redacted]		
	0.00	0.02
J-QC/FFB	0.00	0.00
J-QC/FFB	0.17	2.58
J-QC/FFB	0.64	1.31
B/FBK	0.00	0.00
BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFB	0.01	2.40
	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	0.04	0.05
J-QC/FFB/FFDRPO	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	0.39	0.39
J-QC/FFB	0.28	0.29
J-QC/FFB	0.00	0.12
J-QC/FFB	0.07	0.07
J-QC/FFB	0.00	0.00
J-QC/FFB	0.00	0.00
	0.04	1.03

	0.00	0.00
	0.00	0.00
J-QC/FFB	0.00	0.00
BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	0.62	0.62
J-QC/FFB	0.27	0.30
	0.20	2.14
J-QC/FFB	0.00	0.02
J-QC/FFB	0.09	0.67
J-QC/FFB	0.93	2.05
BJ-QC/FBK/FFB	0.00	0.00
	0.00	0.95
J-QC/FFB	0.00	0.26
J-QC/FFB/FFDRPO	0.00	0.00
NAPEFAI EQF	0.00	0.00
J-QC/FFB/FFDRPO	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	0.11	0.70
KJ-QC/FFD/RPO	0.00	0.06
J-QC/FFB/FFDFLDRPO	0.00	0.00
	0.00	0.00
	0.35	0.35
NA	0.00	0.00
NA	0.00	0.00
NA	0.00	0.00
BJ-QC/FBK/FFB	0.46	0.46
BJ-QC/FBK/FFB	0.03	0.03
BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFB	0.72	0.72
BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	0.00	0.00
	0.08	1.54
J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	0.35	0.88
	0.00	0.55
J-QC/FFB/FSL	0.00	0.04
	0.14	0.27
	0.11	0.11
J-QC/FFB	0.00	0.00
J-QC/FMS	0.00	0.00
J-QC/FLD/RPO	0.19	0.19
J-QC	0.02	0.52
	0.00	0.00
J-QC	0.40	0.40
J-QC/FFB	0.00	0.00
J-QC	0.03	0.03
J-QC/FSL	0.00	0.00

J-QC/FLD/RPOFMS	0.52	0.52
J-QC/FMS	0.00	0.00
QC/FBK/FFBFLDRPOFSLF	0.00	0.00
J-QC/FFB/FFDRPO	0.40	0.40
	0.19	0.19
[redacted]		
J-QC/FMS	0.35	0.35
J-QC/FMS	0.00	1.44
J-QC/FMS	0.00	0.00
J-QC	0.00	0.00
	0.52	0.52
	0.03	0.03
	0.40	0.40
	0.00	0.00
J-QC/FMS	0.00	2.46
	0.00	0.00
	0.00	0.00
J-QC/FMS	0.00	0.00
J-QC/FMS	0.49	0.49
	0.75	0.84
J-QC/FMS	0.00	0.00
	0.00	0.00
J-QC	0.00	0.00
B/FBK	0.55	0.64
	0.00	0.00
B/FBK	0.00	0.00
	0.00	0.00
	0.00	0.00
J-QC/FLD/RPO	0.00	0.73
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.08	0.16
[redacted]		

[redacted]

[redacted]

Station #19 Upper Arthur Kill	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 2, 2003	12:05	6.32	8.8	8.64
December 16, 2003	11:20	6.80	4.6	9.82
2004				
February 26, 2004	14:05	7.97	3.6	11.06
April 6, 2004	10:25	7.55	6.7	10.14
April 22, 2004	10:10	7.26	11.8	9.82
May 20, 2004	11:15	7.40	18.2	6.36
May 25, 2004	11:40	7.26	19.7	6.44
June 1, 2004	—	7.38	—	—
June 16, 2004	10:50	7.36	22.5	6.20
June 23, 2004	10:40	7.82	20.7	8.16
July 1, 2004	11:10	7.63	21.4	—
July 7, 2004	10:57	7.52	—	—
July 14, 2004	11:03	7.47	22.3	4.10
July 21, 2004	10:40	7.52	23.8	3.40
July 28, 2004	11:10	7.10	22.4	5.40
August 4, 2004	11:15	7.26	25.22	4.87
August 11, 2004	10:40	7.55	23.75	6.35
August 18, 2004	11:15	7.40	23.61	4.89
August 25, 2004	10:50	7.52	23.41	6.65
September 1, 2004	10:40	7.54	24.45	5.52
September 15, 2004	11:40	7.46	23.55	5.56
September 22, 2004	10:47	7.55	20.85	6.44
September 29, 2004	11:20	7.06	21.67	5.97
October 14, 2004	11:15	—	18.06	6.70
October 26, 2004	10:05	—	14.4	6.66
November 8, 2004	12:05	—	12.6	8.23
November 22, 2004	10:19	7.41	10.77	7.80
December 8, 2004	09:53	7.80	8.63	8.67
December 16, 2004	11:48	—	7.0	12.95
2005				
February 24, 2005	11:20	—	3.44	11.70
March 21, 2005	10:40	—	4.6	13.91
April 13, 2005	10:20	—	9.86	15.11
May 5, 2005	10:16	7.64	11.97	10.26
May 11, 2005	10:51	—	—	—
May 19, 2005	11:49	7.69	14.58	8.81
May 24, 2005	10:22	7.41	15.06	7.37
May 31, 2005	10:49	7.41	16.60	6.94
June 8, 2005	10:39	7.28	19.31	6.25
June 15, 2005	11:07	7.52	22.64	7.79
June 22, 2005	10:53	7.34	20.71	6.22
June 29, 2005	10:04	7.35	22.69	6.51
July 6, 2005	10:14	—	23.32	4.86
July 28, 2005	10:33	7.49	28.83	5.71
August 3, 2005	10:29	—	26.02	6.87

August 11, 2005	—	—	—	—
August 17, 2005	10:36	7.35	25.66	4.78
August 25, 2005	10:50	—	24.37	4.94
September 8, 2005	—	—	—	—
September 12, 2005	—	—	—	—
September 20, 2005	09:54	7.32	24.29	4.81
September 27, 2005	10:45	7.53	22.20	7.30
October 6, 2005	11:01	7.35	21.36	6.08
October 18, 2005	11:38	—	16.91	8.34
November 3, 2005	11:14	7.60	13.69	9.22
December 21, 2005	10:46	6.67	4.47	12.53
2006				
January 5, 2006	10:57	7.64	5.49	14.84
February 1, 2006	10:23	7.78	5.71	13.30
March 30, 2006	11:09	7.90	7.67	12.06
April 18, 2006	10:46	7.70	11.43	9.18
April 27, 2006	11:04	7.45	13.53	11.83
May 11, 2006	11:31	7.48	15.08	7.92
June 14, 2006	11:57	7.45	18.70	6.23
June 19, 2006	11:30	7.41	20.03	9.70
June 26, 2006	12:15	7.28	21.25	7.83
July 11, 2006	11:03	7.24	20.76	6.80
July 17, 2006	11:13	7.20	23.02	5.81
July 24, 2006	11:15	7.22	24.53	6.06
July 31, 2006	11:54	7.48	25.03	6.82
August 9, 2006	10:24	7.60	24.48	5.77
August 29, 2006	10:06	7.35	23.37	4.99
September 6, 2006	10:16	7.32	21.25	5.34
September 11, 2006	11:23	7.36	21.97	5.39
September 18, 2006	10:56	7.32	21.41	8.01
September 25, 2006	11:40	7.50	20.78	6.54
October 18, 2006	10:02	7.43	16.66	7.30
November 14, 2006	12:02	7.66	13.01	—
December 13, 2006	10:54	7.74	8.20	9.60
2007				
January 10, 2007	11:40	7.69	7.68	9.81
January 25, 2007	12:28	7.73	5.00	9.87
February 22, 2007	10:46	8.04	1.79	13.62
March 8, 2007	11:10	7.77	2.15	11.90
March 20, 2007	11:14	7.75	4.09	11.05
April 3, 2007	11:59	7.27	7.60	11.84
May 3, 2007	11:49	7.50	12.13	9.30
May 16, 2007	11:11	7.52	15.42	9.87
Boat engine failure - 5/18/07				
August 22, 2007	11:35	7.43	21.73	6.07
August 30, 2007	10:08	7.40	23.22	5.45
September 11, 2007	10:34	7.34	24.63	6.52
October 3, 2007	11:25	7.34	21.07	5.90
October 30, 2007	11:22	7.31	16.04	6.56
November 27, 2007	10:58	—	9.86	8.56

2008						
January 9, 2008		11:06	—		6.07	10.46
February 28, 2008		12:17	—		—	—
March 13, 2008		12:06	7.71		5.03	11.62
April 24, 2008		12:01	7.73		12.65	9.98
May 6, 2008		12:50	7.47		14.17	8.40
June 5, 2008		11:00	7.45		17.08	6.62
June 10, 2008		12:04	7.37		20.56	6.42
July 17, 2008		10:49	7.42		24.17	5.98
July 21, 2008		12:21	7.43		24.55	5.97
July 30, 2008		10:52	7.29		24.57	5.32
August 6, 2008		10:37	7.25		24.35	4.72
August 13, 2008		10:33	7.47		23.12	5.68
August 19, 2008		11:27	7.34		23.65	5.44
August 26, 2008		10:48	7.48		22.79	6.38
September 18, 2008		11:03	—		22.07	5.65
September 24, 2008		10:56	7.34		20.99	7.61
October 9, 2008		11:00	—		17.89	5.25
November 13, 2008	A	10:40	7.26		12.81	6.49
November 13, 2008	B	10:40	—		—	—
December 2, 2008		11:58	7.36		8.12	7.54
2009						
January 29, 2009		11:00	7.30		2.20	8.84
February 9, 2009		11:08	7.80		2.73	9.20
March 4, 2009		10:58	7.58		2.15	15.07
April 14, 2009		10:56	7.53		7.81	11.89
May 5, 2009		12:01	7.19		13.58	—
May 20, 2009		12:10	7.40		15.38	—
June 3, 2009		10:31	7.13		18.16	—
June 18, 2009		11:07	7.41		19.34	6.24
June 23, 2009		11:12	7.34		19.86	5.80
July 8, 2009	A	10:51	7.44		21.70	6.13
July 8, 2009	B	10:51	—		—	—
July 15, 2009		11:12	—	NAPEFAI/EQF	21.24	6.74
July 21, 2009		10:49	—	NAPEFAI/EQF	22.78	5.81
July 29, 2009		11:06	—	NAPEFAI/EQF	23.60	5.11
August 6, 2009		10:36	—	NAPEFAI/EQF	24.32	4.95
August 12, 2009		10:50	—	NAPEFAI/EQF	23.71	5.17
August 19, 2009		10:38	—	NAPEFAI/EQF	24.91	—
August 25, 2009		10:50	—	NAPEFAI/EQF	25.69	—
September 2, 2009		10:50	—	NAPEFAI/EQF	22.73	—
September 10, 2009		11:21	—	NAPEFAI/EQF	22.98	—
September 16, 2009		10:55	—	NAPEFAI/EQF	21.45	—
September 24, 2009		10:29	—	NAPEFAI/EQF	21.18	—
September 29, 2009		11:22	—	NAPEFAI/EQF	19.91	10.20
October 5, 2009		11:42	—	NAPEFAI/EQF	18.68	6.73
November 24, 2009	A	10:59	7.70		11.33	8.78
November 24, 2009	B	10:59	—		—	—
2010						
March 18, 2010	A	11:24	7.47		6.75	12.35

March 18, 2010	B	11:24	—	NA	—	NA	—
April 19, 2010		10:53	7.62		10.64		10.00
May 6, 2010		11:43	7.50		16.10		8.96
May 18, 2010		10:50	7.46		13.08		8.19
May 25, 2010		10:48	7.42		16.41		7.47
June 2, 2010		10:42	7.45		19.47		6.59
June 10, 2010		11:53	7.61		19.68		6.62
June 16, 2010		11:31	7.45		20.24		6.12
June 23, 2010		11:02	7.53		22.56		7.03
June 28, 2010	A	10:29	7.64		23.38		7.88
June 28, 2010	B	10:29	—	NA	—	NA	—
July 13, 2010		10:37	7.50		24.03		5.23
July 22, 2010		10:37	7.48		26.01		5.69
July 28, 2010	A	10:53	7.51		25.30		5.41
July 28, 2010	B	10:53	—	NA	—	NA	—
August 4, 2010		10:35	7.56		24.29		5.66
August 11, 2010	A	11:00	7.43		25.23		4.78
August 11, 2010	B	11:00	—	NA	—	NA	—
August 19, 2010		11:00	7.39		25.47		4.79
August 25, 2010		11:09	7.35		24.26		4.93
September 2, 2010		11:37	7.60		24.56		6.73
September 15, 2010	A	10:53	7.67		20.80		6.67
September 15, 2010	B	10:53	—	NA	—	NA	—
September 22, 2010	A	11:03	7.53		20.81		6.40
September 22, 2010	B	11:03	—	NA	—	NA	—
September 28, 2010		11:00	7.46		21.15		6.62
October 4, 2010		10:57	7.51		19.36		8.39
November 16, 2010	A	10:45	7.59		11.06		9.14
November 16, 2010	B	10:45	—	NA	—	NA	—
December 6, 2010		11:00	7.56		7.49		10.22
2011							
January 6, 2011	A	10:55	7.68		3.33		11.45
January 6, 2011	B	10:55	—	NA	—	NA	—
February 7, 2011	A	10:55	7.63		2.30		13.85
February 7, 2011	B	10:55	—	NA	—	NA	—
March 14, 2011		10:55	7.15		6.10		12.94
April 12, 2011	A	10:45	7.32		9.37		10.63
April 12, 2011	B	10:45	—	NA	—	NA	—
May 4, 2011	A	11:20	7.22		13.31		8.76
May 4, 2011	B	11:20	—	NA	—	NA	—
May 11, 2011		11:43	7.60		13.34		8.91
May 18, 2011		11:03	7.22		15.37		8.12
May 23, 2011	A	11:04	7.25		16.33		7.76
May 23, 2011	B	11:04	—	NA	—	NA	—
June 2, 2011		11:18	7.59		19.36		7.25
June 9, 2011	A	11:21	7.43		20.15		7.33
June 9, 2011	B	11:21	—	NA	—	NA	—
June 22, 2011		11:05	7.40		21.97		6.02
June 30, 2011		11:21	7.57		23.26		6.30
July 7, 2011		11:08	7.51		23.56		5.86

July 12, 2011		11:11	7.63		24.58		6.81
July 27, 2011		10:44	7.63		24.48		6.07
August 3, 2011	A	11:20	7.40		25.12		4.70
August 3, 2011	B	11:20	—	NA	—	NA	—
August 11, 2011	A	11:44	7.52		25.50		5.41
August 11, 2011	B	11:44	—	NA	—	NA	—
August 22, 2011		11:15	7.39		24.34		5.45
September 12, 2011		11:47	7.32		22.46		6.87
September 19, 2011		10:44	7.51		19.34		6.72
September 28, 2011		10:56	7.37		21.45		5.03
October 26, 2011		11:13	7.55		15.26		6.59
November 3, 2011		11:13	7.53		11.68		9.22
December 5, 2011		11:52	7.70		10.01		9.02
2012							
January 12, 2012		11:34	7.73		7.56		9.54
February 9, 2012		11:52	7.70		6.60		9.62
March 8, 2012		11:29	7.89		7.15		10.93
April 23, 2012		11:35	7.49		14.44		5.49
May 3, 2012		11:08	7.52		13.40		5.90
May 8, 2012		11:00	7.53		14.20		7.16
May 16, 2012	A	11:27	7.54		16.16		6.20
May 16, 2012	B	11:27	—	NA	—	NA	—
May 21, 2012		10:40	7.47		17.69		6.06
June 4, 2012		11:00	7.84		20.31		5.21
June 12, 2012	A	10:45	—	NAPEFAI/EQF	20.78		4.14
June 12, 2012	B	10:45	—	NA	—	NA	—
June 21, 2012		10:45	—	NAPEFAI/EQF	22.79		3.67
June 27, 2012	A	11:04	—	NAPEFAI/EQF	22.25		3.67
June 27, 2012	B	11:04	—	NA	—	NA	—
July 9, 2012	A	10:52	—	NAPEFAI/EQF	24.62		3.46
July 9, 2012	B	10:52	—	NA	—	NA	—
July 18, 2012		10:55	7.68		25.30		6.03
August 2, 2012		10:37	7.30		25.26		4.37
August 16, 2012		11:08	7.47		25.37		5.10
August 23, 2012	A	10:55	7.32		24.14		4.54
August 23, 2012	B	10:55	—	NA	—	NA	—
September 6, 2012		10:50	7.41		24.62		5.17
September 12, 2012		11:26	7.50		23.65		5.76
September 18, 2012		09:59	7.43		22.25		5.58
September 24, 2012		11:38	7.59		21.10		6.68
October 16, 2012	A	10:52	7.55		17.08		6.95
October 16, 2012	B	10:52	—	NA	—	NA	—
November 27, 2012		09:29	7.68		9.15		9.08
December 4, 2012		09:46	7.65		8.54		9.17
2013							
January 10, 2013		09:19	7.70		5.80		10.31
February 4, 2013		09:53	7.76		3.10		12.49
March 12, 2013		09:32	7.75		5.50		11.03
April 3, 2013		09:35	8.02		6.09		11.26
May 1, 2013		11:12	7.45		11.93		8.22

May 8, 2013		10:56	7.42	[redacted]	14.80	[redacted]	7.75
May 13, 2013	A	11:02	7.56	[redacted]	14.83	[redacted]	7.27
May 13, 2013	B	11:02	—	NA	—	NA	—
May 20, 2013		11:07	7.52	[redacted]	14.94	[redacted]	6.88
May 29, 2013		11:02	7.49	[redacted]	15.67	[redacted]	6.98
June 6, 2013		10:40	7.58	[redacted]	18.19	[redacted]	6.48
June 20, 2013		10:54	7.49	[redacted]	19.84	[redacted]	7.18
July 2, 2013		10:50	7.51	[redacted]	23.19	[redacted]	5.88
July 10, 2013	A	10:50	7.62	[redacted]	23.03	[redacted]	5.77
July 10, 2013	B	10:50	—	NA	—	NA	—
July 17, 2013		11:01	7.63	[redacted]	23.56	[redacted]	5.54
July 24, 2013		11:16	7.54	[redacted]	25.34	[redacted]	4.54
August 1, 2013		11:10	7.60	[redacted]	23.57	[redacted]	6.36
August 7, 2013	A	10:33	7.67	[redacted]	23.03	[redacted]	5.62
August 7, 2013	B	10:33	—	NA	—	NA	—
August 13, 2013		11:36	7.54	[redacted]	23.25	[redacted]	5.31
August 22, 2013		11:40	7.60	[redacted]	23.08	[redacted]	4.93
August 28, 2013		09:51	7.71	[redacted]	23.15	[redacted]	5.98
September 10, 2013		09:32	7.59	[redacted]	21.30	[redacted]	5.88
September 16, 2013	A	11:06	7.57	[redacted]	20.58	[redacted]	5.78
September 16, 2013	B	11:06	—	NA	—	NA	—
September 23, 2013		11:07	7.59	[redacted]	19.42	[redacted]	6.41
October 3, 2013		11:15	7.57	[redacted]	19.33	[redacted]	6.92
November 19, 2013		11:41	7.82	[redacted]	10.20	[redacted]	8.60
December 2, 2013		11:17	7.60	[redacted]	7.18	[redacted]	9.14
2014							
January 13, 2014		11:07	7.36		2.26		11.69
February 4, 2014		12:14	7.50		1.72		12.60
March 6, 2014		09:45	7.61		0.81		11.84
April 8, 2014		11:25	7.75		7.17		11.56
May 1, 2014	A	11:50	7.70		10.26		14.34
May 1, 2014	B	11:50	—	NA	—	NA	—
May 13, 2014		11:21	7.51		12.97		8.61
May 19, 2014	A	11:18	7.35		14.13		9.00
May 19, 2014	B	11:18	—	NA	—	NA	—
June 5, 2014	A	11:19	7.40		17.75		7.22
June 5, 2014	B	11:19	—	NA	—	NA	—
June 11, 2014		11:31	7.22		18.01		6.88
June 19, 2014		10:07	7.42		20.23		6.01
June 26, 2014	A	11:25	7.56		21.04		8.13
June 26, 2014	B	11:25	—	NA	—	NA	—
July 2, 2014		11:20	7.57		22.45		6.24
July 10, 2014		11:29	7.63		20.85		8.02
July 15, 2014		11:04	7.48		21.27		5.63
July 28, 2014	A	10:53	7.56		22.55		5.77
July 28, 2014	B	10:53	—	NA	—	NA	—
August 4, 2014		11:08	7.55		21.98		6.76
August 12, 2014		10:33	7.32		22.50		5.79
August 20, 2014	A	11:14	7.56		22.20		6.79
August 20, 2014	B	11:14	—	NA	—	NA	—

August 27, 2014		11:00	7.60		22.66		6.30
September 8, 2014	A	11:00	7.48		22.76		6.82
September 8, 2014	B	11:00	—	NA	—	NA	—
September 15, 2014		11:00	7.57		21.65		5.60
September 24, 2014		11:17	7.48		21.18		6.18
September 30, 2014		10:00	7.33		20.69		5.97
October 7, 2014	A	11:14	7.50		19.24		7.12
October 7, 2014	B	11:14	—	NA	—	NA	—
November 17, 2014		11:05	7.56		10.56		9.70
December 2, 2014	A	11:00	7.63		7.95		10.14
December 2, 2014	B	11:00	—	NA	—	NA	—

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	81.3	14.9	3	24
	82.9	12.0	3	15
[redacted]				
	90.2	20.5	2	28
	92.3	16.2	3	16
	90.4	17.2	4	16
	77.2	18.8	4	18
	79.6	20.3	4	23
	—	—	5	16
	71.0	—	7.5	11
	94.5	—	7	12
	—	—	7	14
	—	—	5	18
	48.0	—	4	16
	37.0	—	6	43
	62.7	—	3	12
	64.6	17.76	4	16
	83.9	19.66	4.5	16
	64.3	18.82	5.5	79
	85.7	15.92	4.5	12
	73.8	19.03	3.5	17
	73.3	17.27	4	14
	76.0	12.27	5	20
	73.8	14.63	3	10
	79.8	20.14	5	16
	73.3	18.5	4	14
	86.4	18.3	5	15
	80.6	21.05	4	18
	82.3	15.72	3.5	14
	116.9	13.2	4	22
[redacted]				
	98.8	17.63	4	16
	118.8	17.5	4	19
	142.5	9.69	4	12
	107.4	19.44	5	29
	—	—	3	32
	99.1	21.54	3.5	6
	84.4	23.25	3	30
	83.1	25.53	3	22
	76.6	21.09	5	20
	102.8	22.42	5	33
	79.2	24.29	4	26
	86.8	24.50	4	20
	65.9	26.66	4	24
	80.0	22.90	3	13
	97.0	24.05	3.5	22

—	—	—	18
66.8	23.30	3	13
68.8	26.62	4	41
—	—	—	9
—	—	—	16
67.2	27.77	—	45
99.3	28.68	—	33
79.8	26.20	4	32
91.4	9.82	3	10
98.9	17.26	—	14
108.7	17.80	3	14
[redacted]			
130.9	16.03	3	14
122.0	20.97	2	22
116.4	21.70	4	16
96.1	21.07	5	26
127.0	17.95	5	20
90.7	23.10	4	18
75.6	20.64	3	20
121.0	21.40	3	20
102.2	25.11	5	22
85.4	20.14	—	26
76.3	20.49	—	18
81.9	20.75	—	12
95.2	23.22	—	21
79.3	23.99	4	64
67.1	23.66	3	30
68.0	21.33	4	14
70.9	24.33	5	22
102.5	20.14	5	20
83.6	22.96	4	19
86.3	23.48	5	14
79.9	12.81	5	14
93.4	20.95	4	20
[redacted]			
92.1	17.47	3	16
88.6	20.58	3	24
117.2	26.24	3	35
100.4	22.06	3	20
97.3	20.94	3	24
110.7	16.97	5	24
95.8	15.97	5	12
112.1	21.05	3	26
78.5	20.93	4	30
73.3	23.28	5	32
90.9	25.91	7	20
76.4	25.08	7	36
76.1	22.16	6	23
87.0	21.74	4	22

	98.1		23.16	—		34	
	—		—	—		28	
	97.5		10.17	4		16	
	104.2		16.54	5		37	
	91.1		17.55	4		20	
	79.3		24.06	5		48	
	82.2		24.05	5		22	
	81.9		24.29	9		16	
	82.5		25.06	7		20	
	72.7		22.61	7		9	
	64.8		24.12	4		14	
	75.3		22.14	6		15	
	73.7		24.12	5		20	
	85.7		24.48	7		14	
	74.4		22.74	5		25	
	99.6		23.86	5		16	
	64.8		26.41	5		24	
	69.6		20.46	5		18	
	—		—	—		19	
	73.4		21.42	4		15	
	74.6		21.80	3		20	J-QC/FLD/RPO
	79.4		22.83	5		26	
	127.3		22.08	4		26	
	113.9		19.85	5		17	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.71	—	NAP	15	
NAPEFAI/EQF	—	NAPEFAI/EQF	18.82	3		42	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	19.86	5		32	
	74.8		16.14	6		19	
	69.4		14.86	4		12	J-QC/FLD/RPO
	78.3		19.91	5		16	
	—		—	—		14	
	86.6		22.31	6		15	J-QC/FFD/RPO
	77.5		23.85	6		20	J-QC/FFD/RPO
	67.3		19.68	6		15	
	65.3		17.72	6		10	
	68.8		20.72	6		12	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.97	6		16	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.59	5		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.12	5		16	J-QC/FFB/FFDRPO
NAPEFAI/EQF	—	NAPEFAI/EQF	23.08	—	NAP	13	
NAPEFAI/EQF	—	NAPEFAI/EQF	24.77	5		15	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.86	8		13	
	128.4		23.24	—	NAP	12	J-QC/FFD/RPO
	83.4		24.68	8		22	
	92.2		21.76	5		10	J-QC/FFD/RPO
	—		—	—		15	J-QC/FFD/RPO
	108.7		11.05	3		22	J-QC/FFD/RPO

NA	—	NA	—	NA	—	NA	41	J-QC/FFD/RPO
	102.1		18.66		5		25	
	99.8		15.19		4		26	J-QC/FLD/RPO
	88.6		20.73		2		40	
	86.8		19.75		3		40	
	81.3		21.60		3		12	
	82.6		22.46		2		18	
	73.9		22.68		4		46	
	92.0		22.20		3		49	
	105.7		23.32		>10	L	42	
NA	—	NA	—	NA	—	NA	47	
	71.0		23.71		3		62	
	79.8		22.78		2		47	
	75.2		23.41		4		61	
NA	—	NA	—	NA	—	NA	59	
	77.6		24.15		5		44	
	66.8		25.42		5		44	
NA	—	NA	—	NA	—	NA	52	
	67.8		25.52		6		12	J-QC/FFB
	66.9		22.34		5		41	J-QC/FLD/RPO
	91.7		22.76		5		48	
	86.5		24.72		4		62	
NA	—	NA	—	NA	—	NA	50	
	82.1		23.87		5		75	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	46	J-QC/FFD/RPO
	85.4		23.89		5		16	
	99.6		18.24		6		54	
	94.5		20.59		4		54	J-QC/FFB
NA	—	NA	—	NA	—	NA	46	J-QC/FFB
	95.7		18.03		4		20	
[redacted]								
	99.1		23.36		5		23	
NA	—	NA	—	NA	—	NA	26	
	116.8		21.83		3		15	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	18	J-QC/FLD/RPO
	106.4		3.60		3		20	
	104.4		18.36		7		15	
NA	—	NA	—	NA	—	NA	15	
	90.3		14.46		4		37	
NA	—	NA	—	NA	—	NA	34	
	95.0		17.44		4		40	
	90.3		17.77		2		19	
	84.3		10.38		3		28	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	27	J-QC/FLD/RPO
	87.3		17.56		5		41	
	91.7		19.59		3		16	
NA	—	NA	—	NA	—	NA	16	
	76.6		18.38		4		18	J-QC/FFD/RPO
	81.9		17.75		5		36	
	77.3		19.21		3		16	

	91.5		19.86		3		18	
	83.1		23.02		3		18	
	65.1		23.34		3		64	
NA	—	NA	—	NA	—	NA	62	
	75.1		23.09		6		51	J-QC/FFB
NA	—	NA	—	NA	—	NA	55	J-QC/FFB
	71.1		14.94		5		10	
	81.2		3.60		3		14	
	78.8		13.34		6		23	
	63.0		17.53		3		50	
	73.1		17.98		3		10	J-QC/FFD/RPO
	93.4		14.96		5		30	
	86.5		12.28		4		13	J-QC/FFB
[redacted]								
	90.9		20.35		2		58	
	91.1		22.54		4		49	J-QC/FLD/RPO
	105.6		24.06		3		24	J-QC/FFD/RPO
	61.1		21.30		3		74	J-QC/FFD/RPO
	64.9		22.51		3		56	
	79.3		21.34		2		92	
	71.7		21.19		2		42	
NA	—	NA	—	NA	—	NA	52	
	71.7		19.96		1		50	
	65.6		22.15		4		23	
	52.3		21.25		2		49	
NA	—	NA	—	NA	—	NA	44	
	47.8		20.92		9		16	J-QC/FFB/FFDFLDRPO
	47.7		21.28		5		15	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	14	J-QC/FLD/RPO
	47.5		23.27		7		34	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	24	J-QC/FFD/RPO
	83.8		23.60		7		55	
	60.9		23.95		5		69	
	70.8		24.07		4		49	
	61.5		24.51		5		70	
NA	—	NA	—	NA	—	NA	64	
	71.6		24.57		6		60	J-QC/FFB
	78.3		24.61		4		30	
	74.6		26.48		3		25	
	87.0		25.34		4		48	
	84.0		25.78		—	NAP	66	
NA	—	NA	—	NA	—	NA	64	
	94.1		27.50		4		51	
	91.8		24.37		4		28	
[redacted]								
[redacted]	97.7	[redacted]	25.66		4		56	[redacted]
[redacted]	108.5	[redacted]	22.44		4		22	J-QC/FLD/RPO
[redacted]	101.1	[redacted]	21.85		4		22	[redacted]
[redacted]	104.2	[redacted]	21.01		5		45	[redacted]
[redacted]	87.0	[redacted]	21.26		4		52	J-QC/FFB

[redacted]	88.2	[redacted]	22.13		3		48	[redacted]
	82.8		23.50		4		52	
NA	—	NA	—	NA	—	NA	42	
[redacted]	78.9	[redacted]	23.76		5		52	J-QC
	78.2		17.55		4		12	J-QC/FFB/FFDFLDRPO
	77.6		20.74		7		56	[redacted]
	85.2		13.15		6		9	J-QC/FLD/RPO
	75.4		16.02		5		50	[redacted]
	75.9		21.16		2		63	
NA	—	NA	—	NA	—	NA	64	
[redacted]	74.5	[redacted]	23.48		5		42	
[redacted]	62.9	[redacted]	22.03		5		52	[redacted]
	85.2		22.27		1		48	
	75.4		24.40		5		52	J-QC/FFB
NA	—	NA	—	NA	—	NA	40	J-QC/FFB
[redacted]	71.2	[redacted]	24.12		2		35	[redacted]
	68.2		26.48		3		54	
	79.3		22.48		6		54	
	76.6		24.51		5		55	
[redacted]	74.6	[redacted]	25.44		3		48	J-QC
NA	—	NA	—	NA	—	NA	48	J-QC
[redacted]	81.9	[redacted]	27.27		4		59	[redacted]
	87.2		25.98		6		31	J-QC/FLD/RPO
	91.7		28.31		3		49	[redacted]
	89.3		25.32		5		60	
[redacted]								
	96.8		19.07		4		34	J-QC/FFD/FLDRPO
	106.7		24.09		2		50	J-QC
	97.5		23.56		4		39	J-QC
	103.1		11.84		3		20	
	138.3		12.70		3		30	
NA	—	NA	—	NA	—	NA	28	
	91.5		18.07		4		30	
	97.7		17.59		3		42	
NA	—	NA	—	NA	—	NA	36	
	85.8		20.87		2		27	
NA	—	NA	—	NA	—	NA	26	
	81.5		19.15		2		34	
	74.0		18.67		2		28	
	104.2		22.39		4		34	
NA	—	NA	—	NA	—	NA	31	
	81.3		22.76		5		64	J-QC/FLD/RPO
	103.1		23.96		4		36	
	72.1		24.75		2		34	
	76.1		22.72		2		38	
NA	—	NA	—	NA	—	NA	36	
	88.9		23.44		7		31	
	77.5		26.67		3		37	J-QC
	91.4		27.35		4		33	
NA	—	NA	—	NA	—	NA	36	

	84.9		26.65		10		28	J-QC/FLD/RPO
	90.8		23.58		3		32	
NA	—	NA	—	NA	—	NA	32	
	73.9		26.13		3		38	
	80.9		25.36		6		37	
	77.4		26.19		2		38	
	90.9		27.82		6		42	
NA	—	NA	—	NA	—	NA	39	
	97.2		27.46		1		38	
	99.1		22.91		3		38	
NA	—	NA	—	NA	—	NA	40	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
0.58	<2	0.14	0.036
1.07	12	0.25	0.034
0.48	3	31.26	0.039
0.56	2	0.30	0.031
0.02	2	<0.19	0.037
1.81	2	0.36	0.062
1.13	2	<0.19	0.065
1.33	3	<0.19	0.080
0.91	6	0.25	0.064
0.30	2	<0.19	0.040
<1.00	5	<0.19	0.049
0.51	<2	<0.19	0.055
2.31	3	<0.19	0.066
1.58	<2	<0.19	0.069
2.40	9	<0.19	0.082
2.01	4	0.23	0.089
1.30	2	<0.19	0.115
<0.30	<2	<0.19	0.095
2.34	<2	<0.19	0.078
1.15	2	<0.19	0.064
1.63	<2	0.24	0.118
1.16	<2	<0.19	0.103
1.16	7	0.47	0.084
0.81	4	<0.19	0.066
1.35	2	<0.19	0.092
0.91	7	<0.19	0.076
0.87	8	<0.19	0.078
1.70	<2	0.20	0.055
1.09	<2	0.47	0.052
1.21	7	<0.19	0.029
1.06	5	<0.19	0.034
<1.00	4	<0.19	0.026
0.93	4	<0.19	0.041
1.14	—	<0.19	0.047
0.93	<2	<0.19	0.051
1.33	6	<0.27	0.057
1.24	5	<0.27	0.076
1.45	3	<0.27	0.125
0.86	<2	<0.27	0.080
1.24	<2	<0.27	0.068
0.92	<2	<0.27	0.072
1.30	<2	<0.27	0.066
0.61	5	<0.27	0.067
1.70	<2	<0.27	0.066

1.12	<2	<0.27	0.053
1.03	<2	<0.27	0.051
1.08	<2	<0.27	0.076
1.50	5	<0.27	0.129
0.78	<2	<0.27	0.114
0.93	<2	<0.27	0.102
0.68	3	<0.27	0.100
<1.00	<2	<0.27	0.130
1.21	6	<0.27	0.077
1.16	<2	<0.27	0.060
1.17	<2	<0.27	0.030
1.41	4	<0.27	0.04
1.21	<2	<0.27	0.026
1.62	3	<0.27	0.042
0.76	5	<0.295	0.052
1.90	4	<0.295	0.066
1.34	—	<0.295	0.057
1.67	4	<0.295	0.055
1.14	<2	<0.295	0.059
0.48	6	<0.295	0.060
0.99	—	<0.295	0.041
0.57	—	<0.295	0.049
0.81	<2	<0.295	0.060
1.48	—	<0.295	0.059
1.99	<2	<0.295	0.041
1.67	—	<0.295	0.076
<1.00	—	<0.295	0.105
0.84	—	<0.295	0.106
<1.00	<2	<0.295	0.093
1.00	<2	<0.295	0.080
<1.00	4	<0.295	0.093
1.06	—	<0.295	0.052
0.53	<2	<0.295	0.045
1.03	<2	<0.295	0.052
0.72	—	<0.295	0.035
0.90	<2	0.517	0.034
1.41	—	<0.295	0.046
1.12	<2	0.467	0.033
1.50	—	0.060	0.026
0.94	—	0.537	0.025
0.74	—	0.282	0.039
1.55	—	0.484	0.082
0.52	—	0.640	0.091
0.33	<2	<0.039	0.109
0.37	<2	0.360	0.109
0.50	<2	0.398	0.145
<0.30	<2	0.424	0.079

0.31		<2		0.633		0.034
0.56		<2		0.408		0.020
1.48		<2		0.323		0.016
0.72		<2		0.476		0.028
0.30		<2		0.378		0.041
<0.30		<2		0.523		0.053
<0.30		<2		0.375		0.062
<0.30		—		0.343		0.060
<0.30		<2		0.406		0.061
0.49		<2		0.329		0.057
<0.30		<2		0.397		0.065
0.43		<2		0.329		0.054
0.32		<2		0.406		0.056
0.35		<2		0.293		0.057
0.34		<2		0.517		0.090
0.31		<2		0.594		0.115
0.72		<2		0.493		0.107
<0.30		<2		0.091		0.074
<0.30		<2		0.086		0.070
<0.30		<2		0.706		0.081
0.45	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.703	J-QC/FSL	0.038
0.42	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.586	J-QC/FSL/FMS	0.028
0.87	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.571		0.039
1.33	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.449		0.034
1.56	BJ-QC/FBK/FFB	<2	K	0.705		0.058
<0.30	KBJ-QC/FBK/FFBFLS	<2	K	0.391	J-QC/FMS	0.083
1.73	J-QC/FLS	<2	K	0.501	J-QC/FMS	0.070
0.85	J-QC/FFD/RPOFLS	<2	KJ-QC/FLS	0.381		0.065
1.82	BJ-QC/FBK/FFB	<2	K	0.371		0.071
<0.30	KBJ-QC/FBK/FFBFFDRPO	<2	K	0.437		0.050
1.03	BJ-QC/FBK/FFBFFDRPO	<2	K	0.437		0.050
<0.30	KBJ-QC/FBK/FFDRPO	<2	KJ-QC/FLS	0.127		0.040
0.37	J-QC/FFB/FFDRPO	<2	K	0.468		0.061
1.06	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.214		0.054
1.11	B/FBK	<2	KJ-QC/FLS	0.320		0.055
0.72	BJ-QC/FBK/FFDFLDRPOFLS	<2	K	0.193		0.048
0.78	BJ-QC/FBK/FFBFFDRPOFLS	—	NAP	0.168	J-QC/FMS	0.041
0.69	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.356		0.053
0.93	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.280		0.049
0.90	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.661		0.081
0.46	BJ-QCJ-HT/FBK/FFDRPOFLSEHT	<2	K	0.392		0.057
<1.00	KJ-QC/FFD/RPOFLS	<2	KJ-QC/FFB	0.326		0.070
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	0.285	J-QC/FMS	0.068
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.366		0.069
0.58	BJ-QC/FBK/FFBFLS	<2	K	0.264		0.061
0.57	BJ-QC/FBK/FFBFLS	<2	K	0.249		0.061
1.49	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.220		0.0215

1.51	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.225		0.0219
0.54	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FFB	0.322		0.0231
1.16	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.382		0.0501
0.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.191		0.0452
0.64	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.317		0.0567
0.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.382	J-QC/FFD/RPO	0.0607
0.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.478		0.0566
0.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.443		0.0538
0.60	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0595
0.61	BJ-QC/FBK/FFBFLS	<2	K	0.272		0.0559
0.61	BJ-QC/FBK/FFBFLS	<2	K	0.257		0.0559
0.97	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.438	J-QC/FMS	0.0413
0.55	BJ-QC/FBK/FFBFLS	<2	K	0.362		0.0574
0.63	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.514		0.0568
0.55	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.498		0.0609
0.61	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.540		0.0553
0.56	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.650		0.0592
0.50	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.639		0.0587
0.52	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.655		0.0797
0.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.886		0.1063
0.52	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.351		0.0728
0.53	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.204		0.0493
0.53	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.183		0.0492
0.39	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.482		0.0756
0.67	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.503		0.0763
1.56	BJ-QC/FBK/FFBFLS	<2	K	0.419		0.0792
1.17	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.356		0.0932
0.77	BJ-QC/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.216		0.0364
0.68	BJ-QC/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.231		0.0377
1.75	BJ-QC/FBK/FFB	<2	K	0.347		0.0420
[redacted]						
0.59	BJ-QC/FBK/FFBFLS	<2	K	0.538		0.0547
0.60	BJ-QC/FBK/FFBFLS	<2	K	0.528		0.0568
0.51	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.196		0.0344
0.46	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	0.186		0.0368
1.62	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.147		0.0117
0.71	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.225	J-QC/FMS	0.0303
0.69	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.220	J-QC/FMS	0.0280
1.91	BJ-QC/FBK/FFBFLS	<2	K	0.664		0.0275
1.97	BJ-QC/FBK/FFBFLS	<2	K	0.670		0.0255
1.16	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.158		0.0300
1.35	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB/FFDRPOFLS	0.953		0.0581
1.37	BJ-QC/FBK/FFBFLS	<2	K	0.332		0.0504
1.52	BJ-QC/FBK/FFBFLS	<2	K	0.310		0.0517
0.64	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.386		0.0353
0.68	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.283		0.0368
0.96	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.305		0.0361
1.89	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.435		0.0536
0.71	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.294	J-QC/FMS	0.0419
0.66	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.165	J-QC/FFD/RPO	0.0427

1.53	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.538		0.0603
0.54	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	<0.0293	K	0.0342
0.36	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.582		0.0473
0.31	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.751		0.0471
0.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.441	J-QC/FFB	0.0532
0.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.430	J-QC/FFB	0.0522
1.50	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.076	J-QC/FFD/RPO	0.0463
2.03	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.533		0.0548
1.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.431		0.0511
0.66	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.756		0.0535
1.43	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.376		0.0312
1.73	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.123	J-QC/FFB	0.0452
1.48	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.262		0.0645
[redacted]						
0.76	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.590		0.0489
0.61	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPOFLS	0.842	J-QC/FMS	0.0280
0.79	BJ-QC/FBK/FFB	<2	K	0.570	J-QC/FSL/FMS	0.0317
0.64	BJ-QC/FBK/FFB	3		0.675		0.0478
0.44	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.706		0.0618
0.58	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.340	J-QC/FMS	0.0546
0.60	BJ-QC/FBK/FFB	<2	K	0.418		0.0649
0.58	BJ-QC/FBK/FFB	<2	K	0.418		0.0653
0.60	BJ-QC/FBK/FFBFLS	<2	K	0.523		0.0547
0.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.329	J-QC/FMS	0.0440
0.54	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.329		0.0549
0.36	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.319		0.0564
1.08	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.455	J-QC/FMS	0.0455
0.52	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.173	J-QC/FMS	0.0415
0.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.152	J-QC/FMS	0.0421
0.45	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FFB/FFDRPO	0.259	J-QC/FMS	0.0407
0.58	BJ-QC/FBK/FFBFLS	4	J-QC/FFB/FFDRPO	0.259	J-QC/FMS	0.0407
0.58	BJ-QC/FBK/FFBFLS	<2	K	0.359	J-QC/FMS	0.0378
0.68	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.723	J-QC/FMS	0.0591
0.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	—	A/LBF	0.0556
0.90	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.301		0.0592
1.01	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.285		0.0591
0.45	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.264		0.1612
0.36	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.164	J-QC/FMS	0.1413
0.47	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.280		0.1519
0.53	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.285		0.1336
0.54	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.690		0.0835
0.60	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.653		0.0835
—	NA	—	NRP	0.632	J-QC/FMS	0.0504
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.364	J-QC/FLD/RPOFMS	0.0586
[redacted]						
—	NA	<2	KJ-QC/FMS	0.224	J/LLS	0.0370
—	NA	<2	KJ-QC/FMS	0.382	J-QC/LLS	0.0308
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.513	J-QC/FSL/FMS	0.0318
—	NA	<2	KJ-QC/FMS	0.268	J/LLS	0.0264
—	NA	<2	KJ-QC/FMS	0.477		0.0416

—	NA	<2	KJ-QC/FMS	0.726	J-QC/FMS	0.0577
0.56	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.511	J-QC/FMS	0.0560
0.55	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.528	J-QC/FMS	0.0561
2.84	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.448	J-QC	0.0628
1.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.528	J-QC/FSL/FMS	0.0672
1.43	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.465	J-QC/FSL/FMS	0.0527
1.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.318	J/LLS	0.0396
1.57	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0397
0.64	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.403	J-QC/FMS	0.0338
0.63	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.380	J-QC/LLS/FMS	0.0331
0.93	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.139	J-R/LLS	0.0362
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	0.277	J/LLS	0.0476
0.38	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.193	J-QC/LLS/FMS	0.0459
0.47	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.470		0.0450
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.458		0.0452
0.61	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.169	J-RJ-QC/LLS/FMS	0.0420
1.82	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.494		0.0509
0.51	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.319	J/LLS	0.0506
<0.30	KBJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-HT/EHT	0.362	J/LLS	0.0523
1.57	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.380	J/LLS	0.0533
0.37	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.410		0.0535
0.37	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.573		0.0646
0.41	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.319	J/LLS	0.0578
0.68	BJ-QC/FBK/FFBFLS	<2	K	0.566		0.0609
0.75	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.517	J-QC/FFD/RPO	0.0476
[redacted]						
1.69	BJ-QC/FBK/FFBFMS	<2	K	0.370	J-QC/LLS/FFB	0.0289
1.34	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.927		0.0331
0.72	BJ-QC/FBK/FFBFMS	<2	K	0.191	J/LLS	0.0286
1.58	BJ-QC/FBK/FFB	<2	K	0.165	J-QC/LLS/FFB	0.0438
1.99	BJ-QC/FBK/FFB	<2	KJ-QC	0.693	J-QC/FFB	0.0299
1.99	BJ-QC/FBK/FFB	<2	KJ-QC	0.699	J-QC/FFB	0.0302
0.71	BJ-QC/FBK/FFBFMS	<2	K	0.318	J/LLS	0.0263
0.51	BJ-QC/FBK/FFB	<2	K	0.159	J/LLS	0.0385
0.97	BJ-QC/FBK/FFB	<2	K	0.182	J/LLS	0.0382
0.87	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.403		0.0506
0.66	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.403		0.0528
0.94	BJ-QC/FBK/FFBFMS	<2	K	0.159	J-QC/LLS/FFB	0.0476
0.82	BJ-QC/FBK/FFBFMS	<2	K	0.440		0.0497
0.79	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	—	NRP/LBF	0.0453
0.80	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	—	NRP/LBF	0.0450
0.67	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FFB	0.0361
0.93	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.098	J/LLS	0.0361
0.71	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.084	J-QC/LLS/FSL	0.0360
0.66	BJ-QC/FBK/FFBFMS	<2	K	0.552	J-QC/FFD/RPO	0.0377
0.60	BJ-QC/FBK/FFBFMS	<2	K	0.201	J-QC/LLS/FFDRPO	0.0379
0.73	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.084	J-QC/LLS/FFDRPO	0.0704
0.79	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.312	QC/LLS/FLDRPOFSLF	0.0432
0.61	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0460
0.57	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	K	0.0455

0.60	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.145	J-QC/LLS/FFDRPO	0.0485
0.48	BJ-QC/FBK/FFBFMS	<2	K	0.440		0.0482
0.44	BJ-QC/FBK/FFBFMS	<2	K	0.463		0.0503
0.64	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.190	J/LLS	0.0558
0.72	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.373	J/LLS	0.0790
0.65	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.238	J-QC/LLS/FSL	0.0741
0.68	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.752	J-QC/FMS	0.0829
0.67	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.718	J-QC/FMS	0.0894
0.52	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.301	J/LLS	0.0576
0.66	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.239	J/LLS	0.0567
0.59	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.250	J/LLS	0.0581

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	0.69	0.151	0.15	0.39
	0.76	0.129	0.06	0.92
[redacted]				
	0.75	0.182	0.21	6.0
	0.55	0.103	0.12	4.0
	0.52	0.115	0.12	1.8
	0.56	0.155	0.15	2.1
	0.42	0.142	0.14	1.4
	0.61	0.161	0.17	1.8
	1.49	0.169	0.16	2.9
	0.70	0.120	0.13	4.9
	1.18	0.130	0.14	5.6
	0.72	0.163	0.16	3.3
	0.52	0.207	0.21	2.8
	0.56	0.189	0.19	1.89
	0.71	0.234	0.26	1.89
	0.62	0.215	0.21	2.45
	0.72	0.195	0.20	5.87
	0.74	0.173	0.21	2.65
	1.02	0.201	0.19	9.05
	0.71	0.209	0.19	5.08
	0.77	0.251	0.30	3.07
	0.74	0.233	0.26	3.27
	0.58	0.278	0.38	2.43
	0.52	0.177	0.19	2.04
	1.04	0.227	0.23	<0.46
	1.06	0.138	0.16	1.43
	0.86	0.221	0.13	0.96
	0.86	0.123	0.14	0.47
	0.75	0.161	0.14	0.70
[redacted]				
	0.56	0.125	0.10	2.36
	0.99	0.082	0.04	36.16
	0.62	0.085	0.19	3.73
	0.51	0.114	0.11	1.20
	0.88	0.161	0.13	3.61
	0.47	0.106	0.11	4.27
	0.88	0.168	0.15	—
	0.93	0.163	0.16	—
	0.62	0.147	0.18	—
	0.81	0.151	0.14	—
	0.47	0.162	0.17	—
	0.37	0.167	0.16	—
	0.51	0.202	0.20	—
	0.46	0.217	0.21	—
	1.11	0.225	0.22	—

0.37	0.215	0.26	—
0.48	0.234	0.25	—
0.46	0.231	0.23	—
0.46	0.155	0.19	—
0.69	0.184	0.21	—
0.68	0.227	0.24	—
0.62	0.269	0.21	—
0.60	0.250	0.25	—
0.85	0.184	0.20	—
0.64	0.163	0.20	—
0.70	0.120	0.14	—
[redacted]			
0.71	0.13	0.12	—
0.47	0.127	0.18	—
0.44	0.152	0.11	—
0.63	0.101	0.11	—
0.59	0.111	0.15	—
0.50	0.107	—	—
0.53	0.138	0.20	—
0.65	0.143	0.15	—
0.63	0.132	0.17	—
0.98	0.078	—	—
0.42	0.146	—	—
0.70	0.177	0.15	—
0.41	0.151	—	—
0.64	0.169	0.16	—
0.57	0.196	0.20	—
0.77	0.193	0.20	—
0.60	0.184	0.19	—
0.68	0.193	0.17	—
0.70	0.157	0.16	—
0.70	0.172	0.22	—
0.65	0.122	0.11	—
1.06	0.129	0.12	—
[redacted]			
1.00	0.116	0.02	1.6
0.758	0.081	0.15	0.7
0.515	0.132	0.12	3.4
0.334	0.134	0.13	3.2
0.578	0.107	0.09	8.3
0.426	0.102	0.08	163.2
0.405	0.110	0.10	44.9
0.321	0.209	0.09	3.6
0.756	0.243	0.25	6.2
0.637	0.200	—	4.0
0.972	0.216	0.15	6.8
0.870	0.31	0.16	5.3
0.890	0.24	0.20	<3.0
0.733	0.19	0.17	<3.0

	0.646		0.14		0.11	<1.1
	—		0.10		0.06	<1.1
	0.471		0.07		0.06	<1.1
	0.971		0.08		0.08	3.6
	0.466		0.13		0.12	4.5
	0.509		0.12		0.14	<2.4
	1.01		0.14		0.12	<2.4
	0.511		0.16		0.17	<2.4
	1.72		0.16		0.16	23.2
	1.21		0.18		0.16	23.1
	0.514		0.19		0.19	10.7
	0.553		0.19		0.17	16.7
	0.841		0.22		0.17	10.0
	0.786		0.18		0.17	4.1
	0.088		0.21		0.18	6.6
	1.53		0.43		0.39	4.9
	1.73		0.17		0.16	<2.4
	0.784		0.16		0.15	<2.4
	0.773		0.16		0.14	<2.4
	0.706		0.15		0.13	4.2
	0.748	J-QC/FFD/RPO	0.09	J-QC/FFB	0.09	10.9
J-QC/FFB	0.552		0.11		0.11	2.5
J-QC/FFB	1.13	J-QC/FLS	0.10		0.09	4.4
	0.651		0.16		0.13	4.4
	0.621	J-QC/FFD/RPO	0.16		0.11	4.6
J-QC/FFB	0.655		0.12		0.12	<0.4
	0.519		0.15		0.11	4.2
	0.576		0.15	J-QC/FFD/RPO	0.14	1.0
	0.708		0.16		0.14	0.7
	0.436		0.11		0.12	4.1
	0.436		0.12		0.13	3.3
	1.33	J-QC/FFB	0.13		0.13	10.4
	0.444	J-QC/FFB	0.16		0.15	9.0
	0.521	J-QC/FFB	0.16		0.17	2.4
	0.715		0.19		0.18	1.6
	1.18		0.23	J-QC/FFB	0.16	2.3
	0.377		0.16		0.15	3.3
	0.645		0.17	J-QC/FFD/RPO	0.16	2.6
J-QC/FFB	0.405		0.17		0.17	2.2
	0.895	J-QC/FFB	0.22		0.19	8.3
	0.474	J-QC/FFB	0.25	J-QC/FFB	0.17	2.4
	1.03	J-QC/FFB	0.19		0.16	2.2
J-QC/FFB	0.605		0.14		0.14	3.3
	0.605		0.17		0.14	6.7
	0.718		0.14		0.12	1.1
	0.717		0.14		0.12	1.1
	0.499		0.11		0.07	10.3

	0.431		0.09		0.09		10.9
	0.327		0.10		0.07		2.2
	0.585		0.13	J-QC/FLD/RPO	0.11		2.3
	0.431		0.12		0.10		4.3
	0.406		0.14		0.05	J-QC/FLS	<1.3
J-QC/FFB	0.506		0.13	J-QC/FFB/FFDRPO	0.12	J-QC/FFD/RPO	2.6
	0.277		0.15		0.12		2.8
	0.311		0.17		0.15		4.4
	0.426		0.15		0.13		6.4
	0.343		0.13		0.14		7.9
	0.323		0.13		0.12		6.9
	0.303		0.20		0.14		12.5
	0.353		0.23		0.20		5.0
	0.512		0.23		0.20	J-QC/FLD/RPOFLS	6.7
	0.532		0.20		0.18	J-QC/FLD/RPOFLS	7.2
	0.382		0.18	J-QC/FLD/RPOFLS	0.17		6.2
	0.354		0.23		0.19		3.1
	0.362		0.25		0.22		2.9
	0.437		0.22		0.20		3.5
	0.659		0.32		0.29		1.8
	0.558		0.19		0.16		6.5
	0.638		0.19		0.16		3.6
	0.567		0.18		0.13		3.6
	0.343		0.19		0.16		3.4
	0.364		0.19		0.16		2.9
	0.442		0.18	J-QC/FLS	0.15		3.5
	0.686		0.24		0.19		7.0
	0.855		0.13		0.13		3.3
	0.832		0.13		0.11		3.3
	0.562		0.13		0.11		5.3
[redacted]							
	0.5500		0.14		0.11		2.0
	0.4330		0.13		0.11		2.1
J-QC/FFB	0.7340		0.09		0.05		15.6
J-QC/FFB	0.7010		0.07		0.06		16.8
	0.5432	J-QC/FFD/RPO	0.09		0.10		3.6
J-QC/FFB	0.5585	J-QC/FFB/FFDRPOFLS	0.08		0.07		4.6
J-QC/FFB	0.3938	J-QC/FFB/FFDRPOFLS	0.07		0.06		4.2
	0.4995		0.11		0.09		3.6
	0.5145		0.11		0.10		3.8
	0.4659		0.10		0.10		4.4
	0.4860		0.19		0.20		5.2
	0.4509	J-QC/FFB/FFDRPOFLS	0.11		0.11		1.4
	0.6518	J-QC/FFB/FFDRPOFLS	0.11		0.10		1.2
	0.4416	J-QC/FLS	0.12		0.10		6.32
	1.0116		0.12		0.09		9.7
	0.9517		0.13		0.09		7.0
J-QC/FFB	0.6700		0.14		0.12		2.5
J-QC/FFB	0.6755	J-QC/FFB/FLS	—	A/LBF	0.10		3.0
J-QC/FFB	0.3900		0.12	J-QC/FLD/RPOFLS	0.10	J-QC/FLS	4.8

J-QC/FFB	0.3776		0.13	J-QC/FLD/RPO	0.11		7.3
	0.1974	J-QC/FFB	0.15		0.13		6.1
	0.3074		0.21		0.19		13.2
	0.2800		0.19		0.17		12.9
	0.4270		0.16		—	A/LBF	6.3
	0.4338		0.17		—	A/LBF	5.5
J-QC/FFB	0.5936		0.17		0.15		6.9
	0.3356		0.12		0.10		7.56
J-QC/FFB	0.3955		0.13		0.10		1.46
J-QC/FFB	0.4390		0.17		0.13		2.17
	0.5668		0.14		0.15	J-QC/FFD/RPO	1.33
J-QC/FFB	0.6894		0.12		0.09		2.19
J-QC/FFB	0.8260		0.12		0.10		6.75
[redacted]							
J-QC/FFB	0.6390		0.15		0.12		7.55
J-QC/FFB	0.4900		0.10		0.09		2.40
	1.0494		0.10		0.07		4.03
J-QC/FFB	0.5474		0.18		0.15		2.30
J-QC/FFB	0.3692		0.17		0.12		2.55
J-QC/FFB	0.5843		0.11		0.10		1.72
J-QC/FFB	0.7042	J-QC/FFB	—	C	0.11		1.00
J-QC/FFB	0.6671	J-QC/FFB	—	C	0.10		1.72
J-QC/FFB	0.5534	J-QC/FLS	0.19		0.13		1.99
J-QC/FFB	0.3449		0.15		0.11		1.40
J-QC/FFB	0.8283		0.13	J-QC/FFB	0.11		4.27
J-QC/FFB	0.6247		0.15	J-QC/FFB	0.09		3.56
J-QC/FFB	0.5029		0.14		0.13		9.70
J-QC/FFB	0.5780	J-QC/FLS	0.13		0.11		4.36
J-QC/FFB	0.5715	J-QC/FLS	0.13		0.11		5.00
	0.5282		0.16		0.13		3.29
	0.4762		0.13		0.13		3.00
	0.4439	J-QC/FLS	—	A/LBF	0.14		26.2
	0.5013	J-QC/FFB	0.22		0.20		0.729
	0.6847		0.20		0.19		2.60
J-QC/FFB	0.5215	J-QC/FLS	0.18		0.17		8.29
J-QC/FFB	0.4818	J-QC/FLS	0.17		0.17		5.18
	0.5334	J-QC/FLS	0.20	J-QC/FLS	0.17		3.98
	1.2042		0.16	J-QC/FLD/RPO	0.16		4.66
	0.6837		0.17		0.16		2.40
	0.6209		0.18		0.17		3.24
	0.8064	J-HT/EHT	0.20		0.18		1.36
	0.7825	J-HT/EHT	0.18		0.18		1.41
	0.4390	J-QCJ-HT/FLS/EHT	0.16		0.13		0.49
J-QC/FFB	0.7023		0.14		0.13		<0.234
[redacted]							
J-QC/FFB	0.3761	J-QC/FFD/RPO	0.12	J-QC	0.11	J-QC/FFD/RPO	1.27
J-QC/FFB	0.8082	J-QC/FFB	0.11	J-QC	0.08	J-QC	0.964
[redacted]	0.7799		0.13	[redacted]	0.10	[redacted]	4.42
J-QC/FFB	0.4571	J-HT/EHT	0.08		0.07		11.7
J-QC/FFB	0.6931	J-QC/FFB/FFDRPO	0.11	J-QC	0.10		4.42

J-QCJ-HT/FFB/EHT	0.6916	J-QCJ-HT/FFB/EHT	0.15	J-QC/FLD/RPOFMS	0.13	[redacted]	4.06
J-QC/FFB	0.3716		0.13	[redacted]	0.11	J-QC/FLD/RPO	1.13
J-QC/FFB	0.3038		0.11		0.09	J-QC/FLD/RPO	2.45
J-QCJ-HT/EHT	1.3523	J-QC	0.14	J-QC	0.12	J-QC	0.974
[redacted]	0.5458		0.13	J-QC	0.12	J-QC	1.75
	0.5589		0.16	J-QC	0.13	J-QC	2.51
J-QC/FFB/FLS	0.7504	J-QC/FFD/RPOFLS	0.13	[redacted]	0.13	J-QC	6.84
[redacted]	0.6645	J-QC/FLS	0.17	J-QC/FLD/RPOFSL	0.15	[redacted]	3.76
J-QC/FFB	0.6405		0.14	[redacted]	0.13		3.26
J-QC/FFB	0.6038		0.14		0.13		2.76
[redacted]	0.3462	J-QC/FFB/FLS	0.15	J-QC/FFD/RPO	0.11	J-QC/FLD/RPO	4.11
J-QC/FFB/FLS	0.3671		0.17	J-QC	0.16	[redacted]	2.73
J-QC/FFB	0.5459		0.19	J-QC	0.15	J-QC	4.62
J-QC/FFB	0.4692		0.14	J-QC/FLD/RPO	0.15	[redacted]	1.63
J-QC/FFB	0.4484		0.14	J-QC/FLD/RPO	0.15		2.51
J-QC/FFB	0.5458	J-QC/FFD/RPO	0.14	[redacted]	0.15		2.87
[redacted]	0.5677	J-QC/FFB	0.20	J-QC	0.16	J-QC	2.34
J-QCJ-HT/FFB/EHT	0.5129		0.17	J-QC/FMS	0.15	[redacted]	5.65
[redacted]	0.3521		0.17	[redacted]	0.14		5.54
	0.4547	J-QC/FFB	0.18		0.17		1.80
	0.4018	J-QC/FFB	0.17		0.16		2.08
J-QC/FFB	0.5536	J-QC/FLS	0.18		0.16		2.34
[redacted]	0.4785		0.16	J-QC/FFB	0.15	J-QC/FFD/RPO	4.25
	0.5207	J-QC/FFB	0.15	J-QC/FFD/RPO	0.14	[redacted]	4.41
J-QC/FFB	0.7395	J-HT/EHT	0.15	J-QC/FFB/FFDFLDRPO	0.13		4.13
[redacted]							
	0.5466		0.09		0.08		3.78
J-QC/FFB	0.4516		0.12		0.11		4.21
J-QC/FFB	0.4410		0.10		0.09		4.25
J-QC/FFB/FFDRPO	0.6129		0.10	J-QC/FFB/FLDRPO	0.06		2.72
J-QC/FFB	0.7252		0.15	J-QC/FMS	0.13		5.89
J-QC/FFB	0.6740		0.13	J-QC/FMS	0.14		2.63
	0.4573		0.09	J-QC/FFB	0.07		1.67
	0.4178		0.09		0.08		1.63
	0.3664		0.09		0.08		9.91
J-QC/FFB	0.4798		0.10		0.10		6.51
J-QC/FFB	0.4823		0.09		0.09		5.70
J-QC/FFB	0.5170		0.10	J-QC/FMS	0.10		4.50
J-QC/FFB	0.5474		0.13	J-QC/FLD/RPO	0.12		2.56
J-QC/FFB	0.3788		0.16		0.10		9.15
J-QC/FFB	0.3725		0.12		0.11		6.92
J-QC/FFB	0.4031		0.11	J-QC/FMS	0.12	J-QC/FFB	5.66
J-QC/FFB	0.3659	J-QC	0.26	-QC/FFB/FLDRPOFMS	0.13		4.57
J-HT	0.3773		0.17	J-QC/FFB	0.13		3.03
J-QC/FFB	0.3607		0.14		0.13	J-QC/FMS	1.47
J-QC/FFB	0.3606		0.16		0.13	J-QC/FMS	1.71
J-QC/FFB	0.4263		0.14		0.13		1.49
	0.4387		0.14	J-QC	0.14		11.7
J-QC/FFB	0.3490	J-HT	0.16		0.11	J-QC/FFB	7.25
J-QC/FFB	0.3454	J-HT	0.17		0.11	J-QC/FFB	8.53

	0.5721		0.18		0.16		9.72
J-QC/FFB	0.3819		0.21	J-QC/FMS	0.17		9.82
J-QC/FFB	0.3936		0.17	J-QC/FMS	0.16		10.4
	0.6420		0.19	J-QC/FFB/FMS	0.15		1.74
	0.3996	J-QC	0.21		0.17		9.21
J-QC/FFB	0.4024		0.20		0.16		10.3
J-QC/FFB	0.5279	J-QC	0.21		0.17		8.04
J-QC/FFB	0.5326	J-QC	0.19		0.16		7.25
	0.6305		0.17	J-QC/FFB	0.14		1.64
J-QC/FFB	0.6121		0.17		0.13	J-QC	1.64
J-QC/FFB	0.6417		0.15		0.13	J-QC	1.00

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	<0.5	0.00	0.01
	4.6	0.00	0.11
[redacted]			
	1.6	0.00	0.00
	5.9	0.00	0.00
	1.0	0.00	0.05
	3.2	0.01	0.10
	4.0	0.00	0.10
	4.0	0.27	0.53
	1.1	0.00	0.00
	3.4	0.00	0.31
	3.3	0.00	0.00
	3.1	0.00	0.00
	5.3	0.00	0.57
	5.7	0.00	0.00
	<0.5	0.09	0.94
	5.9	0.00	0.02
	<0.5	0.39	0.39
	7.5	0.00	0.00
	2.7	0.00	0.00
	4.5	0.00	0.10
	7.6	0.00	0.00
	5.2	0.00	0.00
	6.2	0.53	2.80
	<0.5	0.04	0.04
	<0.5	0.00	0.00
	5.8	0.00	0.00
	4.1	0.01	0.03
	5.0	0.03	0.44
	4.6	0.00	0.00
[redacted]			
	—	0.00	0.01
	<0.5	0.01	0.14
	1.2	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.05	0.05
	0.6	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.66	0.66
	3.3	0.46	0.50
	2.5	0.95	1.78
	2.0	0.00	0.04
	2.5	0.00	0.00

1.0	0.00	0.00	[redacted]
3.7	0.00	0.00	
2.8	0.00	0.00	
1.3	0.00	0.00	
1.8	0.00	0.00	
2.1	0.00	0.00	
2.2	0.00	0.12	
2.5	0.00	0.00	
2.8	0.03	0.03	
4.9	0.00	0.00	
6.5	0.00	0.00	
[redacted]			
5.9	0.04	0.04	
5.8	0.00	0.11	
2.8	0.00	0.00	
3.8	0.00	0.00	
4.2	0.00	0.00	
—	0.22	0.22	
2.2	0.00	0.00	
1.8	0.00	0.00	
1.5	0.12	0.13	
—	0.00	0.00	
—	0.00	0.00	
6.5	0.00	0.00	
—	0.00	0.00	
5.3	0.00	0.00	
5.7	0.57	1.19	
3.6	0.02	0.37	
3.6	0.00	0.00	
3.7	0.00	0.00	
6.3	0.00	0.01	
1.5	0.01	1.12	
3.0	0.04	0.23	
1.8	0.20	0.20	
[redacted]			
1.9	0.00	0.00	
1.1	0.00	0.00	
2.4	0.24	0.26	
1.6	0.00	0.06	
1.6	0.00	0.25	
1.1	0.01	0.18	
1.5	0.00	0.32	
1.0	0.66	0.66	
3.5	0.00	1.48	
2.8	0.00	0.00	
1.5	1.09	1.14	
5.2	0.00	0.00	
5.2	0.00	0.00	
5.4	0.01	1.37	

	3.1		0.01	0.01
	5.5		0.00	0.00
	3.8		0.00	0.00
	4.8		0.00	0.00
J-R	4.2		0.00	0.00
	5.3		0.12	0.98
	3.9		0.28	0.28
	4.8		0.00	0.00
	4.6		0.00	0.03
	4.9		0.00	0.00
	4.8		0.18	0.18
	3.1		0.00	0.00
	3.0		0.00	0.00
J-R	3.0		0.00	0.00
	3.1		0.00	0.00
	8.5		0.00	0.00
	2.8		0.01	0.01
	27.3		0.65	0.65
	20.3		0.65	0.65
J-R	3.5		0.00	0.12
	3.7		0.00	1.25
J-R	4.9		0.00	0.00
J-R	6.8	J-QC/FFB	0.00	0.00
J-RJ-QCJ-HT/FFD/RPOEHT	5.4		0.32	0.32
J-RJ-QC/FFD/RPO	4.1		0.34	0.88
K	5.5		0.00	0.00
	7.2		0.43	0.68
J-RJ-QC/FFD/RPO	12.8	J-QC/FFD/RPO	2.01	2.01
J-R	—	NAPEFAI/EQF	0.00	0.00
	4.1	J-QC/FFB	0.00	0.08
	4.1	J-QC/FFB	0.00	0.08
	4.5		0.00	0.00
	4.9	J-QC/FFB	1.44	1.44
	4.8		3.33	3.33
J-RJ-QC/FFB	1.2	J-QC/FFB/FSL	0.00	0.00
	5.7		0.04	0.04
	4.6		0.00	1.13
	4.9	J-QC/FFB	0.00	0.01
	4.7	J-QC/FFB	0.00	0.00
	4.6	J-QC/FFB	0.00	0.00
	4.3	J-QC/FFB	0.00	0.00
	4.0	J-QC/FFB	0.04	0.04
	4.1	J-QC/FFB	0.00	0.17
	3.6	J-QC/FFB	0.00	0.00
J-R	3.7	J-QC/FFB	0.00	0.00
J-R	4.1	J-QC/FFB	0.00	0.00
	14.10	J-QC/FFB/FFDRPOOUT	0.00	0.00

	5.10	J-QC/FFB/FFDRPO	0.00	0.00
J-RJ-QC/FFD/RPO	4.14		0.00	0.00
J-RJ-QC/FSL	4.57		0.00	0.00
	3.70	J-QC/FFB	1.43	1.43
K	4.02		0.00	0.00
	3.79	J-QC/FFB	0.00	0.00
	3.72	J-QC/FFB	0.02	1.13
	3.78	J-QC/FFB	0.00	0.00
	4.41	J-QC/FFB	0.00	0.43
	3.70	J-QC/FFD/RPO	0.00	0.00
	<0.50	KJ-QC/FFD/RPOOUTSUS	0.00	0.00
	3.60	J-QC/FFB	1.09	1.09
	3.44		0.00	0.00
	3.00	J-QC/FFB	0.00	0.00
	3.10	J-QC/FFB	0.00	0.00
	3.70	J-QC/FFB	0.01	0.01
	3.60	BJ-QC/FBK/FFB	0.00	0.00
	3.50	BJ-QC/FBK/FFB	0.00	0.00
	4.20	J-QC/FFB	0.00	0.00
J-R	4.50	J-QC/FFB	0.71	0.73
	3.80	J-QC/FFB	0.00	0.00
	3.40	J-QC/FFB	0.00	0.00
	3.20	J-QC/FFB	0.00	0.00
	2.80	J-QC/FFB	0.09	0.09
	3.40	J-QC/FFB	0.09	0.09
J-QC/FFD/RPO	2.90	J-QC/FFB	0.16	1.21
	2.90		0.27	0.28
	3.70		0.50	0.50
	3.80		0.50	0.50
J-QC/FFD/RPO	4.80		0.00	0.00
[redacted]				
J-R	4.1		0.00	0.00
J-R	4.1		0.00	0.00
	4.0	J-QC/FFB	0.10	0.10
	4.4	J-QC/FFB	0.10	0.10
J-QC/FFD/RPO	5.0		0.00	0.00
	3.0	J-QC/FFB	0.67	0.71
	2.6	J-QC/FFB	0.67	0.71
	3.3	BJ-QC/FBK/FFB	0.57	0.57
	3.2	BJ-QC/FBK/FFB	0.57	0.57
	2.4	J-QC/FFB	0.00	0.00
	4.1	J-QC/FFD/RPO	2.39	3.03
J-R	4.6	BJ-QC/FBK/FFDRPO	0.03	0.03
J-R	3.2	BJ-QC/FBK/FFDRPO	0.03	0.03
	3.2	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	2.8		0.12	0.12
J-QC/FFD/RPO	2.8		0.12	0.12
	2.9	J-QC/FFB	0.08	0.08
	3.1	J-QC/FFB/FFDRPO	0.00	0.00
	3.2	J-QC/FFB	0.00	0.00

	3.8	J-QC/FFB	0.00	0.00
	3.5	J-QC/FFB	0.00	0.00
	4.0	J-QC/FFB	0.69	0.69
	3.2	J-QC/FFB	0.69	0.69
	3.5	J-QC/FFB	0.00	0.00
	3.8	J-QC/FFB	0.00	0.00
	4.1	J-QC/FFB	0.00	0.70
	7.4	J-QC/FFB	0.00	0.00
J-R	4.6	J-QC/FFB	0.00	0.00
	4.6	BJ-QC/FBK/FFB	0.07	0.07
J-R	5.1		0.00	0.00
	3.8		0.00	0.00
	4.9		0.00	0.00
[redacted]				
	3.3		1.48	1.62
	2.9	J-QC/FFB	0.01	0.03
J-QC/FSL	3.1	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	1.6	J-QC/FFB	0.30	2.82
	2.8	J-QC/FFB	0.91	1.11
	1.9	J-QC/FFB	0.03	0.03
J-QC/FFD/RPO	2.4	J-QC/FFB	0.18	0.91
J-QC/FFD/RPO	2.6	J-QC/FFB	0.18	0.91
	2.1	J-QC/FFB	1.94	1.94
	2.5	J-QC/FFB	1.36	1.37
J-QC/FSL	2.2	BJ-QC/FBK/FFB	1.12	1.12
J-QC/FSL	2.1	BJ-QC/FBK/FFB	1.12	1.12
	2.5		0.00	0.00
	2.5	J-QC/FFB/FFDRPO	0.00	0.00
	3.5	J-QC/FFB/FFDRPO	0.00	0.00
	2.5	BJ-QC/FBK/FFBFLDRPO	0.00	0.02
	2.2	BJ-QC/FBK/FFB	0.00	0.02
	3.8	J-QC/FFB	0.39	0.39
	4.0		0.00	0.23
	2.3	J-QC/FFB	0.00	0.29
J-QC/FFD/RPOFSL	26.0	J-QC/FFD/RPOSUS	0.00	0.00
J-QC/FFD/RPOFSL	1.7	J-QC/FFD/RPO	0.00	0.00
	1.9		0.00	0.11
J-QC/FFB/FFDRPO	1.8		0.00	0.00
J-QC/FFD/RPOFSL	1.6		1.00	1.00
J-QC/FFD/RPOFSL	2.1		0.00	0.00
J-QC/FSL	3.4	J-QC/FFB	0.00	0.35
J-QC/FSL	3.0	J-QC/FFB	0.00	0.35
	4.1	BJ-QC/FBK/FFB	0.00	0.46
K	2.8	J-QC/FFB/FFDRPO	0.02	0.05
[redacted]				
J/LLS	2.60	J-QC/FFB	0.54	0.54
J-QC/LLS	4.20	BJ-QC/FBK/FFB	0.02	0.02
[redacted]	3.17	J-QC/FFB	0.00	0.68
J-QC/FFB	2.2	J-QC	0.00	0.00
J-QC/FFD/RPO	2.6	J-QC/FFD/RPO	0.00	0.00

J-QC/FFD/RPO	2.9	J-QC	1.46	2.61
J-QC/LLS/FFBFFDRPO	3.6	J-QC/FFB/FFDRPOFMS	0.00	0.00
J-QC/FFB/FFDRPO	2.5	J-QC/FFB/FFDRPOFMS	0.00	0.00
J-QC/LLS/FFB	4.8	J-QC	0.00	0.00
J/LLS	5.6	J-QC	0.00	0.00
[redacted]	3.1		3.71	3.89
	6.9	J-QC	0.00	0.00
J-QC/FFD/RPOFSL	4.8	B/FBK	0.02	1.47
[redacted]	4.6	J-QC/FLD/RPO	0.00	0.00
	4.1	J-QC/FLD/RPO	0.00	0.00
	4.1		0.00	0.00
[redacted]	3.5	J-QC/FFB/FFDRPO	0.00	0.57
	3.5	J-QC/FFB	0.88	0.88
J-QC/LLS/FFDRPO	3.0	J-QC	0.00	0.00
J-QC/FFD/RPO	3.0	J-QC	0.00	0.00
[redacted]	4.2	J-QC	1.01	1.41
J-QC/FFB	10.3	J-QC/FSL	0.49	0.49
[redacted]	4.1		0.85	0.86
	2.6		0.00	0.00
J/LLS	2.6	J-QC	0.04	0.04
[redacted]	2.0	J-QC	0.04	0.04
J-QC/FFD/RPO	1.6	J-QC/FLD/RPOFSL	0.00	0.48
J-QCJ-HT/FFD/RPOEHT	3.34	J-QC	0.00	0.00
[redacted]	5.44	J-QC/FFD/RPOFSL	0.00	0.19
	3.52	J-QC/FFD/RPO	0.00	0.00
[redacted]				
	3.1	J-QC/FMS	0.00	0.14
	2.2	J-QC/FFB/FMS	0.00	0.95
	5.0	J-QC/FFB	0.00	0.00
	3.3		0.67	0.78
J-QC/FFD/RPO	4.2	B/FBK	1.02	1.06
J-QC/FFD/RPO	3.8	B/FBK	1.02	1.06
J-QC/LLS/FFDRPO	3.8	B/FBK	0.00	0.00
J-QC/LLS/FFDRPO	4.1		0.00	0.00
J-QC/FFD/RPO	3.9		0.00	0.00
J-QC/FFB	3.8	J-QC/FMS	0.78	0.78
J-QC/FFB	3.4	J-QC/FMS	0.78	0.78
J-QC/FFD/RPO	3.4	J-QC/FMS	0.03	0.03
	4.5	J-QC/FLD/RPO	0.00	0.00
	4.4	J-QC/FFB	0.20	0.22
	3.7	J-QC/FFB	0.20	0.22
J-QC/FFD/RPO	2.4	J-QC/FMS	1.20	1.20
	0.9		0.00	0.00
	0.8		0.73	1.48
J/LLS	2.1	J-QC/FMS	0.28	0.36
J/LLS	1.2	J-QC/FMS	0.28	0.36
J-QC/LLS/FFDRPO	1.6		0.00	0.07
	1.6	3J-QC/FBK/FFBFLDRPOFMS	0.09	0.09
	1.8		0.00	0.00
	1.8		0.00	0.00

	3.7		0.00	0.00
	2.5	J-QC/FFD/RPO	0.00	0.00
	1.7	J-QC/FFD/RPO	0.00	0.00
J/LLS	3.8		0.00	0.00
	3.2	J-QC/FFB/FFDRPO	0.00	0.00
	3.0		0.00	0.00
	2.8	J-QC/FFD/RPO	0.01	0.01
	1.2	J-QC/FFD/RPO	0.01	0.01
J-QC/LLS/FFDRPO	4.9	J-QC/FLD/RPO	1.86	1.88
J-QC/LLS/FFDRPO	2.5		0.08	0.18
J-QC/LLS/FFDRPO	3.0		0.08	0.18

[redacted]

Station #19 Lower Arthur Kill	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 2, 2003	12:15	6.36	9.1	8.61
December 16, 2003	11:25	6.80	5.5	9.07
2004				
February 26, 2004	14:10	7.97	3.4	10.51
April 6, 2004	10:30	7.83	6.6	9.67
April 22, 2004	10:15	7.51	10.8	9.98
May 20, 2004	11:20	7.31	17.2	6.02
May 25, 2004	11:45	7.21	18.9	6.47
June 1, 2004	—	7.47	—	—
June 16, 2004	10:55	7.45	—	6.00
June 23, 2004	10:45	7.75	20.3	8.93
July 1, 2004	11:12	7.58	20.9	—
July 7, 2004	11:00	7.53	—	—
July 14, 2004	11:06	7.38	22.3	—
July 21, 2004	10:45	7.50	24.0	—
July 28, 2004	11:15	7.12	—	5.11
August 4, 2004	11:18	7.33	24.48	4.65
August 11, 2004	10:45	8.22	23.17	5.26
August 18, 2004	11:17	7.27	22.74	4.51
August 25, 2004	10:52	7.51	23.37	5.90
September 1, 2004	10:45	7.60	24.35	5.33
September 15, 2004	11:45	7.35	23.44	5.14
September 22, 2004	10:49	7.75	21.04	6.15
September 29, 2004	11:25	6.96	21.71	5.94
October 14, 2004	11:20	—	18.01	6.56
October 26, 2004	10:09	—	14.3	6.78
November 8, 2004	12:08	—	12.9	7.76
November 22, 2004	10:19	7.44	10.85	7.88
December 8, 2004	09:50	7.78	8.72	8.53
December 16, 2004	11:45	—	7.0	12.86
2005				
February 24, 2005	11:15	—	3.67	11.55
March 21, 2005	10:43	—	4.5	12.97
April 13, 2005	10:18	—	8.52	14.60
May 5, 2005	10:20	7.63	11.76	10.08
May 11, 2005	10:54	7.56	12.26	10.49
May 19, 2005	11:45	7.67	14.51	8.77
May 24, 2005	10:25	7.37	15.04	7.35
May 31, 2005	10:46	7.41	15.81	6.91
June 8, 2005	10:42	7.34	18.25	6.47
June 15, 2005	11:10	7.50	19.10	6.90
June 22, 2005	10:58	7.36	20.28	6.10
June 29, 2005	10:08	7.34	22.64	6.52
July 6, 2005	10:16	7.37	21.99	5.26
July 28, 2005	10:35	7.46	25.77	5.62
August 3, 2005	10:31	—	25.16	6.07

August 11, 2005	—	—	—	—
August 17, 2005	10:38	7.36	25.60	4.72
August 25, 2005	10:52	—	24.30	4.94
September 8, 2005	—	—	—	—
September 12, 2005	—	—	—	—
September 20, 2005	09:56	7.33	24.20	5.11
September 27, 2005	10:47	7.48	22.20	7.03
October 6, 2005	11:03	7.35	21.23	6.37
October 18, 2005	11:40	—	17.30	8.24
November 3, 2005	11:16	7.66	13.68	8.93
December 21, 2005	10:48	6.67	5.27	11.96
2006				
January 5, 2006	10:59	7.60	5.52	14.87
February 1, 2006	10:25	7.77	5.67	13.45
March 30, 2006	11:11	7.93	7.11	11.09
April 18, 2006	10:48	7.74	11.30	8.93
April 27, 2006	11:06	7.48	12.72	11.49
May 11, 2006	11:33	7.54	14.39	7.99
June 14, 2006	11:59	7.63	18.19	6.59
June 19, 2006	11:32	7.49	19.54	9.74
June 26, 2006	12:17	7.33	19.97	7.64
July 11, 2006	11:05	7.33	20.13	6.83
July 17, 2006	11:15	7.34	22.46	5.70
July 24, 2006	11:17	7.21	23.91	5.98
July 31, 2006	11:56	7.51	24.16	6.20
August 9, 2006	10:26	7.65	23.36	5.86
August 29, 2006	10:08	7.31	23.25	4.80
September 6, 2006	10:18	7.27	21.23	5.26
September 11, 2006	11:25	7.35	21.92	5.35
September 18, 2006	10:58	7.36	21.29	7.84
September 25, 2006	11:42	7.51	20.68	6.39
October 18, 2006	10:04	7.51	16.62	6.80
November 14, 2006	12:04	7.61	13.00	7.17
December 13, 2006	10:56	7.78	8.68	8.87
2007				
January 10, 2007	11:42	7.86	7.97	9.83
January 25, 2007	12:30	7.36	5.05	9.80
February 22, 2007	10:48	7.77	1.79	13.65
March 8, 2007	11:12	7.86	2.23	11.54
March 20, 2007	11:16	8.19	4.03	11.04
April 3, 2007	12:01	7.60	6.67	11.95
May 3, 2007	11:51	7.74	10.34	9.45
May 16, 2007	11:13	7.67	15.40	9.67
Boat engine failure - 5/18/07				
August 22, 2007	11:31	7.46	21.87	5.28
August 30, 2007	10:06	7.46	23.09	6.08
September 11, 2007	10:31	7.35	24.39	6.29
October 3, 2007	11:23	7.35	21.06	5.78
October 30, 2007	11:19	7.33	16.11	6.66
November 27, 2007	10:55	—	9.72	8.54

2008					
January 9, 2008	11:04	—		6.11	10.49
February 28, 2008	12:14	—		—	—
March 13, 2008	12:03	7.89		5.06	11.28
April 24, 2008	11:59	7.78		12.29	10.03
May 6, 2008	12:48	7.55		13.84	8.57
June 5, 2008	10:58	7.55		16.03	6.94
June 10, 2008	12:02	7.45		19.13	6.40
July 17, 2008	10:48	7.43		23.56	5.63
July 21, 2008	12:19	7.50		23.67	5.92
July 30, 2008	10:50	7.29		24.32	4.89
August 6, 2008	10:35	7.29		24.08	4.64
August 13, 2008	10:31	7.48		22.22	5.60
August 19, 2008	11:23	7.37		23.25	5.37
August 26, 2008	10:46	7.42		22.78	5.85
September 18, 2008	11:01	—		21.97	5.65
September 24, 2008	10:54	7.35		20.76	7.33
October 9, 2008	10:58	—		17.87	5.07
November 13, 2008	10:37	7.29		12.75	6.55
December 2, 2008	11:57	7.41		7.99	7.40
2009					
January 29, 2009	10:58	7.17		2.16	8.79
February 9, 2009	11:06	7.47		2.85	9.11
March 4, 2009	10:56	7.56		2.18	15.06
April 14, 2009	10:54	7.57		7.49	11.99
May 5, 2009	11:59	7.17		13.34	—
May 20, 2009	12:08	7.48		14.52	—
June 3, 2009	10:29	7.14		18.13	—
June 18, 2009	11:05	7.41		19.33	5.97
June 23, 2009	11:10	7.40		19.62	5.84
July 8, 2009	10:49	7.46		21.09	5.88
July 15, 2009	11:10	—	NAPEFAI/EQF	21.10	6.30
July 21, 2009	10:48	—	NAPEFAI/EQF	22.76	5.76
July 29, 2009	11:04	—	NAPEFAI/EQF	23.45	4.92
August 6, 2009	10:35	—	NAPEFAI/EQF	24.07	4.79
August 12, 2009	10:49	—	NAPEFAI/EQF	23.04	4.79
August 19, 2009	10:36	—	NAPEFAI/EQF	24.62	—
August 25, 2009	10:48	—	NAPEFAI/EQF	25.59	—
September 2, 2009	10:48	—	NAPEFAI/EQF	22.94	—
September 10, 2009	11:20	—	NAPEFAI/EQF	22.89	—
September 16, 2009	10:54	—	NAPEFAI/EQF	21.43	—
September 24, 2009	10:28	—	NAPEFAI/EQF	21.08	—
September 29, 2009	11:21	—	NAPEFAI/EQF	19.91	10.11
October 5, 2009	11:40	—	NAPEFAI/EQF	18.53	6.63
November 24, 2009	10:57	7.72		11.52	8.40
2010					
March 18, 2010	11:22	7.65		6.25	12.32
April 19, 2010	10:51	7.66		10.13	10.16
May 6, 2010	11:41	7.64		14.60	9.55
May 18, 2010	10:48	7.44		13.00	8.49

May 25, 2010	10:46	7.44	15.81	7.40
June 2, 2010	10:40	7.45	19.25	7.00
June 10, 2010	11:50	7.50	19.42	7.38
June 16, 2010	11:29	7.43	20.01	6.10
June 23, 2010	11:00	7.48	22.81	6.96
June 28, 2010	10:27	7.69	22.89	7.83
July 13, 2010	10:34	7.45	24.03	5.93
July 22, 2010	10:35	7.36	25.95	5.82
July 28, 2010	10:50	7.49	24.91	5.53
August 4, 2010	10:32	7.53	23.83	5.40
August 11, 2010	10:56	7.46	24.35	4.61
August 19, 2010	10:57	7.35	24.51	4.56
August 25, 2010	11:06	7.31	24.23	4.83
September 2, 2010	11:34	7.61	24.41	6.60
September 15, 2010	10:50	7.60	20.75	6.61
September 22, 2010	11:00	7.51	20.52	6.48
September 28, 2010	10:55	7.45	21.07	7.56
October 4, 2010	10:55	7.40	19.01	8.38
November 16, 2010	10:42	7.58	11.07	9.45
December 6, 2010	11:05	7.65	7.67	10.02
2011				
January 6, 2011	10:50	7.72	3.03	11.21
February 7, 2011	10:50	7.64	1.95	15.53
March 14, 2011	10:52	7.12	5.96	12.48
April 12, 2011	10:42	7.37	8.96	10.53
May 4, 2011	11:18	7.19	12.95	8.74
May 11, 2011	11:41	7.62	11.59	8.92
May 18, 2011	11:00	7.31	14.58	9.55
May 23, 2011	11:00	7.27	16.00	7.74
June 2, 2011	11:15	7.59	19.12	7.35
June 9, 2011	11:18	7.42	18.92	7.24
June 22, 2011	11:00	7.42	20.93	6.09
June 30, 2011	11:18	7.58	22.46	6.03
July 7, 2011	11:03	7.36	22.80	5.60
July 12, 2011	11:08	7.55	24.07	6.22
July 27, 2011	10:40	7.57	24.13	5.72
August 3, 2011	11:15	7.40	24.78	4.84
August 11, 2011	11:40	7.46	25.20	4.90
August 22, 2011	11:10	7.22	23.48	4.96
September 12, 2011	11:43	7.24	21.37	5.88
September 19, 2011	10:41	7.50	19.41	6.10
September 28, 2011	10:54	7.37	21.34	4.88
October 26, 2011	11:10	7.49	15.50	6.39
November 3, 2011	11:10	7.51	12.01	9.44
December 5, 2011	11:50	7.62	11.61	7.35
2012				
January 12, 2012	11:30	7.65	7.48	9.75
February 9, 2012	11:48	7.60	6.32	10.09
March 8, 2012	11:26	8.02	7.06	10.97
April 23, 2012	11:30	7.36	13.67	6.35

May 3, 2012	11:05	7.53		12.82	6.37
May 8, 2012	10:56	7.52		13.60	7.05
May 16, 2012	11:24	7.55		15.35	6.30
May 21, 2012	10:35	7.39		17.71	6.24
June 4, 2012	10:57	7.40		20.06	5.24
June 12, 2012	10:40	—	NAPEFAI/EQF	20.66	4.07
June 21, 2012	10:40	—	NAPEFAI/EQF	21.84	3.55
June 27, 2012	11:00	—	NAPEFAI/EQF	22.21	3.69
July 9, 2012	10:48	—	NAPEFAI/EQF	24.44	3.50
July 18, 2012	10:51	7.76		24.86	5.93
August 2, 2012	10:34	7.34		24.71	4.43
August 16, 2012	11:05	7.44		24.95	5.01
August 23, 2012	10:50	7.32		24.00	4.49
September 6, 2012	10:46	7.33		24.70	5.02
September 12, 2012	11:24	7.45		23.23	4.81
September 18, 2012	09:55	7.45		22.02	5.66
September 24, 2012	11:36	7.52		20.97	6.22
October 16, 2012	10:48	7.48		17.07	7.00
November 27, 2012	09:26	7.55		9.14	9.13
December 4, 2012	09:44	7.60		8.51	9.12
2013					
January 10, 2013	09:17	7.69		5.78	10.50
February 4, 2013	09:50	7.67		3.17	12.60
March 12, 2013	09:30	7.81		5.10	11.40
April 3, 2013	09:31	7.97		6.08	11.22
May 1, 2013	11:10	7.37		11.90	8.35
May 8, 2013	10:53	7.39		14.81	7.71
May 13, 2013	11:00	7.54		14.85	7.18
May 20, 2013	11:05	7.56		14.78	6.96
May 29, 2013	11:00	7.51		15.22	6.95
June 6, 2013	10:37	7.44		17.12	6.24
June 20, 2013	10:50	7.43		17.94	6.67
July 2, 2013	10:45	7.43		21.91	5.36
July 10, 2013	10:45	7.65		21.79	5.66
July 17, 2013	10:57	7.76		23.58	5.53
July 24, 2013	11:12	7.60		25.20	4.57
August 1, 2013	11:07	7.48		23.27	5.75
August 7, 2013	10:28	7.60		22.50	5.61
August 13, 2013	11:31	7.47		23.13	5.06
August 22, 2013	11:35	7.65		22.82	4.95
August 28, 2013	09:47	7.76		23.00	6.32
September 10, 2013	09:28	7.89		21.28	5.93
September 16, 2013	11:04	7.50		20.47	5.66
September 23, 2013	11:05	7.47		19.15	6.23
October 3, 2013	11:13	7.55		19.09	6.57
November 19, 2013	11:37	7.67		10.18	8.52
December 2, 2013	11:15	7.54		7.15	9.28
2014					
January 13, 2014	11:05	7.40		2.50	11.45
February 4, 2014	12:10	7.29		1.22	13.57

March 6, 2014	09:49	7.40	0.79	11.60
April 8, 2014	11:21	7.82	7.29	11.52
May 1, 2014	11:45	7.83	9.52	14.60
May 13, 2014	11:17	7.58	12.75	8.63
May 19, 2014	11:15	7.47	13.83	8.78
June 5, 2014	11:15	7.27	15.73	7.08
June 11, 2014	11:26	7.20	18.04	6.52
June 19, 2014	10:02	7.52	20.19	6.03
June 26, 2014	11:22	7.53	20.44	7.83
July 2, 2014	11:15	7.77	21.99	6.04
July 10, 2014	11:25	7.58	20.32	7.15
July 15, 2014	11:00	7.49	20.54	5.68
July 28, 2014	10:50	7.53	22.14	5.69
August 4, 2014	11:05	7.59	21.51	6.25
August 12, 2014	10:30	7.44	22.50	5.70
August 20, 2014	11:10	7.52	21.66	5.93
August 27, 2014	10:55	7.64	22.09	6.21
September 8, 2014	10:55	7.46	22.74	6.82
September 15, 2014	10:55	7.53	21.84	5.77
September 24, 2014	11:15	7.42	21.14	6.41
September 30, 2014	09:55	7.27	20.69	6.15
October 7, 2014	11:11	7.49	19.16	7.46
November 17, 2014	11:00	7.53	11.17	9.08
December 2, 2014	10:55	7.43	7.93	10.18

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	82.3	15.4	—	34
	80.0	16.0	—	180
[redacted]				
	93.6	20.9	—	80
	83.6	16.2	—	22
	91.3	18.8	—	16
	67.7	20.3	—	19
	74.2	10.7	—	22
	—	—	—	22
	—	—	—	15
	98.7	—	—	10
	—	—	—	20
	—	—	—	28
	—	—	—	16
	—	—	—	34
	59.2	—	—	13
	63.2	20.60	—	20
	69.4	21.00	—	17
	58.8	20.18	—	78
	76.4	16.52	—	15
	71.1	19.06	—	26
	66.8	17.43	—	14
	74.8	13.40	—	42
	74.0	15.90	—	18
	79.4	22.57	—	20
	75.3	19.8	—	20
	82.8	19.4	—	21
	81.6	21.31	—	26
	81.4	16.18	—	8
	116.2	13.7	—	27
[redacted]				
	98.1	17.83	—	17
	114.6	19.6	—	18
	136.5	14.78	—	9
	105.4	20.06	—	29
	109.4	17.62	—	24
	98.5	21.68	—	14
	84.2	23.26	—	32
	81.7	26.33	—	30
	78.5	22.31	—	20
	86.9	25.77	—	36
	78.0	24.56	—	28
	86.9	24.52	—	18
	70.8	27.62	—	20
	78.3	22.96	—	28
	84.5	24.53	—	28

—	—	—	20
66.0	23.52	—	22
68.6	26.60	—	44
—	—	—	11
—	—	—	17
71.1	27.80	—	34
95.2	28.77	—	42
83.4	26.28	—	39
92.9	13.57	—	18
96.6	18.64	—	21
108.0	20.41	—	20
131.8	16.70	—	22
123.5	21.63	—	31
106.2	22.77	—	22
93.2	21.10	—	29
121.7	18.32	—	32
90.6	23.66	—	30
79.4	21.54	—	50
120.9	22.19	—	25
98.2	26.69	—	24
85.0	20.89	—	32
74.4	21.62	—	24
80.4	21.86	—	22
85.0	25.34	—	32
79.3	24.60	—	72
65.1	25.72	—	52
67.9	23.60	—	24
70.6	24.41	—	24
100.2	21.07	—	34
81.8	23.65	—	22
81.0	24.63	—	28
77.2	20.37	—	26
90.8	26.94	—	40
91.5	17.87	—	20
88.3	20.76	—	26
118.3	27.26	—	30
99.1	23.94	—	27
97.0	20.95	—	24
109.6	17.73	—	20
95.4	19.39	—	25
110.2	21.12	—	23
68.3	22.64	—	41
81.4	23.73	—	22
87.7	26.22	—	22
74.7	25.13	—	30
77.6	22.65	—	20
86.4	22.68	—	36

	98.4		22.99	—		42	
	—		—	—		26	
	97.4		14.49	—		20	
	104.1		16.89	—		16	
	92.4		17.99	—		39	
	82.3		25.69	—		19	
	80.0		25.12	—		18	
	76.5		24.60	—		15	
	81.1		25.69	—		20	
	66.4		23.07	—		18	
	63.5		24.52	—		20	
	73.8		23.86	—		23	
	72.3		24.47	—		22	
	78.4		24.61	—		10	
	74.0		22.88	—		18	
	94.3		23.98	—		11	
	62.5		26.52	—		21	
	70.1		20.49	—		19	
	72.0		21.61	—		11	
	74.0		21.86	—		24	J-QC/FLD/RPO
	78.7		22.80	—		48	
	127.2		22.14	—		31	
	115.1		21.75	—		22	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.82	—		19	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.28	—		42	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	20.05	—		53	
	71.9		17.48	—		18	
	70.0		15.55	—		22	J-QC/FLD/RPO
	74.5		20.83	—		10	
	80.7		23.33	—		17	J-QC/FFD/RPO
	76.7		23.90	—		26	J-QC/FFD/RPO
	65.0		20.40	—		15	
	63.2		18.60	—		16	
	63.7		22.65	—		20	
NAPEFAI/EQF	—	NAPEFAI/EQF	23.94	—		15	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.20	—		16	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.69	—		20	J-QC/FFB/FFDRPO
NAPEFAI/EQF	—	NAPEFAI/EQF	23.13	—		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	24.72	—		12	
NAPEFAI/EQF	—	NAPEFAI/EQF	23.03	—		17	
	127.3		23.25	—		12	J-QC/FFD/RPO
	82.1		24.57	—		32	
	89.6		23.65	—		16	J-QC/FFD/RPO
	109.4		14.44	—	NA	32	J-QC/FFD/RPO
	102.1		19.40	—	NA	35	
	103.6		17.85	—	NA	58	J-QC/FLD/RPO
	90.8		20.75	—	NA	48	

84.2	20.22	—	NA	46	
85.5	22.23	—	NA	20	
91.5	22.66	—	NA	24	
76.1	22.77	—	NA	54	
91.1	22.21	—	NA	52	
104.5	23.95	—	NA	44	
78.3	23.76	—	NA	82	
81.9	22.81	—	NA	44	
76.0	23.78	—	NA	60	
73.5	24.45	—	NA	53	
63.7	26.00	—	NA	66	
63.0	25.54	—	NA	18	J-QC/FFB
65.5	22.42	—	NA	38	J-QC/FLD/RPO
89.9	23.00	—	NA	44	
85.1	24.76	—	NA	62	
82.2	24.18	—	NA	87	J-QC/FFD/RPO
95.1	24.11	—	NA	23	
97.1	18.32	—	NA	69	
97.4	20.84	—	NA	56	J-QC/FFB
94.2	17.89	—	NA	24	
[redacted]					
99.8	23.70	—	NA	21	
128.8	22.31	—	NA	41	J-QC/FLD/RPO
104.1	6.12	—	NA	21	
103.6	20.08	—	NA	12	
90.8	14.86	—	NA	44	
93.9	21.17	—	NA	50	
100.5	19.56	—	NA	30	
82.5	14.18	—	NA	51	J-QC/FLD/RPO
87.6	17.74	—	NA	36	
88.0	20.55	—	NA	18	
77.5	22.09	—	NA	15	J-QC/FFD/RPO
77.0	19.98	—	NA	35	
73.1	20.32	—	NA	20	
82.8	20.12	—	NA	22	
77.2	23.19	—	NA	18	
65.6	23.74	—	NA	70	
67.9	23.63	—	NA	59	J-QC/FFB
63.9	18.77	—	NA	22	
68.6	6.67	—	NA	24	
73.6	19.19	—	NA	40	
61.0	17.67	—	NA	50	
71.8	18.69	—	NA	16	J-QC/FFD/RPO
95.6	16.70	—	NA	46	
78.6	23.99	—	NA	26	J-QC/FFB
[redacted]					
92.1	20.79	—	NA	68	
93.6	22.59	—	NA	57	J-QC/FLD/RPO
106.0	24.00	—	NA	54	J-QC/FFD/RPO
70.4	23.34	—	NA	52	J-QC/FFD/RPO

68.7	22.72	—	NA	74	
77.8	22.53	—	NA	58	
72.0	22.59	—	NA	44	
73.6	19.89	—	NA	62	
66.0	22.78	—	NA	28	
51.4	21.40	—	NA	50	
45.9	22.45	—	NA	20	J-QC/FFB/FFDFLDRPO
47.8	21.28	—	NA	16	J-QC/FLD/RPO
47.8	23.48	—	NA	32	J-QC/FFD/RPO
81.7	23.83	—	NA	63	
61.3	24.73	—	NA	75	
69.2	24.28	—	NA	84	
60.4	24.78	—	NA	26	
69.2	25.49	—	NA	62	J-QC/FFB
65.3	25.50	—	NA	21	
72.1	27.08	—	NA	28	
80.8	25.45	—	NA	54	
84.5	25.81	—	NA	83	
94.7	27.66	—	NA	56	
91.1	24.49	—	NA	48	
[redacted]					
99.5	25.54	—	NA	56	[redacted]
109.2	22.32	—	NA	24	J-QC/FLD/RPO
103.5	22.49	—	NA	25	[redacted]
103.8	21.03	—	NA	45	
88.3	21.26	—	NA	23	J-QC/FFB
87.2	22.32	—	NA	46	[redacted]
81.9	23.47	—	NA	44	[redacted]
79.7	24.41	—	NA	49	J-QC
77.7	18.99	—	NA	14	J-QC/FFB/FFDFLDRPO
75.4	21.67	—	NA	66	[redacted]
79.9	21.72	—	NA	20	J-QC/FLD/RPO
68.6	20.05	—	NA	66	[redacted]
73.4	22.93	—	NA	56	
75.1	24.06	—	NA	58	
63.9	22.25	—	NA	53	[redacted]
76.2	23.31	—	NA	53	
74.8	25.19	—	NA	65	J-QC/FFB
68.2	24.59	—	NA	44	[redacted]
67.1	27.11	—	NA	63	
82.5	22.81	—	NA	46	
77.2	24.51	—	NA	59	
73.1	25.61	—	NA	52	J-QC
79.1	27.33	—	NA	74	[redacted]
82.8	26.05	—	NA	18	J-QC/FLD/RPO
90.8	28.33	—	NA	41	[redacted]
89.7	25.50	—	NA	68	
[redacted]					
96.0	20.86	—	NA	43	J-QC/FFD/FLDRPO
112.5	24.36	—	NA	53	J-QC

95.6	23.66	—	NA	46	J-QC
103.4	12.15	—	NA	69	
141.9	16.59	—	NA	31	
90.9	18.41	—	NA	34	
95.1	18.17	—	NA	45	
82.3	26.04	—	NA	45	
77.6	19.26	—	NA	38	
74.4	19.06	—	NA	30	
99.2	22.80	—	NA	34	
77.7	23.95	—	NA	52	J-QC/FLD/RPO
91.5	24.71	—	NA	32	
73.2	26.20	—	NA	36	
74.6	23.23	—	NA	34	
81.2	24.00	—	NA	38	
76.3	25.69	—	NA	42	J-QC
79.1	27.72	—	NA	36	
83.0	26.83	—	NA	38	J-QC/FLD/RPO
90.6	23.61	—	NA	38	
76.1	25.13	—	NA	37	
83.7	25.39	—	NA	32	
79.8	26.27	—	NA	41	
95.2	27.88	—	NA	36	
98.5	28.52	—	NA	40	
99.5	22.88	—	NA	36	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.69	<2	0.12	0.035
1.16	36	0.22	0.037
[redacted]			
0.25	3	<0.19	0.036
0.62	2	<0.19	0.031
0.04	2	<0.19	0.036
2.05	2	0.20	0.062
1.07	2	<0.19	0.064
1.38	2	0.24	0.082
0.80	3	0.25	0.065
2.36	2	<0.19	0.043
—	<2	<0.19	0.054
0.30	<2	0.85	0.055
3.28	<2	<0.19	0.070
2.83	4	<0.19	0.069
2.00	8	<0.19	0.064
2.22	3	<0.19	0.079
2.03	2	<0.19	0.110
1.48	2	<0.19	0.072
2.36	<2	<0.19	0.077
1.25	<2	<0.19	0.066
1.34	2	<0.19	0.115
1.14	<2	<0.19	0.070
0.85	2	0.41	0.069
1.15	<2	<0.19	0.067
1.01	2	<0.19	0.058
0.81	6	<0.19	0.062
1.51	7	<0.19	0.075
1.66	<2	0.50	0.051
1.19	<2	0.35	0.051
[redacted]			
1.30	5	<0.19	0.028
1.14	5	<0.19	0.033
<1.00	3	<0.19	0.026
1.17	<2	<0.19	0.040
1.12	—	<0.19	0.048
0.90	13	<0.19	0.047
1.36	25	<0.27	0.056
1.26	8	<0.27	0.068
1.19	<2	<0.27	0.080
0.92	<2	<0.27	0.077
1.03	<2	<0.27	0.062
1.01	<2	<0.27	0.074
1.15	<2	<0.27	0.076
1.32	4	<0.27	0.072
1.34	<2	<0.27	0.060

1.01	<2	<0.27	0.052
1.41	<2	<0.27	0.053
1.11	<2	<0.27	0.080
1.00	3	<0.27	0.116
0.77	3	<0.27	0.104
1.11	6	<0.27	0.101
1.41	<2	<0.27	0.096
1.33	4	<0.27	0.130
1.15	5	<0.27	0.062
0.92	<2	<0.27	0.050
<1.00	<2	<0.27	0.030
<1.00	6	<0.27	0.04
1.10	<2	<0.27	0.026
1.07	3	<0.27	0.034
0.85	7	<0.295	0.051
1.57	<2	<0.295	0.064
1.06	—	<0.295	0.054
1.33	4	<0.295	0.046
1.03	3	<0.295	0.052
0.76	<2	<0.295	0.049
0.83	—	<0.295	0.036
0.72	—	<0.295	0.048
—	<2	<0.295	0.053
1.20	—	<0.295	0.051
1.88	<2	<0.295	0.039
1.85	—	<0.295	0.078
1.00	—	<0.295	0.090
0.82	—	<0.295	0.100
<1.00	—	<0.295	0.081
0.87	—	<0.295	0.077
<1.00	5	<0.295	0.087
0.84	<2	<0.295	0.035
0.95	<2	<0.295	0.036
0.77	<2	<0.295	0.052
0.70	4	<0.295	0.035
0.78	<2	0.402	0.031
0.87	<2	<0.295	0.039
1.12	<2	0.254	0.032
1.20	—	<0.039	0.025
0.50	—	0.402	0.021
0.78	—	0.333	0.037
0.33	—	0.421	0.084
0.82	—	0.614	0.092
<0.30	<2	—	0.104
0.42	<2	0.326	0.110
<0.30	<2	0.416	0.132
<0.30	<2	0.356	0.068

0.31		<2		0.762		0.034
0.55		<2		0.395		0.020
0.38		<2		0.285		0.015
0.44		<2		0.106		0.029
0.75		<2		0.451		0.040
<0.30		<2		0.408		0.046
<0.30		<2		0.465		0.059
<0.30		<2		0.302		0.058
<0.30		<2		0.140		0.055
0.53		<2		0.325		0.056
<0.30		<2		0.347		0.059
1.20		<2		0.379		0.057
<0.30		<2		0.050		0.054
<0.30		<2		0.036		0.061
0.35		<2		0.465		0.087
0.34		<2		0.493		0.113
<0.30		<2		0.398		0.105
<0.30		<2		0.029	J-R	0.060
<0.30		<2		0.676		0.083
0.47	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.352	J-QC/FSL	0.034
0.38	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.458	J-QC/FSL/FMS	0.030
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.555		0.037
0.47	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.084		0.028
0.56	BJ-QC/FBK/FFBFLS	<2	K	0.496		0.055
<0.30	KBJ-QC/FBK/FFBFLS	<2	K	0.371	J-QC/FMS	0.079
<0.30	KJ-QC/FLS	<2	K	0.485	J-QC/FMS	0.067
0.55	J-QC/FFD/RPOFLS	<2	KJ-QC/FLS	0.386		0.057
1.42	BJ-QC/FBK/FFB	<2	K	0.381		0.062
0.96	BJ-QC/FBK/FFBFFDRPO	<2	K	0.285		0.045
0.64	BJ-QC/FBK/FFDRPO	<2	KJ-QC/FLS	0.137		0.033
0.67	J-QC/FFB/FFDRPO	<2	K	0.305		0.045
0.49	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.183		0.057
0.47	B/FBK	<2	KJ-QC/FLS	0.203		0.044
<0.30	KBJ-QC/FBK/FFDFLDRPOFLS	<2	K	0.183		0.043
0.56	BJ-QC/FBK/FFBFFDRPOFLS	—	NAP	0.163	J-QC/FMS	0.037
0.44	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.300		0.053
1.12	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.407		0.051
0.95	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.493		0.074
0.47	BJ-QCJ-HT/FBK/FFDRPOFLSEHT	<2	K	0.463		0.062
<1.00	KJ-QC/FFD/RPOFLS	<2	KJ-QC/FFB	0.331		0.071
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	<0.018	KJ-QC/FMS	0.061
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.244		0.060
0.54	BJ-QC/FBK/FFBFLS	<2	K	0.157		0.048
0.85	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.190		0.0202
1.01	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FFB	0.332		0.0226
0.56	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.241		0.0313
0.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.216		0.0498

0.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.423		0.0602
0.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.478	J-QC/FFD/RPO	0.0580
0.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.236		0.0550
0.77	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.563		0.0476
0.66	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0655
0.63	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.0493
0.70	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.448	J-QC/FMS	0.0414
0.42	BJ-QC/FBK/FFBFLS	<2	K	0.513		0.0558
0.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.351		0.0439
0.58	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.451		0.0544
0.56	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.330		0.0411
0.56	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.571		0.0748
0.56	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.912		0.1156
0.50	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.288		0.0720
0.61	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.168		0.0487
0.66	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.398		0.0599
0.58	BJ-QC/FBK/FFBFLS	<2	K	0.372		0.0686
1.13	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	<0.0175	K	0.0951
0.80	BJ-QC/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.246		0.0370
1.26	BJ-QC/FBK/FFB	<2	K	0.287		0.0412
[redacted]						
0.59	BJ-QC/FBK/FFBFLS	<2	K	0.508		0.0439
0.47	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.151		0.0331
1.86	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.162		0.0173
0.64	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.272	J-QC/FMS	0.0239
1.85	BJ-QC/FBK/FFBFLS	<2	K	0.501		0.0258
0.46	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.174		0.0210
0.65	BJ-QC/FBK/FFBFFDRPOFLS	2	J-QC/FFB/FFDRPOFLS	<0.0293	K	0.0501
1.64	BJ-QC/FBK/FFBFLS	<2	K	0.299		0.0551
0.65	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.305		0.0303
0.73	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.256		0.0337
1.64	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.441		0.0470
0.68	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.316	J-QC/FMS	0.0367
0.68	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.320	J-QC/FFD/RPO	0.0473
1.33	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.586		0.0586
0.60	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.479		0.0338
0.32	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.381		0.0416
0.68	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.789	J-QC/FFB	—
0.50	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.125	J-QC/FFD/RPO	0.0336
1.77	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.512		0.0557
1.37	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.121		0.0476
1.44	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.041	J-R	0.0530
0.98	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.417		0.0333
1.22	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.185	J-QC/FFB	0.0430
1.06	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.309		0.0517
[redacted]						
0.79	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.406		0.0462
0.55	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPOFLS	0.796	J-QC/FMS	0.0283
0.74	BJ-QC/FBK/FFB	<2	K	0.095	J-QC/FSL/FMS	0.0311
0.58	BJ-QC/FBK/FFB	<2	K	0.298		0.0454

0.41	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.439		0.0595
0.60	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0378	KJ-QC/FMS	0.0621
0.56	BJ-QC/FBK/FFB	<2	K	0.439		0.0606
0.68	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	K	0.0480
0.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.371	J-QC/FMS	0.0434
<0.30	KBJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	<0.0378	K	0.0544
0.48	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.340	J-QC/FMS	0.0391
0.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.246	J-QC/FMS	0.0405
0.55	BJ-QC/FBK/FFBFLS	3	J-QC/FFB/FFDRPO	0.275	J-QC/FMS	0.0394
0.53	BJ-QC/FBK/FFBFLS	<2	K	0.111	J-QC/FMS	0.0284
0.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.533	J-QC/FMS	0.0497
0.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	—	A/LBF	0.0527
0.59	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.301		0.0569
0.45	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.301		0.1511
0.38	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.253	J-QC/FMS	0.1581
0.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.236		0.1406
1.20	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.348		0.1333
0.63	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.516		0.0796
—	NA	—	NRP	0.653	J-QC/FMS	0.0519
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.374	J-QC/FLD/RPOFMS	0.0555
[redacted]						
—	NA	<2	KJ-QC/FMS	0.286	J/LLS	0.0376
—	NA	<2	KJ-QC/FMS	0.399	J-QC/LLS	0.0286
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.456	J-QC/FSL/FMS	0.0318
—	NA	<2	KJ-QC/FMS	0.302	J/LLS	0.0266
—	NA	<2	KJ-QC/FMS	1.220		0.0418
—	NA	<2	KJ-QC/FMS	0.755	J-QC/FMS	0.0592
0.55	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.499	J-QC/FMS	0.0538
0.86	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.443	J-QC	0.0598
0.88	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.409	J-QC/FSL/FMS	0.0646
0.62	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.375	J-QC/LLS/FSLFMS	0.0429
0.70	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.318	J/LLS	0.0243
0.66	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.108	J-RJ-QC/LLS/FMS	0.0355
<0.30	KBJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.114	J-RJ-QC/LLS/FMS	0.0261
0.50	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0254
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	0.211	J/LLS	0.0445
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.253	J-QC/LLS/FMS	0.0342
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0368
0.33	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.187	J-QC/LLS/FMS	0.0430
0.55	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.289	J/LLS	0.0394
0.43	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.392	J/LLS	0.0444
<0.30	KBJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-HT/EHT	0.386	J/LLS	0.0527
0.35	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.452		0.0524
0.41	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.440		0.0618
0.45	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.482		0.0604
0.81	BJ-QC/FBK/FFBFLS	<2	K	0.631		0.0672
0.78	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.370	J-QC/LLS/FFDRPO	0.0491
[redacted]						
0.96	BJ-QC/FBK/FFBFMS	<2	K	0.501	J-QC/FFB	0.0360
0.66	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.758		0.0398

0.66	BJ-QC/FBK/FFBFMS	<2	K	0.242	J/LLS	0.0298
0.50	BJ-QC/FBK/FFB	<2	K	0.278	J-QC/LLS/FFB	0.0339
0.88	BJ-QC/FBK/FFB	<2	KJ-QC	0.506	J-QC/FFB	0.0284
0.60	BJ-QC/FBK/FFBFMS	<2	K	0.273	J/LLS	0.0231
0.67	BJ-QC/FBK/FFB	<2	K	0.295	J/LLS	0.0371
0.85	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.352	J/LLS	0.0296
0.84	BJ-QC/FBK/FFBFMS	<2	K	0.176	J-QC/LLS/FFB	0.0446
0.74	BJ-QC/FBK/FFBFMS	<2	K	0.452		0.0493
0.79	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	—	NRP/LBF	0.0398
0.66	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FFB	0.0312
0.54	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0381
0.76	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.095	J-QC/LLS/FSL	0.0352
0.60	BJ-QC/FBK/FFBFMS	<2	K	0.245	J-QC/LLS/FFDRPO	0.0351
0.56	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.067	J-QC/LLS/FFDRPO	0.0518
0.52	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	J-QC/FLD/RPOFSLFM	0.0337
0.56	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.078	J/LLS	0.0449
0.62	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.201	J-QC/LLS/FFDRPO	0.0399
0.53	BJ-QC/FBK/FFBFMS	<2	K	0.123	J/LLS	0.0435
0.70	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.334	J/LLS	0.0568
0.72	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.532		0.0790
0.65	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.368	J-QC/LLS/FSL	0.0750
0.66	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.979	J-QC/FMS	0.0924
0.54	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.272	J/LLS	0.0568
0.63	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.351	J/LLS	0.0582

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	17.18	0.158	0.16	—
	0.57	0.322	0.17	—
[redacted]				
	0.71	0.237	0.02	—
	0.58	0.101	0.11	—
	0.47	0.106	0.11	—
	0.54	0.201	0.15	—
	0.39	0.145	0.15	—
	0.67	0.167	0.19	—
	0.85	0.165	0.14	—
	0.57	0.113	0.15	—
	1.05	0.145	0.14	—
	0.82	0.176	0.18	—
	0.46	0.195	0.21	—
	0.55	0.201	0.21	—
	0.67	0.268	0.26	—
	0.70	0.194	0.19	—
	0.67	0.194	0.20	—
	1.15	0.219	0.26	—
	1.11	0.221	0.19	—
	0.89	0.220	0.20	—
	0.63	0.289	0.29	—
	0.57	0.206	0.27	—
	0.54	0.198	0.38	—
	0.48	0.163	0.19	—
	1.05	0.181	0.18	—
	0.77	0.110	0.15	—
	0.76	0.192	0.13	—
	0.79	0.134	0.13	—
	0.69	0.128	0.14	—
[redacted]				
	0.53	0.127	0.10	—
	0.86	0.090	0.05	—
	0.54	0.079	0.16	—
	0.51	0.125	0.12	—
	0.72	0.136	0.12	—
	0.38	0.102	0.11	—
	0.89	0.173	0.20	—
	0.74	0.191	0.15	—
	0.58	0.123	0.15	—
	0.92	0.135	0.14	—
	0.48	0.157	0.19	—
	0.33	0.169	0.16	—
	0.51	0.165	0.19	—
	0.47	0.231	0.24	—
	0.68	0.209	0.22	—

0.36	0.213	0.23	—
0.47	0.238	0.24	—
0.45	0.234	0.24	—
0.58	0.153	0.18	—
0.64	0.201	0.20	—
0.63	0.243	0.26	—
0.56	0.231	0.20	—
0.84	0.250	0.25	—
0.76	0.160	0.19	—
0.55	0.139	0.19	—
0.57	0.100	0.13	—
0.65	0.15	0.13	—
0.41	0.115	0.18	—
0.31	0.162	0.10	—
0.64	0.115	0.13	—
0.71	0.136	0.16	—
0.45	0.091	—	—
0.39	0.112	0.20	—
0.53	0.135	0.12	—
0.54	0.161	0.14	—
0.36	0.146	—	—
0.36	0.141	—	—
0.51	0.154	0.13	—
0.35	0.154	—	—
0.44	0.179	0.17	—
0.52	0.184	0.21	—
0.53	0.179	—	—
0.70	0.165	—	—
0.43	0.169	—	—
0.72	—	—	—
0.55	0.157	0.17	—
0.39	0.153	0.11	—
0.46	0.129	0.12	—
1.13	0.085	0.05	—
0.674	0.116	0.15	—
0.462	0.126	0.13	—
1.01	0.113	0.11	—
0.448	0.111	0.09	—
0.510	0.099	0.07	—
0.310	0.069	0.06	—
0.313	0.146	0.08	—
0.786	0.278	0.23	—
0.666	0.205	—	—
0.889	0.178	0.16	—
0.901	0.31	0.16	—
0.810	0.21	0.20	—
0.660	0.17	0.15	—

	0.648		0.12		0.09	—	
	—		0.11		0.06	—	
	0.451		0.07		0.07	—	
	0.870		0.08		0.08	—	
	0.333		0.13		0.10	—	
	0.384		0.10		0.11	—	
	0.906		0.15		0.12	—	
	0.514		0.17		0.16	—	
	1.81		0.17		0.16	—	
	1.02		0.18		0.17	—	
	0.978		0.16		0.16	—	
	0.580		0.18		0.17	—	
	0.715		0.23		0.17	—	
	0.492		0.17		0.17	—	
	0.372		0.18		0.16	—	
	1.56		0.36		0.31	—	
	1.38		0.16		0.16	—	
	0.599		0.14		0.13	—	
	0.756		0.16		0.14	—	
	0.682	J-QC/FFD/RPO	0.07	J-QC/FFB	0.07	—	
J-QC/FFB	0.403		0.08		0.09	—	
J-QC/FFB	0.814	J-QC/FLS	0.09		0.08	—	
	0.508		0.11		0.11	—	
	0.560	J-QC/FFD/RPO	0.14		0.10	—	
J-QC/FFB	0.592		0.12		0.12	—	
	0.492		0.14		0.11	—	
	0.392		0.12	J-QC/FFD/RPO	0.11	—	
	0.894		0.12		0.12	—	
	0.385		0.11		0.13	—	
	0.893	J-QC/FFB	0.12		0.12	—	
	0.358	J-QC/FFB	0.13		0.13	—	
	0.509	J-QC/FFB	0.16		0.17	—	
	0.591		0.17		0.14	—	
	0.565		0.25	J-QC/FFB	0.13	—	
	0.325		0.14		0.13	—	
	0.565		0.17	J-QC/FFD/RPO	0.18	—	
J-QC/FFB	0.345		0.18		0.18	—	
	0.712	J-QC/FFB	0.20		0.17	—	
	0.421	J-QC/FFB	0.27	J-QC/FFB	0.17	—	
	0.896	J-QC/FFB	0.16		0.15	—	
J-QC/FFB	0.507		0.13		0.13	—	
	0.507		0.17		0.14	—	
	0.519		0.13		0.11	—	
	0.350		0.12		0.07	—	NA
	0.272		0.08		0.06	—	NA
	1.24		0.08	J-QC/FLD/RPO	0.07	—	NA
	0.380		0.11		0.10	—	NA

	0.310		0.15		0.06	J-QC/FLS	—	NA
J-QC/FFB	0.362		0.12	J-QC/FFB/FFDRPO	0.11	J-QC/FFD/RPO	—	NA
	0.265		0.15		0.13		—	NA
	0.269		0.15		0.12		—	NA
	0.458		0.15		0.14		—	NA
	0.278		0.12		0.11		—	NA
	0.235		0.23		0.14		—	NA
	0.400		0.21		0.19		—	NA
	0.592		0.17		0.15	J-QC/FLD/RPOFLS	—	NA
	0.281		0.19	J-QC/FLD/RPOFLS	0.17		—	NA
	0.240		0.17		0.15		—	NA
	0.454		0.22		0.20		—	NA
	0.609		0.33		0.29		—	NA
	0.531		0.18		0.16		—	NA
	0.661		0.17		0.15		—	NA
	0.281		0.18		0.16		—	NA
	0.485		0.18	J-QC/FLS	0.15		—	NA
	0.694		0.30		0.22		—	NA
	0.523		0.14		0.13		—	NA
	0.624		0.12		0.11		—	NA
[redacted]								
	0.4310		0.14		0.11		—	NA
J-QC/FFB	0.5610		0.10		0.08		—	NA
	0.5255	J-QC/FFD/RPO	0.10		0.09		—	NA
J-QC/FFB	0.4901	J-QC/FFB/FFDRPOFLS	0.07		0.07		—	NA
	0.4419		0.11		0.09		—	NA
	0.3013		0.08		0.08		—	NA
	0.4400		0.13		0.14		—	NA
	0.4537	J-QC/FFB/FFDRPOFLS	0.16		0.10		—	NA
	0.3755	J-QC/FLS	0.11		0.08		—	NA
	0.8206		0.11		0.08		—	NA
J-QC/FFB	0.7156		0.11		0.10		—	NA
J-QC/FFB	0.6465	J-QC/FFB/FLS	—	A/LBF	0.09		—	NA
J-QC/FFB	0.3327		0.11	J-QC/FLD/RPOFLS	0.09	J-QC/FLS	—	NA
J-QC/FFB	0.3436		0.14	J-QC/FLD/RPO	0.12		—	NA
	0.1759	J-QC/FFB	0.14		0.13		—	NA
	0.2655		0.15		0.14		—	NA
A/LBF	0.4041		0.16		—	A/LBF	—	NA
J-QC/FFB	0.3277		0.13		0.11		—	NA
	0.2760		0.12		0.10		—	NA
J-QC/FFB	0.3222		0.11		0.09		—	NA
J-QC/FFB	0.4605		0.16		0.11		—	NA
	0.5495		0.14		0.18	J-QC/FFD/RPO	—	NA
J-QC/FFB	0.5862		0.11		0.09		—	NA
J-QC/FFB	0.5417		0.11		0.10		—	NA
[redacted]								
J-QC/FFB	0.6317		0.12		0.12		—	NA
J-QC/FFB	0.4242		0.08		0.08		—	NA
	0.5831		0.10		0.08		—	NA
J-QC/FFB	0.5229		0.12		0.10		—	NA

J-QC/FFB	0.3252		0.12		0.07		—	NA
J-QC/FFB	0.6284		0.13		0.11		—	NA
J-QC/FFB	0.6335	J-QC/FFB	—	C	0.09		—	NA
J-QC/FFB	0.4021	J-QC/FLS	0.16		0.11		—	NA
J-QC/FFB	0.8504		0.14		0.10		—	NA
J-QC/FFB	0.7511		0.13	J-QC/FFB	0.10		—	NA
J-QC/FFB	0.3961		0.12		0.10		—	NA
J-QC/FFB	0.6075	J-QC/FLS	0.13		0.11		—	NA
	0.4278		0.14		0.13		—	NA
	0.3147	J-QC/FLS	—	A/LBF	0.11		—	NA
	0.3924	J-QC/FFB	0.18		0.16		—	NA
	0.6173		0.18		0.17		—	NA
J-QC/FFB	0.4635	J-QC/FLS	0.17		0.17		—	NA
	0.5265	J-QC/FLS	0.19	J-QC/FLS	0.17		—	NA
	0.6025		0.16	J-QC/FLD/RPO	0.16		—	NA
	0.5730		0.15		0.15		—	NA
	0.6923		0.18		0.17		—	NA
	0.7751	J-HT/EHT	0.18		0.18		—	NA
	0.4721	J-QCJ-HT/FLS/EHT	0.14		0.13		—	NA
J-QC/FFB	0.7577		0.14		0.13		—	NA
[redacted]								
J-QC/FFB	0.3729	J-QC/FFD/RPO	0.10	J-QC	0.09	J-QC/FFD/RPO	—	NA
J-QC/FFB	0.6798	J-QC/FFB	0.10	J-QC	0.08	J-QC	—	NA
[redacted]	0.5902	[redacted]	0.11		0.08		—	NA
J-QC/FFB	0.4333	J-HT/EHT	0.08		0.06		—	NA
J-QC/FFB	0.5352	J-QC/FFB/FFDRPO	0.10	J-QC	0.10		—	NA
J-QCJ-HT/FFB/EHT	0.7316	J-QCJ-HT/FFB/EHT	0.17	J-QC/FLD/RPOFMS	0.14		—	NA
J-QC/FFB	0.3173	[redacted]	0.13		0.10	J-QC/FLD/RPO	—	NA
J-QCJ-HT/EHT	0.4819	J-QC	0.13	J-QC	0.12	J-QC	—	NA
[redacted]	0.5618	[redacted]	0.14	J-QC	0.12	J-QC	—	NA
	0.3539		0.13	J-QC	0.11	J-QC	—	NA
J-QC/FFB/FLS	0.7340	J-QC/FFD/RPOFLS	0.09		0.09	J-QC	—	NA
[redacted]	0.3829	J-QC/FLS	0.16	J-QC/FLD/RPOFSL	0.12		—	NA
J-QC/FFB	0.4955	[redacted]	0.10		0.09		—	NA
[redacted]	0.5563	J-QC/FFB/FLS	0.10	J-QC/FFD/RPO	0.09	J-QC/FLD/RPO	—	NA
J-QC/FFB/FLS	0.3366	[redacted]	0.16	J-QC	0.15		—	NA
J-QC/FFB	0.3958		0.15	J-QC	0.15	J-QC	—	NA
J-QC/FFB	0.2874		0.11	J-QC/FLD/RPO	0.12		—	NA
J-QC/FFB	0.4691	J-QC/FFD/RPO	0.13		0.14		—	NA
[redacted]	0.4257	J-QC/FFB	0.15	J-QC	0.12	J-QC	—	NA
J-QCJ-HT/FFB/EHT	0.5184	[redacted]	0.15	J-QC/FMS	0.14		—	NA
[redacted]	0.3616		0.15		0.14		—	NA
	0.4656	J-QC/FFB	0.16		0.15		—	NA
J-QC/FFB	0.4779	J-QC/FLS	0.16		0.15		—	NA
[redacted]	0.5057	[redacted]	0.17	J-QC/FFB	0.16	J-QC/FFD/RPO	—	NA
	0.5164	J-QC/FFB	1.52	-QC/FFD/RPOSUSOU	1.40	J/SUS/OUT	—	NA
J-QC/FFB	0.7121	J-HT/EHT	0.15	I-QC/FFB/FFDFLDRPC	0.13		—	NA
[redacted]								
	0.4953		0.09		0.08		—	
J-QC/FFB	0.4009		0.10		0.10		—	

J-QC/FFB	0.4033		0.08		0.08		—
J-QC/FFB/FFDRPC	0.1274		0.06	J-QC/FFB/FLDRPO	0.04	J-R/LLS	—
J-QC/FFB	0.4396		0.11	J-QC/FMS	0.10		—
	0.2604		0.11	J-QC/FFB	0.08		—
	0.3755		0.09		0.08		—
J-QC/FFB	0.1877		0.08		0.09		—
J-QC/FFB	0.3936		0.10	J-QC/FMS	0.10		—
J-QC/FFB	0.6213		0.12	J-QC/FLD/RPO	0.12		—
J-QC/FFB	0.3042		0.14		0.11		—
J-QC/FFB	0.2879		0.11	J-QC/FMS	0.10	J-QC/FFB	—
J-QC/FFB	0.3368	J-QC	0.14	-QC/FFB/FLDRPOFM	0.11		—
J-HT/EHT	0.3347		0.15	J-QC/FFB	0.12		—
J-QC/FFB	0.3174		0.15		0.14	J-QC/FMS	—
J-QC/FFB	0.3016		0.14		0.10		—
	0.4135		0.11	J-QC	0.12		—
J-QC/FFB	0.3127	J-HT	0.16		0.11	J-QC/FFB	—
	0.3841		0.14		0.13		—
J-QC/FFB	0.3158		0.15	J-QC/FMS	0.15		—
	0.3913		0.18	J-QC/FFB/FMS	0.15		—
	0.3796	J-QC	0.19		0.16		—
J-QC/FFB	0.4009		0.19		0.15		—
J-QC/FFB	0.5187	J-QC	0.19		0.16		—
	0.5247		0.21	J-QC/FFB	0.14		—
J-QC/FFB	0.6234		0.17		0.13	J-QC	—

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
2.0	0.00	0.01
3.2	0.00	0.11
[redacted]		
5.6	0.00	0.00
9.3	0.00	0.00
1.0	0.00	0.05
5.2	0.01	0.10
5.6	0.00	0.10
8.2	0.27	0.53
2.6	0.00	0.00
<0.5	0.00	0.31
<0.5	0.00	0.00
10.8	0.00	0.00
3.0	0.00	0.57
8.0	0.00	0.00
<0.5	0.09	0.94
3.3	0.00	0.02
1.0	0.39	0.39
10.4	0.00	0.00
4.8	0.00	0.00
4.6	0.00	0.10
6.0	0.00	0.00
3.7	0.00	0.00
0.5	0.53	2.80
<0.5	0.04	0.04
7.3	0.00	0.00
5.4	0.00	0.00
4.4	0.01	0.03
4.9	0.03	0.44
4.6	0.00	0.00
[redacted]		
1.9	0.00	0.01
<0.5	0.01	0.14
0.8	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.05	0.05
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.66	0.66
3.1	0.46	0.50
6.7	0.95	1.78
1.9	0.00	0.04
2.3	0.00	0.00

1.7	0.00	0.00	[redacted]
3.5	0.00	0.00	
3.1	0.00	0.00	
0.9	0.00	0.00	
1.8	0.00	0.00	
2.2	0.00	0.00	
2.0	0.00	0.12	
6.6	0.00	0.00	
2.5	0.03	0.03	
4.4	0.00	0.00	
6.1	0.00	0.00	
[redacted]			
5.8	0.04	0.04	
7.3	0.00	0.11	
2.7	0.00	0.00	
3.8	0.00	0.00	
3.4	0.00	0.00	
—	0.22	0.22	
1.7	0.00	0.00	
1.7	0.00	0.00	
1.3	0.12	0.13	
—	0.00	0.00	
—	0.00	0.00	
6.5	0.00	0.00	
—	0.00	0.00	
5.1	0.00	0.00	
4.9	0.57	1.19	
—	0.02	0.37	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.01	
1.9	0.01	1.12	
1.3	0.04	0.23	
1.2	0.20	0.20	
[redacted]			
1.5	0.00	0.00	
0.7	0.00	0.00	
2.2	0.24	0.26	
<0.5	0.00	0.06	
1.8	0.00	0.25	
1.0	0.01	0.18	
<0.5	0.00	0.32	
0.7	0.66	0.66	
3.6	0.00	1.48	
1.5	0.00	0.00	
1.6	1.09	1.14	
4.9	0.00	0.00	
4.4	0.00	0.00	
5.0	0.01	1.37	

1.7		0.01	0.01
4.0		0.00	0.00
2.9		0.00	0.00
3.7		0.00	0.00
3.2		0.00	0.00
3.8		0.12	0.98
7.3		0.28	0.28
4.3		0.00	0.00
5.3		0.00	0.03
4.8		0.00	0.00
4.6		0.18	0.18
2.9		0.00	0.00
2.5		0.00	0.00
2.9		0.00	0.00
2.3		0.00	0.00
8.0		0.00	0.00
2.5		0.01	0.01
22.4		0.65	0.65
3.5		0.00	0.12
4.2		0.00	1.25
4.1		0.00	0.00
5.4	J-QC/FFB	0.00	0.00
3.9		0.32	0.32
4.0		0.34	0.88
5.7		0.00	0.00
6.6		0.43	0.68
9.6	J-QC/FFD/RPO	2.01	2.01
—	NAPEFAI/EQF	0.00	0.00
4.2	J-QC/FFB	0.00	0.08
4.2		0.00	0.00
4.3	J-QC/FFB	1.44	1.44
4.2		3.33	3.33
2.6	J-QC/FFB/FSL	0.00	0.00
5.1		0.04	0.04
4.4		0.00	1.13
4.3	J-QC/FFB	0.00	0.01
5.0	J-QC/FFB	0.00	0.00
4.2	J-QC/FFB	0.00	0.00
4.0	J-QC/FFB	0.00	0.00
3.7	J-QC/FFB	0.04	0.04
3.5	J-QC/FFB	0.00	0.17
3.5	J-QC/FFB	0.00	0.00
3.3	J-QC/FFB	0.00	0.00
5.20	J-QC/FFB/FFDRPO	0.00	0.00
3.69		0.00	0.00
3.49		0.00	0.00
3.50	J-QC/FFB	1.43	1.43

3.86		0.00	0.00
3.38	J-QC/FFB	0.00	0.00
3.65	J-QC/FFB	0.02	1.13
3.69	J-QC/FFB	0.00	0.00
3.83	J-QC/FFB	0.00	0.43
3.30	J-QC/FFD/RPO	0.00	0.00
3.10	J-QC/FFB	1.09	1.09
3.16		0.00	0.00
3.60	J-QC/FFB	0.00	0.00
3.50	J-QC/FFB	0.01	0.01
3.40	BJ-QC/FBK/FFB	0.00	0.00
3.60	J-QC/FFB	0.00	0.00
3.90	J-QC/FFB	0.71	0.73
3.30	J-QC/FFB	0.00	0.00
3.10	J-QC/FFB	0.00	0.00
2.90	J-QC/FFB	0.09	0.09
2.80	J-QC/FFB	0.16	1.21
3.40		0.27	0.28
3.80		0.50	0.50
4.50		0.00	0.00
[redacted]			
3.9		0.00	0.00
3.9	J-QC/FFB	0.10	0.10
4.8		0.00	0.00
2.6	J-QC/FFB	0.67	0.71
3.3	BJ-QC/FBK/FFB	0.57	0.57
2.4	J-QC/FFB	0.00	0.00
2.6	J-QC/FFD/RPO	2.39	3.03
3.1	BJ-QC/FBK/FFDRPO	0.03	0.03
2.6	J-QC/FFB	0.00	0.00
2.7		0.12	0.12
2.6	J-QC/FFB	0.08	0.08
2.6	J-QC/FFB/FFDRPO	0.00	0.00
2.8	J-QC/FFB	0.00	0.00
3.6	J-QC/FFB	0.00	0.00
3.3	J-QC/FFB	0.00	0.00
2.9	J-QC/FFB	0.69	0.69
3.9	J-QC/FFB	0.00	0.00
3.3	J-QC/FFB	0.00	0.70
5.3	J-QC/FFB	0.00	0.00
3.9	J-QC/FFB	0.00	0.00
6.1	BJ-QC/FBK/FFB	0.07	0.07
2.8		0.00	0.00
2.9		0.00	0.00
4.4		0.00	0.00
[redacted]			
3.0		1.48	1.62
2.7	J-QC/FFB	0.01	0.03
3.5	BJ-QC/FBK/FFB	0.00	0.00
1.4	J-QC/FFB	0.30	2.82

2.0	J-QC/FFB	0.91	1.11
2.1	J-QC/FFB	0.03	0.03
1.9	J-QC/FFB	0.18	0.91
2.2	J-QC/FFB	1.94	1.94
2.2	J-QC/FFB	1.36	1.37
2.0	BJ-QC/FBK/FFB	1.12	1.12
2.2		0.00	0.00
2.3	J-QC/FFB/FFDRPO	0.00	0.00
2.3	BJ-QC/FBK/FFBFLDRPO	0.00	0.02
3.7	J-QC/FFB	0.39	0.39
3.3		0.00	0.23
2.3	J-QC/FFB	0.00	0.29
4.1	J-QC/FFD/RPO	0.00	0.00
1.4		0.00	0.11
1.7		0.00	0.00
1.6		1.00	1.00
1.8		0.00	0.00
3.7	J-QC/FFB	0.00	0.35
3.6	BJ-QC/FBK/FFB	0.00	0.46
2.2	J-QC/FFB/FFDRPO	0.02	0.05
[redacted]			
2.60	J-QC/FFB	0.54	0.54
3.81	BJ-QC/FBK/FFB	0.02	0.02
2.71	J-QC/FFB	0.00	0.68
2.2	J-QC	0.00	0.00
2.1	J-QC/FFD/RPO	0.00	0.00
2.3	J-QC	1.46	2.61
2.9	J-QC/FFB/FFDRPOFMS	0.00	0.00
3.7	J-QC	0.00	0.00
5.1	J-QC	0.00	0.00
2.4		3.71	3.89
6.0	J-QC	0.00	0.00
4.2	B/FBK	0.02	1.47
3.9	J-QC/FLD/RPO	0.00	0.00
2.9		0.00	0.00
4.2	J-QC/FFB/FFDRPO	0.00	0.57
3.0	J-QC/FFB	0.88	0.88
2.9	J-QC	0.00	0.00
4.2	J-QC	1.01	1.41
6.0	J-QC/FSL	0.49	0.49
3.1		0.85	0.86
1.9		0.00	0.00
1.5	J-QC	0.04	0.04
1.4	J-QC/FLD/RPOFSL	0.00	0.48
3.88	J-QC	0.00	0.00
4.69	J-QC/FFD/RPOFSL	0.00	0.19
3.38	J-QC/FFD/RPO	0.00	0.00
[redacted]			
2.0	J-QC/FMS	0.00	0.14
1.4	J-QC/FFB/FMS	0.00	0.95

4.1	J-QC/FFB	0.00	0.00
1.5		0.67	0.78
4.2	B/FBK	1.02	1.06
3.5	B/FBK	0.00	0.00
4.0		0.00	0.00
2.4	J-QC/FMS	0.78	0.78
3.0	J-QC/FMS	0.03	0.03
4.1	J-QC/FLD/RPO	0.00	0.00
3.8	J-QC/FFB	0.20	0.22
2.3	J-QC/FMS	1.20	1.20
0.2	J-R/LLS	0.00	0.00
0.3	J-R/LLS	0.73	1.48
1.2	J-QC/FMS	0.28	0.36
1.2		0.00	0.07
1.8	3J-QC/FBK/FFBFLDRPOFMS	0.09	0.09
1.5		0.00	0.00
3.3		0.00	0.00
2.1	J-QC/FFD/RPO	0.00	0.00
4.6		0.00	0.00
2.6	J-QC/FFB/FFDRPO	0.00	0.00
2.6		0.00	0.00
2.2	J-QC/FFD/RPO	0.01	0.01
2.5	J-QC/FLD/RPO	1.86	1.88
2.6		0.08	0.18

[redacted]

[redacted]

Station #20 Elizabeth River	Time	pH	Temp (^{0}C)	DO (mg/L)
2004				
February 10, 2004	13:00	7.51	4.5	—
March 4, 2004	13:15	6.93	10.0	11.05
March 18, 2004	13:00	6.53	8.1	3.01
April 13, 2004	12:30	7.12	8.7	8.09
April 27, 2004	12:35	6.80	16.2	6.82
May 17, 2004	12:40	7.15	20.0	4.44
June 10, 2004	12:55	7.07	22.2	6.89
June 24, 2004	12:45	7.98	21.6	8.56
July 1, 2004	12:45	7.88	22.6	7.75
July 15, 2004	12:45	6.77	22.6	2.88
August 11, 2004	12:45	7.41	25.8	5.80
August 26, 2004	12:35	7.00	24.0	3.10
September 22, 2004	12:40	7.15	22.8	3.00
September 29, 2004	12:30	6.39	10.1	5.20
October 5, 2004	12:35	7.45	19.0	4.10
October 21, 2004	12:50	7.38	13.8	6.7
November 16, 2004	12:40	7.28	10.6	5.2
November 30, 2004	12:35	6.71	10.1	4.7
December 8, 2004	12:30	6.67	11.6	4.7
December 21, 2004	12:35	6.90	4.1	5.6
2005				
January 12, 2005	12:45	6.11	7.1	5.4
February 9, 2005	12:40	7.11	2.8	5.4
February 23, 2005	12:35	6.87	4.0	6.6
March 2, 2005	12:40	7.47	5.3	14.0
March 16, 2005	12:40	7.71	4.1	7.0
April 6, 2005	13:05	6.98	15.2	4.8
April 19, 2005	12:35	8.22	16.0	6.5
May 2, 2005	13:00	6.99	14.2	3.9
May 16, 2005	07:25	7.73	17.2	6.7
June 1, 2005	12:40	7.14	18.5	4.7
June 21, 2005	12:40	7.15	23.9	2.8
July 5, 2005	12:40	7.12	25.8	2.8
July 19, 2005	12:45	6.92	26.5	2.5
August 17, 2005	12:40	2.06	25.9	1.8
August 29, 2005	13:00	6.73	25.9	5.6
September 14, 2005	—	—	—	—
September 29, 2005	—	—	—	—
October 18, 2005	12:45	7.32	16.8	6.8
November 9, 2005	12:55	7.47	14.8	6.8
November 29, 2005	12:40	7.42	12.2	7.4
December 13, 2005	12:50	7.32	5.7	8.8
December 28, 2005	12:40	6.91	8.9	4.8
2006				
January 10, 2006	12:40	7.40	7.9	6.0
January 24, 2006	12:45	7.04	6.6	6.4

February 7, 2006	12:45	7.35	7.0	7.6
February 21, 2006	12:45	7.59	6.1	—
March 7, 2006	12:40	7.74	6.7	—
March 21, 2006	12:45	7.88	7.2	11.5
April 6, 2006	12:45	7.95	6.8	9.1
April 20, 2006	13:00	7.98	12.6	9.8
May 3, 2006	13:00	7.46	17.1	8.6
May 17, 2006	13:00	7.02	17.2	5.7
June 8, 2006	13:45	7.13	17.7	5.0
June 21, 2006	13:00	8.06	22.7	12.2
July 13, 2006	12:45	7.13	21.6	5.4
July 27, 2006	12:45	7.59	25.2	5.8
August 2, 2006	12:45	—	25.8	7.8
August 16, 2006	12:45	7.57	24.4	5.5
September 13, 2006	12:45	7.51	21.1	5.7
September 27, 2006	12:45	7.67	20.6	6.5
October 11, 2006	12:45	7.58	18.5	6.4
October 24, 2006	12:45	7.56	14.3	7.1
November 2, 2006	12:45	7.52	13.8	6.6
November 16, 2006	12:45	7.22	14.3	5.4
December 6, 2006	12:45	7.66	8.5	8.7
December 20, 2006	12:45	7.42	8.2	8.9
2007				
January 11, 2007	13:00	7.48	6.4	10.2
January 25, 2007	12:45	7.82	4.9	11.4
February 28, 2007	12:45	7.78	5.4	10.7
March 14, 2007	12:45	7.64	5.7	12.7
March 28, 2007	—	—	—	—
April 11, 2007	12:45	8.04	7.4	12.2
April 25, 2007	12:40	7.26	16.7	9.2
May 3, 2007	12:45	7.30	14.4	8.1
May 17, 2007	—	6.53	19.5	2.59
June 14, 2007	12:45	7.18	20.1	2.82
June 28, 2007	12:45	6.75	25.9	0.29
July 18, 2007	12:45	7.52	23.6	4.82
July 24, 2007	12:45	7.35	22.3	3.71
August 13, 2007	12:45	7.18	25.1	3.23
August 21, 2007	12:45	7.06	18.0	6.48
September 11, 2007	12:45	7.13	24.0	6.04
September 26, 2007	12:45	7.24	22.3	2.99
October 10, 2007	12:45	7.21	20.6	3.59
October 22, 2007	12:45	6.00	19.1	1.10
November 8, 2007	12:45	7.21	12.6	4.31
November 20, 2007	12:45	7.28	9.5	7.27
December 4, 2007	12:45	7.45	5.4	9.43
December 19, 2007	12:45	7.27	5.0	9.55
2008				
January 30, 2008	12:45	7.13	6.0	10.25
February 7, 2008	12:45	7.48	7.2	10.40
March 13, 2008	12:45	7.37	5.2	11.84

April 14, 2008		—	5.50		12.2	5.80
May 21, 2008		12:50	6.60		11.5	6.83
May 28, 2008		12:50	7.25		17.5	6.46
June 10, 2008		—	7.44		25.2	6.05
June 23, 2008		10:30	7.44		22.3	5.00
July 7, 2008		12:35	7.48		21.5	4.08
July 21, 2008		12:55	7.58		26.7	6.20
August 11, 2008		12:50	6.83		18.2	7.38
August 25, 2008		11:00	7.66		24.0	6.30
September 15, 2008		12:45	7.33		23.5	3.61
September 23, 2008		12:50	7.15		20.4	6.95
October 7, 2008		13:00	—		18.4	5.39
November 20, 2008		—	—		—	—
December 4, 2008		—	—		—	—
2009						
January 29, 2009	A	12:45	6.96		5.1	6.31
January 29, 2009	B	12:45	—		—	—
February 5, 2009	A	13:05	6.38		0.9	8.97
February 5, 2009	B	13:05	—		—	—
March 5, 2009	A	12:55	6.51		5.7	8.49
March 5, 2009	B	12:55	—		—	—
April 14, 2009	A	11:00	—		—	—
April 14, 2009	B	11:00	—		—	—
May 7, 2009	A	12:45	7.00		16.9	7.90
May 7, 2009	B	12:45	—		—	—
May 21, 2009	A	12:45	6.95		19.4	6.98
May 21, 2009	B	12:45	—		—	—
June 11, 2009	A	11:00	—		—	—
June 11, 2009	B	11:00	—		—	—
June 18, 2009	A	11:00	6.88		18.8	6.43
June 18, 2009	B	11:00	—		—	—
July 16, 2009	A	11:00	7.76		23.7	4.97
July 16, 2009	B	11:00	—		—	—
July 23, 2009	A	11:00	7.17		25.0	4.08
July 23, 2009	B	11:00	—		—	—
August 6, 2009	A	10:30	—	NAP	23.3	4.23
August 6, 2009	B	10:30	—		—	—
August 20, 2009	A	10:45	—	NAP	25.0	5.09
August 20, 2009	B	10:45	—		—	—
September 17, 2009	A	10:20	—	NAP	20.8	5.40
September 17, 2009	B	10:20	—		—	—
September 29, 2009	A	10:35	—	NAP	18.5	4.85
September 29, 2009	B	10:35	—		—	—
October 15, 2009	A	11:00	—	NAP	12.6	5.56
October 15, 2009	B	11:00	—		—	—
November 16, 2009	A	10:00	7.45		19.2	5.66
November 16, 2009	B	10:00	—		—	—
December 15, 2009	A	10:53	7.92		6.6	10.2
December 15, 2009	B	10:53	—		—	—
2010						

January 6, 2010	A	10:30	—	NAP	1.8		9.84
January 6, 2010	B	10:30	—	NA	—	NA	—
March 11, 2010	A	10:30	7.22		20.2		—
March 11, 2010	B	10:30	—	NA	—	NA	—
April 6, 2010	A	10:30	7.47		15.7		9.80
April 6, 2010	B	10:30	—	NA	—	NA	—
May 6, 2010	A	10:30	7.42		18.2		4.58
May 6, 2010	B	10:30	—	NA	—	NA	—
June 17, 2010	A	10:30	7.37		20.5		5.52
June 17, 2010	B	10:30	—	NA	—	NA	—
June 30, 2010	A	10:25	7.59		24.4		6.92
June 30, 2010	B	10:25	—	NA	—	NA	—
July 15, 2010	A	10:35	7.38		24.5		6.40
July 15, 2010	B	10:35	—	NA	—	NA	—
July 29, 2010	A	10:35	7.45		25.8		5.46
July 29, 2010	B	10:35	—	NA	—	NA	—
August 12, 2010	A	10:10	7.32		24.7		4.93
August 12, 2010	B	10:10	—	NA	—	NA	—
August 26, 2010	A	10:20	7.28		23.7		6.79
August 26, 2010	B	10:20	—	NA	—	NA	—
September 16, 2010	A	10:30	7.19		19.1		5.75
September 16, 2010	B	10:30	—	NA	—	NA	—
September 30, 2010	A	10:20	7.17		15.6		6.95
September 30, 2010	B	10:20	—	NA	—	NA	—
October 7, 2010	A	10:25	7.19		17.5		5.12
October 7, 2010	B	10:25	—	NA	—	NA	—
November 17, 2010	A	10:20	6.55		17.4		7.37
November 17, 2010	B	10:20	—	NA	—	NA	—
December 9, 2010	A	10:30	6.03		5.2		8.90
December 9, 2010	B	10:30	—	NA	—	NA	—
2011							
January 5, 2011	A	10:00	—		2.7		13.6
January 5, 2011	B	10:00	—	NA	—	NA	—
February 7, 2011	A	10:20	7.68		2.1		9.39
February 7, 2011	B	10:20	—	NA	—	NA	—
March 9, 2011	A	10:20	—		5.9		9.55
March 9, 2011	B	10:20	—	NA	—	NA	—
April 13, 2011	A	10:20	—		8.6		11.8
April 13, 2011	B	10:20	—	NA	—	NA	—
May 4, 2011	A	10:20	7.53		14.1		5.6
May 4, 2011	B	10:20	—	NA	—	NA	—
May 18, 2011	A	10:20	6.05		14.7		8.6
May 18, 2011	B	10:20	—	NA	—	NA	—
June 8, 2011	A	—	—	A	—	A	—
June 8, 2011	B	—	—	NA	—	NA	—
June 22, 2011	A	—	—	A	—	A	—
June 22, 2011	B	—	—	NA	—	NA	—
July 13, 2011	A	10:20	7.97		26.0		12.6
July 13, 2011	B	10:20	—	NA	—	NA	—
July 18, 2011	A	10:00	—		24.9		4.75

July 18, 2011	B	10:00	—	NA	—	NA	—
August 10, 2011	A	10:20	—		20.1		3.41
August 10, 2011	B	10:20	—	NA	—	NA	—
August 24, 2011	A	10:23	—		24.00		4.22
August 24, 2011	B	10:23	—	NA	—	NA	—
September 14, 2011	A	10:20	—		26.8		8.02
September 14, 2011	B	10:20	—	NA	—	NA	—
September 21, 2011	A	10:22	—		19.3		3.59
September 21, 2011	B	10:22	—	NA	—	NA	—
October 25, 2011	A	10:20	—		15.1		3.66
October 25, 2011	B	10:20	—	NA	—	NA	—
November 15, 2011	A	10:00	—		12.2		8.24
November 15, 2011	B	10:00	—	NA	—	NA	—
December 7, 2011	A	10:20	—		16.8		7.81
December 7, 2011	B	10:20	—	NA	—	NA	—
2012							
January 10, 2012	A	10:30	—	A	6.2		10.6
January 10, 2012	B	10:30	—	NA	—	NA	—
February 7, 2012	A	10:12	—	A	6.1		11.0
February 7, 2012	B	10:12	—	NA	—	NA	—
March 6, 2012	A	10:30	—	A	6.2		9.9
March 6, 2012	B	10:30	—	NA	—	NA	—
April 17, 2012	A	10:30	—	A	16.9		6.86
April 17, 2012	B	10:30	—	NA	—	NA	—
May 9, 2012	A	10:25	—	A	14.5		7.40
May 9, 2012	B	10:25	—	NA	—	NA	—
May 23, 2012	A	10:25	—	A	22.0		4.41
May 23, 2012	B	10:25	—	NA	—	NA	—
June 13, 2012	A	10:30	—	A	17.0		5.79
June 13, 2012	B	10:30	—	NA	—	NA	—
June 27, 2012	A	10:20	7.26		21.7		2.16
June 27, 2012	B	10:20	—	NA	—	NA	—
July 2, 2012	A	10:30	7.38		24.4		5.74
July 2, 2012	B	10:30	—	NA	—	NA	—
July 18, 2012	A	10:30	—	A	23.7		4.88
July 18, 2012	B	10:30	—	NA	—	NA	—
August 1, 2012	A	10:25	7.28		24.1		5.75
August 1, 2012	B	10:25	—	NA	—	NA	—
August 15, 2012	A	10:30	7.30		26.2		4.76
August 15, 2012	B	10:30	—	NA	—	NA	—
September 12, 2012	A	10:45	7.28		24.5		4.13
September 12, 2012	B	10:45	—	NA	—	NA	—
September 26, 2012	A	10:30	7.10		20.0		4.54
September 26, 2012	B	10:30	—	NA	—	NA	—
October 17, 2012	A	10:22	7.50		16.8		7.10
October 17, 2012	B	10:22	—	NA	—	NA	—
November 27, 2012	A	10:30	—	NA	—	NA	—
November 27, 2012	B	10:30	—	NA	—	NA	—
December 5, 2012	A	10:15	7.54		10.1		8.73
December 5, 2012	B	10:15	—	NA	—	NA	—

2013							
January 9, 2013	A	10:50	7.35		7.5		9.45
January 9, 2013	B	10:50	—	NA	—	NA	—
February 6, 2013	A	10:40	7.21		3.4		10.38
February 6, 2013	B	10:40	—	NA	—	NA	—
March 12, 2013	A	11:18	5.66		7.4		10.18
March 12, 2013	B	11:18	—	NA	—	NA	—
April 3, 2013	A	11:07	7.48		9.1		10.50
April 3, 2013	B	11:07	—	NA	—	NA	—
May 1, 2013	A	10:55	—	A	12.8		7.58
May 1, 2013	B	10:55	—	NA	—	NA	—
May 14, 2013	A	11:00	7.31		15.3		5.85
May 14, 2013	B	11:00	—	NA	—	NA	—
June 5, 2013	A	10:45	—	A	—	A	—
June 5, 2013	B	10:45	—	NA	—	NA	—
June 19, 2013	A	10:59	6.97		21.7		3.50
June 19, 2013	B	10:59	—	NA	—	NA	—
July 10, 2013	A	11:00	7.37		24.9		4.83
July 10, 2013	B	11:00	—	NA	—	NA	—
July 24, 2013	A	11:00	7.47		25.9		4.86
July 24, 2013	B	11:00	—	NA	—	NA	—
August 7, 2013	A	10:10	7.47		—	A	6.78
August 7, 2013	B	10:10	—	NA	—	NA	—
August 21, 2013	A	10:45	7.26		24.1		8.27
August 21, 2013	B	10:45	—	NA	—	NA	—
September 11, 2013	A	11:30	7.51		22.7		6.00
September 11, 2013	B	11:30	—	NA	—	NA	—
September 26, 2013	A	11:00	—	A	18.2		4.40
September 26, 2013	B	11:00	—	NA	—	NA	—
October 3, 2013	A	11:00	7.68		20.2		6.01
October 3, 2013	B	11:00	—	NA	—	NA	—
November 21, 2013	A	10:55	—	A	8.1		8.61
November 21, 2013	B	10:55	—	NA	—	NA	—
December 5, 2013	A	11:00	—	A	—	A	—
December 5, 2013	B	11:00	—	NA	—	NA	—
2014							
January 9, 2014	A	11:25	—	NAPEFAI/EQF	0.6		11.04
January 9, 2014	B	11:25	—	NA	—	NA	—
March 6, 2014	A	10:18	—	NAPEFAI/EQF	1.4		10.82
March 6, 2014	B	10:18	—	NA	—	NA	—
April 10, 2014	A	10:05	—	NAPEFAI/EQF	9.8		9.46
April 10, 2014	B	10:05	—	NA	—	NA	—
May 8, 2014	A	10:00	—	NAPEFAI/EQF	14.6		6.85
May 8, 2014	B	10:00	—	NA	—	NA	—
May 22, 2014	A	10:45	5.50		17.3		4.10
May 22, 2014	B	10:45	—	NA	—	NA	—
June 5, 2014	A	10:00	7.46		18.8		5.94
June 5, 2014	B	10:00	—	NA	—	NA	—
June 19, 2014	A	10:25	—	NAPEFAI/EQF	20.4		5.19
June 19, 2014	B	10:25	—	NA	—	NA	—

July 2, 2014	A	10:05	—	NAPEFAI/EQF	24.1		6.32
July 2, 2014	B	10:05	—	NA	—	NA	—
July 16, 2014	A	10:58	—	NAPEFAI/EQF	21.7		5.16
July 16, 2014	B	10:58	—	NA	—	NA	—
August 6, 2014	A	10:25	—	NAPEFAI/EQF	24.7		3.31
August 6, 2014	B	10:25	—	NA	—	NA	—
August 27, 2014	A	10:30	7.38		23.7		6.15
August 27, 2014	B	10:30	—	NA	—	NA	—
September 17, 2014	A	10:00	7.02		20.0		3.20
September 17, 2014	B	10:00	—	NA	—	NA	—
October 7, 2014	A	10:23	7.04		18.7		4.98
October 7, 2014	B	10:23	—	NA	—	NA	—
November 20, 2014	A	10:40	6.34		7.7		8.60
November 20, 2014	B	10:40	—	NA	—	NA	—
December 4, 2014	A	10:30	6.98		7.4		7.52
December 4, 2014	B	10:30	—	NA	—	NA	—

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	–	–	–	22
	–	–	–	21
	–	–	–	28
	–	–	–	23
	–	–	–	12
	–	–	–	12
	–	–	–	16
	–	–	–	12
	–	–	–	16
	–	–	–	–
	–	–	–	18
	–	–	–	13
	–	–	–	22
	–	–	–	10
	–	–	–	6
	–	–	–	9
	–	–	–	10
	–	–	–	10
	–	–	–	13
	–	–	–	15
[redacted]				
	–	–	–	18
	–	–	–	17
	–	–	–	10
	–	–	–	16
	–	–	–	12
	–	–	–	8
	–	–	–	10
	–	–	–	8
	–	–	–	11
	–	–	–	17
	–	–	–	13
	–	–	–	16
	–	–	–	70
	–	–	–	13
	–	–	–	37
	–	–	–	16
	–	–	–	18
	–	–	–	6
	–	–	–	8
	–	–	–	–
	–	–	–	15
	–	–	–	7
[redacted]				
	–	–	–	5
	–	–	–	5

–	–	–	14
–	–	–	16
–	–	–	16
–	–	–	16
–	–	–	20
–	–	–	20
–	–	–	36
–	–	–	12
–	–	–	7
–	–	–	27
–	–	–	16
–	–	–	46
–	–	–	26
–	–	–	23
–	–	–	18
–	–	–	16
–	–	–	3
–	–	–	13
–	–	–	8
–	–	–	8
–	–	–	16
–	–	–	44
[redacted]			
–	–	–	22
–	–	–	18
–	–	–	20
–	–	–	16
–	–	–	9
–	–	–	22
–	–	–	9
–	–	–	10
–	–	–	14
–	–	–	24
–	–	–	17
–	–	–	18
–	–	–	25
–	–	–	16
–	–	–	21
–	–	–	22
–	–	–	21
–	–	–	28
–	–	–	20
–	–	–	21
–	–	–	36
–	–	–	14
–	–	–	40
[redacted]			
–	–	–	23
–	–	–	23
–	–	–	16

—	—	—	18	
—	—	—	15	
—	—	—	61	
—	—	—	24	
—	—	—	14	
—	—	—	60	
—	—	—	21	
—	—	—	418	
—	—	—	24	
—	—	—	12	
—	—	—	20	
—	—	—	12	
—	—	—	16	
—	—	—	12	
[redacted]				
—	—	—	385	J-QC/FFD/FLDRPO
—	—	—	43	J-QC/FFD/FLDRPO
—	—	—	19	
—	—	—	14	
—	—	—	20	J-QC/FLD/RPO
—	—	—	15	J-QC/FLD/RPO
—	—	—	12	
—	—	—	14	
—	—	—	66	J-QC/FFD/RPO
—	—	—	118	J-QC/FFD/RPO
—	—	—	358	J-QC/FFD/RPO
—	—	—	211	J-QC/FFD/RPO
—	—	—	23	
—	—	—	20	
—	—	—	231	
—	—	—	287	
—	—	—	14	
—	—	—	18	
—	—	—	15	
—	—	—	12	
—	—	—	24	J-QC/FFD/RPO
—	—	—	40	J-QC/FFD/RPO
—	—	—	66	
—	—	—	52	
—	—	—	44	
—	—	—	54	
—	—	—	64	J-QC/FFD/RPO
—	—	—	41	J-QC/FFD/RPO
—	—	—	84	J-QC/FFD/RPO
—	—	—	164	J-QC/FFD/RPO
—	—	—	92	J-QC/FLD/RPO
—	—	—	112	J-QC/FLD/RPO
—	—	—	6	J-QC/FFD/RPO
—	—	—	4	J-QC/FFD/RPO
[redacted]				

	—	NA	—	NA	—	NA	48	
NA	—	NA	—	NA	—	NA	54	
NAPEFAI/EQF	—	NA	—	NA	—	NA	28	J-QC/FFB
NA	—	NA	—	NA	—	NA	36	J-QC/FFB
	—	NA	—	NA	—	NA	39	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	42	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	12	J-QC/FFB/FLDRPO
NA	—	NA	—	NA	—	NA	14	J-QC/FFB/FLDRPO
	—	NA	—	NA	—	NA	30	
NA	—	NA	—	NA	—	NA	33	
	—	NA	—	NA	—	NA	40	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	18	J-QC/FFD/RPO
	—	NA	—	NA	—	NA	21	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	22	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	40	
NA	—	NA	—	NA	—	NA	42	
	—	NA	—	NA	—	NA	62	
NA	—	NA	—	NA	—	NA	56	
	—	NA	—	NA	—	NA	14	
NA	—	NA	—	NA	—	NA	12	
	—	NA	—	NA	—	NA	17	
NA	—	NA	—	NA	—	NA	14	
	—	NA	—	NA	—	NA	60	
NA	—	NA	—	NA	—	NA	58	
	—	NA	—	NA	—	NA	16	
NA	—	NA	—	NA	—	NA	14	
	—	NA	—	NA	—	NA	24	
NA	—	NA	—	NA	—	NA	26	
	—	NA	—	NA	—	NA	12	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	54	J-QC/FFD/RPO
[redacted]								
	—	NA	—	NA	—	NA	78	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	29	J-QC/FFD/FLDRPO
	—	NA	—	NA	—	NA	14	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	13	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	30	
NA	—	NA	—	NA	—	NA	23	
	—	NA	—	NA	—	NA	30	
NA	—	NA	—	NA	—	NA	28	
	—	NA	—	NA	—	NA	24	
NA	—	NA	—	NA	—	NA	21	
	—	NA	—	NA	—	NA	37	
NA	—	NA	—	NA	—	NA	38	
A	—	NA	—	NA	—	NA	54	
NA	—	NA	—	NA	—	NA	52	
A	—	NA	—	NA	—	NA	34	
NA	—	NA	—	NA	—	NA	32	
	—	NA	—	NA	—	NA	21	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	57	J-QC/FFD/RPO
	—	NA	—	NA	—	NA	19	J-QC/FFD/RPO

NA	—	NA	—	NA	—	NA	12	J-QC/FFD/RPO
	—	NA	—	NA	—	NA	18	
NA	—	NA	—	NA	—	NA	18	
	—	NA	—	NA	—	NA	40	
NA	—	NA	—	NA	—	NA	38	
	—	NA	—	NA	—	NA	19	
NA	—	NA	—	NA	—	NA	16	
	—	NA	—	NA	—	NA	24	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	16	J-QC/FFD/RPO
	—	NA	—	NA	—	NA	38	
NA	—	NA	—	NA	—	NA	33	
	—	NA	—	NA	—	NA	44	
NA	—	NA	—	NA	—	NA	48	
	—	NA	—	NA	—	NA	36	
NA	—	NA	—	NA	—	NA	34	
[redacted]								
	—	NA	—	NA	—	NA	25	
NA	—	NA	—	NA	—	NA	33	
	—	NA	—	NA	—	NA	11	
NA	—	NA	—	NA	—	NA	10	
	—	NA	—	NA	—	NA	17	
NA	—	NA	—	NA	—	NA	18	
	—	NA	—	NA	—	NA	236	J/OUT
NA	—	NA	—	NA	—	NA	285	J/OUT
	—	NA	—	NA	—	NA	49	J-QC/FFB
NA	—	NA	—	NA	—	NA	56	J-QC/FFB
	—	NA	—	NA	—	NA	40	
NA	—	NA	—	NA	—	NA	42	
	—	NA	—	NA	—	NA	8	
NA	—	NA	—	NA	—	NA	6	
	—	NA	—	NA	—	NA	27	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	20	J-QC/FFD/FLDRPO
	—	NA	—	NA	—	NA	50	
NA	—	NA	—	NA	—	NA	47	
	—	NA	—	NA	—	NA	50	
NA	—	NA	—	NA	—	NA	44	
	—	NA	—	NA	—	NA	26	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	24	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	23	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	44	J-QC/FFD/RPO
	—	NA	—	NA	—	NA	14	
NA	—	NA	—	NA	—	NA	18	
	—	NA	—	NA	—	NA	16	
NA	—	NA	—	NA	—	NA	18	
	—	NA	—	NA	—	NA	54	
NA	—	NA	—	NA	—	NA	60	
NA	—	NA	—	NA	—	NA	44	
NA	—	NA	—	NA	—	NA	46	
	—	NA	—	NA	—	NA	40	
NA	—	NA	—	NA	—	NA	44	

	—	NA	—	NA	—	NA	40	
NA	—	NA	—	NA	—	NA	36	
	—	NA	—	NA	—	NA	38	
NA	—	NA	—	NA	—	NA	32	
	—	NA	—	NA	—	NA	12	
NA	—	NA	—	NA	—	NA	12	
	—	NA	—	NA	—	NA	43	
NA	—	NA	—	NA	—	NA	40	
	—	NA	—	NA	—	NA	19	J-QC
NA	—	NA	—	NA	—	NA	22	J-QC
	—	NA	—	NA	—	NA	48	
NA	—	NA	—	NA	—	NA	42	
A	—	NA	—	NA	—	NA	28	J-QC/FFB
NA	—	NA	—	NA	—	NA	26	J-QC/FFB
	—	NA	—	NA	—	NA	12	
NA	—	NA	—	NA	—	NA	12	
	—	NA	—	NA	—	NA	42	
NA	—	NA	—	NA	—	NA	40	
	—	NA	—	NA	—	NA	44	
NA	—	NA	—	NA	—	NA	47	
	—	NA	—	NA	—	NA	46	J-QC
NA	—	NA	—	NA	—	NA	46	J-QC
	—	NA	—	NA	—	NA	59	
NA	—	NA	—	NA	—	NA	59	
	—	NA	—	NA	—	NA	64	
NA	—	NA	—	NA	—	NA	62	
	—	NA	—	NA	—	NA	37	
NA	—	NA	—	NA	—	NA	36	
	—	NA	—	NA	—	NA	30	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	33	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	34	
NA	—	NA	—	NA	—	NA	36	
A	—	NA	—	NA	—	NA	10	J-QC
NA	—	NA	—	NA	—	NA	8	J-QC
	—	NA	—	NA	—	NA	43	J-QC
NA	—	NA	—	NA	—	NA	38	J-QC
	—	NA	—	NA	—	NA	42	J-QC
NA	—	NA	—	NA	—	NA	42	J-QC
	—	NA	—	NA	—	NA	36	
NA	—	NA	—	NA	—	NA	34	
	—	NA	—	NA	—	NA	11	
NA	—	NA	—	NA	—	NA	13	
	—	NA	—	NA	—	NA	26	
NA	—	NA	—	NA	—	NA	22	
	—	NA	—	NA	—	NA	21	
NA	—	NA	—	NA	—	NA	22	
	—	NA	—	NA	—	NA	43	
NA	—	NA	—	NA	—	NA	41	

	—	NA	—	NA	—	NA	50	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	36	J-QC/FFD/FLDRPO
	—	NA	—	NA	—	NA	27	
NA	—	NA	—	NA	—	NA	24	
	—	NA	—	NA	—	NA	63	J-QC/FFB/FFDRPO
NA	—	NA	—	NA	—	NA	42	J-QC/FFB/FFDRPO
	—	NA	—	NA	—	NA	37	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	38	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	35	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	25	J-QC/FFD/RPO
	—	NA	—	NA	—	NA	34	
NA	—	NA	—	NA	—	NA	36	
	—	NA	—	NA	—	NA	28	
NA	—	NA	—	NA	—	NA	31	
	—	NA	—	NA	—	NA	36	J-QC
NA	—	NA	—	NA	—	NA	32	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
0.95	3	0.26	0.033
0.31	10	<0.19	0.090
0.99	7	<0.19	0.067
1.20	5	0.30	0.030
0.79	4	0.33	0.032
1.82	2	0.28	0.058
0.80	2	0.41	0.078
2.88	5	<0.19	0.034
<1.00	5	<0.19	0.047
—	—	—	—
2.64	5	30.04	0.098
1.94	7	<0.19	0.063
0.97	<2	<0.19	0.084
1.46	3	0.23	0.026
1.03	<2	<0.19	0.064
<1.00	<2	<0.19	0.065
1.08	<2	<0.19	0.075
1.68	<2	0.20	0.048
2.18	<2	0.40	0.072
0.85	5	<0.19	0.051
1.34	4	<0.19	0.065
1.09	8	<0.19	0.050
0.99	6	<0.19	0.040
1.20	3	<0.19	0.033
1.22	<2	<0.19	0.056
<1.00	<2	<0.19	0.047
0.82	3	<0.19	0.042
0.95	4	<0.19	0.055
1.92	<2	<0.19	0.056
1.55	3	<0.27	0.077
1.46	<2	<0.27	0.072
1.57	<2	<0.27	0.061
2.10	5	<0.27	0.072
1.71	9	<0.27	0.021
4.03	—	<0.27	0.062
1.02	<2	<0.27	0.062
1.10	<2	<0.27	0.086
1.14	<2	<0.27	0.066
0.64	<2	<0.27	0.060
—	5	<0.27	0.050
1.08	—	<0.27	0.060
1.05	2	<0.27	0.040
1.04	3	<0.27	0.05
1.43	<2	0.34	0.036

1.32	3	<0.27	0.038
0.97	<2	<0.27	0.039
<1.00	<2	0.63	0.041
1.12	<2	<0.27	0.038
1.24	10	<0.27	0.087
2.10	3	<0.295	0.060
2.27	4	<0.295	0.072
1.70	—	<0.295	0.064
2.47	4	<0.295	0.072
1.60	8	<0.295	0.070
0.90	—	<0.295	0.038
1.67	—	<0.295	0.061
0.82	7	<0.295	0.044
1.93	—	0.40	0.056
0.81	<2	<0.295	—
1.24	—	<0.295	0.101
0.35	—	<0.295	0.103
<1.00	<2	<0.295	0.079
1.66	8	<0.295	0.195
1.11	<2	<0.295	0.072
1.20	<2	0.45	0.054
1.32	<2	<0.295	0.054
[redacted]			
0.73	—	<0.295	0.046
0.61	3	<0.295	0.037
1.11	—	<0.295	0.047
0.83	<2	<0.295	0.035
0.94	<2	0.153	0.040
0.59	<2	0.097	0.029
1.02	3	0.231	0.027
0.71	<2	0.199	0.026
1.40	<2	0.735	0.053
1.35	<2	0.333	0.076
—	8	0.278	0.066
1.92	<2	<0.039	0.063
1.10	—	<0.039	0.055
1.00	<2	0.068	0.014
2.06	<2	<0.039	0.051
1.53	3	<0.039	0.150
2.06	<2	<0.039	0.094
2.14	5	<0.039	0.098
2.54	4	<0.039	—
1.16	<2	0.304	0.088
0.80	3	<0.039	0.086
1.05	<2	0.280	0.052
0.99	<2	<0.039	0.049
[redacted]			
1.50	<2	0.185	0.037
1.41	<2	0.357	0.031
1.79	<2	0.353	0.019

0.95		<2		0.349		0.032
1.83		4		0.378		0.043
1.14		<2		0.408		0.059
<0.30		<2		0.347		0.074
<0.30		3		0.275		0.048
<0.30		<2		0.289		0.062
0.83		3		0.095		0.049
4.39		7		0.474		0.068
<0.30		<2		0.199		0.057
1.50		<2		0.465		0.063
0.30		<2		0.350		0.099
1.19		<2		0.493		0.097
<0.30		<2		0.520		0.063
0.94		<2		0.525		0.057
[redacted]						
4.67	BJ-QC/FBK/FFBFFDRPO	—	NAP	—	NAP	—
2.41	BJ-QC/FBK/FFBFFDRPO	—	NAP	—	NAP	—
0.37	BJ-QC/FBK/FFBFLS	<2	K	0.642	J-QC/FSL/FMS	0.050
0.41	BJ-QC/FBK/FFBFLS	<2	K	0.647	J-QC/FSL/FMS	0.053
0.43	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.479		0.042
0.42	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.464		0.024
1.27	BJ-QC/FBK/FFBFFDRPO	<2	K	0.391		0.039
2.06	BJ-QC/FBK/FFBFFDRPO	<2	K	0.418		0.037
5.54	BJ-QC/FBK/FFBFFDRPO	9	J-QC/FFD/RPO	0.835		0.048
2.99	BJ-QC/FBK/FFBFFDRPO	4	J-QC/FFD/RPO	0.877		0.042
2.07	BJ-QC/FBK/FFBFLS	<2	K	0.736	J-QC/FMS	0.064
2.03	BJ-QC/FBK/FFBFLS	<2	K	0.757	J-QC/FMS	0.066
0.61		<2	K	0.543		0.083
0.51		<2	K	0.564		0.078
2.02	J-QC/FLS	<2	KJ-QC/FLS	0.532		0.038
2.06	J-QC/FLS	<2	KJ-QC/FLS	0.532		0.033
1.03	BJ-QC/FBK/FFBFDRPOFLS	4	J-QC/FLS	0.244		0.039
0.72	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FLS	0.234		0.040
<0.30	K	<2	KJ-QC/FFD/RPOFLS	0.219		0.033
<0.30	K	3	J-QC/FFD/RPOFLS	0.224		0.038
1.07	J-QC/FLS	<2	KJ-QC/FLS	0.219		0.052
1.05	J-QC/FLS	<2	KJ-QC/FLS	0.209		0.056
0.46	BJ-QC/FBK/FFBFLS	<2	K	0.117		0.045
0.46	BJ-QC/FBK/FFBFLS	<2	K	0.107		0.042
1.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.018	K	0.058
1.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.018	K	0.060
<1.00	KJ-QC/FFD/RPOFLS	<2	KJ-QC/FFD/RPOFLS	0.331	J-QC/FMS	0.058
1.50	J-QC/FFD/RPOFLS	3	J-QC/FFD/RPOFLS	0.351	J-QC/FMS	0.057
0.32	BJ-QC/FBK/FFBFFDRPOFLS	—	NRP	0.326	J-HT/EHT	0.060
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	—	NRP	0.336	J-HT/EHT	0.011
0.62	BJ-QC/FBK/FFB	—	NRP	0.356		0.065
0.61	BJ-QC/FBK/FFB	—	NRP	0.340		0.066
1.87	BJ-QC/FBK/FFB	<2	K	0.168		0.030
1.75	BJ-QC/FBK/FFB	<2	K	0.157		0.029
[redacted]						

0.46	BJ-QC/FBK/FFBFLS	<2	K	0.269		0.030
0.44	BJ-QC/FBK/FFBFLS	<2	K	0.289		0.031
0.94	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	<0.0175	K	0.0313
1.21	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	<0.0175	K	0.0307
1.87	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.135		0.0456
1.85	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.150		0.0463
2.12	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0467
2.11	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0468
1.29	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	3		0.438		0.0520
1.92	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	3		0.418		0.0515
0.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.116		0.0500
0.52	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.096		0.0499
0.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.387		0.0458
0.50	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.402		0.0460
0.64	BJ-QC/FBK/FFBFFDRPO	<2	K	1.426		0.0545
<0.30	KBJ-QC/FBK/FFBFFDRPO	<2	K	1.399		0.0541
0.53	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.383		0.0589
0.56	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.367		0.0579
0.70	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.456		0.0692
0.86	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.451		0.0772
0.62	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.367		0.0373
1.12	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.388		0.0381
3.21	BJ-QC/FBK/FFBFLDRPOFLS	4		0.335		0.0321
2.98	BJ-QC/FBK/FFBFLDRPOFLS	4		0.314		0.0335
0.50	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.487		0.0798
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.466		0.0786
2.20	BJ-QC/FBK/FFBFLSEHT	9	J-QC/FLS	0.146		0.0315
1.99	BJ-QC/FBK/FFBFLSEHT	9	J-QC/FLS	0.131		0.0265
0.58	BJ-QC/FBK/FFB	<2	K	0.221		0.0436
0.60	BJ-QC/FBK/FFB	<2	K	0.201		0.0404
[redacted]						
0.54	BJ-QC/FBK/FFBFLS	3	J-QC/FFD/RPO	0.392		0.0456
0.55	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPO	0.377		0.0464
1.47	BJ-QCJ-HT/FBK/FFBFLSEHT	6	J-QC/FLS	0.035	J-R	0.0425
1.27	BJ-QCJ-HT/FBK/FFBFLSEHT	5	J-QC/FLS	0.035	J-R	0.0453
1.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.361		0.0278
1.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.366		0.0277
2.90	BJ-QC/FBK/FFB	4	J-QC/FLS	0.413		0.0246
2.54	BJ-QC/FBK/FFB	5	J-QC/FLS	0.403		0.0260
1.77	BJ-QC/FBK/FFB	<2	K	0.392		0.0276
1.77	BJ-QC/FBK/FFB	<2	K	0.386		0.0277
1.50	BJ-QC/FBK/FFBFLS	4	J-QC/FFB/FLS	0.142		0.0207
1.38	BJ-QC/FBK/FFBFLS	4	J-QC/FFB/FLS	0.158		0.0196
0.57	BJ-QC/FBK/FFB	2		0.403		0.0535
0.61	BJ-QC/FBK/FFB	2		0.419		0.0516
1.99	BJ-QC/FBK/FFBFLDRPOFLS	4	J-QC/FLS	0.403	J-QC/FFB	0.0577
1.82	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FLS	0.348	J-QC/FFB	0.0569
1.63	BJ-QCJ-HT/FBK/FFBEHT	9	J-QC/FLS	0.032	J-RJ-QC/FFD/RPO	0.0184
1.52	BJ-QCJ-HT/FBK/FFBEHT	9	J-QC/FLS	<0.0293	KJ-QC/FFD/RPO	0.0193
0.53	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.059		0.0369

0.55	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.048	J-R	0.0385
0.74	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	1.630	J-QC/FFD/RPO	0.0450
0.75	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFD/RPO	1.040	J-QC/FFD/RPO	0.0361
1.78	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.370	J-QC/FFD/RPO	0.0763
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.528	J-QC/FFD/RPO	0.0762
1.45	BJ-QC/FBK/FFBFLS	<2	KJ-QCJ-HT/FLS/EHT	0.581		0.0659
1.61	BJ-QC/FBK/FFBFLS	<2	KJ-QCJ-HT/FLS/EHT	0.602		0.0649
2.09	BJ-QCJ-HT/FBK/FFBEHT	4	J-QC/FLS	0.854		0.0462
2.20	BJ-QCJ-HT/FBK/FFBEHT	4	J-QC/FLS	0.874		0.0464
2.65	BJ-QC/FBK/FFB	4		0.977		0.0575
2.58	BJ-QC/FBK/FFB	4		0.972		0.0622
1.34	BJ-QC/FBK/FFB	<2	K	0.237		0.0437
1.19	BJ-QC/FBK/FFB	<2	K	0.257		0.0467
2.04	BJ-QCJ-HT/FBK/FFBEHT	5	J-QC/FLS	0.864	J-QC/FMS	0.0631
1.98	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	0.849	J-QC/FMS	0.0601
0.80	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.216		0.0349
0.77	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.205		0.0345
1.34	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	4	J-QC/FFD/RPOFLS	0.457	J-QC/FSL	0.0454
0.98	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FFD/RPOFLS	0.477	J-QC/FSL	0.0470
0.77	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.511	J-QC/FSL/FMS	0.0316
0.76	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.487	J-QC/FSL/FMS	0.0313
0.62	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.408	J-QC/FLD/RPOFMS	0.0505
0.33	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.387	J-QC/FLD/RPOFMS	0.0471
0.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.251	J-QC/FMS	0.0693
0.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.272	J-QC/FMS	0.0702
0.60	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.403		0.0478
0.58	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.408		0.0504
1.71	BJ-QCJ-HT/FBK/FFBEHT	3		0.324	J-QC/FMS	0.0268
1.73	BJ-QCJ-HT/FBK/FFBEHT	3		0.309	J-QC/FMS	0.0238
0.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.356	J-QC/FMS	0.0451
0.51	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.356	J-QC/FMS	0.0456
1.15	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.227	J-QC/FMS	0.0408
0.40	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.222	J-QC/FMS	0.0409
0.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	<0.0378	KJ-QC/FMS	0.0361
0.70	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FFD/RPO	<0.0378	KJ-QC/FMS	0.0335
0.32	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.359		0.0485
1.07	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.338		0.0478
0.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.211		0.0479
0.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.216		0.0480
0.45	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QCJ-HT/FFD/RPOFLSEHT	0.269	J-QC/FMS	0.1228
0.31	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	3	J-QCJ-HT/FFD/RPOFLSEHT	0.253	J-QC/FMS	0.1270
0.39	BJ-QC/FBK/FFBFLS	<2	K	0.549	J-QC/FSL/FMS	0.0695
0.38	BJ-QC/FBK/FFBFLS	<2	K	0.512	J-QC/FSL/FMS	0.0597
0.52	BJ-QC/FBK/FFBFLS	<2	K	0.385		0.0902
0.50	BJ-QC/FBK/FFBFLS	<2	K	0.358		0.0862
—	NA	—	NRP	0.300	J-QC/FMS	0.0471
—	NA	—	NRP	0.321	J-QC/FMS	0.0484
—	NA	<2	K	0.260	J-QC/FMS	0.0599
—	NA	<2	K	0.281	J-QC/FMS	0.0591

—	NA	<2	K	0.369	J-QC/LLS/FMS	0.0354
—	NA	<2	K	0.348	J-QC/LLS/FMS	0.0345
—	NA	<2	KJ-QC/FMS	—	A/LBF	0.0279
—	NA	<2	KJ-QC/FMS	—	A/LBF	0.0329
—	NA	3	J-QC/FFD/RPOFMS	0.319	J-QC/LLS/FSLFMS	0.0353
—	NA	<2	KJ-QC/FFD/RPOFMS	0.314	J-QC/LLS/FSLFMS	0.0326
—	NA	3	J-QC/FMS	0.394	J/LLS	0.0351
—	NA	3	J-QC/FMS	0.376	J/LLS	0.0361
—	NA	<2	KJ-QC/FMS	0.641		0.0495
—	NA	<2	KJ-QC/FMS	0.607		0.0478
1.38	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.420	J-QC/FMS	0.0635
1.27	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.420	J-QC/FMS	0.0620
1.76	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.397	J/LLS	0.0915
1.31	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.375	J/LLS	0.0959
1.99	BJ-QC/FBK/FFB	3	J-QC/FFD/RPOFMS	0.454	J-QC/FMS	0.0471
1.91	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPOFMS	0.471	J-QC/FMS	0.0540
1.35	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FFD/RPOFMS	0.0336
1.10	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.102	KJ-QC/LLS/FFDRPOFM	0.0341
<0.30	KBJ-QCJ-HT/FBK/FLSEHT	<2	KJ-QC/FMS	0.169	J-R/LLS	0.0459
<0.30	KBJ-QCJ-HT/FBK/FLDRPOEHT	<2	KJ-QC/FMS	0.181	J-R/LLS	0.0447
1.54	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.241	J/LLS	0.0426
1.85	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.253	J/LLS	0.0414
1.59	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.325	J/LLS	0.0392
0.56	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.344	J/LLS	0.0402
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.464		0.0553
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.494		0.0552
1.28	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.639		0.0465
1.29	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.657		0.0442
1.18	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.283	J/LLS	0.0479
1.19	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.247	J/LLS	0.0467
0.58	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.588		0.0711
0.96	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.577		0.0762
1.71	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	<0.0911	K	0.0497
1.46	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	<0.0911	K	0.0536
1.40	BJ-QC/FBK/FFBFMS	3	J-QC	0.321	J/LLS	0.0381
1.72	BJ-QC/FBK/FFBFMS	3	J-QC	0.321	J/LLS	0.0376
1.97	BJ-QC/FBK/FFBFMS	<2	K	0.404		0.0322
1.91	BJ-QC/FBK/FFBFMS	<2	K	0.382	J/LLS	0.0322
1.64	BJ-QC/FBK/FFBFMS	<2	K	0.205	J/LLS	0.0231
1.39	BJ-QC/FBK/FFBFMS	<2	K	0.210	J/LLS	0.0228
2.68	BJ-QC/FBK/FFBFMS	9		<0.0267	KJ-QC/FFB	0.0474
3.49	BJ-QC/FBK/FFB	10		<0.0267	KJ-QC/FFB	0.0479
1.91	BJ-QC/FBK/FFBFMS	<2	K	0.358	J-QC/LLS/FFB	0.0492
1.65	BJ-QC/FBK/FFBFMS	<2	K	0.392	J-QC/LLS/FFB	0.0495
3.63	BJ-QC/FBK/FFBFMS	6	J-QC/FLS	0.778		0.0549
3.54	BJ-QC/FBK/FFBFMS	6	J-QC/FLS	0.818		0.0559
0.96	BJ-QC/FBK/FFBFMS	<2	K	0.424		0.0513
0.68	BJ-QC/FBK/FFBFMS	<2	K	0.452		0.0515

1.56	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	K	<0.0267	K	0.0394
1.09	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	K	0.240	J/LLS	0.0408
1.98	BJ-QC/FBK/FFBFFDRPO	<2	K	0.641		0.0372
2.97	BJ-QC/FBK/FFBFFDRPO	<2	K	0.635		0.0387
1.52	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.089	J-QC/LLS/FMS	0.0322
1.73	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.223	J-QC/LLS/FMS	0.0321
0.70	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.412		0.0465
0.53	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.346	J/LLS	0.0482
2.00	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.617	J-QC/FFB/FSL	0.0458
2.07	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.588	J-QC/FFB/FSL	0.0534
1.61	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	KJ-QC	0.051	J-RJ-QC/LLS/FMS	0.0563
0.99	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	KJ-QC	0.068	J-QC/LLS/FMS	0.0526
1.59	BJ-QC/FBK/FFBFMS	<2	K	0.267	J/LLS	0.0521
1.53	BJ-QC/FBK/FFBFMS	6		0.284	J/LLS	0.0505
1.96	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.261	J-QC/LLS	0.0517
1.86	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.239	J-QC/LLS	0.0553

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	1.27	0.135	0.11	4.59
	1.40	0.195	0.12	47.8
	1.05	0.164	0.27	8.5
	0.55	0.209	0.17	8.6
	0.91	0.177	0.09	<1.07
	0.88	0.254	0.16	2.8
	0.77	0.152	0.16	6.7
	0.79	0.214	0.12	7.2
	2.40	0.133	0.12	6.5
	—	—	—	—
	0.93	0.176	0.17	19.0
	1.05	0.240	0.18	8.83
	0.92	0.214	0.23	5.93
	1.06	0.252	0.24	0.81
	1.14	0.188	0.18	2.64
	1.06	0.155	0.07	1.22
	0.75	0.156	0.19	0.82
	1.31	0.258	0.15	1.41
	1.20	0.241	0.22	0.47
	1.17	0.137	0.14	0.70
	1.33	0.199	0.22	1.08
	1.41	0.173	0.10	0.46
	1.03	0.114	0.11	1.87
	0.98	0.129	0.11	5.06
	0.96	0.242	0.06	21.69
	2.29	0.085	0.13	2.80
	0.93	0.167	0.05	37.49
	0.79	0.183	0.16	1.92
	0.75	0.145	0.17	3.76
	0.67	0.212	0.18	—
	0.86	0.323	0.21	—
	0.81	0.852	0.17	—
	2.69	0.297	0.24	—
	0.34	0.388	0.36	—
	0.67	0.353	0.22	—
	0.66	0.211	0.20	—
	0.92	0.235	0.18	—
	1.48	—	0.16	—
	1.34	0.140	0.23	—
	1.09	0.150	0.12	—
	1.38	0.160	—	—
	1.55	0.140	0.11	—
	1.65	0.12	0.17	—
	0.79	0.16	0.19	—

1.03	0.107	0.05	—
0.83	0.139	0.07	—
0.64	0.103	0.10	—
0.66	0.282	0.08	—
0.79	0.143	0.04	—
0.63	0.156	0.09	—
0.76	0.234	0.17	—
0.898	0.092	—	—
0.71	0.391	0.20	—
0.57	0.144	0.02	—
0.66	0.138	—	—
0.38	0.181	—	—
0.46	0.167	0.14	—
0.49	0.171	0.16	—
0.56	0.171	0.27	—
0.75	0.174	0.15	—
0.65	0.195	0.18	—
0.82	0.155	0.12	—
2.34	0.229	0.19	—
0.81	0.074	0.13	—
1.20	0.097	0.15	—
1.14	—	0.11	—
[redacted]			
1.08	0.237	0.12	1.1
0.677	0.128	0.55	0.8
0.967	0.115	0.15	5.1
1.54	0.090	0.06	8.6
1.47	0.099	0.05	76.2
0.497	0.085	0.03	40.2
0.917	0.109	0.07	106.0
0.685	0.063	0.07	39.3
0.445	0.170	0.12	5.8
0.907	0.210	0.26	18.3
0.959	0.243	0.05	10.5
0.647	0.301	0.29	17.6
0.486	0.229	0.24	3.4
0.954	0.297	0.17	5.6
0.633	0.314	0.37	8.0
0.972	0.409	0.26	4.6
0.573	0.27	0.25	10.0
0.896	0.19	0.21	4.4
0.406	0.34	0.30	<3.0
0.642	0.27	0.16	<3.0
0.952	0.20	0.16	<3.0
0.743	0.21	0.19	<3.0
0.806	0.52	0.13	3.2
[redacted]			
0.711	0.15	0.12	2.1
1.17	0.13	0.09	2.1
0.422	0.07	0.08	1.1

	0.708		0.11		0.08		11.7
	0.847		0.29		0.15		4.4
	0.678		0.11		0.13		<2.4
	1.06		0.22		0.16		<2.4
	0.612		0.12		0.12		3.2
	0.532		0.16		0.16		<2.4
	1.41		0.29		0.16		182.8
	0.725		0.79		0.56		56.0
	0.766		0.21		0.14		18.7
	0.874		0.19		0.21		<2.4
	0.945		0.15		0.16		4.5
	0.738		0.18		0.17		—
	0.855		0.14		0.15		5.7
	0.998		0.23		—		<2.4
NAP	—	NAP	0.11	J-QC/FFB	0.29		—
NAP	—	NAP	0.12	J-QC/FFB	0.22		—
	1.71	J-QC/FFB	0.56	J-QC/FFD/RPO	0.57	J-QC/FFD/RPO	4.7
	1.72	J-QC/FFB	0.11	J-QC/FFD/RPO	0.11	J-QC/FFD/RPO	4.8
J-QC/FFB/FFDRPO	0.708	J-QC/FLS	0.08		0.07		4.9
J-QC/FFB/FFDRPO	0.818	J-QC/FLS	0.06		0.08		5.0
	0.685		0.12		0.10		4.7
	0.676		0.11		0.10		4.7
J-QC/FFB	1.19		0.40		0.24		10.5
J-QC/FFB	1.23		0.30		0.23		17.0
J-QC/FFB	1.26	J-QC/FFB	0.30	J-QC/FFD/RPO	0.09		9.0
J-QC/FFB	1.27	J-QC/FFB	0.19	J-QC/FFD/RPO	0.09		9.2
J-QC/FFB	0.655	J-QC/FFB	0.14		0.17		1.1
J-QC/FFB	0.665	J-QC/FFB	0.12		0.15		1.2
	0.320	J-QC/FFB	0.45	J-QC/FFD/RPO	0.24		37.3
	0.305	J-QC/FFB	0.26	J-QC/FFD/RPO	0.25		36.6
	0.348		0.20		0.14		7.3
	0.460		0.17		0.14		7.5
	0.556		0.26	J-QC/FFB	0.15		7.5
	0.507		0.21	J-QC/FFB	0.15		7.7
J-QC/FFB	0.816		0.20		0.18		3.3
J-QC/FFB	0.784		0.21		0.16		2.6
	0.240	J-QC/FFB/FFDRPO	0.24		0.17		14.1
	0.453	J-QC/FFB	0.19		0.15		13.8
	0.714		—	NAP	—	NAP	9.6
	0.663		—	NAP	—	NAP	9.2
J-QC/FFB	0.601	J-QC/FFB	0.21		0.19		5.5
J-QC/FFB	0.662	J-QC/FFB	0.19		0.19		5.3
J-QCJ-HT/FFD/RPOEHT	0.959	J-QCJ-HT/FFB/EHT	0.19		0.19		3.0
J-QCJ-HT/FFD/RPOEHT	0.824	J-QCJ-HT/FFB/EHT	0.24		0.15		3.0
J-QC/FFB	0.602	J-QC/FFB	0.23		0.15		4.5
J-QC/FFB	0.587	J-QC/FFB	0.19		0.13		4.6
	1.40		0.10		0.09		1.0
	—	NAPQNS	0.12		0.08		1.0

	0.554		0.39		0.06		2.2
	0.543		0.40		0.05		4.9
	1.08		0.22	J-QC/FFD/RPO	0.17	J-QC/FFD/RPO	19.7
	0.999		0.11	J-QC/FFD/RPO	0.10	J-QC/FFD/RPO	19.2
J-QC/FLS	1.44		0.13		0.11		40.0
J-QC/FLS	1.44		0.12		0.09		40.4
	0.769		0.24	J-QC/FLD/RPO	0.20		1.8
	0.707		0.23	J-QC/FLD/RPO	0.20		2.0
	0.504		0.17		0.16		4.0
	0.375		0.19		0.17		8.1
	0.450		0.15	J-QC/FFD/RPO	0.13		7.5
	0.451		0.22	J-QC/FFD/RPO	0.14		7.3
J-QC/FFB	0.381		0.24	J-QC/FFB/FLS	0.18		2.4
J-QC/FFB	0.384		0.26	J-QC/FFB/FLS	0.17		2.8
	0.479		0.28		0.23		17.3
	0.378		0.27		0.21		18.9
	0.359		0.19		0.16		4.0
	0.360		0.18		0.16		4.9
J-QC/FFB	0.470		0.25		0.24		2.4
J-QC/FFB	0.511		0.26		0.24		2.2
	0.764		0.30		0.22		2.4
	0.798		0.27		0.19		2.5
	0.437		0.34		0.31		<1.3
	0.470		0.34		0.31		3.6
	0.912		0.22	J-QC/FFB	0.19		<1.3
	0.896		0.25	J-QC/FFB	0.16		1.3
	0.498		0.24		0.18		3.3
	0.468		0.23		0.18		3.4
	0.522		0.14		0.11		2.2
	0.599		0.13		0.11		2.2
[redacted]							
	0.6050		0.11	J-QC/FFD/RPO	0.10	J-QC/FFD/RPO	2.1
	0.5450		0.20	J-QC/FFD/RPO	0.16	J-QC/FFD/RPO	2.3
	1.0500		0.17	J-QC/FFD/RPO	0.12		6.9
	1.1500		0.31	J-QC/FFD/RPO	0.12		—
	0.6107		0.11	J-QC/FFB	0.08		3.1
	0.5603		0.14	J-QC/FFB	0.08		3.0
	1.4000		0.22		0.22		5.4
	1.8564		0.20		0.19		5.9
	0.6444		0.12		0.10		3.3
	0.6491		0.13		0.11		2.8
	0.3190		0.14		0.15		3.4
	0.3620		0.15		0.16		3.7
	0.7383	J-QC/FFB	0.16	J-QC/FLS	0.13		6.60
	0.5769	J-QC/FFB	0.15	J-QC/FLS	0.13		7.82
	0.4457		0.19		0.15		5.9
	0.4478		0.16		0.14		5.6
	0.1431		0.26		0.09	J-QC/FFD/RPO	337.6
	0.1586		0.27		0.15	J-QC/FFD/RPO	273.6
J-QC/FFB	0.3242		0.15		0.13		10.7

J-QC/FFB	0.2949		0.17		0.12		6.7
	0.5990	J-QC/FFB	0.24		0.23		10.0
	0.8097	J-QC/FFB	0.25		0.22		10.0
	0.3932	J-QC/FFB	0.34		0.23	J-QC/FFB	7.8
	0.3753	J-QC/FFB	0.34		0.24	J-QC/FFB	6.9
J-HT/EHT	0.5730	J-HT/EHT	0.12	J-QC/FFB	0.11	J-QC/FFB/FFDRPO	2.01
J-HT/EHT	0.6673	J-HT/EHT	0.14	J-QC/FFB	<0.02	KJ-QC/FFB/FFDRPO	1.73
	1.7273		0.16		0.16		77.5
	1.6995		0.16		0.16		80.5
	0.8275		0.29	J-QC/FFB	0.19		1.17
	0.9183		0.31	J-QC/FFB	0.19		1.35
	0.7345		0.12	J-QC/FLS	0.10		2.97
	0.7265		0.10	J-QC/FLS	0.09		2.15
J-QC/FFB	0.9537		0.17		0.16		25.4
J-QC/FFB	0.8068		0.21		0.19		28.7
[redacted]							
	0.6730	J-QC/FLS	0.11		0.09		1.75
	0.6422	J-QC/FLS	0.11		0.09		1.63
J-QC/FFB	1.3977		0.12		0.10		14.5
J-QC/FFB	1.4418		0.11		0.09		16.5
J-QC/FFB	0.9130	J-QC/FFB	0.13		0.10		12.2
J-QC/FFB	0.8863	J-QC/FFB	0.13		0.09		10.2
	0.6475		0.16	J-QC/FFD/RPO	0.14	J-QC/FFD/RPO	28.5
	0.5546		0.40	J-QC/FFD/RPOSUS	0.37	J-QC/FFD/RPOSUS	21.1
J-QC/FFB	0.6081		0.12		0.11		3.31
J-QC/FFB	0.6139		0.10		0.10		2.56
J-QC/FFB	0.5224		0.16		0.13		1.20
J-QC/FFB	0.5261		0.14		0.12		1.05
J-QC/FFB	0.4500		0.18		0.15	J-QC/FFD/RPO	2.58
J-QC/FFB	0.4268		0.19		0.22	J-QC/FFD/RPO	2.14
J-QC/FFB	0.5058	J-QC/FLS	0.22		0.19		6.73
J-QC/FFB	0.4131	J-QC/FLS	0.20		0.18		8.39
J-QC/FFB	0.5128	J-QC/FLS	0.19		0.16		7.88
J-QC/FFB	0.5123	J-QC/FLS	0.18		0.16		8.40
	0.3074	J-QC/FLS	—	A/LBF	0.19		52.8
	0.2643	J-QC/FLS	—	A/LBF	0.19		47.9
	0.5551	J-QC/FLS	0.19		0.19		32.8
	0.6107	J-QC/FLS	0.19		0.17		31.6
J-QC/FFB	0.4053		0.21		0.20		17.1
J-QC/FFB	0.4135		0.20		0.19		20.7
J-QC/FFB	0.5946		0.23	J-QC/FLD/RPO	0.19		16.1
J-QC/FFB	0.5969		0.21	J-QC/FLD/RPO	0.18		12.4
J-QC/FFB	0.4915	J-QC/FFB	0.31	J-QC/FLS	0.24		2.92
J-QC/FFB	0.4958	J-QC/FFB	0.30	J-QC/FLS	0.24		5.13
	0.6561	J-HT/EHT	0.16		0.16		0.574
	0.5980	J-HT/EHT	0.16		0.15		0.925
	0.5101	J-QCJ-HT/FLS/EHT	0.13		0.10		1.00
	0.6533	J-QCJ-HT/FLS/EHT	0.13		0.10		1.05
J-QCJ-HT/FFB/EHT	0.5082		0.15		0.12		23.0
J-QCJ-HT/FFB/EHT	0.5743		0.13		0.11		12.3

[redacted]	0.8808	[redacted]	0.12	J-QC	0.09	J-QC	1.64
	0.8255		0.11	J-QC	0.09	J-QC	1.58
	0.8825	J-HT/EHT	0.12	J-QC	0.09	J-QC	1.87
	0.9907	J-HT/EHT	0.12	J-QC	0.09	J-QC	1.78
	0.5796		0.14		0.10	J-QC/FFD/RPO	5.97
	0.6706		0.11		0.07	J-QC/FFD/RPO	3.32
	0.4333	J-HT/EHT	0.14		0.11		13.3
	0.4342	J-HT/EHT	0.13		0.11		6.68
	0.5868	J-QC/FFB	0.13	J-QC	0.12		4.38
	0.5572	J-QC/FFB	0.14	J-QC	0.12		5.17
J-QC/FFB	0.8789		0.18		0.15		1.11
J-QC/FFB	1.0922		0.18		0.15		0.663
	0.3644	J-HT/EHT	0.24	J-QC/FMS	0.23		1.44
	0.2870	J-HT/EHT	0.24	J-QC/FMS	0.23		2.14
	0.6505	J-QC/FFB/FFDRPO	0.15		0.13	J-QC	1.68
	0.4652	J-QC/FFB/FFDRPO	0.15		0.13	J-QC	1.94
	0.5645		0.14		0.13		0.406
	0.5186		0.13		0.13		0.343
J-QC/FLS	0.3085		0.15	J-QC	0.14		3.06
J-QC/FLS	0.3159		0.14	J-QC	0.13		3.10
	0.3679		0.16	J-QC/FLD/RPO	0.14		12.4
	0.4845		0.16	J-QC/FLD/RPO	0.14		15.4
	0.3920	J-QC/FFB/FLS	0.17		0.15		1.67
	0.3743	J-QC/FFB/FLS	0.18		0.15		2.83
	0.4756		0.18		0.16		4.51
	0.4938		0.16		0.14		7.39
	0.7274	J-QC/FFB/FLS	0.24		0.20		1.09
	0.6397	J-QC/FFB/FLS	0.22		0.18		0.989
	0.5954		0.17	J-QC/FFB	0.06		1.13
	0.5459		0.18	J-QC/FFB	0.05		1.29
	0.6295		0.26	J-QC	0.12	J-QC	4.05
	0.6298		0.22	J-QC	0.13	J-QC	3.96
J-QC/FFB	0.6520	J-QC/FFB	0.17		0.13		3.69
J-QC/FFB	0.7089	J-QC/FFB	0.15		0.13		3.72
[redacted]							
J-QC/FFB	1.0573	J-QC	0.12	J-QC	0.10		1.72
J-QC/FFB	0.9904	J-QC	0.11	J-QC	0.10		1.85
J-QC/FFB	0.5567		0.09		0.08		3.93
J-QC/FFB	0.5059		0.09		0.09		3.62
J-QC/FFB	0.8493		0.11	J-QC/FFB	0.08	J-QC/FFB	8.31
J-QC/FFB	0.7306		0.08	J-QC/FFB	0.07	J-QC/FFB	8.09
J-QC/FFB	1.8920	J-QC/FLS	0.23	J-QC/FFB/FMS	0.19		7.21
J-QC/FFB	1.7481	J-QC/FLS	0.23	J-QC/FFB/FMS	0.18		7.43
J-QC/FFB	1.1737	J-QC/FLS	0.18	J-QC	0.15	J-QC/FFB	4.05
J-QC/FFB	1.2350	J-QC/FLS	0.17	J-QC	0.14	J-QC/FFB	4.13
J-QC/FFB	1.3182		0.21		0.16		3.03
J-QC/FFB	1.3882		0.17		0.14		2.53
J-QC/FFB	0.7986		0.16	J-QC/FLD/RPO	0.15		7.67
J-QC/FFB	0.7704		0.15	J-QC/FLD/RPO	0.14		7.03

J-QC/FFB	0.5008		0.13	J-QC/FMS	0.11		13.5
J-QC/FFB	0.4660		0.11	J-QC/FMS	0.09		16.8
J-QC/FFB	0.4039	J-HT	0.16		0.13		3.22
J-QC/FFB	0.4239	J-HT	0.15		0.11		2.94
J-QC/FFB	0.6513		0.21		0.18		14.2
J-QC/FFB	0.6979		0.21		0.19		14.5
	0.4448		0.20		0.17		11.1
	0.4450		0.20		0.16		11.9
	0.6253	J-HT	—	NAPQNS	—	NAPQNS	16.2
	0.6478	J-HT	—	NAPQNS	—	NAPQNS	17.0
J-QC/FFB	0.4345	J-QC	0.22		0.20		8.69
J-QC/FFB	0.4721	J-QC	0.20		0.18		8.82
J-QC/FFB	0.6933		0.19		0.16		0.77
J-QC/FFB	0.7503		0.21		0.16		1.08
J-QC/FFB	0.8889		0.20	J-QC/FFD/RPO	0.15	J-QC/FFD/RPO	2.93
J-QC/FFB	0.7561		0.90	-QC/FFD/RPOSUSOU	0.62	J-QC/FFD/RPOSUSOUT	2.72

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	4.5	0.00	0.00
	8.0	0.21	0.21
	12.0	0.03	0.18
	6.5	1.09	1.53
	19.0	0.09	1.26
	11.3	0.00	0.23
	1.9	0.00	0.00
	2.6	0.00	0.00
	10.8	0.00	0.00
	—	0.00	0.00
	38.8	0.39	0.39
	<0.5	0.00	0.00
	6.3	0.00	0.00
	3.8	0.53	2.80
	2.0	0.00	0.00
	10.0	0.00	0.00
	4.0	0.00	0.00
	6.8	0.00	0.00
	10.0	0.03	0.44
	5.4	0.00	0.00
[redacted]			
	4.2	0.09	0.28
	<0.5	0.01	0.01
	2.6	0.01	0.01
	<0.5	0.00	0.12
	<0.5	0.00	0.00
	0.7	0.00	0.00
	<0.5	0.00	0.00
	1.6	0.09	0.24
	1.6	0.00	0.00
	2.2	0.00	0.00
	<0.5	0.00	0.00
	3.4	0.83	0.83
	6.0	0.00	0.00
	6.3	0.00	0.00
	4.3	0.00	0.05
	3.3	0.01	0.01
	4.4	0.05	0.05
	4.1	0.03	0.03
	2.5	0.30	0.30
	9.4	0.57	0.57
	—	0.00	0.00
	7.8	0.00	0.00
[redacted]			
	7.9	0.00	0.00
	6.7	0.00	0.63

	6.0	0.00	0.00
	<0.5	0.00	0.00
	5.4	0.00	0.00
	4.4	0.00	0.00
	7.1	0.00	0.41
	5.2	0.00	0.00
	9.1	0.00	0.00
	—	0.00	0.54
	4.5	0.17	1.04
	2.5	0.00	0.00
	—	0.00	1.56
	—	0.00	0.00
	7.4	0.00	0.00
	6.8	0.00	0.02
	5.9	0.00	0.00
	3.0	0.00	0.00
	11.0	1.86	1.86
	2.9	0.00	0.00
	5.6	0.36	0.36
	4.4	0.65	0.65
	2.4	0.00	0.00
	2.5	0.00	0.00
[redacted]			
	4.9	0.00	0.00
	1.7	0.00	0.00
	8.4	0.00	0.00
	1.8	0.00	0.00
	<0.5	0.00	0.01
	2.0	0.00	0.00
	3.1	0.17	0.17
	2.1	0.00	0.32
	6.1	0.00	0.66
	3.6	0.00	0.00
	6.6	0.19	0.48
	0.9	0.44	0.44
	2.5	0.00	2.40
	5.6	0.01	0.01
	4.8	1.48	1.51
	6.9	1.09	1.14
	7.9	0.00	0.00
	9.5	0.07	0.65
	7.2	0.00	0.00
	6.9	0.00	0.00
	6.0	0.12	0.42
	5.4	0.00	0.61
	3.6	0.06	0.06
[redacted]			
J-R	10.9	0.09	0.10
J-R	2.2	0.05	0.10
J-R	3.3	0.00	0.00

	4.9		0.00	0.00
J-R	5.3		0.05	0.71
	5.1		0.00	0.14
	4.5		0.28	0.28
J-R	7.4		0.01	0.83
	4.3		0.00	0.00
	5.2		0.00	0.03
	5.7		1.17	1.23
	3.0		0.00	0.00
	3.4		0.00	0.00
J-R	4.0		0.00	0.00
	3.1		0.00	0.00
	4.0		0.00	0.00
	3.8		0.02	0.02
NAP	5.7		0.00	1.25
NAP	5.7		0.00	1.25
J-R	4.5		0.00	0.00
	4.1		0.00	0.00
	4.5		0.00	0.00
	4.7		0.00	0.00
J-RJ-HT/EHT	4.3		0.32	0.32
J-RJ-HT/EHT	4.0		0.32	0.32
J-QC/FFD/RPO	6.7		1.47	2.10
J-QC/FFD/RPO	6.4		1.47	2.10
	7.0		0.00	0.00
	6.4		0.00	0.00
J-R	4.3		0.22	0.23
J-R	3.9		0.22	0.23
	7.3		2.01	2.01
	7.6		2.01	2.01
	6.0	J-QC/FFB	0.00	0.00
	6.6	J-QC/FFB	0.00	0.00
	4.7	J-QC/FFB	0.25	0.25
	4.0	J-QC/FFB	0.25	0.25
	3.6	J-QC/FFB/FSL	0.00	0.00
	4.1	J-QC/FFB/FSL	0.00	0.00
	4.3		0.00	0.00
	4.6		0.00	0.00
	—	NAP	0.02	0.02
	—	NAP	0.02	0.02
	5.0	J-QC/FFB	0.00	0.17
	5.0	J-QC/FFB	0.00	0.17
	4.2	BJ-QC/FBK/FFB	0.77	0.77
	3.8	BJ-QC/FBK/FFB	0.77	0.77
	4.7	J-QC/FFB	0.00	0.01
	4.0	J-QC/FFB	0.00	0.01
J-R	5.0	J-QC/FFB	0.00	0.00
J-R	5.0	J-QC/FFB	0.00	0.00

J-QC/FFD/RPO	4.30	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.90	J-QC/FFB	0.00	0.00
	5.50	J-QC/FFB	0.00	0.00
	5.70	J-QC/FFB	0.00	0.00
	6.20		0.00	0.00
	6.10		0.00	0.00
J-RJ-QC/FSL	5.29		0.00	0.00
J-RJ-QC/FSL	5.99		0.00	0.00
J-QC/FFD/RPO	5.62	J-QC/FFB	0.73	0.73
J-QC/FFD/RPO	5.07	J-QC/FFB	0.73	0.73
	4.40	J-QC/FFB	0.00	0.00
	4.00	J-QC/FFB	0.00	0.00
J-R	4.50	J-QC/FFB	0.00	1.69
	3.70	J-QC/FFB	0.00	1.69
	4.00	J-QC/FFB/FFDRPO	0.13	0.13
	11.60	J-QC/FFB/FFDRPOOUT	0.13	0.13
	3.70	BJ-QC/FBK/FFB	0.07	0.07
	3.30	BJ-QC/FBK/FFB	0.07	0.07
J-R	3.60	J-QC/FFB	0.00	0.71
J-R	3.60	J-QC/FFB	0.00	0.71
J-R	4.10	J-QC/FFB	0.68	0.68
J-R	4.10	J-QC/FFB	0.68	0.68
KJ-QC/FFD/RPO	4.64		1.68	1.68
J-QC/FFD/RPO	4.92		1.68	1.68
KJ-QC/FFD/RPO	3.20		0.00	0.00
J-RJ-QC/FFD/RPO	3.20		0.00	0.00
	10.50	J/OUT	0.15	0.65
	9.10		0.15	0.65
J-R	4.20		0.00	0.00
J-R	4.10		0.00	0.00
[redacted]				
J-R	4.5		0.00	0.00
J-R	3.8		0.00	0.00
	5.5	J-QC/FFB	0.10	0.10
NAPQNS	6.3	J-QC/FFB	0.10	0.10
	5.3	J-QC/FFB	0.00	0.00
	5.4	J-QC/FFB	0.00	0.00
J-QC/FFB	3.8	J-QC/FFB	0.64	1.31
J-QC/FFB	3.8	J-QC/FFB	0.64	1.31
	4.0	BJ-QC/FBK/FFB	0.57	0.57
	3.8	BJ-QC/FBK/FFB	0.57	0.57
	3.4		2.39	3.03
	3.2		2.39	3.03
J-QC/FFB	3.0		0.00	0.00
J-QC/FFB	2.7		0.00	0.00
	2.9	J-QC/FFB	0.08	0.08
	—		0.08	0.08
	6.0	J-QC/FFB	0.17	0.17
	4.5	J-QC/FFB	0.17	0.17
J-QC/FFD/RPO	3.6	J-QC/FFB	0.04	0.04

J-QC/FFD/RPO	3.3	J-QC/FFB	0.04	0.04
	4.6	J-QC/FFB	0.00	1.32
	4.4	J-QC/FFB	0.00	1.32
	5.3	J-QC/FFB	0.00	0.00
	4.9	J-QC/FFB	0.00	0.00
J-HT/EHT	4.9	J-QC/FFB	0.00	0.00
J-RJ-HT/EHT	4.9	J-QC/FFB	0.00	0.00
	4.0	J-QC/FFB/FFDRPO	0.08	0.12
	2.7	J-QC/FFB/FFDRPO	0.08	0.12
J-R	3.9	J-QC/FFB/FFDRPO	0.00	0.00
J-R	7.9	J-QC/FFB/FFDRPO	0.00	0.00
J-QC/FFD/RPO	3.6		0.00	0.00
J-QC/FFD/RPO	3.4		0.00	0.00
	4.7		2.19	2.41
	5.9		2.19	2.41
[redacted]				
	3.1		0.00	0.00
	3.0		0.00	0.00
	3.4	J-QC/FFB	0.00	0.00
	2.9	J-QC/FFB	0.00	0.00
	3.7	BJ-QC/FBK/FFB	0.00	0.00
	3.5	BJ-QC/FBK/FFB	0.00	0.00
	1.0	J-QC/FFB	0.00	0.00
	1.0	J-QC/FFB	0.00	0.00
	2.5	J-QC/FFD/RPO	0.27	0.30
	1.8	J-QC/FFD/RPO	0.27	0.30
	2.4	BJ-QC/FBK/FFB	0.40	0.60
	2.4	BJ-QC/FBK/FFB	0.40	0.60
	3.8	J-QC/FFB	0.93	2.05
	4.1	J-QC/FFB	0.93	2.05
	2.7	J-QC/FFB	0.00	0.00
	2.6	J-QC/FFB	0.00	0.00
	2.2	BJ-QC/FBK/FFB	0.00	0.00
	1.8	BJ-QC/FBK/FFB	0.00	0.00
	5.5	J-QC/FFB	0.39	0.39
	5.5	J-QC/FFB	0.39	0.39
	4.2	J-QC/FFB	0.23	0.23
	4.6	J-QC/FFB	0.23	0.23
J-QC/FFB	3.2		0.29	0.29
J-QC/FFB	2.4		0.29	0.29
J-QC/FFB	2.2		0.00	0.00
J-QC/FFB	1.8		0.00	0.00
J-QC/FFD/RPOFSL	2.2		0.00	0.00
J-QC/FFD/RPOFSL	2.3		0.00	0.00
J-QC/FFD/RPO	3.5	J-QC/FFB/FFDRPO	0.00	0.00
J-QC/FFD/RPO	2.4	J-QC/FFB/FFDRPO	0.00	0.00
	3.5	BJ-QC/FBK/FFB	0.00	0.46
	3.3	BJ-QC/FBK/FFB	0.00	0.46
J-QC/FFD/RPO	2.8		0.00	0.02
J-QC/FFD/RPO	2.1		0.00	0.02

J/LLS	2.52	BJ-QC/FBK/FFB	0.00	0.00
J/LLS	2.75	BJ-QC/FBK/FFB	0.00	0.00
J/LLS	3.40	J-QC/FFB	0.00	0.00
J/LLS	3.06	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.07	J-QC/FFB	0.00	0.68
J-QC/FFD/RPO	2.86	J-QC/FFB	0.00	0.68
J-QC/FFB/FFDRPO	3.1	J-QC	0.00	0.00
J-QC/FFB/FFDRPO	3.1	J-QC	0.00	0.00
	2.6		0.00	0.00
	2.4		0.00	0.00
J-QC/LLS/FFDRPO	3.1	J-QC/FFB/FLDRPO	0.00	0.00
J-QC/LLS/FFDRPO	2.4	J-QC/FFB/FLDRPO	0.00	0.00
-QC/LLS/FFBFFDRP(	<0.25	KJ-QC/FFB/FFDRPO	0.18	0.18
J-QC/FFB/FFDRPO	1.6	J-QC/FFB/FFDRPO	0.18	0.18
J/LLS	5.7	J-QC/FLD/RPO	0.00	0.00
J/LLS	5.6	J-QC/FLD/RPO	0.00	0.00
J-R/LLS	5.1	J-QC/FLD/RPO	0.00	0.00
J-R/LLS	5.3	J-QC/FLD/RPO	0.00	0.00
	3.8		0.00	0.57
	3.5		0.00	0.57
	3.2	J-QC	0.00	0.00
	3.0	J-QC	0.00	0.00
-QC/LLS/FFBFFDRP(	3.4	J-QC/FFD/RPO	0.00	0.00
J-QC/FFB/FFDRPO	11.8	J-QC/FFD/RPO	0.00	0.00
J-QC/FFB/FFDRPO	2.6	J-QC/FFD/RPO	0.00	0.00
J-QC/FFB/FFDRPO	1.8	J-QC/FFD/RPO	0.00	0.00
J/LLS	2.4	QC/FBK/FFBFLDRPOFSLF	0.00	0.00
J/LLS	2.1	QC/FBK/FFBFLDRPOFSLF	0.00	0.00
J-HT/LLS/EHT	3.48	J-QC	0.00	0.00
J-HT/LLS/EHT	2.87	J-QC	0.00	0.00
	5.91	J-QC	0.00	0.00
	5.34	J-QC	0.00	0.00
	3.84		0.01	0.01
	3.24		0.01	0.01
J/LLS	5.7		0.00	0.00
J/LLS	5.4		0.00	0.00
	5.3	J-QC/FFB	0.00	0.00
	5.8	J-QC/FFB	0.00	0.00
	4.6	J-QC/FFB	0.00	0.07
	4.4	J-QC/FFB	0.00	0.07
	7.8	J-QC/FFB	0.52	0.52
	8.2	J-QC/FFB	0.52	0.52
	5.6		0.40	0.40
	5.4		0.40	0.40
J-QC/FFB	8.9	J-QC/FMS	0.78	0.78
J-QC/FFB	8.6	J-QC/FMS	0.78	0.78
	3.1	J-QC/FLD/RPO	0.00	0.00
	3.2	J-QC/FLD/RPO	0.00	0.00

	2.8	J-QC/FMS	1.20	1.20
	2.3	J-QC/FMS	1.20	1.20
	3.1		0.00	0.73
	2.6		0.00	0.73
	2.2	J-QC	0.00	0.00
	1.9	J-QC	0.00	0.00
	3.6		0.00	0.00
	3.5		0.00	0.00
	—	NAPQNS	0.00	0.73
	—	NAPQNS	0.00	0.73
	0.9		0.01	0.01
	1.3		0.01	0.01
-QC/LLS/FFBFFDRP(	3.3		0.00	0.00
-QC/LLS/FFBFFDRP(	2.8		0.00	0.00
	2.5		0.00	0.08
	2.2		0.00	0.08

rch 7, 2006#REF!

#REF! 1

[redacted]

[redacted]

Station #21 Upper Arthur Kill	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 10, 2003	10:50	6.40	5.9	10.82
December 18, 2003	12:30	6.30	4.9	9.15
2004				
February 26, 2004	13:45	7.92	3.7	10.87
April 6, 2004	10:10	5.99	6.7	10.06
April 22, 2004	10:00	7.25	12.5	9.50
May 20, 2004	11:00	7.36	18.5	6.01
May 27, 2004	11:35	7.36	19.1	6.35
June 1, 2004	—	7.43	—	—
June 16, 2004	10:30	7.26	24.0	6.00
June 23, 2004	10:25	7.77	20.6	8.41
July 1, 2004	10:55	7.47	21.7	—
July 7, 2004	10:48	7.52	—	—
July 14, 2004	10:52	7.43	21.4	3.20
July 21, 2004	11:00	7.47	23.0	3.20
July 28, 2004	10:55	7.06	22.05	5.62
August 4, 2004	10:55	7.26	25.26	4.51
August 11, 2004	10:30	7.59	23.98	7.38
August 18, 2004	11:01	7.38	23.59	5.14
August 25, 2004	10:35	7.34	23.24	5.13
September 1, 2004	10:25	7.65	24.52	5.51
September 15, 2004	11:25	7.43	23.84	5.43
September 22, 2004	10:32	7.61	20.85	6.45
September 29, 2004	11:05	6.80	21.25	6.44
October 14, 2004	11:00	—	17.94	6.41
October 21, 2004	12:00	—	15.0	6.63
November 4, 2004	11:50	7.50	14.4	7.13
November 22, 2004	10:07	7.53	10.99	7.43
December 2, 2004	11:43	7.40	9.62	8.92
2005				
February 24, 2005	11:00	—	3.36	11.52
March 22, 2005	11:27	—	5.0	13.62
April 13, 2005	10:33	—	9.94	15.38
May 5, 2005	10:32	7.54	12.11	9.41
May 11, 2005	10:38	7.55	13.04	10.48
May 19, 2005	11:39	7.72	14.77	9.10
May 24, 2005	10:10	7.35	15.31	7.16
May 31, 2005	11:03	7.43	16.27	6.92
June 8, 2005	10:29	7.31	19.75	6.16
June 15, 2005	10:54	7.54	22.36	7.71
June 22, 2005	11:04	7.33	21.23	5.83
June 29, 2005	10:13	7.32	22.77	6.34
July 6, 2005	10:24	7.29	23.76	4.87
July 28, 2005	10:48	7.47	25.71	5.52
August 3, 2005	10:41	—	25.98	6.97
August 11, 2005	—	—	—	—

August 17, 2005	10:27	7.32	25.97	4.57
August 25, 2005	10:38	—	24.47	4.80
September 8, 2005	—	—	—	—
September 12, 2005	—	—	—	—
September 20, 2005	09:42	7.29	24.41	4.82
October 6, 2005	10:49	—	21.81	5.67
October 18, 2005	11:29	—	16.55	8.63
November 3, 2005	11:05	7.60	13.42	9.16
December 21, 2005	10:38	6.60	4.79	12.54
2006				
January 5, 2006	10:50	7.52	5.84	14.83
February 1, 2006	10:13	7.72	5.73	13.25
March 30, 2006	10:58	7.92	7.69	12.06
April 18, 2006	10:29	7.66	11.81	9.20
April 27, 2006	10:53	7.40	13.50	11.59
May 2, 2006	10:55	7.45	13.42	11.74
May 11, 2006	11:19	7.41	15.31	7.82
June 14, 2006	11:46	7.43	18.99	6.31
June 19, 2006	11:18	7.44	20.12	10.12
June 26, 2006	11:56	7.27	21.16	7.52
July 11, 2006	10:55	7.25	20.87	6.74
July 17, 2006	11:28	7.26	23.14	5.97
July 24, 2006	10:58	7.19	24.31	6.03
July 31, 2006	11:41	7.45	25.75	7.19
August 9, 2006	10:12	7.58	24.79	5.51
August 29, 2006	10:41	7.37	23.83	4.90
September 6, 2006	10:07	7.34	21.25	5.25
September 11, 2006	11:11	7.32	22.10	5.30
September 18, 2006	10:44	7.33	21.60	8.61
September 25, 2006	11:24	7.48	20.97	6.52
October 18, 2006	10:17	7.43	16.63	6.98
November 14, 2006	11:52	7.59	13.02	7.79
December 13, 2006	10:39	7.78	8.17	9.63
2007				
January 10, 2007	11:33	7.98	6.95	10.18
January 25, 2007	12:15	7.61	5.78	9.56
February 22, 2007	10:30	8.51	2.43	13.53
March 8, 2007	11:23	7.57	2.62	18.73
March 20, 2007	11:04	7.76	4.32	11.09
April 2, 2007	11:41	7.58	7.12	12.54
May 3, 2007	11:36	7.54	12.45	9.03
Boat engine failure - 5/18/07				
August 22, 2007	11:21	7.69	21.67	5.64
August 30, 2007	09:56	7.61	23.79	5.83
September 11, 2007	10:23	7.32	24.99	6.09
October 3, 2007	11:16	7.29	21.21	5.58
October 30, 2007	10:56	7.27	16.41	6.55
November 27, 2007	10:48	—	9.99	8.46
2008				
January 9, 2008	10:59	—	6.03	10.47

February 28, 2008	A	11:51	—		—		—
February 28, 2008	B	11:51	—		—		—
March 13, 2008		11:51	7.59		5.69		11.57
April 24, 2008		11:38	7.70		13.14		10.00
May 6, 2008		12:41	7.39		14.62		8.19
June 5, 2008		10:50	7.40		17.25		6.51
June 10, 2008		11:50	7.35		20.31		6.49
July 17, 2008		10:37	7.40		24.20		5.87
July 21, 2008		12:11	7.43		25.54		5.89
July 30, 2008		10:38	7.22		24.79		4.42
August 6, 2008		10:29	7.24		24.45		4.79
August 13, 2008		10:24	7.41		23.06		5.22
August 19, 2008		11:14	7.35		23.58		5.31
August 26, 2008		10:39	7.43		22.96		5.68
September 9, 2008		10:52	7.45		23.52		6.13
September 18, 2008		10:54	—		22.22		5.51
September 24, 2008		10:48	7.28		21.03		6.35
October 9, 2008		10:52	—		17.82		5.06
November 13, 2008		10:31	7.24		12.87		6.40
December 2, 2008		11:47	7.32		8.22		7.43
2009							
January 29, 2009		10:51	7.31		2.42		8.91
February 9, 2009		10:59	7.34		2.81		9.21
March 4, 2009		10:50	7.57		2.09		15.19
April 14, 2009		10:47	7.53		8.03		11.98
May 5, 2009		11:50	7.15		13.50		—
May 20, 2009		12:00	7.43		15.37		—
June 3, 2009		10:23	7.11		18.40		—
June 18, 2009		10:57	7.41		19.25		6.42
June 23, 2009		11:02	7.33		19.93		5.62
July 8, 2009		10:43	7.42		21.62		6.01
July 15, 2009		11:04	—	NAPEFAI/EQF	21.37		6.83
July 21, 2009		10:40	—	NAPEFAI/EQF	22.70		5.55
July 29, 2009		10:55	—	NAPEFAI/EQF	23.66		5.06
August 6, 2009		10:27	—	NAPEFAI/EQF	24.20		4.96
August 12, 2009		10:42	—	NAPEFAI/EQF	24.00		5.28
August 19, 2009		10:31	—	NAPEFAI/EQF	25.01		—
August 25, 2009		10:33	—	NAPEFAI/EQF	25.54		—
September 2, 2009		10:42	—	NAPEFAI/EQF	22.86		—
September 10, 2009	A	11:11	—	NAPEFAI/EQF	23.37		—
September 10, 2009	B	11:11	—		—		—
September 16, 2009		10:47	—	NAPEFAI/EQF	21.67		—
September 24, 2009		10:20	—	NAPEFAI/EQF	21.40		—
September 29, 2009		11:15	—	NAPEFAI/EQF	19.73		10.37
October 5, 2009		11:30	—	NAPEFAI/EQF	18.83		6.60
November 24, 2009		10:49	7.70		11.37		8.75
2010							
March 18, 2010		11:14	7.41		7.29		12.24
April 19, 2010	A	10:43	7.61		10.39		10.01
April 19, 2010	B	10:43	—	NA	—	NA	—

May 6, 2010	A	11:28	7.50		15.82		9.01
May 6, 2010	B	11:28	—	NA	—	NA	—
May 18, 2010		10:42	7.42		13.80		7.97
May 25, 2010	A	10:42	7.38		16.50		7.17
May 25, 2010	B	10:42	—	NA	—	NA	—
June 2, 2010	A	10:32	7.42		20.11		6.77
June 2, 2010	B	10:32	—	NA	—	NA	—
June 10, 2010		11:35	7.52		19.76		6.41
June 16, 2010	A	11:18	7.43		20.46		5.90
June 16, 2010	B	11:18	—	NA	—	NA	—
June 23, 2010		10:53	7.15		23.70		4.66
June 28, 2010		10:24	7.64		24.04		7.92
July 13, 2010		10:28	7.48		24.40		5.08
July 22, 2010	A	10:31	7.44		26.10		5.22
July 22, 2010	B	10:31	—	NA	—	NA	—
July 28, 2010		10:45	7.50		25.66		5.64
August 4, 2010	A	10:28	7.54		23.77		5.24
August 4, 2010	B	10:28	—	NA	—	NA	—
August 11, 2010		10:47	7.42		25.33		4.70
August 19, 2010	A	10:52	7.34		24.86		4.20
August 19, 2010	B	10:52	—	NA	—	NA	—
August 25, 2010		11:02	7.34		23.35		4.69
September 2, 2010	A	11:29	7.63		24.75		6.78
September 2, 2010	B	11:29	—	NA	—	NA	—
September 15, 2010		10:47	7.66		20.71		6.67
September 22, 2010		10:55	7.51		20.66		6.37
September 28, 2010	A	10:44	7.39		21.87		6.53
September 28, 2010	B	10:44	—	NA	—	NA	—
October 4, 2010	A	10:50	7.49		19.04		7.47
October 4, 2010	B	10:50	—	NA	—	NA	—
November 16, 2010		10:39	7.63		11.05		9.19
December 6, 2010		10:45	7.60		7.65		9.84
2011							
January 6, 2011		10:48	7.54		3.40		11.11
February 7, 2011		10:40	7.64		2.60		13.54
March 14, 2011	A	10:44	7.16		6.07		12.60
March 14, 2011	B	10:44	—	NA	—	NA	—
April 12, 2011		10:35	7.38		9.23		11.24
May 4, 2011		11:05	7.17		13.25		8.49
May 11, 2011		11:31	7.63		13.45		9.01
May 18, 2011		10:54	7.24		15.13		8.37
May 23, 2011		10:48	7.21		16.32		7.76
June 2, 2011		11:08	7.56		20.20		6.99
June 9, 2011		11:10	7.43		20.14		7.43
June 22, 2011		10:54	7.43		22.13		6.46
June 30, 2011		11:13	7.53		23.01		6.03
July 7, 2011		10:54	7.52		23.70		5.98
July 12, 2011	A	11:04	7.55		24.92		6.23
July 12, 2011	B	11:04	—	NA	—	NA	—
July 27, 2011	A	10:30	7.48		24.46		4.96

July 27, 2011	B	10:30	—	NA	—	NA	—
August 3, 2011		11:03	7.39		25.33		4.75
August 11, 2011		11:26	7.51		25.45		5.60
August 22, 2011		11:03	7.37		24.37		5.41
September 12, 2011	A	11:38	7.24		21.60		6.20
September 12, 2011	B	11:38	—	NA	—	NA	—
September 19, 2011		10:36	7.50		19.23		6.92
September 28, 2011	A	10:42	7.34		21.55		4.90
September 28, 2011	B	10:42	—	NA	—	NA	—
October 26, 2011		11:03	7.51		15.36		6.51
November 3, 2011	A	11:03	7.49		11.73		9.05
November 3, 2011	B	11:03	—	NA	—	NA	—
December 5, 2011	A	11:35	7.73		10.15		8.84
December 5, 2011	B	11:35	—	NA	—	NA	—
2012							
January 12, 2012		11:25	7.90		7.37		11.14
February 9, 2012	A	11:44	7.70		6.01		9.98
February 9, 2012	B	11:44	—	NA	—	NA	—
March 8, 2012		11:18	7.88		7.07		10.94
April 23, 2012	A	11:18	7.62		13.16		8.70
April 23, 2012	B	11:18	—	NA	—	NA	—
May 3, 2012		10:55	7.50		13.25		6.92
May 8, 2012	A	10:50	7.48		14.21		6.63
May 8, 2012	B	10:50	—	NA	—	NA	—
May 16, 2012		11:17	7.40		17.50		4.78
May 21, 2012	A	10:28	7.36		18.09		4.94
May 21, 2012	B	10:28	—	NA	—	NA	—
June 4, 2012		10:54	7.68		20.54		5.28
June 12, 2012		10:35	—	NAPEFAI/EQF	20.78		4.09
June 21, 2012		10:35	—	NAPEFAI/EQF	22.91		4.00
June 27, 2012		10:54	—	NAPEFAI/EQF	22.04		3.81
July 9, 2012		10:44	—	NAPEFAI/EQF	24.74		3.53
August 2, 2012		10:27	7.27		25.62		4.35
August 16, 2012		10:55	7.39		25.38		4.63
August 23, 2012		10:38	7.31		24.14		4.70
September 6, 2012		10:42	7.37		24.71		5.00
September 12, 2012	A	11:13	7.46		23.35		5.27
September 12, 2012	B	11:13	—	NA	—	NA	—
September 18, 2012	A	10:05	7.41		22.52		5.53
September 18, 2012	B	10:05	—	NA	—	NA	—
September 24, 2012		11:29	7.53		20.97		5.90
October 16, 2012		10:40	7.53		17.21		6.89
November 27, 2012		09:13	7.66		9.34		8.93
December 4, 2012	A	09:33	7.57		8.76		8.99
December 4, 2012	B	09:33	—	NA	—	NA	—
2013							
January 10, 2013		09:05	7.68		5.73		10.58
February 4, 2013	A	09:41	7.79		3.10		12.41
February 4, 2013	B	09:41	—	NA	—	NA	—
March 12, 2013		09:25	7.70		5.36		11.16

April 3, 2013		09:22	8.00	[redacted]	5.91		11.18
May 1, 2013	A	10:57	7.53	[redacted]	12.17		8.10
May 1, 2013	B	10:57	—	NA	—	NA	—
May 8, 2013		10:50	7.45	[redacted]	16.11		6.04
May 13, 2013		10:52	7.50	[redacted]	15.20		7.05
May 20, 2013		10:59	7.51	[redacted]	15.18		6.77
May 29, 2013	A	10:50	7.47	[redacted]	15.60		7.41
May 29, 2013	B	10:50	—	NA	—	NA	—
June 6, 2013		10:30	7.51	[redacted]	18.22		4.71
June 20, 2013	A	10:34	7.42	[redacted]	20.46		6.58
June 20, 2013	B	10:34	—	NA	—	NA	—
July 2, 2013		10:38	7.46	[redacted]	22.73		5.66
July 10, 2013		10:38	7.60	[redacted]	23.69		5.94
July 17, 2013	A	10:45	7.60	[redacted]	23.97		5.55
July 17, 2013	B	10:45	—	NA	—	NA	—
July 24, 2013		11:03	7.56	[redacted]	25.42		4.49
August 1, 2013	A	10:58	7.57	[redacted]	23.78		4.94
August 1, 2013	B	10:58	—	NA	—	NA	—
August 7, 2013		10:20	7.61	[redacted]	23.01		5.63
August 13, 2013		11:21	7.55	[redacted]	23.28		5.16
August 22, 2013	A	11:26	7.60	[redacted]	23.23		4.84
August 22, 2013	B	11:26	—	NA	—	NA	—
August 28, 2013		10:44	7.69	[redacted]	23.24		5.96
September 10, 2013		10:29	7.51	[redacted]	21.93		5.63
September 16, 2013		10:57	7.56	[redacted]	20.62		5.76
September 23, 2013	A	10:56	7.54	[redacted]	19.48		6.23
September 23, 2013	B	10:56	—	NA	—	NA	—
October 3, 2013		11:00	7.48	[redacted]	19.42		6.61
November 19, 2013	A	11:30	7.83	[redacted]	10.23		8.50
November 19, 2013	B	11:30	—	NA	—	NA	—
December 2, 2013		11:05	7.61	[redacted]	7.27		9.12
2014							
January 13, 2014	A	10:51	7.39		2.91		11.16
January 13, 2014	B	10:51	—	NA	—	NA	—
February 4, 2014		12:00	7.51		1.80		12.51
March 6, 2014	A	10:42	7.68		1.59		11.12
March 6, 2014	B	10:42	—	NA	—	NA	—
April 8, 2014		11:09	7.91		7.84		10.87
May 1, 2014		11:40	8.15		10.89		14.40
May 13, 2014	A	11:08	7.44		13.89		7.68
May 13, 2014	B	11:08	—	NA	—	NA	—
May 19, 2014		11:08	7.32		14.27		8.98
June 5, 2014		11:03	7.34		17.79		6.66
June 11, 2014		11:14	7.21		18.17		6.25
June 19, 2014	A	10:14	7.26		20.18		6.08
June 19, 2014	B	10:14	—	NA	—	NA	—
June 26, 2014		11:15	7.60		21.00		7.90
July 2, 2014		11:08	7.63		22.61		6.51
July 10, 2014	A	11:16	7.59		21.47		7.00
July 10, 2014	B	11:16	—	NA	—	NA	—

July 15, 2014		10:54	7.45		21.66		5.56
July 28, 2014		10:44	7.54		22.64		5.84
August 4, 2014	A	10:56	7.56		22.07		6.59
August 4, 2014	B	10:56	—	NA	—	NA	—
August 12, 2014		10:25	7.46		22.59		5.60
August 20, 2014		11:04	7.59		22.46		6.13
August 27, 2014		10:48	7.57		22.83		6.26
September 8, 2014		10:49	7.47		23.09		6.74
September 15, 2014		10:53	7.52		21.84		5.59
September 24, 2014	A	11:06	7.44		21.51		6.07
September 24, 2014	B	11:06	—	NA	—	NA	—
September 30, 2014		11:03	7.47		20.99		5.52
October 7, 2014		11:02	7.49		19.18		7.29
November 17, 2014		10:55	7.53		10.35		9.29
December 2, 2014		10:49	7.59		7.58		10.18

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	97.6	17.4	4	16
	93.9	13.9	3	14
[redacted]				
	95.4	20.2	2	20
	91.8	16.1	3	19
	97.7	16.6	4	14
	72.6	18.2	4	15
	76.4	17.8	5	12
	—	—	4	19
	70.0	—	6	15
	93.1	—	6	16
	—	—	9	16
	—	—	5	22
	36.0	—	3	12
	34.0	—	7	40
	64.7	—	2	19
	60.6	17.68	5	18
	96.7	16.85	3	12
	67.4	18.63	5	71
	66.2	15.26	4	12
	74.0	18.90	4.5	17
	71.3	16.97	3	20
	77.7	12.46	4	22
	77.8	11.33	2	18
	76.4	19.84	5	14
	74.1	18.3	4	19
	78.8	18.3	4	16
	75.4	19.47	4	18
	85.9	14.83	3	18
[redacted]				
	97.4	17.44	7	7
	120.6	18.0	—	12
	144.7	9.80	4	12
	99.5	19.13	5	22
	110.8	17.35	3	23
	102.6	21.61	3	13
	82.3	22.90	3.5	29
	82.7	26.34	—	34
	76.3	20.81	5	20
	101.6	22.79	6	30
	75.5	24.14	5	19
	84.5	24.21	5	18
	66.7	25.45	3	18
	77.2	23.08	3	20
	98.1	23.84	3.5	22
	—	—	—	16

64.1	23.60	2.5	21
67.1	26.47	3	42
—	—	—	6
—	—	—	14
67.5	27.65	—	39
75.1	25.64	4	35
93.2	9.07	2	9
97.5	16.17	—	12
109.3	16.92	3	12
[redacted]			
131.2	15.08	4	16
121.4	20.73	2	23
116.4	21.63	3	19
97.0	20.92	6	19
124.4	17.98	4	20
125.6	17.78	4	16
89.7	22.86	3	24
76.6	20.11	4	16
126.8	21.76	4	22
98.0	24.72	5	18
84.7	19.94	—	18
78.5	20.60	—	20
81.7	20.63	—	18
100.6	22.69	—	21
76.0	23.92	4	54
66.4	23.86	3	42
67.2	21.38	4	15
69.8	24.08	5	18
109.1	18.85	4	15
83.5	22.59	5	20
82.1	22.60	3	14
79.9	12.07	5	8
93.3	20.50	4	22
[redacted]			
92.3	14.80	3	13
87.4	20.43	3.5	22
118.2	25.99	3	26
150.1	20.67	3	22
98.6	20.88	4	17
115.4	16.24	4	14
93.2	15.54	5	15
72.5	22.16	5	37
80.7	22.73	5	22
84.7	25.30	7	26
72.8	25.14	8	31
76.5	21.97	6	22
85.8	21.39	4	20
[redacted]			
97.6	22.35	—	37

	—		—		—		30	
	—		—		—		28	
	97.2		8.21		4		20	
	105.4		16.32		5		25	
	89.8		17.53		5		40	
	78.1		23.74		6		22	
	82.6		24.15		5		17	
	80.2		24.18		8		16	
	81.6		25.02		7		17	
	60.7		24.72		6		17	
	65.7		23.84		4		6	
	69.8		22.05		6		17	
	72.0		23.98		5		20	
	75.2		24.71		8		12	
	78.7		15.28		—		14	
	72.1		22.61		5		20	
	82.2		23.66		5		12	
	62.2		26.76		6		27	
	68.6		20.30		5		18	
	72.5		21.35		5		21	
	75.3		21.31		3		22	J-QC/FLD/RPO
	79.5		22.76		5		18	
	128.1		22.12		5		7	
	114.6		19.21		5		10	
NAPEFAI/EQF	—	NAPEFAI/EQF	18.37		4		14	
NAPEFAI/EQF	—	NAPEFAI/EQF	18.75		4		36	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	19.59		4		40	
	76.1		15.48		1		21	
	67.4		14.50		4		13	J-QC/FLD/RPO
	76.3		19.78		5		16	
	87.8		22.26		6		15	J-QC/FFD/RPO
	73.8		23.51		4		26	J-QC/FFD/RPO
	66.9		19.83		4		12	
	65.2		16.85		6		10	
	70.5		19.91		6		8	
NAPEFAI/EQF	—	NAPEFAI/EQF	23.11		5		16	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.62		5		17	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.43		6		14	J-QC/FFB/FFDRPO
NAPEFAI/EQF	—	NAPEFAI/EQF	22.65		6		15	
	—		—		—		16	
NAPEFAI/EQF	—	NAPEFAI/EQF	24.03		6		14	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.71		10		16	
	130.3		23.48		4		16	J-QC/FFD/RPO
	82.0		24.51		>10	L	28	
	91.8		21.78		6		15	J-QC/FFD/RPO
	107.8		9.63		2		29	J-QC/FFD/RPO
	100.7		18.31		5		26	
NA	—	NA	—	NA	—	NA	28	

	99.8		15.47		3		33	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	36	J-QC/FLD/RPO
	87.3		20.47		2		36	
	81.8		18.90		3		40	
NA	—	NA	—	NA	—	NA	36	
	84.3		20.80		3		17	
NA	—	NA	—	NA	—	NA	18	
	78.4		22.65		3		17	
	75.2		22.39		3		50	
NA	—	NA	—	NA	—	NA	46	
	60.4		17.17		3		35	
	107.4		22.98		—	NAP	42	
	69.4		23.21		3		62	
	73.3		22.93		2		50	
NA	—	NA	—	NA	—	NA	42	
	78.3		22.55		4		56	
	71.3		24.49		5		42	
NA	—	NA	—	NA	—	NA	54	
	66.9		25.07		3		42	
	58.6		24.98		4		13	J-QC/FFB
NA	—	NA	—	NA	—	NA	14	J-QC/FFB
	61.2		20.10		6		31	J-QC/FLD/RPO
	93.3		22.64		5		54	
NA	—	NA	—	NA	—	NA	45	
	87.0		24.73		4		61	
	81.1		23.89		4		49	J-QC/FFD/RPO
	84.5		22.82		6		14	
NA	—	NA	—	NA	—	NA	16	
	89.8		18.33		5		62	
NA	—	NA	—	NA	—	NA	56	
	94.6		20.19		5		58	J-QC/FFB
	92.4		17.60		4		19	
[redacted]								
	98.2		23.25		4		20	
	115.1		21.28		3		15	J-QC/FLD/RPO
	104.1		4.02		3		20	
NA	—	NA	—	NA	—	NA	23	
	110.6		19.58		5		12	
	88.2		13.86		4		30	
	96.2		17.37		3		48	
	87.9		8.23		2		24	
	84.2		10.21		3		32	J-QC/FLD/RPO
	85.1		16.39		5		35	
	92.0		19.81		3		16	
	82.4		18.08		4		18	J-QC/FFD/RPO
	77.9		17.78		5		37	
	79.2		19.37		3		16	
	83.8		18.44		3		20	
NA	—	NA	—	NA	—	NA	17	
	68.1		21.52		3		18	

NA	—	NA	—	NA	—	NA	18	
	65.7		23.18		5		70	
	78.0		23.11		5		48	J-QC/FFB
	69.6		14.23		4		10	
	72.4		4.85		4		16	
NA	—	NA	—	NA	—	NA	15	
	80.7		12.49		5		26	
	61.5		17.38		4		40	
NA	—	NA	—	NA	—	NA	47	
	72.7		18.07		2		24	J-QC/FFD/RPO
	91.8		15.56		6		40	
NA	—	NA	—	NA	—	NA	34	
	85.5		13.03		3		12	J-QC/FFB
NA	—	NA	—	NA	—	NA	12	J-QC/FFB
[redacted]								
	96.4		12.12		3		26	
	92.8		22.43		4		49	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	56	J-QC/FLD/RPO
	105.5		23.93		3		60	J-QC/FFD/RPO
	88.4		13.30		3		40	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	56	J-QC/FFD/RPO
	75.2		21.28		3		59	
	73.6		21.13		2		58	
NA	—	NA	—	NA	—	NA	59	
	53.5		11.16		1		40	
	57.8		27.65		1		54	
NA	—	NA	—	NA	—	NA	52	
	66.0		21.90		5		16	
	51.6		21.38		2		45	
	50.7		20.91		9		16	J-QC/FFB/FFDFLDRPO
	49.2		21.49		5		11	J-QC/FLD/RPO
	48.3		22.70		8		32	J-QC/FFD/RPO
	60.5		23.49		5		68	
	63.7		21.92		4		79	
	64.7		24.42		5		28	
	68.9		24.35		6		62	J-QC/FFB
	70.6		23.24		4		26	
NA	—	NA	—	NA	—	NA	23	
	74.1		25.91		3		26	
NA	—	NA	—	NA	—	NA	24	
	76.6		25.47		3		68	
	83.4		25.46		—	NAP	66	
	92.9		27.42		4		54	
	90.3		24.15		4		28	
NA	—	NA	—	NA	—	NA	30	
[redacted]								
	98.6	[redacted]	25.32		4		54	
	108.0	[redacted]	22.95		4		44	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	—	NRP
	101.8	[redacted]	21.97		4		19	

	102.9	[redacted]	5.88		4		45	
	86.0		21.35		4		18	J-QC/FFB
NA	—	NA	—	NA	—	NA	22	J-QC/FFB
	65.4		13.51		2		50	
	80.4		21.57		4		42	
	77.5		22.83		4		46	J-QC
	82.5		17.29		4		15	J-QC/FFB/FFDFLDRPO
NA	—	NA	—	NA	—	NA	39	J-QC/FFB/FFDFLDRPO
	55.8		19.36		5		62	
	77.8		11.34		5		8	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	9	J-QC/FLD/RPO
	72.4		16.67		5		74	
	79.1		20.16		2		50	
	75.2		23.50		3.5		40	
NA	—	NA	—	NA	—	NA	36	
	61.8		21.94		5		42	
	64.2		19.71		1		42	
NA	—	NA	—	NA	—	NA	55	
	75.6		23.40		4		50	J-QC/FFB
	23.1		19.31		2		43	
	66.2		26.31		4		56	
NA	—	NA	—	NA	—	NA	48	
	80.4		22.68		6		52	
	73.6		24.08		5		56	
	74.4		25.28		3		42	J-QC
	79.6		27.19		4		66	
NA	—	NA	—	NA	—	NA	72	
	83.8		25.73		6		20	J-QC/FLD/RPO
	90.5		28.17		3		56	
NA	—	NA	—	NA	—	NA	46	
	89.4		25.43		4		56	
[redacted]								
	91.7		14.98		3		47	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	30	J-QC/FFD/FLDRPO
	106.0		23.92		1		56	J-QC
	93.8		23.71		4		44	J-QC
NA	—	NA	—	NA	—	NA	44	J-QC
	97.2		9.76		2		18	
	133.9		4.44		3		22	
	82.3		16.54		4		28	
NA	—	NA	—	NA	—	NA	28	
	97.8		17.50		2		43	
	79.2		20.32		1		27	
	74.3		18.82		2		30	
	74.7		19.15		2		28	
NA	—	NA	—	NA	—	NA	27	
	100.6		21.65		3		33	
	85.4		21.87		4		46	J-QC/FLD/RPO
	89.2		21.73		4		27	
NA	—	NA	—	NA	—	NA	34	

	79.8		24.02		2		34	
	76.9		22.38		2		38	
	86.4		23.51		7		38	
NA	—	NA	—	NA	—	NA	33	
	75.1		25.14		2		34	J-QC
	80.2		22.20		3		28	
	84.8		26.41		10		40	J-QC/FLD/RPO
	90.1		23.38		3		30	
	74.2		25.16		3		38	
	79.5		25.04		6		42	
NA	—	NA	—	NA	—	NA	34	
	71.9		26.07		3		46	
	92.9		27.70		4		38	
	96.2		23.44		1		37	
	97.1		21.06		3		41	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.27	<2	0.18	0.059
0.98	3	0.12	0.034
[redacted]			
1.10	2	0.50	0.035
0.49	2	0.51	0.033
1.01	2	0.97	0.044
2.28	2	1.08	0.083
1.27	2	<0.19	0.070
1.14	2	0.32	0.083
0.81	<2	0.42	0.078
1.15	2	<0.19	0.043
2.44	<2	<0.19	0.046
1.34	<2	1.10	0.057
2.58	5	<0.19	0.062
2.43	<2	<0.19	0.076
1.46	4	<0.19	0.081
1.31	5	0.34	0.089
2.12	2	<0.19	0.082
1.65	<2	0.41	0.084
2.62	4	<0.19	0.073
1.45	<2	<0.19	0.065
1.53	<2	0.24	0.131
1.18	<2	<0.19	0.101
1.19	2	0.29	0.079
1.20	<2	<0.19	0.056
0.80	<2	<0.19	0.069
1.74	5	<0.19	0.083
0.82	9	<0.19	0.079
2.40	8	0.30	0.070
[redacted]			
1.04	8	<0.19	0.030
0.99	12	<0.19	0.033
<1.00	<2	<0.19	0.029
1.03	4	<0.19	0.055
1.62	—	0.23	0.053
0.77	<2	<0.19	0.050
1.81	5	<0.27	0.064
0.92	9	<0.27	0.078
1.96	5	0.45	0.088
0.88	<2	<0.27	0.085
1.44	<2	<0.27	0.079
1.18	<2	<0.27	0.073
1.54	<2	<0.27	0.075
1.48	<2	<0.27	0.072
1.41	4	<0.27	0.063
1.38	<2	<0.27	0.054

1.40	<2	<0.27	0.037
1.17	<2	<0.27	0.079
1.93	<2	<0.27	0.119
0.67	<2	<0.27	0.103
1.12	<2	<0.27	0.105
2.03	<2	<0.27	0.140
1.51	6	<0.27	0.083
1.01	<2	<0.27	0.060
1.60	3	<0.27	0.040
1.40	5	<0.27	0.04
1.91	4	<0.27	0.024
1.78	4	<0.27	0.042
0.31	6	<0.295	0.052
1.94	7	<0.295	0.068
1.60	<2	<0.295	0.074
1.29	—	<0.295	0.062
1.82	<2	<0.295	0.057
1.02	<2	<0.295	0.057
1.46	<2	<0.295	0.064
0.86	—	<0.295	0.038
0.85	—	<0.295	0.050
<0.30	<2	<0.295	0.058
2.10	—	<0.295	0.066
2.08	3	<0.295	0.045
2.15	—	<0.295	0.092
1.02	—	<0.295	0.094
0.87	—	<0.295	0.110
<1.00	—	<0.295	0.097
1.06	<2	<0.295	0.082
<1.00	10	<0.295	0.072
1.05	—	<0.295	0.055
0.78	<2	<0.295	0.044
0.87	<2	<0.295	0.053
0.77	<2	<0.295	0.036
1.53	<2	0.976	0.037
2.11	—	<0.295	0.047
1.10	<2	0.518	0.035
0.97	<2	0.402	0.051
1.51	<2	0.620	0.026
0.62	—	0.411	0.087
1.26	—	0.791	0.094
<0.30	<2	0.744	0.124
0.45	<2	0.638	0.119
<0.30	<2	0.608	0.182
<0.30	<2	0.716	0.079
<0.30	<2	0.797	0.034

0.52		<2		0.327		0.021
0.59		<2		0.327		0.022
2.13		<2		0.502		0.020
0.98		<2		0.616		0.033
<0.30		<2		0.510		0.043
<0.30		<2		0.651		0.053
<0.30		<2		0.429		0.062
<0.30		<2		0.262		0.063
<0.30		<2		0.487		0.058
0.54		<2		0.442		0.060
<0.30		<2		0.749		0.067
1.59		<2		0.329		0.057
0.32		<2		0.587		0.061
<0.30		<2		0.402		0.065
1.06		<2		0.325		0.063
0.61		<2		0.489		0.092
1.35		<2		0.733		0.088
0.36		<2		0.450		0.104
<0.30		<2		0.752		0.072
<0.30		<2		0.201		0.081
0.47	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.749	J-QC/FSL	0.041
0.50	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.596	J-QC/FSL/FMS	0.034
1.01	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.632		0.039
2.68	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.783		0.038
1.86	BJ-QC/FBK/FFBFLS	<2	K	0.574		0.057
0.91	BJ-QC/FBK/FFBFLS	<2	K	0.517	J-QC/FMS	0.080
2.94	J-QC/FLS	<2	K	0.564	J-QC/FMS	0.076
1.01	J-QC/FFD/RPOFLS	<2	KJ-QC/FLS	0.668		0.067
1.86	BJ-QC/FBK/FFB	<2	K	0.371		0.067
1.02	BJ-QC/FBK/FFBFFDRPO	<2	K	0.259		0.048
0.89	BJ-QC/FBK/FFDRPO	<2	KJ-QC/FLS	0.081		0.038
0.38	J-QC/FFB/FFDRPO	3		0.295		0.051
0.93	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.214		0.055
0.67	J-QC/FLD/RPOFLS	<2	KJ-QC/FLS	0.417		0.056
<0.30	KBJ-QC/FBK/FFDFLDRPOFLS	<2	K	0.188		0.048
0.60	BJ-QC/FBK/FFBFFDRPOFLS	—	NAP	0.295	J-QC/FMS	0.045
0.46	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.366		0.055
<0.30	KBJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.509		0.046
2.30	BJ-QC/FBK/FFBFLS	2	J-QC/FLS	0.997		0.095
2.10	BJ-QC/FBK/FFBFLS	2	J-QC/FLS	1.01		0.096
0.58	BJ-QCJ-HT/FBK/FFDRPOFLSEHT	<2	K	0.331		0.058
1.06	J-QC/FFD/RPOFLS	<2	KJ-QC/FFB	0.509		0.075
<1.00	KJ-QC/FLS	4	J-QC/FLS	0.203	J-QC/FMS	0.050
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.351		0.075
0.55	BJ-QC/FBK/FFBFLS	<2	K	0.234		0.066
1.62	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.364		0.0212
0.54	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FFB	0.277		0.0237
0.84	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FFB	0.257		0.0230

1.29	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.362		0.0509
1.37	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.317		0.0499
0.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.659		0.0566
0.68	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.468		0.0609
0.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.468		0.0640
0.71	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	1.78	J-QC/FFD/RPO	0.0721
—	NAPQNS	3	J-QC/FLS	0.981	J-QC/FFD/RPO	0.0679
2.07	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.438		0.0526
0.68	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	1.94		0.0650
0.71	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	1.93		0.0634
2.73	BJ-QC/FBK/FFB	6	J-QC/FLS	0.397		0.0625
0.64	BJ-QC/FBK/FFBFLS	<2	K	0.684		0.0617
0.87	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.644	J-QC/FMS	0.0459
0.60	BJ-QC/FBK/FFBFLS	<2	K	0.347		0.0563
0.57	BJ-QC/FBK/FFBFLS	<2	K	0.367		0.0575
0.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	1.043		0.0662
0.54	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.514		0.0546
0.57	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.498		0.0554
0.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.708		0.0631
0.56	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.556		0.0745
1.47	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.582		0.0737
0.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.550		0.0659
0.58	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.299		0.0776
0.48	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.288		0.0750
0.50	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.173		0.0524
0.66	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.556		0.0723
0.69	BJ-QC/FBK/FFBFLS	<2	K	1.28		0.1042
0.72	BJ-QC/FBK/FFBFLS	<2	K	1.30		0.1007
1.12	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.377		0.0893
0.85	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.367		0.0899
0.75	BJ-QC/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.226		0.0361
1.68	BJ-QC/FBK/FFB	<2	K	0.312		0.0466
[redacted]						
0.58	BJ-QC/FBK/FFBFLS	<2	K	0.684		0.0440
0.43	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.388		0.0374
1.75	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.220		0.0174
1.67	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.209		0.0174
0.71	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.262	J-QC/FMS	0.0249
1.99	BJ-QC/FBK/FFBFLS	<2	K	0.468		0.0258
0.55	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.191		0.0297
0.51	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB/FFDRPOFLS	0.321		0.0439
1.59	BJ-QC/FBK/FFBFLS	<2	K	0.289		0.0529
0.98	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.250		0.0322
0.65	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.212		0.0359
1.32	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.430		0.0550
0.68	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.370	J-QC/FMS	0.0411
0.76	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.144	J-QC/FFD/RPO	0.0436
0.70	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.442		0.0603
1.32	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.416		0.0592
0.58	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FLS	0.370		0.0365

0.52	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.452		0.0359
0.37	BJ-QC/FBK/FFBFLS	2	J-QC/FLS	1.023		0.0476
0.68	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.577	J-QC/FFB	0.0504
1.51	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.131	J-QC/FFD/RPO	0.0497
2.21	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.664		0.0612
2.11	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.675		0.0603
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.262		0.0525
0.97	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.874		0.0569
1.54	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.895		0.0566
1.00	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.437		0.0347
2.21	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.113	J-QC/FFB	0.0459
0.66	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.123	J-QC/FFB	0.0457
1.56	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.288		0.0553
1.39	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.303		0.0579
2.31	BJ-QC/FBK/FFB	3	J-QC/FLS	0.842		0.0433
0.72	BJ-QC/FBK/FFB	3	J-QC/FFD/RPOFLS	1.099	J-QC/FMS	0.0353
0.65	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPOFLS	1.078	J-QC/FMS	0.0329
0.95	BJ-QC/FBK/FFB	<2	K	0.760	J-QC/FSL/FMS	0.0328
0.61	BJ-QC/FBK/FFB	<2	K	1.140		0.0541
0.67	BJ-QC/FBK/FFB	<2	K	1.119		0.0532
<0.30	KBJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.654		0.0602
0.54	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.690	J-QC/FMS	0.0649
0.88	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.701	J-QC/FMS	0.0649
0.56	BJ-QC/FBK/FFB	<2	K	0.350		0.0594
1.94	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.617		0.0555
1.95	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.643		0.0550
0.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.539	J-QC/FMS	0.0474
0.66	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.282		0.0548
0.46	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.471	J-QC/FMS	0.0485
0.51	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.267	J-QC/FMS	0.0409
0.63	BJ-QC/FBK/FFBFLS	3	J-QC/FFB/FFDRPO	0.470	J-QC/FMS	0.0446
0.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.935	J-QC/FMS	0.0674
0.36	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.512		0.0557
0.41	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.444		0.0649
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	3		0.713		0.1603
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.243	J-QC/FMS	0.1724
0.42	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.243	J-QC/FMS	0.1553
0.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.623		0.1568
0.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.644		0.1566
0.41	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.433		0.1322
0.53	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.680		0.0915
—	NA	—	NRP	0.300	J-QC/FMS	0.0578
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.577	J-QC/FLD/RPOFMS	0.0607
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.582	J-QC/FLD/RPOFMS	0.0609
—	NA	<2	KJ-QC/FMS	0.244	J/LLS	0.0377
—	NA	<2	KJ-QC/FMS	0.399	J-QC/LLS	0.0297
—	NA	—	NRP	—	NRP	—
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.907	J-QC/FSL/FMS	0.0382

—	NA	<2	KJ-QC/FMS	0.348	J/LLS	0.0272
—	NA	<2	KJ-QC/FMS	0.630		0.0423
—	NA	<2	KJ-QC/FMS	0.607		0.0437
—	NA	<2	KJ-QC/FMS	0.732	J-QC/FMS	0.0664
0.59	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.698	J-QC/FMS	0.0678
1.16	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.397	J-QC/LLS	0.0585
1.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.488	J-QC/FSL/FMS	0.0696
1.75	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.522	J-QC/FSL/FMS	0.0696
1.97	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.664	J-QC/FSL/FMS	0.0582
1.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.312	J/LLS	0.0394
1.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.301	J/LLS	0.0404
0.64	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.235	J-QC/LLS/FMS	0.0321
1.24	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.272	J-QC/LLS/FMS	0.0375
0.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.687		0.0363
0.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.651		0.0371
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	0.392	J/LLS	0.0462
0.39	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0477
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0479
1.10	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.778		0.0495
0.92	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.464	J-QC/FMS	0.0436
0.55	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.518		0.0559
1.27	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.555		0.0556
0.47	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.386	J/LLS	0.0473
<0.30	KBJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-HT/EHT	1.139		0.0664
0.32	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.482		0.0551
0.32	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.663		0.0667
0.38	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.663		0.0665
0.41	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.344	J/LLS	0.0653
0.61	BJ-QC/FBK/FFBFLS	<2	K	0.789		0.0678
0.56	BJ-QC/FBK/FFBFLS	<2	K	0.751		0.0682
0.44	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.468	J-QC/FFD/RPO	0.0576
[redacted]						
1.67	BJ-QC/FBK/FFBFMS	<2	K	0.424	J-QC/FFB	0.0315
1.47	BJ-QC/FBK/FFBFMS	<2	K	0.375	J-QC/LLS/FFB	0.0320
1.96	BJ-QCJ-HT/FBK/FFBFMS	<2	K	1.152		0.0423
0.69	BJ-QC/FBK/FFBFMS	<2	K	0.472		0.0360
0.39	BJ-QC/FBK/FFBFMS	<2	K	0.461		0.0360
1.72	BJ-QC/FBK/FFB	<2	K	0.170	J-QC/LLS/FFB	0.0324
1.98	BJ-QC/FBK/FFB	3	J-QC	0.420	J-QC/FFB	0.0325
1.01	BJ-QC/FBK/FFBFMS	<2	K	0.159	J/LLS	0.0274
0.85	BJ-QC/FBK/FFBFMS	<2	K	0.182	J/LLS	0.0290
0.68	BJ-QC/FBK/FFB	<2	K	0.233	J/LLS	0.0399
1.90	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.739		0.0507
0.74	BJ-QC/FBK/FFBFMS	<2	K	0.420	J-QC/FFB	0.0480
0.56	BJ-QC/FBK/FFBFMS	<2	K	0.452		0.0495
0.60	BJ-QC/FBK/FFBFMS	<2	K	0.507		0.0491
0.75	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	—	NRP/LBF	0.0397
0.74	BJ-QCJ-HT/FBK/FFBFMS	<2	K	1.226	J-QC/FFB	0.0407
0.92	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0381
0.73	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0380

0.87	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.362	J-QC/LLS/FSL	0.0410
0.33	BJ-QC/FBK/FFBFMS	<2	K	0.067	J-QC/LLS/FFDRPO	0.0402
0.63	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	<0.0267	KJ-QC/FFD/RPO	0.0481
0.75	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	0.373	J-QC/LLS/FFDRPO	0.0480
0.61	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	1.193	I-QC/FLD/RPOFSLFMS	0.0666
0.62	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.151	J/LLS	0.0479
0.57	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.619	J-QC/FFD/RPO	0.0541
0.47	BJ-QC/FBK/FFBFMS	<2	K	0.435		0.0590
0.60	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.412		0.0614
0.74	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.503		0.0951
0.80	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.515		0.0959
0.62	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.526	J-QC/FSL	0.0814
0.66	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.628	J-QC/FMS	0.0901
0.54	BJ-QC/FBK/FFBFMS	6	J-QC	0.306	J/LLS	0.0670
0.61	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.481		0.0510

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.66	0.211	0.18	0.38
	0.67	0.210	0.09	0.47
	0.83	0.143	0.21	4.38
	0.62	0.156	0.14	4.0
	0.63	0.138	0.14	3.8
	0.56	0.231	0.22	1.4
	0.74	0.141	0.14	2.2
	0.65	0.172	0.19	1.2
	0.78	0.197	0.18	3.2
	0.55	0.119	0.13	5.4
	2.98	0.145	0.18	4.6
	0.52	0.372	0.40	2.8
	0.57	0.233	0.22	2.4
	0.49	0.223	0.22	1.47
	0.86	0.234	0.27	1.26
	0.56	0.218	0.25	2.24
	0.98	0.169	0.14	15.4
	0.79	0.209	0.23	1.63
	1.29	0.242	0.22	7.51
	1.00	0.203	0.19	5.08
	0.71	0.281	0.33	2.45
	0.75	0.235	0.26	4.50
	0.67	0.233	0.35	6.49
	0.52	0.217	0.18	2.24
	0.65	0.191	0.10	0.81
	0.70	0.193	0.20	1.02
	0.90	0.263	0.16	0.72
	0.85	0.232	0.21	0.94
	0.56	0.105	0.10	2.12
	0.71	0.086	0.06	49.91
	0.59	0.083	0.18	4.20
	0.75	0.144	0.12	1.20
	0.77	0.193	0.17	4.17
	0.44	0.131	0.11	3.76
	0.85	0.174	0.17	—
	0.84	0.173	0.14	—
	0.80	0.173	0.21	—
	0.98	0.131	0.13	—
	0.58	0.194	0.20	—
	0.48	0.174	0.17	—
	0.66	0.245	0.23	—
	0.63	0.199	0.24	—
	0.79	0.217	0.22	—
	0.34	0.247	0.26	—

0.51	0.256	0.26	—
0.49	0.261	0.25	—
0.55	0.185	0.23	—
0.67	0.214	0.20	—
0.64	0.218	0.25	—
0.76	0.310	0.30	—
0.89	0.177	0.21	—
0.53	0.138	0.17	—
0.76	0.140	0.17	—
0.77	0.15	0.13	—
0.44	0.109	0.18	—
0.40	0.148	0.11	—
0.68	0.098	0.13	—
0.75	0.091	0.17	—
0.61	0.161	0.14	—
0.62	0.132	—	—
0.55	0.142	0.19	—
0.53	0.107	0.14	—
0.67	0.169	0.20	—
0.43	0.129	—	—
0.34	0.153	—	—
0.63	0.163	0.16	—
0.45	0.162	—	—
0.51	0.193	0.15	—
0.53	0.241	0.25	—
0.77	0.180	0.21	—
0.64	0.190	0.19	—
0.83	0.174	0.16	—
0.61	0.165	0.15	—
0.49	0.181	0.19	—
0.63	0.133	0.11	—
0.85	0.126	0.12	—
1.24	0.119	0.05	1.9
0.582	0.085	0.17	1.0
0.559	0.179	0.16	3.0
0.810	0.212	0.21	3.8
0.529	0.133	0.10	8.4
1.05	0.142	0.12	325.2
0.359	0.104	0.10	17.5
0.712	0.291	0.20	6.6
0.988	0.261	—	6.7
1.08	0.244	0.20	7.0
0.995	0.33	0.24	5.6
0.984	0.28	0.24	<3.0
0.728	0.22	0.20	<3.0
0.648	0.14	0.10	<1.1

	—		0.09		0.12	<1.1
	—		0.07		0.05	<1.1
	0.590		0.11		0.21	1.2
	1.30		0.15		0.13	3.2
	0.526		0.16		0.14	6.2
	0.510		0.17		0.16	<2.4
	0.922		0.17		0.13	<2.4
	0.484		0.17		0.18	10.2
	1.40		0.17		0.17	15.5
	0.998		0.22		0.20	3.7
	1.13		0.24		0.24	9.4
	0.562		0.18		0.21	7.7
	0.786		0.24		0.18	4.7
	0.500		0.15		0.17	10.1
	0.533		0.21		0.20	<2.4
	0.504		0.20		0.19	6.4
	1.39		0.15		0.13	5.2
	1.73		0.17		0.16	<2.4
	0.753		0.16		0.15	<2.4
	1.12		0.14		0.13	<2.4
[redacted]						
	0.755	J-QC/FFD/RPO	0.10	J-QC/FFB	0.10	18.7
J-QC/FFB	0.563		0.08		0.10	3.0
J-QC/FFB	0.862	J-QC/FLS	0.09		0.09	4.5
	0.595		0.22		0.21	9.3
	0.561	J-QC/FFD/RPO	0.19		0.15	8.8
J-QC/FFB	0.722		0.13		0.12	<0.4
	0.671		0.22		0.18	3.5
	0.553		0.15	J-QC/FFD/RPO	0.14	0.6
	1.00		0.13		0.13	0.6
	0.444		0.12		0.13	1.7
	0.811	J-QC/FFB	0.13		0.12	6.7
	0.446	J-QC/FFB	0.16		0.14	5.7
	0.477	J-QC/FFB	0.16		0.17	3.8
	0.672		0.19		0.17	2.0
	0.500		0.23	J-QC/FFB	0.15	2.3
	0.420		0.18		0.17	3.3
	0.675		0.19	J-QC/FFD/RPO	0.17	2.4
J-QC/FFB	0.372		0.19		0.18	2.0
	0.780	J-QC/FFB	0.24		0.22	3.5
	0.861	J-QC/FFB	0.23		0.21	3.6
	0.504	J-QC/FFB	0.27	J-QC/FFB	0.17	1.8
	0.995	J-QC/FFB	0.19		0.18	3.5
J-QC/FFB	0.716		0.18		0.15	3.4
	0.716		0.17		0.14	3.3
	0.736		0.14		0.12	1.3
[redacted]						
	0.471		0.08		0.09	14.3
	0.307		0.08		0.06	2.7
	0.309		0.08		0.06	5.1

	0.567		0.12	J-QC/FLD/RPO	0.10		2.8
	0.586		0.11	J-QC/FLD/RPO	0.10		2.3
	0.676		0.16		0.14		3.3
	1.55		0.16		0.08	J-QC/FLS	<1.3
	1.53		0.15		0.08	J-QC/FLS	<1.3
J-QC/FFB	0.446		0.43	J-QC/FFB/FFDRPO	0.39	J-QC/FFD/RPO	3.7
J-QC/FFB	0.456		0.30	J-QC/FFB/FFDRPO	0.27	J-QC/FFD/RPO	3.9
	0.413		0.22		0.18		5.6
	0.339		0.20		0.18		3.7
	0.371		0.19		0.18		3.0
	0.731		0.22		0.18		13.7
	0.392		0.15		0.12		8.8
	0.273		0.22		0.16		6.2
	0.428		0.23		0.20		8.3
	0.384		0.22		0.19		9.2
	0.580		0.29		0.25	J-QC/FLD/RPOFLS	6.6
	0.298		0.19	J-QC/FLD/RPOFLS	0.17		4.1
	0.302		0.17	J-QC/FLD/RPOFLS	0.16		4.0
	0.352		0.26		0.22		2.4
	0.389		0.28		0.25		4.9
	0.378		0.26		0.23		4.9
	0.724		0.27		0.23		2.9
	0.644		0.20		0.16		5.5
	0.664		0.20		0.17		5.4
	0.578		0.17		0.15		5.9
	0.349		0.22		0.19		3.1
	0.554		0.32	J-QC/FLS	0.26		3.2
	0.527		0.32	J-QC/FLS	0.26		2.3
	0.758		0.24		0.20		3.4
	0.749		0.26		0.20		3.4
	0.489		0.12		0.12		2.7
	0.800		0.13		0.12		1.8
[redacted]							
	0.4400		0.14		0.12		2.4
J-QC/FFB	0.7030		0.10		0.07		16.1
	0.7301	J-QC/FFD/RPO	0.08		0.10		2.2
	0.4809	J-QC/FFD/RPO	0.10		0.09		1.3
J-QC/FFB	0.4515	J-QC/FFB/FFDRPOFLS	0.08		0.06		3.9
	0.3173		0.14		0.09		2.9
	0.3760		0.09		0.09		4.8
	0.5150		0.11		0.11		5.6
	0.6105	J-QC/FFB/FFDRPOFLS	0.13		0.11		1.4
	0.3818	J-QC/FLS	0.12		0.09		5.84
	0.9899		0.12		0.09		4.4
J-QC/FFB	0.4450		0.13		0.12		—
J-QC/FFB	1.0987	J-QC/FFB/FLS	—	A/LBF	0.10		4.1
J-QC/FFB	0.3800		0.12	J-QC/FLD/RPOFLS	0.10	J-QC/FLS	3.8
J-QC/FFB	0.3706		0.15	J-QC/FLD/RPO	0.12		7.8
J-QC/FFB	0.3732		0.14	J-QC/FLD/RPO	0.11		8.4
	0.1724	J-QC/FFB	0.16		0.14		8.5

	0.1864	J-QC/FFB	0.17		0.14		9.3
	0.3152		0.29		0.26		7.93
	0.4233		0.17		—	A/LBF	7.2
J-QC/FFB	0.6088		0.18		0.15		4.6
	0.3108		0.14		0.12		5.95
	0.3425		0.13		0.11		5.56
J-QC/FFB	0.3965		0.12		0.10		1.38
J-QC/FFB	0.5455		0.17		0.13		2.85
J-QC/FFB	0.5452		0.15		0.14		2.55
	0.5955		0.14		0.16	J-QC/FFD/RPO	1.47
J-QC/FFB	0.6551		0.11		0.08		1.07
J-QC/FFB	0.6509		0.11		0.08		1.07
J-QC/FFB	0.6422		0.10		0.10		12.3
J-QC/FFB	0.7020		0.12		0.09		15.1
[redacted]							
J-QC/FFB	0.6659		0.19		0.16		4.91
J-QC/FFB	0.4718		0.10		0.09		2.60
J-QC/FFB	0.6103		0.11		0.10		3.20
	0.7900		0.11		0.09		9.43
J-QC/FFB	0.6143		0.20		0.17		8.81
J-QC/FFB	0.6127		0.19		0.17		6.94
J-QC/FFB	0.4311		0.16		0.11		1.00
J-QC/FFB	0.7216		0.14		0.13		2.78
J-QC/FFB	0.7467		0.13		0.12		2.51
J-QC/FFB	0.6671	J-QC/FFB	—	C	0.09		1.49
J-QC/FFB	0.5084	J-QC/FLS	0.25		0.17		2.63
J-QC/FFB	0.6259	J-QC/FLS	0.23		0.16		2.22
J-QC/FFB	0.8357		0.18		0.14		2.20
J-QC/FFB	0.4645		0.14	J-QC/FFB	0.10		4.77
J-QC/FFB	0.5068		0.13		0.12		5.10
J-QC/FFB	0.5738	J-QC/FLS	0.12		0.11		4.66
	0.4194		0.17		0.16		5.55
	0.5516	J-QC/FFB	0.24		0.24		0.889
	0.6672		0.20		0.18		5.17
J-QC/FFB	0.4841	J-QC/FLS	0.18		0.18		3.32
	0.1076	J-QC/FLS	0.30	J-QC/FLS	0.27		3.24
	0.6333		0.17	J-QC/FLD/RPO	0.17		1.60
	0.7471		0.16	J-QC/FLD/RPO	0.16		3.46
	0.6106		0.21		0.21		0.921
	0.5936		0.21		0.20		1.93
	0.5963		0.19		0.18		2.01
	0.8510	J-HT/EHT	0.20		0.21		1.17
	0.5141	J-QCJ-HT/FLS/EHT	0.18		0.17		0.67
J-QC/FFB	0.8226		0.15		0.14		<0.234
J-QC/FFB	0.8267		0.15		0.14		<0.234
[redacted]							
J-QC/FFB	0.4099	J-QC/FFD/RPO	0.11	J-QC	0.09	J-QC/FFD/RPO	1.24
J-QC/FFB	0.5975	J-QC/FFB	0.10	J-QC	0.07	J-QC	0.798
NRP	—	NRP	—	NRP	—	NRP	—
[redacted]	0.4718		0.17		0.13	[redacted]	6.37

J-QC/FFB	0.8292	J-HT/EHT	0.07		0.06	[redacted]	12.5
J-QC/FFB	0.7411	J-QC/FFB/FFDRPO	0.11	J-QC	0.10	[redacted]	1.93
J-QC/FFB	0.5144	J-QC/FFB/FFDRPO	0.11	J-QC	0.10	[redacted]	1.15
I-QCJ-HT/FFB/EHT	0.7976	J-QCJ-HT/FFB/EHT	0.25	J-QC/FLD/RPOFMS	0.20	[redacted]	6.69
J-QC/FFB	0.3826		0.16		0.14	J-QC/FLD/RPO	1.77
J-QCJ-HT/EHT	0.5122	J-QC	0.15	J-QC	0.13	J-QC	1.40
[redacted]	0.4415		0.15	J-QC	0.15	J-QC	0.932
	0.4084		0.14	J-QC	0.15	J-QC	0.828
	0.3452		0.18	J-QC	0.17	J-QC	1.95
J-QC/FFB/FLS	1.0760	J-QC/FFD/RPOFLS	0.11		0.13	J-QC	3.51
J-QC/FFB/FLS	1.6389	J-QC/FFD/RPOFLS	0.09		0.12	J-QC	2.95
[redacted]	0.5734	J-QC/FLS	0.16	J-QC/FLD/RPOFSL	0.13	[redacted]	1.94
J-QC/FFB	0.5996		0.16		0.14		3.92
[redacted]	0.2792	J-QC/FFB/FLS	0.12	J-QC/FFD/RPO	0.11	J-QC/FLD/RPO	3.48
	0.3064	J-QC/FFB/FLS	0.17	J-QC/FFD/RPO	0.13	J-QC/FLD/RPO	3.51
J-QC/FFB/FLS	0.3567		0.16	J-QC	0.15	[redacted]	2.25
J-QC/FFB	0.5382		0.18	J-QC	0.15	J-QC	6.71
J-QC/FFB	0.4801		0.16	J-QC	0.15	J-QC	6.31
J-QC/FFB	0.5595		0.19	J-QC/FLD/RPO	0.19	[redacted]	7.80
J-QC/FFB	0.5045	J-QC/FFD/RPO	0.16		0.19	[redacted]	3.27
[redacted]	0.6171	J-QC/FFB	0.21	J-QC	0.18	J-QC	2.98
	0.5703	J-QC/FFB	0.19	J-QC	0.20	J-QC	2.36
J-QC/FFB	0.4921		0.17	J-QC/FMS	0.15	[redacted]	3.19
[redacted]	0.4015		0.18		0.18		5.30
	0.4907	J-QC/FFB	0.18		0.17		2.42
J-QC/FFB	0.4945	J-QC/FLS	0.20		0.18		2.07
J-QC/FFB	0.4806	J-QC/FLS	0.19		0.18		2.84
[redacted]	0.4809		0.18	J-QC/FFB	0.19	J-QC/FFD/RPO	1.75
	0.5555	J-QC/FFB	0.31	J-QC/FFD/RPO	0.14	[redacted]	1.69
	0.5352	J-QC/FFB	0.17	J-QC/FFD/RPO	0.14		1.58
J-QC/FFB	0.7934	J-HT/EHT	0.15	I-QC/FFB/FFDFLDRPC	0.13		3.68
[redacted]							
	0.5157		0.08		0.08		4.25
	0.5267		0.08		0.08		3.78
J-QC/FFB	0.4429		0.15		0.14		4.08
J-QC/FFB	0.4775		0.15		0.14		2.15
J-QC/FFB	0.4950		0.12		0.11		2.25
I-QC/FFB/FFDRPC	0.6055		0.07	J-QC/FFB/FLDRPO	0.06		1.95
J-QC/FFB	1.2271		0.18	J-QC/FMS	0.17		2.27
	0.3920		0.11	J-QC/FFB	0.08		5.21
	0.4245		0.10	J-QC/FFB	0.08		1.81
	0.4041		0.11		0.09		10.5
J-QC/FFB	0.4668		0.11		0.10		3.81
J-QC/FFB	0.4453	J-HT	0.11	J-QC/FMS	0.10		3.13
J-QC/FFB	0.6133		0.12	J-QC/FLD/RPO	0.12		3.30
J-QC/FFB	0.6292		0.11	J-QC/FLD/RPO	0.10		2.75
J-QC/FFB	0.4655		0.13		0.10		16.1
J-QC/FFB	0.3685		0.20	J-QC/FMS	0.19	J-QC/FFB	6.74
J-QC/FFB	0.3583	J-QC	0.14	-QC/FFB/FLDRPOFM	0.11		4.01
J-QC/FFB	0.3656	J-QC	0.13	-QC/FFB/FLDRPOFM	0.10		4.06

J-HT/EHT	0.3491		0.20	J-QC/FFB	0.17		2.72
J-QC/FFB	0.3487		0.15		0.14	J-QC/FMS	2.58
J-QCJ-HT/FFB	0.3499		0.14		0.12		2.88
J-QCJ-HT/FFB	0.3424		0.13		0.12		1.92
	0.4524		0.24	J-QC	0.23		9.25
J-QC/FFB	0.4202	J-HT	0.19		0.13	J-QC/FFB	16.8
	0.4770		0.20		0.18		8.75
J-QC/FFB	0.4483		0.20	J-QC/FMS	0.17		9.32
	0.3837		0.19	J-QC/FFB/FMS	0.15		2.63
	0.4713	J-QC	0.24		0.20		9.65
	0.4656	J-QC	0.22		0.19		9.73
J-QC/FFB	0.4667		0.20		0.17		8.06
J-QC/FFB	0.4399	J-QC	0.21		0.17		9.04
	0.7612		0.25	J-QC/FFB	0.17		2.95
J-QC/FFB	0.7105		0.17		0.14	J-QC	1.04

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	2.5	0.00	0.00
	4.1	0.00	0.36
[redacted]			
	4.3	0.00	0.00
	4.0	0.00	0.00
	6.0	0.00	0.05
	3.6	0.01	0.10
	1.9	0.29	0.47
	4.2	0.27	0.53
	1.0	0.00	0.00
	6.0	0.00	0.31
	1.4	0.00	0.00
	<0.5	0.00	0.00
	4.8	0.00	0.57
	9.0	0.00	0.00
	4.0	0.09	0.94
	2.2	0.00	0.02
	2.9	0.39	0.39
	3.9	0.00	0.00
	9.0	0.00	0.00
	4.4	0.00	0.10
	4.2	0.00	0.00
	5.6	0.00	0.00
	2.0	0.53	2.80
	2.7	0.04	0.04
	8.0	0.00	0.00
	5.6	0.78	0.78
	5.4	0.01	0.04
	4.7	0.00	0.66
[redacted]			
	4.3	0.00	0.01
	<0.5	0.00	0.01
	0.9	0.00	0.00
	0.6	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.05	0.05
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.66	0.66
	2.8	0.46	0.50
	2.0	0.95	1.78
	2.0	0.00	0.04
	1.9	0.00	0.00
	3.0	0.00	0.00

3.2	0.00	0.00	[redacted]
3.0	0.00	0.00	
2.0	0.00	0.00	
1.3	0.00	0.00	
2.5	0.00	0.00	
2.6	0.00	0.00	
3.3	0.03	0.03	
4.2	0.00	0.00	
11.5	0.00	0.00	
[redacted]			
6.1	0.04	0.04	
5.6	0.00	0.11	
2.9	0.00	0.00	
3.9	0.00	0.00	
5.6	0.00	0.00	
10.3	0.00	0.00	
—	0.22	0.22	
1.5	0.00	0.00	
1.7	0.00	0.00	
2.0	0.12	0.13	
—	0.00	0.00	
—	0.00	0.00	
6.8	0.00	0.00	
—	0.00	0.00	
5.5	0.00	0.00	
11.3	0.57	1.19	
4.3	0.02	0.37	
3.1	0.00	0.00	
4.2	0.00	0.00	
3.6	0.00	0.01	
13.3	0.01	1.12	
2.5	0.04	0.23	
1.8	0.20	0.20	
[redacted]			
2.1	0.00	0.00	
0.9	0.00	0.00	
2.7	0.24	0.26	
1.4	0.00	0.06	
1.9	0.00	0.25	
2.8	0.17	0.27	
1.4	0.00	0.32	
2.7	0.00	1.48	
1.5	0.00	0.00	
1.7	1.09	1.14	
5.7	0.00	0.00	
5.1	0.00	0.00	
5.5	0.01	1.37	
[redacted]			
2.0	0.01	0.01	

	3.7		0.00	0.00
	3.2		0.00	0.00
J-R	3.3		0.00	0.00
	3.7		0.00	0.00
	6.0		0.00	0.00
	4.6		0.12	0.98
	5.2		0.28	0.28
	4.6		0.00	0.00
	4.7		0.00	0.03
J-R	6.3		0.00	0.00
	5.1		0.18	0.18
	3.4		0.00	0.00
J-R	2.6		0.00	0.00
	3.4		0.00	0.00
	3.4		0.71	0.71
	2.7		0.00	0.00
	4.8		0.00	0.00
	2.7		0.01	0.01
	23.2		0.65	0.65
	3.9		0.00	0.12
[redacted]				
	4.3		0.00	1.25
J-R	4.2		0.00	0.00
J-R	5.6	J-QC/FFB	0.00	0.00
J-QCJ-HT/FFD/RPOEHT	4.9		0.32	0.32
J-QC/FFD/RPO	5.7		0.34	0.88
K	6.1		0.00	0.00
	8.8		0.43	0.68
J-RJ-QC/FFD/RPO	10.4	J-QC/FFD/RPO	2.01	2.01
J-R	—	NAPEFAI/EQF	0.00	0.00
J-R	4.5	J-QC/FFB	0.00	0.08
	4.7		0.00	0.00
	4.6	J-QC/FFB	1.44	1.44
	4.4		3.33	3.33
J-QC/FFB	1.9	J-QC/FFB/FSL	0.00	0.00
	5.6		0.04	0.04
	4.6		0.00	1.13
	4.6	J-QC/FFB	0.00	0.01
	4.8	J-QC/FFB	0.00	0.00
	4.7	J-QC/FFB	0.00	0.00
	4.4	J-QC/FFB	0.00	0.00
J-R	4.4	J-QC/FFB	0.00	0.00
	3.7	J-QC/FFB	0.04	0.04
	4.7	J-QC/FFB	0.00	0.17
	4.2	J-QC/FFB	0.00	0.00
J-R	5.6	J-QC/FFB	0.00	0.00
[redacted]				
	7.00	J-QC/FFB/FFDRPO	0.00	0.00
J-QC/FFD/RPO	4.04		0.00	0.00
J-QC/FFD/RPO	3.89		0.00	0.00

J-QC/FSL	4.66		0.00	0.00
J-RJ-QC/FSL	4.13		0.00	0.00
	3.90	J-QC/FFB	1.43	1.43
K	4.42		0.00	0.00
K	4.35		0.00	0.00
	4.45	J-QC/FFB	0.00	0.00
	4.12	J-QC/FFB	0.00	0.00
	5.64	J-QC/FFB	0.02	1.13
	3.95	J-QC/FFB	0.00	0.00
	3.98	J-QC/FFB	0.00	0.00
	7.45	J-QC/FFB	0.00	0.43
	3.90	J-QC/FFD/RPO	0.00	0.00
	3.30	J-QC/FFB	1.09	1.09
	3.63		0.00	0.00
	3.36		0.00	0.00
	3.60	J-QC/FFB	0.00	0.00
	3.10	J-QC/FFB	0.01	0.01
	2.70	J-QC/FFB	0.01	0.01
J-R	3.90	BJ-QC/FBK/FFB	0.00	0.00
	4.90	J-QC/FFB	0.00	0.00
	4.10	J-QC/FFB	0.00	0.00
	4.00	J-QC/FFB	0.71	0.73
	3.80	J-QC/FFB	0.00	0.00
	3.90	J-QC/FFB	0.00	0.00
	3.40	J-QC/FFB	0.00	0.00
	3.30	J-QC/FFB	0.09	0.09
J-QC/FFD/RPO	3.40	J-QC/FFB	0.16	1.21
J-RJ-QC/FFD/RPO	3.40	J-QC/FFB	0.16	1.21
	2.90		0.27	0.28
	2.70		0.27	0.28
	3.90		0.50	0.50
J-RJ-QC/FFD/RPO	4.30		0.00	0.00
[redacted]				
J-R	4.0		0.00	0.00
	4.4	J-QC/FFB	0.10	0.10
J-RJ-QC/FFD/RPO	4.7		0.00	0.00
J-RJ-QC/FFD/RPO	4.3		0.00	0.00
	2.7	J-QC/FFB	0.67	0.71
	3.5	BJ-QC/FBK/FFB	0.57	0.57
	2.8	J-QC/FFB	0.00	0.00
	3.1	J-QC/FFD/RPO	2.39	3.03
J-R	4.1	BJ-QC/FBK/FFDRPO	0.03	0.03
	3.0	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	2.7		0.12	0.12
NAPQNS	2.8	J-QC/FFB	0.08	0.08
	2.9	J-QC/FFB/FFDRPO	0.00	0.00
	2.8	J-QC/FFB	0.00	0.00
	3.8	J-QC/FFB	0.00	0.00
	3.7	J-QC/FFB	0.00	0.00
	3.6	J-QC/FFB	0.00	0.00

	4.4	J-QC/FFB	0.00	0.00
	3.4	J-QC/FFB	0.69	0.69
	3.7	J-QC/FFB	0.00	0.00
	3.9	J-QC/FFB	0.00	0.70
	5.2	J-QC/FFB	0.00	0.00
	5.1	J-QC/FFB	0.00	0.00
J-R	4.9	J-QC/FFB	0.00	0.00
	4.1	BJ-QC/FBK/FFB	0.07	0.07
	4.1	BJ-QC/FBK/FFB	0.07	0.07
J-R	3.6		0.00	0.00
J-R	3.0		0.00	0.00
J-R	3.1		0.00	0.00
	4.8		0.00	0.00
	4.3		0.00	0.00
[redacted]				
	4.8		1.48	1.62
	2.7	J-QC/FFB	0.01	0.03
	3.0	J-QC/FFB	0.01	0.03
J-QC/FSL	3.7	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	2.0	J-QC/FFB	0.30	2.82
J-QC/FSL	1.9	J-QC/FFB	0.30	2.82
	2.6	J-QC/FFB	0.91	1.11
	2.3	J-QC/FFB	0.03	0.03
	1.8	J-QC/FFB	0.03	0.03
J-QC/FFD/RPO	3.6	J-QC/FFB	0.18	0.91
	3.4	J-QC/FFB	1.94	1.94
	3.3	J-QC/FFB	1.94	1.94
	2.2	J-QC/FFB	1.36	1.37
J-QC/FSL	2.2	BJ-QC/FBK/FFB	1.12	1.12
	2.0		0.00	0.00
	2.4	J-QC/FFB/FFDRPO	0.00	0.00
	2.5	BJ-QC/FBK/FFBFLDRPO	0.00	0.02
	3.3		0.00	0.23
	2.2	J-QC/FFB	0.00	0.29
J-QC/FFD/RPOFSL	1.9	J-QC/FFD/RPO	0.00	0.00
	1.6		0.00	0.11
J-QC/FFB/FFDRPO	1.7		0.00	0.00
J-QC/FFB/FFDRPO	1.9		0.00	0.00
J-QC/FFD/RPOFSL	1.8		1.00	1.00
J-QC/FFD/RPOFSL	1.6		1.00	1.00
J-QC/FFD/RPOFSL	1.8		0.00	0.00
J-QC/FSL	3.1	J-QC/FFB	0.00	0.35
	3.8	BJ-QC/FBK/FFB	0.00	0.46
K	3.3	J-QC/FFB/FFDRPO	0.02	0.05
K	2.4	J-QC/FFB/FFDRPO	0.02	0.05
[redacted]				
J/LLS	2.83	J-QC/FFB	0.54	0.54
J-QC/LLS	3.45	BJ-QC/FBK/FFB	0.02	0.02
NRP	—	NRP	0.02	0.02
[redacted]	3.10	J-QC/FFB	0.00	0.68

J-QC/FFB	2.3	J-QC	0.00	0.00
J-QC/LLS/FFDRPO	2.5	J-QC/FFD/RPO	0.00	0.00
J-QC/LLS/FFDRPO	4.2	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	5.4	J-QC	1.46	2.61
J-QC/LLS/FFBFFDRPO	3.2	J-QC/FFB/FFDRPOFMS	0.00	0.00
J-QC/LLS/FFB	4.6	J-QC	0.00	0.00
J/LLS	4.7	J-QC	0.00	0.00
J/LLS	4.9	J-QC	0.00	0.00
J/LLS	3.5		3.71	3.89
[redacted]	5.6	J-QC	0.00	0.00
	5.5	J-QC	0.00	0.00
J-QC/LLS/FFDRPOFSL	5.0	B/FBK	0.02	1.47
[redacted]	4.7	J-QC/FLD/RPO	0.00	0.00
	4.1		0.00	0.00
	4.5		0.00	0.00
	4.6	J-QC/FFB/FFDRPO	0.00	0.57
	3.4	J-QC/FFB	0.88	0.88
	3.4	J-QC/FFB	0.88	0.88
J-QC/FFD/RPO	3.2	J-QC	0.00	0.00
[redacted]	4.7	J-QC	1.01	1.41
J-QC/FFB	5.9	J-QC/FSL	0.49	0.49
J-QC/FFB	7.0	J-QC/FSL	0.49	0.49
[redacted]	3.3		0.85	0.86
	2.0		0.00	0.00
	2.1	J-QC	0.04	0.04
J-QC/FFD/RPO	1.9	J-QC/FLD/RPOFSL	0.00	0.48
J-QC/FFD/RPO	1.6	J-QC/FLD/RPOFSL	0.00	0.48
-QCJ-HT/LLS/FFDRPOEH	3.56	J-QC	0.00	0.00
J/LLS	5.59	J-QC/FFD/RPOFSL	0.00	0.19
J/LLS	3.71	J-QC/FFD/RPOFSL	0.00	0.19
[redacted]	4.19	J-QC/FFD/RPO	0.00	0.00
[redacted]				
	2.9	J-QC/FMS	0.00	0.14
	2.6	J-QC/FMS	0.00	0.14
	1.9	J-QC/FFB/FMS	0.00	0.95
	4.8	J-QC/FFB	0.00	0.00
	5.6	J-QC/FFB	0.00	0.00
J/LLS	3.5		0.67	0.78
J-QC/FFD/RPO	5.0	B/FBK	1.02	1.06
J-QC/FFD/RPO	3.9	B/FBK	0.00	0.00
J-QC/LLS/FFDRPO	3.2	B/FBK	0.00	0.00
J-QC/FFD/RPO	5.0		0.00	0.00
J-QC/FFB	3.8	J-QC/FMS	0.78	0.78
J-QC/FFD/RPO	3.9	J-QC/FMS	0.03	0.03
	3.5	J-QC/FLD/RPO	0.00	0.00
	3.0	J-QC/FLD/RPO	0.00	0.00
	4.4	J-QC/FFB	0.20	0.22
J-QC/FFD/RPO	2.5	J-QC/FMS	1.20	1.20
	0.5		0.00	0.00
	0.3	J-R/LLS	0.00	0.00

	0.7		0.73	1.48
	1.9	J-QC/FMS	0.28	0.36
J-QC/FFD/RPO	1.4		0.00	0.07
J-QC/LLS/FFDRPO	1.1		0.00	0.07
	2.2	3J-QC/FBK/FFBFLDRPOFMS	0.09	0.09
	1.8		0.00	0.00
	3.4		0.00	0.00
	1.9	J-QC/FFD/RPO	0.00	0.00
	4.0		0.00	0.00
	0.2	J-RJ-QC/LLS/FFBFFDRPO	0.00	0.00
	3.4	J-QC/FFB/FFDRPO	0.00	0.00
	2.4		0.00	0.00
	2.3	J-QC/FFD/RPO	0.01	0.01
J-QC/FFD/RPO	3.8	J-QC/FLD/RPO	1.86	1.88
J-QC/LLS/FFDRPO	2.6		0.08	0.18

Station #21 Lower Arthur Kill	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 10, 2003	10:55	6.20	6.0	10.55
December 18, 2003	12:35	6.20	5.1	7.06
2004				
February 26, 2004	13:50	7.87	3.1	10.59
April 6, 2004	10:15	7.55	6.7	9.97
April 22, 2004	10:05	6.93	11.8	9.60
May 20, 2004	11:05	7.25	18.0	5.73
May 27, 2004	11:40	7.49	18.8	6.14
June 1, 2004	—	7.38	—	—
June 16, 2004	10:35	7.12	—	6.00
June 23, 2004	10:30	7.73	20.4	8.21
July 1, 2004	10:57	7.50	20.7	—
July 7, 2004	10:50	7.57	—	—
July 14, 2004	10:54	7.49	22.7	—
July 21, 2004	11:05	7.42	23.2	—
July 28, 2004	10:55	7.14	—	5.25
August 4, 2004	10:57	7.25	25.15	4.36
August 11, 2004	10:35	7.52	23.46	5.94
August 18, 2004	11:03	7.11	23.43	4.48
August 25, 2004	10:40	7.50	23.38	5.96
September 1, 2004	10:30	7.63	24.43	5.39
September 15, 2004	11:30	7.29	23.66	4.95
September 22, 2004	10:35	7.58	21.10	6.25
September 29, 2004	11:10	7.04	21.59	6.15
October 14, 2004	11:05	—	17.93	6.40
October 21, 2004	12:05	—	15.1	6.83
November 4, 2004	11:55	7.00	14.2	7.44
November 22, 2004	10:12	7.44	10.73	7.44
December 2, 2004	11:40	7.46	9.61	8.88
2005				
February 24, 2005	11:00	—	3.78	11.42
March 22, 2005	11:25	—	5.1	13.47
April 13, 2005	10:36	—	9.65	14.75
May 5, 2005	10:36	7.62	11.78	10.04
May 11, 2005	10:41	7.56	12.65	10.43
May 19, 2005	11:35	7.72	14.49	9.05
May 24, 2005	10:13	7.33	15.12	7.25
May 31, 2005	11:00	7.45	15.99	6.90
June 8, 2005	10:31	7.33	19.30	5.88
June 15, 2005	10:57	7.50	19.71	6.97
June 22, 2005	11:07	7.33	20.99	5.74
June 29, 2005	10:15	7.33	22.64	6.41
July 6, 2005	10:26	7.29	23.51	4.81
July 28, 2005	10:50	7.42	25.60	5.27
August 3, 2005	10:43	—	25.64	6.11
August 11, 2005	—	—	—	—

August 17, 2005	10:29	7.35	25.83	4.58
August 25, 2005	10:40	—	24.40	4.74
September 8, 2005	—	—	—	—
September 12, 2005	—	—	—	—
September 20, 2005	09:44	7.26	24.41	5.02
October 6, 2005	10:51	—	21.44	6.09
October 18, 2005	11:31	—	16.79	8.65
November 3, 2005	11:07	7.58	13.69	9.06
December 21, 2005	10:40	6.58	5.13	12.24
2006				
January 5, 2006	10:52	7.47	5.89	14.72
February 1, 2006	10:15	7.70	5.70	13.51
March 30, 2006	11:00	8.01	7.66	11.83
April 18, 2006	10:31	7.69	11.56	9.05
April 27, 2006	10:55	7.40	13.29	11.23
May 2, 2006	10:57	7.43	13.24	11.33
May 11, 2006	11:21	7.46	14.73	7.71
June 14, 2006	11:48	7.45	18.78	6.15
June 19, 2006	11:20	7.52	19.80	10.06
June 26, 2006	11:58	7.30	20.20	7.63
July 11, 2006	10:57	7.37	20.71	6.78
July 17, 2006	11:30	7.32	22.92	5.77
July 24, 2006	11:00	7.19	24.11	6.09
July 31, 2006	11:43	7.48	24.98	5.92
August 9, 2006	10:14	7.66	23.87	5.77
August 29, 2006	10:43	7.27	23.50	4.14
September 6, 2006	10:09	7.31	21.38	5.29
September 11, 2006	11:13	7.33	22.01	5.23
September 18, 2006	10:46	7.30	21.46	8.11
September 25, 2006	11:26	7.50	20.85	6.26
October 18, 2006	10:19	7.53	16.64	6.96
November 14, 2006	11:54	7.57	12.98	6.94
December 13, 2006	10:41	7.90	8.83	8.86
2007				
January 10, 2007	11:35	7.98	7.61	9.79
January 25, 2007	12:17	7.18	5.42	9.52
February 22, 2007	10:32	8.65	2.16	13.56
March 8, 2007	11:25	7.84	2.30	11.90
March 20, 2007	11:06	8.17	4.25	11.02
April 2, 2007	11:43	7.97	7.12	12.35
May 3, 2007	11:38	7.58	11.24	8.84
Boat engine failure - 5/18/07				
August 22, 2007	11:19	8.05	21.71	6.07
August 30, 2007	09:54	7.91	23.34	5.73
September 11, 2007	10:20	7.35	24.58	6.54
October 3, 2007	11:14	7.29	21.13	5.67
October 30, 2007	10:53	7.23	16.24	6.52
November 27, 2007	10:46	—	9.87	8.63
2008				
January 9, 2008	10:57	—	5.92	10.57

February 28, 2008	11:49	—		—	—
March 13, 2008	11:49	7.83		5.08	11.33
April 24, 2008	11:35	7.78		12.83	10.00
May 6, 2008	12:39	7.49		13.64	8.45
June 5, 2008	10:48	7.43		17.22	6.49
June 10, 2008	11:49	7.45		19.79	6.41
July 17, 2008	10:36	7.43		23.91	5.43
July 21, 2008	12:08	7.49		24.42	5.84
July 30, 2008	10:37	7.27		24.40	4.70
August 6, 2008	10:27	7.29		24.28	4.70
August 13, 2008	10:22	7.43		22.65	5.42
August 19, 2008	11:11	7.43		23.51	5.31
August 26, 2008	10:37	7.41		22.89	5.45
September 9, 2008	10:51	7.35		23.27	6.36
September 18, 2008	10:52	—		22.12	6.10
September 24, 2008	10:43	7.28		20.80	6.97
October 9, 2008	10:50	—		17.81	5.05
November 13, 2008	10:29	7.35		12.77	6.50
December 2, 2008	11:45	7.37		8.16	7.38
2009					
January 29, 2009	10:49	7.21		2.26	8.61
February 9, 2009	10:56	7.41		2.88	9.23
March 4, 2009	10:48	7.49		2.04	14.82
April 14, 2009	10:45	7.55		7.99	11.96
May 5, 2009	11:48	7.13		13.18	—
May 20, 2009	11:58	7.49		15.04	—
June 3, 2009	10:21	7.10		17.99	—
June 18, 2009	10:55	7.41		19.33	6.25
June 23, 2009	11:01	7.34		19.90	5.53
July 8, 2009	10:41	7.43		21.35	5.58
July 15, 2009	11:02	—	NAPEFAI/EQF	21.21	6.56
July 21, 2009	10:38	—	NAPEFAI/EQF	22.69	5.56
July 29, 2009	10:53	—	NAPEFAI/EQF	23.56	5.08
August 6, 2009	10:26	—	NAPEFAI/EQF	24.25	4.78
August 12, 2009	10:40	—	NAPEFAI/EQF	23.51	4.83
August 19, 2009	10:29	—	NAPEFAI/EQF	24.95	—
August 25, 2009	10:31	—	NAPEFAI/EQF	25.52	—
September 2, 2009	10:40	—	NAPEFAI/EQF	22.76	—
September 10, 2009	11:10	—	NAPEFAI/EQF	23.36	—
September 16, 2009	10:46	—	NAPEFAI/EQF	21.85	—
September 24, 2009	10:19	—	NAPEFAI/EQF	21.20	—
September 29, 2009	11:14	—	NAPEFAI/EQF	19.72	10.36
October 5, 2009	11:27	—	NAPEFAI/EQF	18.51	6.68
November 24, 2009	10:46	7.66		11.85	7.83
2010					
March 18, 2010	11:12	7.65		6.24	12.21
April 19, 2010	10:41	7.67		10.19	10.16
May 6, 2010	11:26	7.59		15.12	9.28
May 18, 2010	10:40	7.35		13.06	8.75
May 25, 2010	10:40	7.41		16.50	7.90

June 2, 2010	10:30	7.43	19.60	6.83
June 10, 2010	11:33	7.53	19.58	6.83
June 16, 2010	11:15	7.39	20.36	5.73
June 23, 2010	10:52	7.42	22.83	6.51
June 28, 2010	10:21	7.67	23.56	7.67
July 13, 2010	10:26	7.49	24.37	5.18
July 22, 2010	10:29	7.43	26.07	5.41
July 28, 2010	10:40	7.42	25.33	5.88
August 4, 2010	10:25	7.53	23.30	5.02
August 11, 2010	10:45	7.44	25.05	4.50
August 19, 2010	10:50	7.35	24.46	4.71
August 25, 2010	11:00	7.30	24.31	4.73
September 2, 2010	11:26	7.64	24.51	6.54
September 15, 2010	10:44	7.60	20.55	6.48
September 22, 2010	10:53	7.48	20.67	6.87
September 28, 2010	10:41	7.40	21.45	7.54
October 4, 2010	10:48	7.39	18.99	7.54
November 16, 2010	10:36	7.58	11.09	9.41
December 6, 2010	10:48	7.59	7.20	10.09
2011				
January 6, 2011	10:45	7.57	3.14	10.45
February 7, 2011	10:38	7.70	2.16	15.60
March 14, 2011	10:41	7.22	5.42	12.55
April 12, 2011	10:32	7.32	9.52	10.75
May 4, 2011	11:02	7.20	13.12	8.56
May 11, 2011	11:29	7.61	13.04	8.88
May 18, 2011	10:50	7.23	15.40	7.32
May 23, 2011	10:45	7.21	16.17	7.55
June 2, 2011	11:05	7.46	19.41	6.95
June 9, 2011	11:07	7.41	18.91	6.99
June 22, 2011	10:50	7.38	21.58	6.16
June 30, 2011	11:10	7.36	22.73	5.97
July 7, 2011	10:51	7.47	23.21	5.64
July 12, 2011	11:00	7.56	24.21	6.31
July 27, 2011	10:28	7.57	24.18	6.45
August 3, 2011	11:00	7.38	25.06	4.78
August 11, 2011	11:23	7.45	25.40	5.39
August 22, 2011	11:00	7.23	23.51	5.07
September 12, 2011	11:35	7.28	21.45	6.12
September 19, 2011	10:30	7.49	19.35	6.62
September 28, 2011	10:40	7.35	21.45	4.86
October 26, 2011	11:01	7.47	15.65	6.49
November 3, 2011	10:59	7.47	11.87	9.03
December 5, 2011	11:33	7.65	11.37	7.18
2012				
January 12, 2012	11:22	7.75	7.53	9.54
February 9, 2012	11:40	7.70	6.00	10.25
March 8, 2012	11:15	8.04	7.12	11.25
April 23, 2012	11:15	7.34	14.12	11.12
May 3, 2012	10:52	7.50	13.20	7.61

May 8, 2012	10:46	7.55		14.14	6.98
May 16, 2012	11:14	7.57		15.86	6.52
May 21, 2012	10:25	7.37		17.68	5.57
June 4, 2012	10:50	7.49		20.46	6.12
June 12, 2012	10:32	—	NAPEFAI/EQF	20.65	4.00
June 21, 2012	10:30	—	NAPEFAI/EQF	22.66	3.76
June 27, 2012	10:50	—	NAPEFAI/EQF	21.95	3.81
July 9, 2012	10:40	—	NAPEFAI/EQF	24.56	3.36
August 2, 2012	10:24	7.31		24.91	4.38
August 16, 2012	10:52	7.37		25.36	5.37
August 23, 2012	10:33	7.31		24.10	4.40
September 6, 2012	10:38	7.35		24.68	4.98
September 12, 2012	11:09	7.43		23.10	4.54
September 18, 2012	10:00	7.39		22.42	5.44
September 24, 2012	11:26	7.48		20.95	5.95
October 16, 2012	10:35	7.49		17.19	6.82
November 27, 2012	09:10	7.54		9.27	9.04
December 4, 2012	09:31	7.59		8.66	9.05
2013					
January 10, 2013	09:02	7.65		5.60	10.68
February 4, 2013	09:39	7.76		3.34	12.20
March 12, 2013	09:21	7.77		5.20	11.12
April 3, 2013	09:20	7.92		5.96	10.95
May 1, 2013	10:54	7.61		12.04	8.05
May 8, 2013	10:46	7.43		14.86	7.71
May 13, 2013	10:50	7.45		14.96	7.00
May 20, 2013	10:56	7.55		14.66	6.94
May 29, 2013	10:48	7.50		15.52	6.84
June 6, 2013	10:27	7.48		17.77	6.16
June 20, 2013	10:32	7.45		19.46	6.86
July 2, 2013	10:34	7.40		22.74	5.65
July 10, 2013	10:34	7.63		22.53	5.62
July 17, 2013	10:40	7.67		23.57	5.51
July 24, 2013	11:00	7.55		25.32	4.66
August 1, 2013	10:53	7.55		23.35	5.77
August 7, 2013	10:16	7.58		22.99	5.38
August 13, 2013	11:13	7.49		23.34	5.09
August 22, 2013	11:23	7.65		23.09	4.91
August 28, 2013	10:40	7.70		23.15	5.86
September 10, 2013	10:27	7.53		21.29	5.87
September 16, 2013	10:54	7.49		20.66	5.46
September 23, 2013	10:54	7.46		19.40	5.84
October 3, 2013	10:58	7.47		19.20	6.57
November 19, 2013	11:25	7.64		10.18	8.30
December 2, 2013	11:03	7.57		7.27	8.99
2014					
January 13, 2014	10:49	7.47		2.30	11.48
February 4, 2014	11:57	7.35		1.59	13.31
March 6, 2014	10:40	7.51		1.51	10.83
April 8, 2014	11:05	8.13		7.32	11.41

May 1, 2014	11:36	8.15	9.86	14.64
May 13, 2014	11:04	7.56	12.81	8.50
May 19, 2014	11:03	7.37	14.06	8.52
June 5, 2014	11:00	7.26	16.51	6.72
June 11, 2014	11:11	7.19	18.06	6.36
June 19, 2014	10:11	7.26	20.17	5.99
June 26, 2014	11:10	7.67	20.78	7.65
July 2, 2014	11:04	7.77	21.98	6.43
July 10, 2014	11:13	7.59	20.35	7.02
July 15, 2014	10:50	7.48	21.21	5.32
July 28, 2014	10:40	7.51	22.47	5.60
August 4, 2014	10:53	7.55	21.60	6.28
August 12, 2014	10:21	7.45	22.51	5.33
August 20, 2014	11:00	7.59	21.90	6.34
August 27, 2014	10:45	7.58	22.46	6.06
September 8, 2014	10:45	7.46	22.97	6.58
September 15, 2014	10:47	7.43	21.59	6.37
September 24, 2014	11:04	7.41	21.40	6.35
September 30, 2014	11:00	7.44	20.90	5.60
October 7, 2014	11:01	7.47	19.12	7.30
November 17, 2014	10:50	7.57	10.76	9.50
December 2, 2014	10:45	7.40	7.79	10.25

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	95.2	17.4	—	24
	62.7	15.6	—	22
[redacted]				
	91.5	20.3	—	28
	90.7	16.1	—	61
	98.6	17.2	—	18
	72.4	18.8	—	19
	72.9	18.3	—	14
	—	—	—	13
	—	—	—	20
	93.1	—	—	32
	—	—	—	18
	—	—	—	19
	—	—	—	14
	—	—	—	32
	60.8	—	—	22
	58.4	17.83	—	22
	78.3	19.91	—	26
	58.8	18.89	—	72
	77.7	16.86	—	15
	71.9	18.93	—	20
	64.5	17.17	—	20
	75.4	14.79	—	30
	75.3	13.67	—	15
	76.1	20.38	—	16
	76.2	18.4	—	22
	81.0	18.6	—	13
	81.7	21.06	—	20
	85.6	15.52	—	26
[redacted]				
	98.4	17.81	—	15
	118.4	18.0	—	11
	139.5	11.36	—	10
	105.2	19.99	—	35
	109.7	17.53	—	29
	101.7	21.69	—	16
	82.7	23.05	—	35
	82.1	26.45	—	43
	72.2	21.14	—	15
	88.4	25.21	—	29
	74.3	24.22	—	18
	85.7	24.67	—	14
	65.5	25.67	—	19
	73.7	23.32	—	30
	85.7	24.06	—	28
	—	—	—	22

64.4	23.84	—	17
66.0	26.59	—	54
—	—	—	12
—	—	—	18
70.2	27.66	—	28
80.2	26.15	—	43
94.4	9.93	—	10
97.1	17.28	—	13
109.5	19.54	—	16
[redacted]			
130.8	15.56	—	22
123.5	20.77	—	26
114.4	22.00	—	13
94.9	20.96	—	22
119.9	18.05	—	18
121.6	18.97	—	18
87.9	23.48	—	25
74.5	20.31	—	20
125.4	22.26	—	32
98.6	26.52	—	34
84.9	20.03	—	22
75.6	20.83	—	30
81.8	21.19	—	17
81.0	24.12	—	28
78.6	24.02	—	50
56.4	24.83	—	92
67.9	21.89	—	24
68.9	24.16	—	32
103.1	19.98	—	31
80.1	23.06	—	22
82.4	23.55	—	17
76.0	22.35	—	24
90.3	26.18	—	24
[redacted]			
91.7	17.12	—	15
86.4	20.72	—	28
117.9	26.27	—	38
102.0	23.49	—	24
97.5	21.00	—	18
113.8	16.68	—	22
89.9	17.41	—	16
78.2	22.38	—	54
76.6	23.00	—	22
89.2	25.76	—	17
73.3	25.26	—	32
75.9	22.16	—	28
87.4	21.67	—	24
[redacted]			
98.1	22.34	—	35

	—		—	—	28	
	97.1		13.22	—	22	
	105.0		16.54	—	38	
	90.9		18.15	—	46	
	77.8		23.82	—	22	
	80.8		24.58	—	20	
	74.0		24.28	—	40	
	80.6		25.07	—	20	
	64.0		22.92	—	14	
	64.3		24.16	—	18	
	71.8		23.49	—	38	
	71.6		24.02	—	14	
	74.0		24.98	—	14	
	85.8		24.00	—	14	
	78.4		22.65	—	26	
	89.9		23.92	—	14	
	62.3		26.79	—	14	
	69.6		20.43	—	24	
	72.0		21.49	—	22	
	72.5		21.49	—	26	J-QC/FLD/RPO
	79.8		22.65	—	21	
	124.6		22.19	—	30	
	114.6		19.66	—	14	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.79	—	17	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.85	—	49	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	20.23	—	41	
	74.6		16.37	—	18	
	66.2		14.77	—	21	J-QC/FLD/RPO
	71.1		20.38	—	16	
	84.1		22.65	—	12	J-QC/FFD/RPO
	74.1		23.77	—	38	J-QC/FFD/RPO
	67.1		20.28	—	13	
	63.2		17.81	—	16	
	64.6		20.84	—	12	
NAPEFAI/EQF	—	NAPEFAI/EQF	23.16	—	18	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.75	—	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.38	—	14	J-QC/FFB/FFDRPO
NAPEFAI/EQF	—	NAPEFAI/EQF	22.71	—	17	
NAPEFAI/EQF	—	NAPEFAI/EQF	25.31	—	20	
NAPEFAI/EQF	—	NAPEFAI/EQF	23.04	—	13	
	130.1		23.47	—	18	J-QC/FFD/RPO
	82.9		24.64	—	38	
	84.3		24.32	—	16	J-QC/FFD/RPO
	108.2		14.03	—	NA 52	J-QC/FFD/RPO
	101.3		19.16	—	NA 38	
	101.5		17.30	—	NA 47	J-QC/FLD/RPO
	93.1		20.87	—	NA 40	
	89.5		19.95	—	NA 51	

84.1	21.36	—	NA	19	
83.5	22.43	—	NA	10	
71.6	22.74	—	NA	52	
85.3	22.31	—	NA	48	
103.2	23.25	—	NA	38	
70.1	23.55	—	NA	58	
75.3	23.16	—	NA	42	
76.7	23.24	—	NA	54	
68.0	25.10	—	NA	40	
63.0	25.40	—	NA	46	
64.2	25.58	—	NA	40	J-QC/FFB
64.2	22.29	—	NA	56	J-QC/FLD/RPO
89.3	22.88	—	NA	48	
82.6	24.80	—	NA	76	
85.6	23.84	—	NA	50	J-QC/FFD/RPO
95.0	23.74	—	NA	25	
90.1	18.52	—	NA	68	
96.6	21.10	—	NA	50	J-QC/FFB
93.7	17.53	—	NA	17	
[redacted]					
91.3	23.34	—	NA	24	
130.7	21.91	—	NA	17	J-QC/FLD/RPO
105.2	9.66	—	NA	38	
106.6	19.76	—	NA	12	
89.1	14.61	—	NA	30	
94.2	18.67	—	NA	48	
80.7	18.77	—	NA	42	
82.3	12.64	—	NA	47	J-QC/FLD/RPO
82.8	17.70	—	NA	45	
85.2	20.90	—	NA	18	
74.5	19.60	—	NA	16	J-QC/FFD/RPO
76.8	19.00	—	NA	42	
73.7	19.74	—	NA	15	
84.3	20.07	—	NA	18	
85.2	23.27	—	NA	20	
65.5	23.41	—	NA	71	
75.2	23.34	—	NA	56	J-QC/FFB
65.6	13.25	—	NA	16	
70.5	6.21	—	NA	22	
77.6	14.13	—	NA	27	
60.8	17.36	—	NA	54	
72.9	18.32	—	NA	22	J-QC/FFD/RPO
92.0	15.94	—	NA	33	
76.1	23.02	—	NA	22	J-QC/FFB
[redacted]					
90.9	20.52	—	NA	66	
94.9	22.43	—	NA	50	J-QC/FLD/RPO
108.6	23.85	—	NA	47	J-QC/FFD/RPO
122.1	23.45	—	NA	53	J-QC/FFD/RPO
83.1	22.29	—	NA	54	

	77.3		21.27	—	NA	54	
	75.1		21.58	—	NA	52	
	65.7		20.18	—	NA	63	
	71.0		21.35	—	NA	20	
	50.6		21.52	—	NA	48	
	49.0		21.12	—	NA	25	J-QC/FFB/FFDFLDRPO
	48.8		21.60	—	NA	14	J-QC/FLD/RPO
	46.2		23.35	—	NA	22	J-QC/FFD/RPO
	60.6		24.07	—	NA	70	
	73.6		23.91	—	NA	60	
	60.1		24.64	—	NA	59	
	68.5		24.62	—	NA	58	J-QC/FFB
	61.6		26.02	—	NA	28	
	72.9		26.26	—	NA	29	
	77.2		25.50	—	NA	62	
	82.6		25.57	—	NA	62	
	94.0		27.44	—	NA	45	
	91.0		24.57	—	NA	32	
[redacted]							
[redacted]	100.1	[redacted]	25.32	—	NA	50	[redacted]
[redacted]	107.6	[redacted]	23.89	—	NA	63	J-QC/FLD/RPO
[redacted]	101.3	[redacted]	22.19	—	NA	50	[redacted]
[redacted]	100.9	[redacted]	20.98	—	NA	52	[redacted]
[redacted]	85.4	[redacted]	21.36	—	NA	26	J-QC/FFB
[redacted]	87.1	[redacted]	22.59	—	NA	46	[redacted]
[redacted]	80.6	[redacted]	23.21	—	NA	47	[redacted]
[redacted]	79.5	[redacted]	24.88	—	NA	48	J-QC
[redacted]	76.5	[redacted]	17.93	—	NA	14	J-QC/FFB/FFDFLDRPO
[redacted]	73.7	[redacted]	21.14	—	NA	48	[redacted]
[redacted]	81.3	[redacted]	14.42	—	NA	14	J-QC/FLD/RPO
[redacted]	70.1	[redacted]	17.30	—	NA	82	[redacted]
[redacted]	73.5	[redacted]	21.97	—	NA	60	[redacted]
[redacted]	73.9	[redacted]	23.85	—	NA	37	[redacted]
[redacted]	64.1	[redacted]	21.94	—	NA	48	[redacted]
[redacted]	77.1	[redacted]	23.08	—	NA	48	[redacted]
[redacted]	72.3	[redacted]	24.48	—	NA	86	J-QC/FFB
[redacted]	68.9	[redacted]	24.04	—	NA	41	[redacted]
[redacted]	66.4	[redacted]	26.36	—	NA	60	[redacted]
[redacted]	78.1	[redacted]	22.77	—	NA	52	[redacted]
[redacted]	74.1	[redacted]	24.94	—	NA	54	[redacted]
[redacted]	70.3	[redacted]	25.89	—	NA	50	J-QC
[redacted]	74.7	[redacted]	27.39	—	NA	58	[redacted]
[redacted]	82.9	[redacted]	25.88	—	NA	26	J-QC/FLD/RPO
[redacted]	88.2	[redacted]	28.22	—	NA	52	[redacted]
[redacted]	88.1	[redacted]	25.50	—	NA	53	[redacted]
[redacted]							
	96.1		20.21	—	NA	70	J-QC/FFD/FLDRPO
	111.4		24.09	—	NA	52	J-QC
	91.1		23.88	—	NA	50	J-QC
	102.1		11.46	—	NA	28	

140.5	12.82	—	NA	36	
89.6	18.83	—	NA	41	
92.5	18.25	—	NA	49	
81.8	22.40	—	NA	26	
74.3	19.42	—	NA	40	
73.8	19.32	—	NA	32	
97.7	22.50	—	NA	34	
82.9	22.55	—	NA	44	J-QC/FLD/RPO
89.9	24.98	—	NA	32	
69.7	25.00	—	NA	36	
73.1	22.70	—	NA	39	
80.4	24.03	—	NA	39	
74.1	25.62	—	NA	41	J-QC
84.7	27.42	—	NA	42	
80.6	26.69	—	NA	34	J-QC/FLD/RPO
87.4	23.42	—	NA	35	
87.6	25.18	—	NA	32	
83.2	25.32	—	NA	40	
72.7	26.35	—	NA	40	
93.1	27.75	—	NA	40	
102.1	28.08	—	NA	40	
99.7	22.97	—	NA	42	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.40	6	0.47	0.058
0.73	4	0.18	0.030
[redacted]			
1.15	2	0.91	0.040
0.80	2	0.21	0.035
0.90	3	0.93	0.043
2.04	2	0.40	0.067
1.17	2	<0.19	0.071
1.00	2	0.20	0.075
0.75	<2	0.46	0.078
1.28	2	<0.19	0.045
2.12	<2	<0.19	0.054
0.79	<2	<0.19	0.056
2.67	4	<0.19	0.074
3.07	<2	<0.19	0.077
1.43	7	<0.19	0.050
1.26	11	0.34	0.091
2.36	3	<0.19	0.095
1.30	<2	<0.19	0.082
2.44	2	<0.19	0.063
0.75	3	<0.19	0.070
1.85	<2	0.40	0.125
1.10	<2	<0.19	0.088
1.20	2	<0.19	0.084
0.90	<2	<0.19	0.057
<1.00	<2	<0.19	0.071
1.63	<2	0.50	0.095
0.69	6	<0.19	0.077
1.12	<2	0.30	0.067
[redacted]			
1.38	6	<0.19	0.033
0.99	4	<0.19	0.035
<1.00	<2	<0.19	0.035
1.12	<2	<0.19	0.039
1.22	—	<0.19	0.051
0.96	<2	<0.19	0.051
1.65	7	<0.27	0.062
0.92	4	<0.27	0.071
1.47	5	<0.27	0.088
0.91	<2	<0.27	0.078
1.29	<2	<0.27	0.076
1.11	<2	<0.27	0.074
0.87	<2	<0.27	0.068
1.40	<2	<0.27	0.071
1.23	6	<0.27	0.073
0.93	<2	<0.27	0.053

1.07	6	<0.27	0.059
1.30	<2	<0.27	0.082
1.01	5	<0.27	0.116
0.75	<2	<0.27	0.103
1.21	<2	<0.27	0.115
1.25	<2	<0.27	0.130
1.24	<2	<0.27	0.084
1.13	<2	<0.27	0.060
1.02	<2	<0.27	0.030
[redacted]			
1.43	4	<0.27	0.04
1.10	<2	<0.27	0.025
0.61	3	<0.27	0.038
—	4	<0.295	0.051
2.18	<2	<0.295	0.068
1.49	<2	<0.295	0.073
1.17	—	<0.295	0.056
1.65	<2	<0.295	0.056
1.19	<2	<0.295	0.051
0.79	<2	<0.295	0.058
1.01	—	<0.295	0.042
0.59	—	<0.295	0.050
—	4	<0.295	0.059
1.50	—	<0.295	0.054
1.34	<2	<0.295	0.044
2.14	—	<0.295	0.086
1.21	—	<0.295	0.100
0.86	—	<0.295	0.108
1.12	—	<0.295	0.090
1.02	—	<0.295	0.083
<1.00	6	<0.295	0.086
0.83	<2	<0.295	0.034
0.97	<2	<0.295	0.040
[redacted]			
0.96	—	<0.295	0.054
0.88	<2	<0.295	0.035
0.64	<2	0.517	0.034
0.87	—	<0.295	0.038
1.05	<2	0.495	0.036
0.76	<2	0.463	0.025
<0.30	—	<0.039	0.024
1.14	—	0.583	0.096
0.62	—	0.713	0.095
0.39	<2	0.057	0.117
0.32	<2	<0.039	0.110
<0.30	<2	0.480	0.154
<0.30	<2	0.724	0.080
[redacted]			
0.31	<2	0.655	0.035

0.65		<2		0.306		0.020
1.42		<2		0.077		0.019
0.44		<2		0.463		0.033
<0.30		<2		0.451		0.042
<0.30		<2		0.502		0.054
<0.30		<2		0.397		0.062
0.89		<2		0.406		0.064
0.33		<2		0.478		0.058
0.52		<2		0.483		0.091
<0.30		<2		0.397		0.064
0.34		<2		0.054		0.055
0.69		<2		0.510		0.061
<0.30		<2		0.356		0.059
<0.30		<2		0.045		0.052
0.32		<2		0.627		0.093
0.31		<2		0.623		0.114
<0.30		<2		0.489		0.101
<0.30		<2		0.728		0.073
<0.30		<2		0.539		0.080
0.56	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.530	J-QC/FSL	0.037
0.40	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.764	J-QC/FSL/FMS	0.031
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.596		0.042
0.79	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.903		0.034
1.16	BJ-QC/FBK/FFBFLS	<2	K	0.558		0.055
<0.30	KBJ-QC/FBK/FFBFLS	<2	K	0.402	J-QC/FMS	0.075
1.92	J-QC/FLS	<2	K	<0.018	KJ-QC/FMS	0.073
0.68	J-QC/FFD/RPOFLS	<2	KJ-QC/FLS	0.428		0.051
1.78	BJ-QC/FBK/FFB	<2	K	0.172		0.074
0.86	BJ-QC/FBK/FFBFFDRPO	<2	K	0.366		0.052
0.69	BJ-QC/FBK/FFDRPO	<2	KJ-QC/FLS	0.163		0.038
<0.30	KJ-QC/FFB/FFDRPO	4		0.376		0.060
0.50	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.285		0.054
<0.30	KJ-QC/FLD/RPOFLS	<2	KJ-QC/FLS	<0.018	K	0.041
0.93	BJ-QC/FBK/FFDFLDRPOFLS	<2	K	0.071		0.044
0.39	BJ-QC/FBK/FFBFFDRPOFLS	—	NAP	0.153	J-QC/FMS	0.033
1.38	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.320		0.055
1.27	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.361		0.049
1.30	BJ-QC/FBK/FFBFLS	2	J-QC/FLS	0.560		0.080
0.58	BJ-QCJ-HT/FBK/FFDRPOFLSEHT	<2	K	0.031	J-R	0.064
<1.00	KJ-QC/FFD/RPOFLS	<2	KJ-QC/FFB	0.463		0.073
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	0.259	J-QC/FMS	0.072
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.300		0.066
0.56	BJ-QC/FBK/FFBFLS	<2	K	0.213		0.061
1.10	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.180		0.0200
0.52	BJ-QC/FBK/FFBFFDRPO	3	J-QC/FFB	0.287		0.0239
0.53	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.277		0.0347
0.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.362		0.0529
0.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.412		0.0594

0.68	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.357	J-QC/FFD/RPO	0.0660
—	NAPQNS	<2	KJ-QC/FLS	0.428		0.0544
0.75	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.634		0.0605
0.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.116		0.0583
0.63	BJ-QC/FBK/FFBFLS	<2	K	0.277		0.0609
0.64	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.538	J-QC/FMS	0.0467
0.55	BJ-QC/FBK/FFBFLS	<2	K	0.503		0.0576
0.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.472		0.0579
0.57	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.435		0.0556
0.59	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.540		0.0592
0.53	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	<0.0175	K	0.0712
0.59	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.886		0.1252
0.47	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.314		0.0675
0.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.356		0.0521
0.67	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.435		0.0645
0.66	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.0810
0.45	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.435		0.0968
0.71	BJ-QC/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.287		0.0375
0.86	BJ-QC/FBK/FFB	<2	K	0.317		0.0453
[redacted]						
0.60	BJ-QC/FBK/FFBFLS	<2	K	0.619		0.0461
0.45	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.342		0.0380
1.33	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.204		0.0231
0.62	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0293	KJ-QC/FMS	0.0235
1.84	BJ-QC/FBK/FFBFLS	<2	K	0.392		0.0245
0.54	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.191		0.0279
0.62	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB/FFDRPOFLS	0.316		0.0444
1.33	BJ-QC/FBK/FFBFLS	<2	K	<0.0293	K	0.0489
0.62	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.370		0.0318
0.58	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.207		0.0362
1.10	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.381		0.0527
0.63	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.354	J-QC/FMS	0.0377
0.96	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.096	J-QC/FFD/RPO	0.0559
0.55	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.378		0.0585
0.53	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.403		0.0340
0.39	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0293	K	0.0458
0.64	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.468	J-QC/FFB	0.0554
0.55	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.152	J-QC/FFD/RPO	0.0413
1.86	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.523		0.0584
1.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.319		0.0526
1.46	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.725		0.0535
2.06	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.499		0.0349
1.80	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	—	A/LBF	0.195	J-QC/FFB	0.0461
0.78	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0293	K	0.0559
[redacted]						
0.76	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.416		0.0512
0.58	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPOFLS	0.873	J-QC/FMS	0.0287
0.65	BJ-QC/FBK/FFB	<2	K	0.730	J-QC/FSL/FMS	0.0329
0.54	BJ-QC/FBK/FFB	<2	K	0.565		0.0507
0.71	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	0.586		0.0631

0.56	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.596	J-QC/FMS	0.0643
0.63	BJ-QC/FBK/FFB	<2	K	0.471		0.0631
0.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.507		0.0555
0.88	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.502	J-QC/FMS	0.0479
<0.30	KBJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.319		0.0542
0.45	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.497	J-QC/FMS	0.0524
0.50	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.235	J-QC/FMS	0.0410
0.64	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB/FFDRPO	0.322	J-QC/FMS	0.0422
0.64	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.876	J-QC/FMS	0.0641
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.491		0.0570
0.61	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.459		0.0603
0.46	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.348		0.1604
0.39	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.290	J-QC/FMS	0.1711
0.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.486		0.1564
0.48	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.370		0.1328
0.54	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.653		0.0886
—	NA	—	NRP	0.321	J-QC/FMS	0.0569
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.395	J-QC/FLD/RPOFMS	0.0608
—	NA	<2	KJ-QC/FMS	0.244	J/LLS	0.0381
—	NA	<2	KJ-QC/FMS	0.331	J-QC/LLS	0.0266
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.861	J-QC/FSL/FMS	0.0342
—	NA	<2	KJ-QC/FMS	0.268	J/LLS	0.0282
—	NA	<2	KJ-QC/FMS	0.613		0.0440
—	NA	<2	KJ-QC/FMS	1.209	J-QC/FMS	0.0592
0.63	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	—	NRP	0.0589
1.32	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.426	J-QC	0.0559
1.47	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.539	J-QC/FSL/FMS	0.0692
1.46	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	1.544	J-QC/FSL/FMS	0.0500
1.07	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.323	J/LLS	0.0279
0.49	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.102	J-RJ-QC/LLS/FMS	0.0396
0.59	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.153	J-RJ-QC/LLS/FMS	0.0326
0.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.663		0.0352
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	0.464		0.0484
0.42	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.102	J-RJ-QC/LLS/FMS	0.0470
1.05	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.542		0.0440
0.38	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.500	J-QC/FMS	0.0461
0.50	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.561		0.0553
<0.30	KBJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.446		0.0461
<0.30	KBJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-HT/EHT	0.555		0.0569
0.38	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.428		0.0519
0.31	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.555		0.0642
0.50	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.542		0.0652
0.65	BJ-QC/FBK/FFBFLS	<2	K	0.691		0.0680
0.69	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.321	J-QC/LLS/FFDRPO	0.0600
0.78	BJ-QC/FBK/FFBFMS	<2	K	0.294	J-QC/LLS/FFB	0.0360
1.46	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.635		0.0419
1.22	BJ-QC/FBK/FFBFMS	<2	K	0.157	J/LLS	0.0370
1.46	BJ-QC/FBK/FFB	3		0.119	J-QC/LLS/FFB	0.0462

1.17	BJ-QC/FBK/FFB	<2	KJ-QC	0.489	J-QC/FFB	0.0327
0.49	BJ-QC/FBK/FFBFMS	4		0.176	J/LLS	0.0232
0.50	BJ-QC/FBK/FFB	<2	K	0.131	J/LLS	0.0407
0.74	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.398	J/LLS	0.0515
0.97	BJ-QC/FBK/FFBFMS	<2	K	0.222	J-QC/LLS/FFB	0.0495
0.70	BJ-QC/FBK/FFBFMS	<2	K	0.452		0.0503
0.74	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	—	NRP/LBF	0.0486
0.72	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.641	J-QC/FFB	0.0387
0.76	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0365
0.64	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.190	J-QC/LLS/FSL	0.0376
0.65	BJ-QC/FBK/FFBFMS	<2	K	0.340	J-QC/LLS/FFDRPO	0.0385
0.63	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	<0.0267	KJ-QC/FFD/RPO	0.0387
0.59	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.151	)C/LLS/FLDRPOFSLF	0.0456
0.56	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.045	J-R/LLS	0.0454
0.60	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.357	J-QC/LLS/FFDRPO	0.0514
0.42	BJ-QC/FBK/FFBFMS	<2	K	0.619		0.0562
0.56	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.368	J/LLS	0.0640
0.78	BJ-QCJ-HT/FBK/FFBFMS	<2	K	1.165		0.0874
0.66	BJ-QCJ-HT/FBK/FFBFMS	<2	K	1.069	J-QC/FSL	0.0793
0.64	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.515	J-QC/FMS	0.0844
0.50	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.114	J/LLS	0.0512
0.61	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.487		0.0559

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	0.73	0.210	0.19	–
	0.74	0.192	0.10	–
[redacted]				
	1.24	0.196	0.18	–
	0.62	0.207	0.25	–
	0.59	0.121	0.14	–
	0.58	0.171	0.16	–
	0.64	0.130	0.13	–
	0.64	0.154	0.17	–
	0.94	0.203	0.16	–
	0.52	0.116	0.13	–
	1.30	0.149	0.15	–
	0.53	0.187	0.16	–
	1.21	0.210	0.22	–
	0.48	0.199	0.21	–
	0.71	0.249	0.25	–
	0.69	0.260	0.21	–
	0.69	0.189	0.18	–
	0.80	0.223	0.21	–
	1.04	0.250	0.18	–
	0.69	0.222	0.20	–
	0.70	0.265	0.32	–
	0.68	0.263	0.24	–
	0.68	0.288	0.33	–
	0.49	0.169	0.19	–
	0.62	0.205	0.10	–
	0.67	0.187	0.19	–
	0.78	0.183	0.13	–
	0.81	0.225	0.20	–
[redacted]				
	0.56	0.147	0.14	–
	0.69	0.070	0.06	–
	0.50	0.102	0.18	–
	0.49	0.142	0.13	–
	0.86	0.130	0.14	–
	0.44	0.121	0.12	–
	0.97	0.175	0.16	–
	0.80	0.169	0.14	–
	0.71	0.134	0.18	–
	0.87	0.138	0.13	–
	0.69	0.185	0.21	–
	0.43	0.180	0.18	–
	0.66	0.221	0.21	–
	0.55	0.242	0.22	–
	0.76	0.265	0.22	–
	0.33	0.224	0.25	–

0.47	0.249	0.24	—
0.44	0.262	0.28	—
0.56	0.179	0.19	—
0.65	0.205	0.20	—
0.62	0.249	0.25	—
0.76	0.260	0.26	—
0.84	0.246	0.20	—
0.57	0.154	0.20	—
0.63	0.130	0.14	—
0.72	0.16	0.17	—
0.49	0.109	0.19	—
0.36	0.103	0.10	—
0.62	0.107	0.12	—
0.80	0.213	0.17	—
0.70	0.137	0.13	—
0.54	0.098	—	—
0.54	0.127	0.17	—
0.27	0.134	0.13	—
0.65	0.150	0.17	—
0.44	0.165	—	—
0.40	0.160	—	—
0.58	0.156	0.15	—
0.29	0.203	—	—
0.42	0.176	0.16	—
0.75	0.274	0.36	—
0.63	0.219	—	—
0.53	0.193	—	—
0.56	0.189	—	—
0.82	0.173	—	—
0.65	0.184	0.18	—
0.43	0.113	0.10	—
0.43	0.152	0.13	—
1.49	0.078	0.05	—
0.533	0.091	0.16	—
0.499	0.143	0.13	—
0.614	0.111	0.11	—
0.574	0.124	0.10	—
0.569	0.091	0.06	—
0.337	0.086	0.07	—
0.690	0.304	0.21	—
1.13	0.202	—	—
1.03	0.196	0.17	—
0.984	0.26	0.17	—
0.917	0.23	0.22	—
0.683	0.19	0.17	—
0.723	0.17	0.13	—

	—		0.09		0.11	—	
	0.497		0.07		0.16	—	
	1.16		0.11		0.11	—	
	0.737		0.11		0.11	—	
	0.519		0.13		0.13	—	
	0.910		0.14		0.13	—	
	0.730		0.27		0.19	—	
	1.54		0.16		0.17	—	
	1.45		0.20		0.19	—	
	1.40		0.20		0.18	—	
	0.551		0.21		0.20	—	
	0.804		0.25		0.19	—	
	0.523		0.17		0.17	—	
	0.262		0.17		0.16	—	
	0.650		0.22		0.19	—	
	1.04		0.29		0.24	—	
	2.28		0.17		0.16	—	
	0.778		0.16		0.15	—	
	1.03		0.15		0.12	—	
	0.804	J-QC/FFD/RPO	0.10	J-QC/FFB	0.10	—	
J-QC/FFB	0.501		0.09		0.11	—	
J-QC/FFB	0.790	J-QC/FLS	0.09		0.08	—	
	0.610		0.11		0.11	—	
	0.688	J-QC/FFD/RPO	0.14		0.10	—	
J-QC/FFB	0.631		0.11		0.11	—	
	0.439		0.13		0.12	—	
	0.396		0.11	J-QC/FFD/RPO	0.10	—	
	0.949		0.16		0.13	—	
	0.445		0.13		0.14	—	
	0.503	J-QC/FFB	0.13		0.14	—	
	0.422	J-QC/FFB	0.28		0.15	—	
	0.408	J-QC/FFB	0.15		0.18	—	
	0.529		0.15		0.14	—	
	0.642		0.21	J-QC/FFB	0.14	—	
	0.250		0.13		0.12	—	
	0.642		0.19	J-QC/FFD/RPO	0.17	—	
J-QC/FFB	0.432		0.19		0.19	—	
	1.04	J-QC/FFB	0.20		0.18	—	
	0.311	J-QC/FFB	0.28	J-QC/FFB	0.17	—	
	0.953	J-QC/FFB	0.18		0.16	—	
J-QC/FFB	0.508		0.16		0.14	—	
	0.508		0.16		0.14	—	
	0.637		0.14		0.12	—	
	0.359		0.13		0.08	—	NA
	0.340		0.08		0.07	—	NA
	0.553		0.09	J-QC/FLD/RPO	0.08	—	NA
	0.391		0.14		0.11	—	NA
	0.351		0.15		0.07	J-QC/FLS —	NA

J-QC/FFB	0.477		0.19	J-QC/FFB/FFDRPO	0.16	J-QC/FFD/RPO	—	NA
	0.282		0.16		0.13		—	NA
	0.414		0.16		0.14		—	NA
	0.472		0.18		0.15		—	NA
	0.447		0.15		0.12		—	NA
	0.326		0.21		0.15		—	NA
	0.339		0.22		0.20		—	NA
	0.465		0.24		0.21	J-QC/FLD/RPOFLS	—	NA
	0.342		0.19	J-QC/FLD/RPOFLS	0.17		—	NA
	0.410		0.23		0.20		—	NA
	0.390		0.23		0.20		—	NA
	0.760		0.36		0.32		—	NA
	0.477		0.18		0.15		—	NA
	0.523		0.17		0.15		—	NA
	0.275		0.19		0.16		—	NA
	0.468		0.20	J-QC/FLS	0.17		—	NA
	0.699		0.27		0.23		—	NA
	0.473		0.13		0.13		—	NA
	0.819		0.14		0.12		—	NA
[redacted]								
	0.4800		0.15		0.12		—	NA
J-QC/FFB	0.6690		0.09		0.06		—	NA
	0.4127	J-QC/FFD/RPO	0.07		0.08		—	NA
J-QC/FFB	0.5201	J-QC/FFB/FFDRPOFLS	0.07		0.06		—	NA
	0.6766		0.10		0.09		—	NA
	0.3672		0.09		0.08		—	NA
	0.4640		0.11		0.11		—	NA
	0.6518	J-QC/FFB/FFDRPOFLS	0.11		0.12		—	NA
	0.4172	J-QC/FLS	0.12		0.09		—	NA
	1.4679		0.11		0.08		—	NA
J-QC/FFB	0.7396		0.12		0.11		—	NA
J-QC/FFB	0.4644	J-QC/FFB/FLS	—	A/LBF	0.09		—	NA
J-QC/FFB	0.3506		0.12	J-QC/FLD/RPOFLS	0.10	J-QC/FLS	—	NA
J-QC/FFB	0.3494		0.14	J-QC/FLD/RPO	0.12		—	NA
	0.2181	J-QC/FFB	0.14		0.13		—	NA
	0.3348		0.20		0.18		—	NA
	0.3663		0.16		—	A/LBF	—	NA
J-QC/FFB	0.4193		0.16		0.13		—	NA
	0.3016		0.14		0.11		—	NA
J-QC/FFB	0.3799		0.13		0.09		—	NA
J-QC/FFB	0.4835		0.15		0.14		—	NA
	0.5811		0.16		0.12	J-QC/FFD/RPO	—	NA
J-QC/FFB	0.7272		0.11		0.09		—	NA
J-QC/FFB	0.4851		0.11		0.09		—	NA
[redacted]								
J-QC/FFB	0.6867		0.16		0.12		—	NA
J-QC/FFB	0.4866		0.08		0.07		—	NA
	0.8076		0.10		0.09		—	NA
J-QC/FFB	0.5529		0.14		0.12		—	NA
J-QC/FFB	0.5034		0.15		0.10		—	NA

J-QC/FFB	0.7315		0.13		0.12		—	NA
J-QC/FFB	0.7151	J-QC/FFB	—	C	0.12		—	NA
J-QC/FFB	0.6494	J-QC/FLS	0.16		0.12		—	NA
J-QC/FFB	1.2738		0.15		0.12		—	NA
J-QC/FFB	0.5482		0.14	J-QC/FFB	0.11		—	NA
J-QC/FFB	0.5629		0.13		0.12		—	NA
J-QC/FFB	0.5229	J-QC/FLS	0.12		0.11		—	NA
	0.4454		0.14		0.14		—	NA
	0.5376	J-QC/FFB	0.24		0.22		—	NA
	0.7387		0.21		0.20		—	NA
J-QC/FFB	0.5188	J-QC/FLS	0.18		0.18		—	NA
	0.2637	J-QC/FLS	0.21	J-QC/FLS	0.18		—	NA
	0.5846		0.17	J-QC/FLD/RPO	0.17		—	NA
	0.5162		0.20		0.19		—	NA
	0.6836		0.20		0.18		—	NA
	0.8653	J-HT/EHT	0.20		0.20		—	NA
	0.5181	J-QCJ-HT/FLS/EHT	0.16		0.14		—	NA
J-QC/FFB	0.8020		0.14		0.13		—	NA
[redacted]								
J-QC/FFB	0.3786	J-QC/FFD/RPO	0.11	J-QC	0.09	J-QC/FFD/RPO	—	NA
J-QC/FFB	0.5103	J-QC/FFB	0.09	J-QC	0.09	J-QC	—	NA
[redacted]	0.4847	[redacted]	0.11	[redacted]	0.07	[redacted]	—	NA
J-QC/FFB	0.4939	J-HT/EHT	0.08		0.07		—	NA
J-QC/FFB	0.5946	J-QC/FFB/FFDRPO	0.12	J-QC	0.11		—	NA
J-QCJ-HT/FFB/EHT	0.6827	J-QCJ-HT/FFB/EHT	0.17	J-QC/FLD/RPOFMS	0.13		—	NA
J-QC/FFB	0.3639	[redacted]	0.14	[redacted]	0.11	J-QC/FLD/RPO	—	NA
J-QCJ-HT/EHT	0.3499	J-QC	0.12	J-QC	0.13	J-QC	—	NA
[redacted]	0.5514	[redacted]	0.14	J-QC	0.15	J-QC	—	NA
	0.3793		0.15	J-QC	0.16	J-QC	—	NA
J-QC/FFB/FLS	0.9072	J-QC/FFD/RPOFLS	0.08	[redacted]	0.09	J-QC	—	NA
[redacted]	0.3470	J-QC/FLS	0.14	J-QC/FLD/RPOFSL	0.11	[redacted]	—	NA
J-QC/FFB	0.5934	[redacted]	0.13	[redacted]	0.12		—	NA
[redacted]	0.3084	J-QC/FFB/FLS	0.12	J-QC/FFD/RPO	0.11	J-QC/FLD/RPO	—	NA
J-QC/FFB/FLS	0.3663	[redacted]	0.17	J-QC	0.16	[redacted]	—	NA
J-QC/FFB	0.5232		0.20	J-QC	0.14	J-QC	—	NA
J-QC/FFB	0.5276		0.16	J-QC/FLD/RPO	0.17	[redacted]	—	NA
J-QC/FFB	0.5220	J-QC/FFD/RPO	0.17	[redacted]	0.16		—	NA
[redacted]	0.5988	J-QC/FFB	0.22	J-QC	0.17	J-QC	—	NA
J-QC/FFB	0.4655	[redacted]	0.16	J-QC/FMS	0.15	[redacted]	—	NA
[redacted]	0.3819		0.17	[redacted]	0.15		—	NA
	0.4082	J-QC/FFB	0.19		0.16		—	NA
J-QC/FFB	0.5146	J-QC/FLS	0.17		0.15		—	NA
[redacted]	0.5961	[redacted]	0.21	J-QC/FFB	0.17	J-QC/FFD/RPO	—	NA
[redacted]	0.5677	J-QC/FFB	0.27	J-QC/FFD/RPO	0.14	[redacted]	—	NA
J-QC/FFB	0.7220	J-HT/EHT	0.15	I-QC/FFB/FFDFLDRPC	0.13		—	NA
[redacted]								
	0.5227		0.09		0.09		—	NA
J-QC/FFB	0.4031		0.12		0.10		—	NA
J-QC/FFB	0.5740		0.13		0.11		—	NA
I-QC/FFB/FFDRPC	0.4577		0.08	J-QC/FFB/FLDRPO	0.06		—	NA

J-QC/FFB	0.3886		0.11	J-QC/FMS	0.09		—	NA
	0.3069		0.10	J-QC/FFB	0.07		—	NA
	0.3931		0.10		0.09		—	NA
J-QC/FFB	0.3986		0.10		0.09		—	NA
J-QC/FFB	0.3478	J-HT	0.11	J-QC/FMS	0.11		—	NA
J-QC/FFB	0.5953		0.11	J-QC/FLD/RPO	0.11		—	NA
J-QC/FFB	0.2979		0.11		0.13		—	NA
J-QC/FFB	0.3598		0.16	J-QC/FMS	0.15	J-QC/FFB	—	NA
J-QC/FFB	0.3185	J-QC	0.13	-QC/FFB/FLDRPOFM	0.11		—	NA
J-HT/EHT	0.3353		0.18	J-QC/FFB	0.15		—	NA
J-QC/FFB	0.3613		0.16		0.14	J-QC/FMS	—	NA
J-QCJ-HT/FFB	0.2884		0.12		0.11		—	NA
	0.4428		0.15	J-QC	0.14		—	NA
J-QC/FFB	0.3616	J-HT	0.16		0.11	J-QC/FFB	—	NA
	0.4921		0.17		0.15		—	NA
J-QC/FFB	0.4312		0.19	J-QC/FMS	0.17		—	NA
	0.6679		0.19	J-QC/FFB/FMS	0.15		—	NA
	0.4588	J-QC	0.23		0.19		—	NA
J-QC/FFB	0.4706		0.20		0.16		—	NA
J-QC/FFB	0.5308	J-QC	0.20		0.17		—	NA
	0.4528		0.18	J-QC/FFB	0.14		—	NA
J-QC/FFB	0.9513		0.16		0.14	J-QC	—	NA

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
2.8	0.00	0.00
4.7	0.00	0.36
[redacted]		
3.0	0.00	0.00
5.5	0.00	0.00
2.0	0.00	0.05
3.8	0.01	0.10
1.9	0.29	0.47
1.5	0.27	0.53
1.2	0.00	0.00
1.3	0.00	0.31
1.3	0.00	0.00
<0.5	0.00	0.00
3.1	0.00	0.57
6.8	0.00	0.00
1.2	0.09	0.94
2.5	0.00	0.02
0.5	0.39	0.39
5.0	0.00	0.00
3.9	0.00	0.00
<0.5	0.00	0.10
4.3	0.00	0.00
4.6	0.00	0.00
0.7	0.53	2.80
34.0	0.04	0.04
7.6	0.00	0.00
5.4	0.78	0.78
5.3	0.01	0.04
4.7	0.00	0.66
[redacted]		
12.9	0.00	0.01
<0.5	0.00	0.01
1.0	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.05	0.05
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.66	0.66
2.5	0.46	0.50
1.9	0.95	1.78
1.8	0.00	0.04
2.3	0.00	0.00
5.8	0.00	0.00

2.9	0.00	0.00	[redacted]
2.7	0.00	0.00	
9.8	0.00	0.00	
1.5	0.00	0.00	
2.3	0.00	0.00	
2.3	0.00	0.00	
2.8	0.03	0.03	
4.2	0.00	0.00	
6.5	0.00	0.00	
[redacted]			
6.3	0.04	0.04	
7.4	0.00	0.11	
3.0	0.00	0.00	
3.6	0.00	0.00	
4.2	0.00	0.00	
23.7	0.00	0.00	
—	0.22	0.22	
2.2	0.00	0.00	
1.7	0.00	0.00	
2.0	0.12	0.13	
—	0.00	0.00	
—	0.00	0.00	
5.1	0.00	0.00	
—	0.00	0.00	
5.2	0.00	0.00	
8.3	0.57	1.19	
—	0.02	0.37	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.01	
2.3	0.01	1.12	
1.2	0.04	0.23	
1.0	0.20	0.20	
[redacted]			
1.7	0.00	0.00	
1.1	0.00	0.00	
2.4	0.24	0.26	
1.1	0.00	0.06	
2.0	0.00	0.25	
0.9	0.17	0.27	
1.1	0.00	0.32	
7.2	0.00	1.48	
2.0	0.00	0.00	
1.6	1.09	1.14	
5.2	0.00	0.00	
4.4	0.00	0.00	
5.5	0.01	1.37	
[redacted]			
1.9	0.01	0.01	

3.4		0.00	0.00
3.0		0.00	0.00
3.7		0.00	0.00
3.3		0.00	0.00
4.3		0.12	0.98
4.5		0.28	0.28
4.0		0.00	0.00
4.4		0.00	0.03
5.1		0.00	0.00
4.8		0.18	0.18
2.6		0.00	0.00
2.7		0.00	0.00
3.2		0.00	0.00
2.6		0.71	0.71
2.8		0.00	0.00
6.9		0.00	0.00
2.9		0.01	0.01
22.7		0.65	0.65
3.4		0.00	0.12
[redacted]			
4.3		0.00	1.25
3.9		0.00	0.00
5.4	J-QC/FFB	0.00	0.00
4.5		0.32	0.32
4.1		0.34	0.88
5.4		0.00	0.00
7.4		0.43	0.68
3.9	J-QC/FFD/RPO	2.01	2.01
—	NAPEFAI/EQF	0.00	0.00
4.1	J-QC/FFB	0.00	0.08
4.2		0.00	0.00
4.6	J-QC/FFB	1.44	1.44
4.0		3.33	3.33
2.3	J-QC/FFB/FSL	0.00	0.00
5.3		0.04	0.04
4.0		0.00	1.13
5.1	J-QC/FFB	0.00	0.01
4.6	J-QC/FFB	0.00	0.00
4.1	J-QC/FFB	0.00	0.00
4.1	J-QC/FFB	0.00	0.00
3.7	J-QC/FFB	0.04	0.04
3.7	J-QC/FFB	0.00	0.17
4.5	J-QC/FFB	0.00	0.00
4.7	J-QC/FFB	0.00	0.00
[redacted]			
5.30	J-QC/FFB/FFDRPO	0.00	0.00
3.80		0.00	0.00
3.95		0.00	0.00
3.80	J-QC/FFB	1.43	1.43
3.70		0.00	0.00

3.78	J-QC/FFB	0.00	0.00
3.79	J-QC/FFB	0.02	1.13
3.84	J-QC/FFB	0.00	0.00
4.05	J-QC/FFB	0.00	0.43
3.70	J-QC/FFD/RPO	0.00	0.00
3.30	J-QC/FFB	1.09	1.09
3.23		0.00	0.00
3.40	J-QC/FFB	0.00	0.00
3.00	J-QC/FFB	0.01	0.01
3.80	BJ-QC/FBK/FFB	0.00	0.00
5.80	J-QC/FFB	0.00	0.00
3.70	J-QC/FFB	0.71	0.73
3.20	J-QC/FFB	0.00	0.00
3.30	J-QC/FFB	0.00	0.00
3.20	J-QC/FFB	0.09	0.09
3.20	J-QC/FFB	0.16	1.21
2.90		0.27	0.28
3.80		0.50	0.50
4.30		0.00	0.00
[redacted]			
4.1		0.00	0.00
4.7	J-QC/FFB	0.10	0.10
4.2		0.00	0.00
2.5	J-QC/FFB	0.67	0.71
4.0	BJ-QC/FBK/FFB	0.57	0.57
2.5	J-QC/FFB	0.00	0.00
3.0	J-QC/FFD/RPO	2.39	3.03
4.2	BJ-QC/FBK/FFDRPO	0.03	0.03
3.0	J-QC/FFB	0.00	0.00
2.7		0.12	0.12
2.5	J-QC/FFB	0.08	0.08
3.0	J-QC/FFB/FFDRPO	0.00	0.00
2.9	J-QC/FFB	0.00	0.00
4.2	J-QC/FFB	0.00	0.00
3.2	J-QC/FFB	0.00	0.00
3.2	J-QC/FFB	0.69	0.69
4.0	J-QC/FFB	0.00	0.00
3.2	J-QC/FFB	0.00	0.70
5.0	J-QC/FFB	0.00	0.00
4.5	J-QC/FFB	0.00	0.00
4.1	BJ-QC/FBK/FFB	0.07	0.07
2.9		0.00	0.00
3.0		0.00	0.00
3.7		0.00	0.00
[redacted]			
3.1		1.48	1.62
2.7	J-QC/FFB	0.01	0.03
3.0	BJ-QC/FBK/FFB	0.00	0.00
1.5	J-QC/FFB	0.30	2.82
2.5	J-QC/FFB	0.91	1.11

2.2	J-QC/FFB	0.03	0.03
2.6	J-QC/FFB	0.18	0.91
2.3	J-QC/FFB	1.94	1.94
2.4	J-QC/FFB	1.36	1.37
2.4	BJ-QC/FBK/FFB	1.12	1.12
2.5		0.00	0.00
2.2	J-QC/FFB/FFDRPO	0.00	0.00
2.3	BJ-QC/FBK/FFBFLDRPO	0.00	0.02
3.5		0.00	0.23
1.8	J-QC/FFB	0.00	0.29
2.1	J-QC/FFD/RPO	0.00	0.00
1.9		0.00	0.11
1.4		0.00	0.00
1.6		1.00	1.00
1.8		0.00	0.00
3.1	J-QC/FFB	0.00	0.35
3.6	BJ-QC/FBK/FFB	0.00	0.46
2.7	J-QC/FFB/FFDRPO	0.02	0.05
[redacted]			
4.21	J-QC/FFB	0.54	0.54
3.68	BJ-QC/FBK/FFB	0.02	0.02
2.76	J-QC/FFB	0.00	0.68
3.0	J-QC	0.00	0.00
2.4	J-QC/FFD/RPO	0.00	0.00
2.6	J-QC	1.46	2.61
3.2	J-QC/FFB/FFDRPOFMS	0.00	0.00
4.7	J-QC	0.00	0.00
5.5	J-QC	0.00	0.00
2.9		3.71	3.89
4.8	J-QC	0.00	0.00
4.02	B/FBK	0.02	1.47
4.5	J-QC/FLD/RPO	0.00	0.00
9.2		0.00	0.00
3.7	J-QC/FFB/FFDRPO	0.00	0.57
3.3	J-QC/FFB	0.88	0.88
2.8	J-QC	0.00	0.00
4.9	J-QC	1.01	1.41
9.3	J-QC/FSL	0.49	0.49
4.1		0.85	0.86
1.7		0.00	0.00
1.8	J-QC	0.04	0.04
2.1	J-QC/FLD/RPOFSL	0.00	0.48
3.71	J-QC	0.00	0.00
5.52	J-QC/FFD/RPOFSL	0.00	0.19
4.72	J-QC/FFD/RPO	0.00	0.00
[redacted]			
2.4	J-QC/FMS	0.00	0.14
1.8	J-QC/FFB/FMS	0.00	0.95
4.6	J-QC/FFB	0.00	0.00
4.2		0.67	0.78

4.0	B/FBK	1.02	1.06
3.4	B/FBK	0.00	0.00
5.0		0.00	0.00
3.5	J-QC/FMS	0.78	0.78
3.2	J-QC/FMS	0.03	0.03
2.9	J-QC/FLD/RPO	0.00	0.00
3.6	J-QC/FFB	0.20	0.22
2.4	J-QC/FMS	1.20	1.20
0.6		0.00	0.00
0.4	J-R/LLS	0.73	1.48
1.4	J-QC/FMS	0.28	0.36
1.3		0.00	0.07
1.8	3J-QC/FBK/FFBFLDRPOFMS	0.09	0.09
1.6		0.00	0.00
3.2		0.00	0.00
1.8	J-QC/FFD/RPO	0.00	0.00
2.9		0.00	0.00
2.5	J-QC/FFB/FFDRPO	0.00	0.00
2.9		0.00	0.00
2.1	J-QC/FFD/RPO	0.01	0.01
2.4	J-QC/FLD/RPO	1.86	1.88
2.5		0.08	0.18

Station #22 Rahway River	Time	pH	Temp (^{0}C)	DO (mg/L)
2004				
February 10, 2004	—	—	—	—
February 19, 2004	09:30	7.90	6.8	—
March 4, 2004	—	8.30	9.9	—
March 18, 2004	06:50	7.70	5.4	—
April 6, 2004	09:30	8.45	6.2	12.06
April 20, 2004	—	—	—	—
May 5, 2004	09:20	8.90	15.4	5.85
May 18, 2004	07:22	8.30	20.0	3.86
June 7, 2004	07:14	8.10	17.3	7.17
June 17, 2004	07:30	8.20	25.3	7.91
July 6, 2004	07:20	7.80	24.7	6.02
July 19, 2004	07:30	8.26	21.3	6.81
August 16, 2004	07:30	7.73	22.0	5.90
August 26, 2004	07:30	7.75	22.0	7.90
September 21, 2004	07:45	8.10	16.8	5.35
September 30, 2004	07:45	8.40	17.4	6.94
October 13, 2004	07:30	8.14	14.9	10.79
October 25, 2004	07:30	7.70	14.6	9.57
November 3, 2004	07:30	7.70	12.6	7.37
November 30, 2004	07:30	7.63	7.6	—
December 8, 2004	07:30	7.90	6.8	11.40
December 20, 2004	07:30	8.70	2.3	17.82
2005				
January 12, 2005	07:30	8.03	8.7	13.02
February 8, 2005	07:30	7.37	14.3	5.30
February 16, 2005	07:30	7.17	6.7	9.36
March 10, 2005	07:30	8.07	2.5	12.61
April 13, 2005	07:25	7.33	12.4	6.58
April 26, 2005	07:25	7.66	10.5	8.58
May 5, 2005	07:35	7.86	13.2	6.80
May 17, 2005	07:25	7.73	17.2	6.66
June 1, 2005	07:30	7.92	17.9	9.11
June 14, 2005	07:30	7.42	26.2	5.16
July 7, 2005	07:30	7.27	25.1	4.78
July 18, 2005	07:30	7.63	27.0	5.30
August 11, 2005	07:25	7.76	25.3	2.78
August 15, 2005	07:30	7.73	27.9	3.19
September 13, 2005	07:30	7.62	22.2	3.00
September 27, 2005	07:30	6.90	20.1	4.72
October 5, 2005	07:30	7.92	19.9	4.41
October 19, 2005	07:30	7.62	15.1	7.38
November 17, 2005	07:30	8.49	12.3	8.69
November 21, 2005	07:30	8.39	6.6	9.00
December 20, 2005	07:30	7.85	2.4	11.53
2006				
January 5, 2006	07:30	7.78	5.7	9.40

January 30, 2006	09:50	7.07	8.0	12.18
February 14, 2006	—	8.23	3.3	13.56
February 22, 2006	07:30	8.07	3.5	12.53
March 22, 2006	09:30	8.24	7.6	15.66
March 30, 2006	07:30	8.65	10.4	16.82
April 18, 2006	07:30	7.77	14.3	6.79
April 27, 2006	07:30	7.61	14.8	6.81
May 10, 2006	07:30	7.45	16.3	7.46
May 25, 2006	07:30	7.55	18.4	5.84
June 14, 2006	07:30	7.59	20.3	6.78
June 28, 2006	07:30	7.43	22.2	6.64
July 11, 2006	07:35	7.99	24.4	—
July 26, 2006	—	7.95	24.9	7.56
August 9, 2006	07:30	7.42	24.7	3.74
August 22, 2006	07:30	7.76	24.9	6.20
September 6, 2006	—	7.34	18.3	4.92
September 19, 2006	07:30	7.54	20.3	5.47
October 18, 2006	—	7.80	13.7	9.97
October 31, 2006	07:30	7.98	10.0	8.99
November 14, 2006	07:35	8.14	14.3	9.00
November 29, 2006	07:25	7.95	10.6	9.66
December 13, 2006	09:30	7.89	7.2	9.97
December 18, 2006	09:50	7.96	9.0	10.33
2007				
January 10, 2007	07:30	8.25	5.5	10.56
January 24, 2007	10:12	7.88	3.2	12.80
February 22, 2007	07:25	8.12	1.0	13.35
March 12, 2007	09:30	8.46	4.7	9.99
March 20, 2007	10:00	7.33	4.8	11.45
April 2, 2007	07:30	7.64	10.2	10.54
April 24, 2007	07:30	7.48	16.6	6.99
May 2, 2007	07:30	7.45	12.3	9.04
May 15, 2007	—	7.44	16.4	6.99
June 12, 2007	07:27	8.75	21.8	5.02
June 25, 2007	09:53	7.54	21.8	7.14
July 10, 2007	07:30	7.46	25.8	4.76
July 25, 2007	—	7.42	20.9	6.81
August 7, 2007	07:35	8.20	24.4	3.52
August 20, 2007	07:40	7.66	20.4	6.23
September 12, 2007	07:30	7.54	20.8	5.44
September 27, 2007	09:35	7.61	23.5	6.10
October 3, 2007	07:30	7.48	19.2	5.74
October 16, 2007	07:30	7.38	16.7	5.42
November 15, 2007	07:30	7.95	11.6	8.81
November 27, 2007	07:30	8.08	9.8	10.27
December 11, 2007	07:30	8.10	4.4	10.74
2008				
January 29, 2008	07:40	7.92	1.3	12.94
February 25, 2008	07:30	8.06	2.2	11.91
March 26, 2008	—	—	—	—

April 8, 2008		—	6.79	9.3	11.74
May 7, 2008		07:25	7.37	16.9	5.15
May 13, 2008		07:30	7.97	12.7	8.13
June 11, 2008		—	6.98	24.7	6.60
June 24, 2008		07:45	7.70	21.3	6.25
July 9, 2008		07:40	7.92	23.5	4.48
July 22, 2008		07:35	7.48	25.3	5.60
August 13, 2008		07:30	7.64	21.8	3.22
August 26, 2008		07:35	7.56	21.3	5.43
September 9, 2008		08:30	7.29	22.6	5.09
September 17, 2008		08:00	7.63	21.4	7.39
October 8, 2008		07:50	7.31	14.7	5.46
November 24, 2008		07:40	7.60	2.2	11.88
December 2, 2008		—	7.47	5.2	10.69
2009					
January 29, 2009	A	08:30	7.73	0.1	14.44
January 29, 2009	B	08:30	—	—	—
February 3, 2009	A	07:55	7.55	2.6	12.18
February 3, 2009	B	07:55	—	—	—
March 4, 2009	A	08:05	7.89	0.1	12.82
March 4, 2009	B	08:05	—	—	—
April 7, 2009	A	08:23	7.50	10.0	9.83
April 7, 2009	B	08:23	—	—	—
May 7, 2009	A	07:45	7.74	13.5	9.25
May 7, 2009	B	07:45	—	—	—
May 14, 2009	A	07:40	7.39	15.6	6.33
May 14, 2009	B	07:40	—	—	—
June 4, 2009	A	08:00	7.99	17.6	7.88
June 4, 2009	B	08:00	—	—	—
June 18, 2009	A	08:30	7.59	18.3	5.87
June 18, 2009	B	08:30	—	—	—
July 16, 2009	A	07:50	7.33	21.9	6.06
July 16, 2009	B	07:50	—	—	—
July 23, 2009	A	08:05	7.63	23.7	3.69
July 23, 2009	B	08:05	—	—	—
August 6, 2009	A	07:53	7.77	24.6	4.16
August 6, 2009	B	07:53	—	—	—
August 20, 2009	A	07:55	7.62	27.2	5.57
August 20, 2009	B	07:55	—	—	—
September 3, 2009	A	07:50	7.63	22.5	3.97
September 3, 2009	B	07:50	—	—	—
September 29, 2009	A	08:00	7.91	17.2	5.74
September 29, 2009	B	08:00	—	—	—
October 14, 2009	A	09:53	7.07	12.3	7.47
October 14, 2009	B	09:53	—	—	—
November 5, 2009	A	07:45	7.33	11.5	6.86
November 5, 2009	B	07:45	—	—	—
December 7, 2009	A	08:17	7.06	5.5	11.31
December 7, 2009	B	08:17	—	—	—
2010					

January 4, 2010	A	08:25	8.25		0.4		13.96
January 4, 2010	B	08:25	—	NA	—	NA	—
February 8, 2010	A	09:16	8.51		0.7		13.24
February 8, 2010	B	09:16	—	NA	—	NA	—
March 9, 2010	A	08:44	7.28		7.7		9.24
March 9, 2010	B	08:44	—	NA	—	NA	—
April 7, 2010	A	08:10	7.55		17.1		7.14
April 7, 2010	B	08:10	—	NA	—	NA	—
May 13, 2010	A	07:45	7.11		12.1		9.60
May 13, 2010	B	07:45	—	NA	—	NA	—
May 27, 2010	A	08:00	8.16		22.7		11.69
May 27, 2010	B	08:00	—	NA	—	NA	—
June 17, 2010	A	08:23	8.00		21.7		7.56
June 17, 2010	B	08:23	—	NA	—	NA	—
June 30, 2010	A	08:07	7.69		24.8		5.62
June 30, 2010	B	08:07	—	NA	—	NA	—
July 15, 2010	A	07:50	7.99		23.8		4.16
July 15, 2010	B	07:50	—	NA	—	NA	—
July 29, 2010	A	08:05	7.24		26.7		2.87
July 29, 2010	B	08:05	—	NA	—	NA	—
August 12, 2010	A	08:03	7.17		27.0		5.19
August 12, 2010	B	08:03	—	NA	—	NA	—
August 26, 2010	A	08:00	7.07		21.1		4.68
August 26, 2010	B	08:00	—	NA	—	NA	—
September 16, 2010	A	07:55	7.23		18.0		4.83
September 16, 2010	B	07:55	—	NA	—	NA	—
October 5, 2010	A	08:06	7.16		16.1		10.43
October 5, 2010	B	08:06	—	NA	—	NA	—
November 8, 2010	A	08:00	7.35		8.4		12.31
November 8, 2010	B	08:00	—	NA	—	NA	—
December 7, 2010	A	08:24	6.90		3.3		17.72
December 7, 2010	B	08:24	—	NA	—	NA	—
2011							
January 5, 2011	A	08:05	7.30		1.5		—
January 5, 2011	B	08:05	—	NA	—	NA	—
February 9, 2011	A	08:19	6.71		0.9		—
February 9, 2011	B	08:19	—	NA	—	NA	—
March 9, 2011	A	08:15	6.69		6.3		11.33
March 9, 2011	B	08:15	—	NA	—	NA	—
April 12, 2011	A	08:12	7.49		14.9		7.68
April 12, 2011	B	08:12	—	NA	—	NA	—
May 10, 2011	A	07:47	7.43		16.4		7.44
May 10, 2011	B	07:47	—	NA	—	NA	—
May 24, 2011	A	08:10	7.27		16.7		8.14
May 24, 2011	B	08:10	—	NA	—	NA	—
June 14, 2011	A	08:00	7.22		21.5		6.17
June 14, 2011	B	08:00	—	NA	—	NA	—
June 28, 2011	A	08:10	7.31		24.9		5.05
June 28, 2011	B	08:10	—	NA	—	NA	—
July 12, 2011	A	07:50	7.19		26.7		5.45

July 12, 2011	B	07:50	—	NA	—	NA	—
July 26, 2011	A	07:55	7.38		24.9		3.87
July 26, 2011	B	07:55	—	NA	—	NA	—
August 16, 2011	A	08:15	7.15		21.1		7.40
August 16, 2011	B	08:15	—	NA	—	NA	—
September 13, 2011	A	08:40	6.96		21.9		5.05
September 13, 2011	B	08:40	—	NA	—	NA	—
September 27, 2011	A	08:00	7.40		22.5		5.10
September 27, 2011	B	08:00	—	NA	—	NA	—
October 24, 2011	A	08:17	7.08		13.7		7.36
October 24, 2011	B	08:17	—	NA	—	NA	—
November 2, 2011	A	08:10	6.96		7.8		11.26
November 2, 2011	B	08:10	—	NA	—	NA	—
December 6, 2011	A	08:30	6.42		9.1		8.70
December 6, 2011	B	08:30	—	NA	—	NA	—
2012							
January 11, 2012	A	08:00	7.09		4.6		12.47
January 11, 2012	B	08:00	—	NA	—	NA	—
February 8, 2012	A	08:13	6.27		5.3		12.60
February 8, 2012	B	08:13	—	NA	—	NA	—
March 7, 2012	A	08:00	7.40		5.3		11.97
March 7, 2012	B	08:00	—	NA	—	NA	—
April 23, 2012	A	08:24	7.14		12.7		9.24
April 23, 2012	B	08:24	—	NA	—	NA	—
May 2, 2012	A	08:11	7.15		14.6		7.11
May 2, 2012	B	08:11	—	NA	—	NA	—
May 15, 2012	A	07:45	6.69		18.7		8.30
May 15, 2012	B	07:45	—	NA	—	NA	—
June 12, 2012	A	07:55	7.07		21.8		7.06
June 12, 2012	B	07:55	—	NA	—	NA	—
June 26, 2012	A	08:31	6.88		21.1		5.83
June 26, 2012	B	08:31	—	NA	—	NA	—
July 10, 2012	A	08:00	6.61		25.6		4.62
July 10, 2012	B	08:00	—	NA	—	NA	—
July 24, 2012	A	08:05	6.79		24.4		3.25
July 24, 2012	B	08:05	—	NA	—	NA	—
August 7, 2012	A	08:05	6.49		24.9		3.83
August 7, 2012	B	08:05	—	NA	—	NA	—
August 22, 2012	A	08:30	7.22		23.3		6.94
August 22, 2012	B	08:30	—	NA	—	NA	—
September 5, 2012	A	07:45	6.99		23.4		4.81
September 5, 2012	B	07:45	—	NA	—	NA	—
September 18, 2012	A	08:00	7.61		21.8		10.94
September 18, 2012	B	08:00	—	NA	—	NA	—
October 16, 2012	A	08:30	—		15.0		7.64
October 16, 2012	B	08:30	—	NA	—	NA	—
November 26, 2012	A	08:30	—	NA	—	NA	—
November 26, 2012	B	08:30	—	NA	—	NA	—
December 4, 2012	A	08:09	7.15		7.6		10.86
December 4, 2012	B	08:09	—	NA	—	NA	—

2013							
January 8, 2013	A	08:10	7.19		3.1		12.69
January 8, 2013	B	08:10	—	NA	—	NA	—
February 5, 2013	A	08:36	6.70		1.7		14.64
February 5, 2013	B	08:36	—	NA	—	NA	—
March 5, 2013	A	08:37	7.23		3.9		12.83
March 5, 2013	B	08:37	—	NA	—	NA	—
April 2, 2013	A	08:25	7.36		7.9		8.85
April 2, 2013	B	08:25	—	NA	—	NA	—
May 8, 2013	A	07:45	7.61		18.5		9.96
May 8, 2013	B	07:45	—	NA	—	NA	—
May 21, 2013	A	08:26	7.31		18.9		5.27
May 21, 2013	B	08:26	—	NA	—	NA	—
June 11, 2013	A	08:12	7.20		19.3		8.13
June 11, 2013	B	08:12	—	NA	—	NA	—
June 25, 2013	A	08:16	7.30		24.8		5.06
June 25, 2013	B	08:16	—	NA	—	NA	—
July 16, 2013	A	07:50	7.15		26.4		3.72
July 16, 2013	B	07:50	—	NA	—	NA	—
July 30, 2013	A	07:45	7.21		22.4		4.84
July 30, 2013	B	07:45	—	NA	—	NA	—
August 15, 2013	A	08:31	7.28		20.7		5.16
August 15, 2013	B	08:31	—	NA	—	NA	—
August 27, 2013	A	07:48	6.86		22.4		4.38
August 27, 2013	B	07:48	—	NA	—	NA	—
September 4, 2013	A	08:22	6.86		23.5		7.39
September 4, 2013	B	08:22	—	NA	—	NA	—
September 17, 2013	A	07:45	7.17		18.8		4.45
September 17, 2013	B	07:45	—	NA	—	NA	—
October 1, 2013	A	08:33	7.21		17.7		9.10
October 1, 2013	B	08:33	—	NA	—	NA	—
November 19, 2013	A	08:59	7.49		9.6		10.18
November 19, 2013	B	08:59	—	NA	—	NA	—
December 4, 2013	A	08:00	—	A	—	A	—
December 4, 2013	B	08:00	—	NA	—	NA	—
2014							
January 13, 2014	A	09:30	7.10		2.9		12.06
January 13, 2014	B	09:30	—	NA	—	NA	—
February 4, 2014	A	09:25	7.14		0.1		12.45
February 4, 2014	B	09:25	—	NA	—	NA	—
March 4, 2014	A	08:30	7.32		0.2		13.01
March 4, 2014	B	08:30	—	NA	—	NA	—
April 8, 2014	A	08:40	—	A	—	A	—
April 8, 2014	B	08:40	—	NA	—	NA	—
May 6, 2014	A	08:15	7.11		14.0		8.16
May 6, 2014	B	08:15	—	NA	—	NA	—
May 19, 2014	A	08:40	—	NAPEFAI/EQF	16.0		7.25
May 19, 2014	B	08:40	—	NA	—	NA	—
June 11, 2014	A	08:16	6.97		20.9		6.39
June 11, 2014	B	08:16	—	NA	—	NA	—

June 23, 2014	A	08:20	7.33		21.5		8.80
June 23, 2014	B	08:20	—	NA	—	NA	—
July 7, 2014	A	08:45	6.86		23.2		5.53
July 7, 2014	B	08:45	—	NA	—	NA	—
July 21, 2014	A	08:35	6.90		22.8		7.26
July 21, 2014	B	08:35	—	NA	—	NA	—
August 4, 2014	A	08:22	7.19		22.8		5.41
August 4, 2014	B	08:22	—	NA	—	NA	—
August 18, 2014	A	08:10	7.12		20.7		7.55
August 18, 2014	B	08:10	—	NA	—	NA	—
September 8, 2014	A	08:35	7.23		24.0		5.82
September 8, 2014	B	08:35	—	NA	—	NA	—
September 22, 2014	A	10:17	7.51		20.1		14.01
September 22, 2014	B	10:17	—	NA	—	NA	—
October 6, 2014	A	08:15	7.19		16.2		5.84
October 6, 2014	B	08:15	—	NA	—	NA	—
November 17, 2014	A	08:25	7.08		7.3		8.82
November 17, 2014	B	08:25	—	NA	—	NA	—
December 2, 2014	A	08:37	7.16		6.4		9.81
December 2, 2014	B	08:37	—	NA	—	NA	—

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	–	–	–	12
	–	–	–	8
	–	–	–	66
	–	–	–	6
	–	–	–	17
	–	–	–	16
	–	–	–	17
	–	–	–	14
	–	–	–	103
	–	–	–	68
	–	–	–	88
	–	–	–	21
	–	–	–	35
	–	–	–	35
	–	–	–	21
	–	–	–	14
	–	–	–	14
	–	–	–	8
	–	–	–	19
	–	–	–	16
	–	–	–	10
	–	–	–	4
[redacted]				
	–	–	–	8
	–	–	–	10
	–	–	–	6
	–	–	–	10
	–	–	–	5
	–	–	–	58
	–	–	–	18
	–	–	–	13
	–	–	–	34
	–	–	–	56
	–	–	–	68
	–	–	–	19
	–	–	–	21
	–	–	–	30
	–	–	–	50
	–	–	–	31
	–	–	–	47
	–	–	–	44
	–	–	–	10
	–	–	–	5
	–	–	–	5
[redacted]				
	–	–	–	7

—	—	—	5
—	—	—	10
—	—	—	4
—	—	—	22
—	—	—	22
—	—	—	24
—	—	—	17
—	—	—	16
—	—	—	18
—	—	—	78
—	—	—	133
—	—	—	44
—	—	—	76
—	—	—	43
—	—	—	50
—	—	—	18
—	—	—	16
—	—	—	25
—	—	—	6
—	—	—	11
—	—	—	8
—	—	—	6
—	—	—	3
[redacted]			
—	—	—	7
—	—	—	13
—	—	—	7
—	—	—	4
—	—	—	10
—	—	—	18
—	—	—	2
—	—	—	18
73.8	—	—	16
58.3	—	—	40
80.1	—	—	25
58.3	—	—	22
75.3	—	—	15
42.6	—	—	12
68.3	—	—	16
61.9	—	—	26
71.5	—	—	10
62.2	—	—	12
54.4	—	—	14
76.9	—	—	7
87.8	—	—	13
83.2	—	—	10
[redacted]			
—	—	—	4
—	—	—	2
—	—	—	6

—	—	—	10	
—	—	—	64	
—	—	—	7	
—	—	—	78	
—	—	—	85	
—	—	—	24	
—	—	—	92	
—	—	—	13	
—	—	—	34	
—	—	—	10	
—	—	—	41	
—	—	—	12	
—	—	—	6	
—	—	—	6	
[redacted]				
—	—	—	16	J-QC/FLD/RPO
—	—	—	16	J-QC/FLD/RPO
—	—	—	8	
—	—	—	8	
—	—	—	9	
—	—	—	8	
—	—	—	9	
—	—	—	7	
—	—	—	46	
—	—	—	36	
—	—	—	4	
—	—	—	4	
—	—	—	48	
—	—	—	40	
—	—	—	34	J-QC/FFB
—	—	—	38	J-QC/FFB
—	—	—	18	J-QC/FFD/RPO
—	—	—	38	J-QC/FFD/RPO
—	—	—	34	
—	—	—	33	
—	—	—	20	
—	—	—	24	
—	—	—	34	
—	—	—	40	
—	—	—	14	
—	—	—	15	
—	—	—	10	
—	—	—	9	
—	—	—	19	J-QC/FFD/RPO
—	—	—	10	J-QC/FFD/RPO
—	—	—	16	
—	—	—	16	
—	—	—	6	J-QC/FFD/RPO
—	—	—	17	J-QC/FFD/RPO
[redacted]				

	—	NA	—	NA	—	NA	34	
NA	—	NA	—	NA	—	NA	32	
	—	NA	—	NA	—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	—	NA	—	NA	—	NA	4	
NA	—	NA	—	NA	—	NA	5	
	—	NA	—	NA	—	NA	3	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	1	J-QC/FFD/RPO
	—	NA	—	NA	—	NA	20	
NA	—	NA	—	NA	—	NA	22	
	—	NA	—	NA	—	NA	17	
NA	—	NA	—	NA	—	NA	20	
	—	NA	—	NA	—	NA	246	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	154	J-QC/FFD/RPO
	—	NA	—	NA	—	NA	58	
NA	—	NA	—	NA	—	NA	56	
	—	NA	—	NA	—	NA	36	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	31	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	98	
NA	—	NA	—	NA	—	NA	95	
	—	NA	—	NA	—	NA	89	
NA	—	NA	—	NA	—	NA	110	
	—	NA	—	NA	—	NA	33	
NA	—	NA	—	NA	—	NA	34	
	—	NA	—	NA	—	NA	20	
NA	—	NA	—	NA	—	NA	19	
	—	NA	—	NA	—	NA	7	
NA	—	NA	—	NA	—	NA	8	
	—	NA	—	NA	—	NA	18	
NA	—	NA	—	NA	—	NA	18	
	—	NA	—	NA	—	NA	25	
NA	—	NA	—	NA	—	NA	29	
[redacted]								
NAPEFAI/EQF	—	NA	—	NA	—	NA	19	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	12	J-QC/FFD/FLDRPO
A	—	NA	—	NA	—	NA	14	
NA	—	NA	—	NA	—	NA	13	
	—	NA	—	NA	—	NA	16	
NA	—	NA	—	NA	—	NA	12	
	—	NA	—	NA	—	NA	9	
NA	—	NA	—	NA	—	NA	10	
	—	NA	—	NA	—	NA	42	
NA	—	NA	—	NA	—	NA	41	
	—	NA	—	NA	—	NA	12	
NA	—	NA	—	NA	—	NA	10	
	—	NA	—	NA	—	NA	32	
NA	—	NA	—	NA	—	NA	32	
	—	NA	—	NA	—	NA	14	
NA	—	NA	—	NA	—	NA	14	
	—	NA	—	NA	—	NA	36	

NA	—	NA	—	NA	—	NA	36	
	—	NA	—	NA	—	NA	13	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	12	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	23	
NA	—	NA	—	NA	—	NA	20	
	—	NA	—	NA	—	NA	7	
NA	—	NA	—	NA	—	NA	7	
	—	NA	—	NA	—	NA	16	
NA	—	NA	—	NA	—	NA	16	
	—	NA	—	NA	—	NA	10	
NA	—	NA	—	NA	—	NA	12	
	—	NA	—	NA	—	NA	3	
NA	—	NA	—	NA	—	NA	4	
	—	NA	—	NA	—	NA	9	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	7	J-QC/FLD/RPO
[redacted]								
	—	NA	—	NA	—	NA	33	
NA	—	NA	—	NA	—	NA	30	
	—	NA	—	NA	—	NA	15	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	21	J-QC/FFD/RPO
	—	NA	—	NA	—	NA	18	
NA	—	NA	—	NA	—	NA	18	
	—	NA	—	NA	—	NA	35	
NA	—	NA	—	NA	—	NA	32	
	—	NA	—	NA	—	NA	10	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	15	J-QC/FFD/RPO
	—	NA	—	NA	—	NA	12	
NA	—	NA	—	NA	—	NA	13	
	—	NA	—	NA	—	NA	22	
NA	—	NA	—	NA	—	NA	23	
	—	NA	—	NA	—	NA	12	
NA	—	NA	—	NA	—	NA	14	
	—	NA	—	NA	—	NA	30	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	22	J-QC/FFD/FLDRPO
	—	NA	—	NA	—	NA	22	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	23	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	24	
NA	—	NA	—	NA	—	NA	20	
	—	NA	—	NA	—	NA	80	J-QC/FFB
NA	—	NA	—	NA	—	NA	94	J-QC/FFB
	—	NA	—	NA	—	NA	27	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	24	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	27	
NA	—	NA	—	NA	—	NA	25	
	—	NA	—	NA	—	NA	33	
NA	—	NA	—	NA	—	NA	32	
NA	—	NA	—	NA	—	NA	18	
NA	—	NA	—	NA	—	NA	20	
	—	NA	—	NA	—	NA	38	
NA	—	NA	—	NA	—	NA	40	

	—	NA	—	NA	—	NA	11	
NA	—	NA	—	NA	—	NA	12	
	—	NA	—	NA	—	NA	14	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	18	J-QC/FFD/RPO
	—	NA	—	NA	—	NA	4	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	6	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	4	
NA	—	NA	—	NA	—	NA	5	
	—	NA	—	NA	—	NA	34	
NA	—	NA	—	NA	—	NA	30	
	—	NA	—	NA	—	NA	21	
NA	—	NA	—	NA	—	NA	21	
	—	NA	—	NA	—	NA	24	
NA	—	NA	—	NA	—	NA	24	
	—	NA	—	NA	—	NA	34	
NA	—	NA	—	NA	—	NA	30	
	—	NA	—	NA	—	NA	22	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	20	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	13	
NA	—	NA	—	NA	—	NA	12	
	—	NA	—	NA	—	NA	14	
NA	—	NA	—	NA	—	NA	15	
	—	NA	—	NA	—	NA	24	
NA	—	NA	—	NA	—	NA	24	
	—	NA	—	NA	—	NA	39	J-QC
NA	—	NA	—	NA	—	NA	36	J-QC
	—	NA	—	NA	—	NA	52	
NA	—	NA	—	NA	—	NA	52	
	—	NA	—	NA	—	NA	26	
NA	—	NA	—	NA	—	NA	32	
	—	NA	—	NA	—	NA	37	
NA	—	NA	—	NA	—	NA	42	
A	—	NA	—	NA	—	NA	30	
NA	—	NA	—	NA	—	NA	27	
	—	NA	—	NA	—	NA	2	J-QC
NA	—	NA	—	NA	—	NA	4	J-QC
	—	NA	—	NA	—	NA	15	J-QC
NA	—	NA	—	NA	—	NA	14	J-QC
	—	NA	—	NA	—	NA	16	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	22	J-QC/FLD/RPO
A	—	NA	—	NA	—	NA	20	
NA	—	NA	—	NA	—	NA	17	
	—	NA	—	NA	—	NA	<1	KJ-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	12	
NA	—	NA	—	NA	—	NA	8	
	—	NA	—	NA	—	NA	8	
NA	—	NA	—	NA	—	NA	8	

	—	NA	—	NA	—	NA	27	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	24	J-QC/FLD/RPO
	—	NA	—	NA	—	NA	11	
NA	—	NA	—	NA	—	NA	12	
	—	NA	—	NA	—	NA	26	
NA	—	NA	—	NA	—	NA	28	
	—	NA	—	NA	—	NA	21	
NA	—	NA	—	NA	—	NA	22	
	—	NA	—	NA	—	NA	26	
NA	—	NA	—	NA	—	NA	20	
	—	NA	—	NA	—	NA	51	
NA	—	NA	—	NA	—	NA	50	
	—	NA	—	NA	—	NA	34	J-QC
NA	—	NA	—	NA	—	NA	39	J-QC
	—	NA	—	NA	—	NA	36	
NA	—	NA	—	NA	—	NA	41	
	—	NA	—	NA	—	NA	22	
NA	—	NA	—	NA	—	NA	21	
	—	NA	—	NA	—	NA	10	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	14	J-QC/FFD/RPO

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.18	8	<0.19	0.023
0.57	3	<0.19	0.019
0.32	4	<0.19	0.019
0.70	4	<0.19	0.025
0.47	3	<0.19	0.022
0.69	2	<0.19	0.017
0.70	4	<0.19	0.039
1.16	2	0.16	0.058
0.87	6	<0.19	0.033
0.90	7	—	0.038
4.40	4	<0.19	0.021
3.46	<2	<0.19	0.024
2.71	5	<0.19	0.033
1.81	5	<0.19	0.045
1.47	2	<0.19	0.014
1.20	<2	<0.19	0.019
0.40	7	<0.19	0.055
2.00	9	<0.19	0.056
1.37	7	<0.19	0.033
1.09	3	<0.19	0.021
0.77	<2	<0.19	0.020
0.84	<2	<0.19	0.015
[redacted]			
0.63	2	<0.19	0.023
0.78	<2	<0.19	0.023
0.89	<2	<0.19	0.018
0.76	3	<0.19	0.028
0.57	3	<0.19	0.019
1.27	5	<0.19	0.026
1.28	<2	1.14	0.041
0.84	<2	<0.19	0.042
1.81	9	<0.27	0.058
2.45	9	<0.27	0.085
4.35	<2	<0.27	0.123
1.54	<2	<0.27	0.035
1.53	10	<0.27	0.035
2.15	5	<0.27	0.043
1.54	10	<0.27	0.036
1.67	7	<0.27	0.042
1.64	7	<0.27	0.080
1.19	<2	0.75	0.023
0.93	8	<0.27	0.012
0.72	3	<0.27	0.010
0.63	3	<0.27	0.020
[redacted]			
0.72	5	<0.27	0.02

0.73	4	<0.27	0.017
0.75	7	<0.27	0.020
0.53	<2	<0.27	0.016
1.63	<2	<0.27	0.034
1.56	7	<0.27	0.027
3.04	7	<0.295	0.024
1.94	3	0.39	0.032
1.13	—	<0.295	0.044
1.63	3	<0.295	0.048
3.95	<2	—	0.042
2.30	5	<0.295	0.044
1.83	—	<0.295	0.039
2.09	11	<0.295	0.033
2.16	4	<0.295	0.034
2.01	8	—	—
<1.00	<2	<0.295	0.035
1.30	—	<0.295	0.035
0.72	5	<0.295	0.022
0.68	<2	<0.295	0.012
1.00	4	<0.295	0.013
0.46	—	0.38	0.012
0.39	<2	<0.295	0.017
0.69	<2	<0.295	0.017
[redacted]			
0.76	<2	<0.295	0.019
0.40	<2	<0.295	0.026
0.73	3	<0.295	0.023
0.50	—	—	0.017
0.59	—	0.208	0.016
0.83	—	0.176	0.020
0.44	—	—	0.015
0.96	4	0.254	0.021
0.89	3	0.139	0.032
1.39	8	0.241	0.045
—	6	0.079	0.037
2.45	<2	0.157	0.036
1.18	—	0.135	0.024
<0.30	<2	0.161	0.034
<0.30	<2	0.062	0.013
1.32	3	0.140	0.031
1.25	<2	0.171	0.067
1.37	4	0.390	0.049
1.25	<2	0.321	0.051
0.56	2	0.163	0.025
0.82	6	0.107	0.022
0.72	5	0.125	0.022
[redacted]			
1.06	<2	0.138	0.011
1.43	<2	0.217	0.017
0.83	<2	0.115	0.009

0.89		<2		0.136		0.017
1.99		4		0.315		0.029
1.26		<2		0.136		0.040
2.03		4		0.248		0.065
2.68		5		0.131		0.045
1.25		4		0.275		0.023
4.07		6		0.329		0.035
1.54		4		0.289		0.032
2.64		11		0.262		0.040
0.98		<2		0.171		0.021
6.54		3		0.872		0.302
1.10		<2		0.235		0.071
0.73		<2		0.181		0.023
0.78		<2		0.642		0.036
1.45	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.102	J-QC/FSL	0.029
1.43	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.117	J-QC/FSL	0.030
0.96	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	0.713	J-QC/FSL/FMS	0.025
0.89	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFD/RPO	0.876	J-QC/FSL/FMS	0.044
0.76	BJ-QC/FBK/FFB	<2	K	0.082		0.025
0.78	BJ-QC/FBK/FFB	<2	K	0.082		0.027
1.17	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.219		0.032
1.25	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.214		0.031
1.60	BJ-QC/FBK/FFB	<2	K	0.157		0.029
1.98	BJ-QC/FBK/FFB	<2	K	0.130		0.028
1.20	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.063	J-QC/FMS	0.058
1.19	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.047	J-QC/FMS	0.041
2.72	J-QC/FLS	4	J-QC/FFD/RPOFLS	0.177		0.028
2.26	J-QC/FLS	<2	KJ-QC/FFD/RPOFLS	0.146		0.027
1.80	J-QC/FLS	<2	KJ-QC/FLS	0.125		0.024
1.35	J-QC/FLS	<2	KJ-QC/FLS	0.104		0.022
1.35	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.153		0.010
1.31	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.163		0.010
1.42		4	J-QC/FLS	0.081		0.025
1.39		4	J-QC/FLS	0.071		0.025
1.43	J-QC/FLS	<2	KJ-QC/FLS	0.036		0.028
1.34	J-QC/FLS	<2	KJ-QC/FLS	0.036		0.023
1.60	BJ-QC/FBK/FLS	<2	K	<0.018	K	0.038
1.51	BJ-QC/FBK/FLS	<2	K	<0.018	K	0.037
1.55	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.249		0.035
1.50	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.264		0.034
1.29	J-QC/FLS	3	J-QC/FLS	<0.018	KJ-QC/FMS	0.018
1.21	J-QC/FLS	3	J-QC/FLS	<0.018	KJ-QC/FMS	0.016
0.97	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.092		0.040
0.97	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.102		0.037
1.38	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.249		0.027
1.41	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.234		0.027
1.60	BJ-QC/FBK/FFBFLS	<2	K	0.152	J-QC/FFD/RPO	0.024
1.59	BJ-QC/FBK/FFBFLS	<2	K	0.249	J-QC/FFD/RPO	0.013

1.43	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.091		0.013
1.36	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.107		0.011
0.92	BJ-QC/FBK/FFB	<2	K	<0.0175	K	0.019
0.96	BJ-QC/FBK/FFB	<2	K	<0.0175	K	0.017
0.86	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0175	K	0.0099
0.85	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0175	K	0.0092
1.30	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0175	K	0.0052
1.30	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0175	K	0.0061
2.47	BJ-QC/FBK/FFBFLS	<2	K	0.060		0.0284
2.45	BJ-QC/FBK/FFBFLS	<2	K	0.065		0.0289
1.57	BJ-QC/FBK/FFBFLS	<2	K	0.111		0.0485
1.81	BJ-QC/FBK/FFBFLS	<2	K	0.126		0.0504
4.35	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	6		0.166		0.0307
4.12	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	7		0.151		0.0276
3.12	BJ-QCJ-HT/FBK/FFBFLSEHT	5		0.136		0.0393
2.94	BJ-QCJ-HT/FBK/FFBFLSEHT	5		0.121		0.0355
2.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.246		0.0278
2.42	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.246		0.0266
7.57	BJ-QC/FBK/FFB	—	NRP	0.073		0.0567
7.43	BJ-QC/FBK/FFB	—	NRP	0.084		0.0567
0.74	BJ-QC/FBK/FFBFFDFLDRPOFLS	7	J-QC/FLS	0.204		0.0432
1.56	BJ-QC/FBK/FFBFFDFLDRPOFLS	7	J-QC/FLS	0.183		0.0409
2.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.225		0.0296
2.26	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.210		0.0279
1.95	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.152		0.0287
1.13	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.168		0.0282
1.63	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.173		0.0298
1.55	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.168		0.0297
1.96	BJ-QC/FBK/FFBFLSEHT	4		0.091		0.0286
2.12	BJ-QC/FBK/FFBFLSEHT	3		0.101		0.0285
1.98	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.096	J-QC/FFD/RPO	0.0302
2.03	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.171	J-QC/FFD/RPO	0.0306
[redacted]						
1.86	BJ-QC/FBK/FFBFLS	5		0.453		0.0261
1.97	BJ-QC/FBK/FFBFLS	5		0.473		0.0362
1.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.152		0.0200
1.27	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.157		0.0197
1.65	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.115		0.0159
1.52	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.105		0.0166
1.48	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPOFLS	<0.0293	KJ-QC/FMS	0.0203
1.52	BJ-QC/FBK/FFBFLS	3	J-QC/FFD/RPOFLS	<0.0293	KJ-QC/FMS	0.0247
2.00	BJ-QC/FBK/FFB	3	J-QC/FLS	0.065		0.0219
2.00	BJ-QC/FBK/FFB	3	J-QC/FLS	0.065		0.0274
1.69	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.054	J-R	0.0318
1.71	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.049	J-R	0.0330
1.38	BJ-QC/FBK/FFBFLS	4		0.256	J-QC/FSL	0.0457
1.60	BJ-QC/FBK/FFBFLS	4		0.272	J-QC/FSL	0.0451
2.56	BJ-QC/FBK/FFB	4	J-QC/FFD/RPO	0.071		0.0446
2.70	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	0.060		0.0458
3.99	BJ-QC/FBK/FFBFLS	12		0.202	J-QC/FFB	0.0474

3.97	BJ-QC/FBK/FFBFLS	—	A/LBF	0.218	J-QC/FFB	0.0541
1.51	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.299		0.0209
1.51	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.278		0.0200
1.77	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.359	J-QC/FFB/FFDRPO	0.0189
1.77	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.229	J-QC/FFB/FFDRPO	0.0180
1.63	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.071		0.0198
1.50	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.065		0.0201
0.71	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	3	J-QC/FFB/FLS	0.206		0.0381
1.50	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	4	J-QC/FFB/FLS	0.221		0.0347
1.94	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.118		0.0182
1.09	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.113		0.0199
2.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.098		0.0176
2.50	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.108		0.0126
1.51	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.103		0.0263
1.41	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.082		0.0247
[redacted]						
1.56	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.950		0.0303
1.49	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.945		0.0327
1.17	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.375		0.0259
1.21	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.380		0.0168
1.87	BJ-QC/FBK/FFBFLS	3		0.107	J-QC/FMS	0.0163
1.85	BJ-QC/FBK/FFBFLS	3		0.095	J-QC/FMS	0.0188
0.99	BJ-QC/FBK/FFBFFDRPO	<2	K	0.0680	J-R	0.0243
1.73	BJ-QC/FBK/FFBFFDRPO	<2	K	0.0580	J-R	0.0242
1.71	BJ-QC/FBK/FFBFLS	4		0.152		0.0358
1.95	BJ-QC/FBK/FFBFLS	4		0.157		0.0369
1.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.058	J-RJ-QC/FFD/RPOFMS	0.0374
1.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.042	J-RJ-QC/FFD/RPOFMS	0.0397
1.54	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	0.058	J-R	0.0236
1.58	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	0.073	J-R	0.0240
1.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	0.063	J-RJ-QC/FSL/FMS	0.0165
1.57	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFD/RPO	0.073	J-RJ-QC/FSL/FMS	0.0190
2.16	BJ-QCJ-HT/FBK/FFBEHT	5	J-QCJ-HT/FLS/EHT	0.090		0.0158
2.26	BJ-QCJ-HT/FBK/FFBEHT	5	J-QCJ-HT/FLS/EHT	0.090		0.0148
2.64	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	0.275	J-QC/FMS	0.0239
2.50	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	0.264	J-QC/FMS	0.0246
2.23	BJ-QC/FBK/FFBFLS	3	J-HT/EHT	0.090		0.0165
2.29	BJ-QC/FBK/FFBFLS	3	J-HT/EHT	0.079		0.0159
1.98	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.069	J-R	0.0447
2.00	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.084		0.0425
1.94	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.053	J-R	0.0210
1.97	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.053	J-R	0.0210
1.59	BJ-QCJ-HT/FBK/FFBFLSEHT	5	J-QCJ-HT/FFD/RPOFLSEHT	0.090		0.0377
1.31	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QCJ-HT/FFD/RPOFLSEHT	0.069	J-R	0.0324
2.40	BJ-QC/FBK/FFBFLS	7	J-QCJ-HT/FLS/EHT	0.232		0.0491
2.48	BJ-QC/FBK/FFBFLS	7	J-QCJ-HT/FLS/EHT	0.216		0.0467
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.142	J-QC/FMS	0.0386
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.126	J-QC/FMS	0.0290
—	NA	10	J-QCJ-HT/FLS/EHT	0.083	J-QC/FLD/RPOFMS	0.0421
—	NA	12	J-QCJ-HT/FLS/EHT	0.078	J-QC/FLD/RPOFMS	0.0426

—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.057	J-QC/LLS/FMS	0.0146
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.052	J-QC/LLS/FMS	0.0134
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.034	J-RJ-QC/LLS/FFDRPO	0.0120
—	NA	<2	KJ-QCJ-HT/FMS/EHT	<0.0217	KJ-QC/FFD/RPO	0.0122
—	NA	<2	KJ-QCJ-HT/FMS/EHT	<0.0217	K	0.0155
—	NA	<2	KJ-QCJ-HT/FMS/EHT	<0.0217	K	0.0131
—	NA	<2	KJ-QCJ-HT/FMS/EHT	<0.0217	K	0.0116
—	NA	<2	KJ-QCJ-HT/FMS/EHT	<0.0217	K	0.0116
—	NA	<2	KJ-QC/FMS	0.051	J-QC/LLS/FMS	0.0263
—	NA	<2	KJ-QC/FMS	0.040	J-RJ-QC/LLS/FMS	0.0264
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.158	J-QC/LLS/FMS	0.0451
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.136	J-QC/LLS/FMS	0.0452
1.62	BJ-QC/FBK/FFBFLS	<2	KJ-QCJ-HT/FMS/EHT	0.210	J-QCJ-HT/LLS/FMSEHT	0.0237
1.53	BJ-QC/FBK/FFBFLS	<2	KJ-QCJ-HT/FMS/EHT	0.193	J-QCJ-HT/LLS/FMSEHT	0.0233
2.09	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.079	J/LLS	0.0273
1.99	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.085	J/LLS	0.0281
1.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	<0.0911	K	0.0258
1.68	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	<0.0911	K	0.0230
1.63	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FMS	<0.0911	K	0.0147
1.49	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FMS	<0.0911	K	0.0142
1.48	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0152
1.41	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0154
1.97	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	<0.0911	K	0.0213
1.86	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	<0.0911	K	0.0205
6.68	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.952		0.0494
5.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.976		0.0497
5.50	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.145	J-R/LLS	0.0459
4.92	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.127	J-R/LLS	0.0465
3.86	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	1.230	J-QC/FMS	0.0460
4.79	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.940	J-QC/FMS	0.0281
5.33	BJ-QC/FBK/FFBFLDRPOFLS	9	J-HT/EHT	0.490		0.0416
5.02	BJ-QC/FBK/FFBFLS	—	NRP	0.462		0.0365
1.75	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.256	J/LLS	0.0373
1.68	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.234	J/LLS	0.0406
1.95	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.180	J-R/LLS	0.0185
1.99	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.239	J/LLS	0.0175
1.68	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.258	J/LLS	0.0263
1.85	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.298	J/LLS	0.0244
1.89	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.545		0.0216
1.97	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.573		0.0203
1.88	BJ-QC/FBK/FFB	<2	K	<0.0267	KJ-QC/FFB	0.0335
1.90	BJ-QC/FBK/FFB	3		0.102	J-QC/LLS/FFB	0.0356
1.65	BJ-QC/FBK/FFB	<2	KJ-HT	0.148	J/LLS	0.0127
1.63	BJ-QC/FBK/FFB	<2	KJ-HT	0.159	J/LLS	0.0112
1.69	BJ-QC/FBK/FFB	<2	KJ-HT	0.216	J/LLS	0.0185
1.50	BJ-QC/FBK/FFB	<2	KJ-HT	0.193	J/LLS	0.0153
1.94	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.381	J-QC/LLS/FFDRPO	0.0247
1.98	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.676	J-QC/FFD/RPO	0.0233

1.90	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.340	J-QC/LLS	0.0381
1.97	BJ-QC/FBK/FFBFLDRPOFMS	3		0.340	J-QC/LLS	0.0352
1.59	BJ-QC/FBK/FFB	<2	KJ-QCJ-HT	<0.0267	K	0.0240
1.69	BJ-QC/FBK/FFB	<2	KJ-QCJ-HT	<0.0267	K	0.0225
2.63	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	8	J-HT	0.045	J-R/LLS	0.0196
1.90	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	8	J-HT	0.056	J/LLS	0.0187
1.99	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	0.373	J-QC/LLS	0.0221
1.80	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	0.396	J-QC/LLS	0.0278
1.95	BJ-QCJ-HT/FBK/FFBFLDRPO	5	J-HT	<0.0267	K	0.0301
1.96	BJ-QCJ-HT/FBK/FFBFLDRPO	5	J-HT	<0.0267	K	0.0285
2.11	BJ-QC/FBK/FFBFMS	<2	KJ-QCJ-HT/FFD/RPO	0.245	J/LLS	0.0409
2.28	BJ-QC/FBK/FFBFMS	11	J-QCJ-HT/FFD/RPO	0.217	J/LLS	0.0407
1.78	BJ-QCJ-HT/FBK/FFBFMS	11	J-QCJ-HT	0.317	J-QC/LLS/FFBFSL	0.0318
2.27	BJ-QCJ-HT/FBK/FFBFMS	11	J-QCJ-HT	0.368	J-QC/LLS/FFBFSL	0.0330
1.91	BJ-QCJ-HT/FBK/FFBFFDRPO	<2	KJ-QCJ-HT	0.096	J-QC/LLS/FLDRPOFSLFMS	0.0458
1.39	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	KJ-QCJ-HT	0.181	J-QC/LLS/FLDRPOFSLFMS	0.0426
1.54	BJ-QC/FBK/FFBFMS	3	J-QCJ-HT	0.030	J-R/LLS	0.0368
1.31	BJ-QC/FBK/FFBFMS	3	J-QCJ-HT	0.047	J-R/LLS	0.0316
1.51	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	<0.0267	K	0.0167
1.42	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	<0.0267	K	0.0159

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	1.64	0.110	0.11	2.45
	1.35	0.104	0.06	1.84
	0.74	0.158	0.04	22.6
	1.00	0.158	0.07	8.7
	1.02	0.151	0.12	17.2
	1.35	0.084	0.84	21.9
	0.89	0.215	0.22	2.9
	2.62	0.235	0.20	16.1
	0.64	0.693	0.47	—
	0.09	0.387	0.38	144.0
	0.76	0.361	0.37	132.0
	0.82	0.203	0.20	5.89
	0.94	0.297	0.20	67.25
	0.62	0.349	0.16	77.27
	0.85	0.161	0.15	14.11
	0.59	0.175	0.17	4.46
	0.59	0.190	0.12	26.05
	1.28	0.278	0.11	81.5
	1.21	0.268	0.10	29.75
	1.31	0.253	0.22	1.18
	1.00	0.223	0.16	0.47
	1.75	0.098	0.10	0.70
	1.39	0.108	0.14	1.62
	1.42	0.125	0.09	2.34
	—	0.064	0.05	5.42
	1.17	0.095	0.04	10.89
	0.98	0.065	0.07	20.89
	0.85	0.286	0.22	15.28
	0.76	0.178	0.15	9.90
	0.90	0.147	0.10	42.70
	0.47	0.244	0.17	—
	0.43	0.420	0.32	—
	0.96	0.757	0.44	—
	0.63	0.214	0.20	—
	0.36	0.491	0.37	—
	0.53	0.456	0.37	—
	0.57	0.163	0.30	—
	0.89	0.298	0.18	—
	0.84	0.385	0.27	—
	1.48	0.246	0.37	—
	0.60	0.160	0.15	—
	0.66	0.220	0.09	—
	1.65	0.090	0.08	—
	1.37	0.12	0.11	—

1.41	0.079	0.10	—
1.54	0.066	0.06	—
1.50	0.052	<0.01	—
0.82	0.138	0.11	—
0.17	0.179	0.09	—
0.41	0.194	0.11	—
0.64	0.163	0.20	—
0.99	0.170	—	—
1.06	0.187	0.23	—
0.99	0.429	0.42	—
0.72	0.433	0.35	—
0.49	0.467	—	—
0.72	0.302	0.58	—
0.37	0.357	0.37	—
—	—	0.26	—
0.87	0.176	0.18	—
0.46	0.201	0.17	—
0.38	0.196	0.23	—
0.97	0.160	0.16	—
0.97	0.159	0.14	—
0.98	0.071	0.11	—
1.93	0.093	0.08	—
1.93	0.074	0.07	—
[redacted]			
1.65	0.089	0.29	2.0
1.390	0.062	0.10	2.5
0.554	0.073	0.06	9.8
1.53	0.055	0.04	3.3
0.922	0.149	0.08	8.8
1.15	0.127	0.07	328.4
1.11	0.062	—	42.5
0.932	0.111	0.10	69.6
0.753	0.144	0.09	24.1
0.946	0.210	0.35	42.0
0.693	0.252	0.18	46.4
0.586	0.220	0.13	<3.0
1.08	0.228	0.21	11.5
0.846	1.88	0.11	7.2
0.973	0.145	0.09	5.5
0.996	0.214	—	7.0
0.789	0.23	0.14	20.0
1.43	0.25	0.12	4.5
0.879	0.19	0.14	9.0
1.39	0.14	0.11	<3.0
0.705	0.21	0.19	<3.0
0.445	0.18	0.14	<3.0
[redacted]			
0.912	0.11	0.06	<1.1
1.37	0.06	0.04	4.2
1.05	0.05	0.02	3.6

	0.704		0.04		0.05		5.2
	0.976		0.35		0.09		6.2
	0.713		0.20		0.09		4.8
	0.891		0.27		0.43		85.6
	0.572		0.23		0.20		187.2
	1.01		0.43		0.31		—
	0.379		0.25		0.56		6.4
	0.827		0.24		0.24		4.0
	0.593		0.31		0.19		11.7
	0.550		0.21		0.18		3.7
	1.87		1.10		0.94		5.6
	0.888		0.12		0.12		4.2
	2.67		0.19		0.17		6.2
	2.02		0.15		0.13		3.2
J-QC/FFB	1.68	J-QC/FFB/FFDRPO	0.07	J-QC/FFB	0.11		10.1
J-QC/FFB	1.04	J-QC/FFB/FFDRPO	0.07	J-QC/FFB	0.11		9.9
J-QC/FFD/RPO	0.729		0.07		0.07		—
J-QC/FFD/RPO	0.723		0.08		0.07		—
J-QC/FFB	1.28	J-QC/FLS	<0.05	K	<0.05	K	4.8
J-QC/FFB	1.35	J-QC/FLS	<0.05	K	<0.05	K	4.8
J-QC/FFB	0.835	J-QC/FFB	0.15	J-QC/FFB	0.07		5.4
J-QC/FFB	0.859	J-QC/FFB	0.15	J-QC/FFB	0.06		5.6
J-QC/FFB	0.587		0.19	J-QC/FFD/RPO	0.18	J-QC/FFD/RPO	7.1
J-QC/FFB	0.564		<0.05	KJ-QC/FFD/RPO	<0.05	KJ-QC/FFD/RPO	6.5
J-QC/FFB/FFDRPO	1.20	J-QC/FFB	0.13		0.11		<2.4
J-QC/FFB/FFDRPO	1.11	J-QC/FFB	0.14		0.10		<2.4
	0.960		0.24	J-QC/FFD/RPO	0.11		1.7
	0.962		0.14	J-QC/FFD/RPO	0.10		1.8
	0.869		0.14	J-QC/FFD/RPO	0.13		2.8
	0.954		0.23	J-QC/FFD/RPO	0.12		2.8
	0.434		0.27	J-QC/FFD/RPO	0.11		32.3
	0.369		0.17	J-QC/FFD/RPO	0.11		30.0
	0.684		0.35	J-QC/FFB	0.18		14.9
	0.666		0.26	J-QC/FFB	0.19		14.4
J-QC/FFB	0.796		0.26		0.18		15.7
J-QC/FFB	0.845		0.26		0.17		1.7
	0.439		0.20		0.16		13.2
	0.441		0.23		0.15		12.9
	0.642		0.22		0.19		8.0
	0.641		0.22		0.20		9.0
J-QC/FFB	0.639		0.12		0.12		7.9
J-QC/FFB	0.647		0.14		0.16		8.0
J-QC/FFB	0.794		0.14		0.11		5.2
J-QC/FFB	0.842		0.13		0.12		4.5
J-QC/FFB	0.715	J-QC/FFB	0.20		0.15		1.8
J-QC/FFB	0.742	J-QC/FFB	0.17		0.16		2.3
J-QC/FFB/FFDRPO	0.811		0.11		0.10		1.9
J-QC/FFB/FFDRPO	0.880		0.10		0.10		1.9

J-QC/FFB	2.77		0.15	J-QC/FLD/RPO	0.08		1.5
	2.35		0.16	J-QC/FLD/RPO	0.07		1.1
J-QC/FFB	1.33	J-QC/FFB	0.10		0.05	J-QC/FFD/RPO	2.5
J-QC/FFB	1.33	J-QC/FFB	0.10		0.07	J-QC/FFD/RPO	2.2
J-R	0.766	J-QC/FFB	0.05		<0.05	K	5.8
J-R	0.815	J-QC/FFB	0.06		<0.05	K	5.6
J-R	0.829		0.07		0.05	J-QC/FFD/RPO	10.8
J-R	0.833		0.06		<0.05	KJ-QC/FFD/RPO	11.1
J-QC/FFB	0.769		0.17		0.11		23.4
J-QC/FFB	0.868		0.16		0.11		28.2
J-QC/FFB	0.433		0.17		0.11		18.7
J-QC/FFB	0.428		0.19		0.12		18.5
J-QC/FFB	0.920		0.69	J-QC/FFD/RPO	0.48	J-QC/FFD/RPO	102.0
J-QC/FFB	0.880		0.28	J-QC/FFD/RPO	0.27	J-QC/FFD/RPO	92.8
	0.377	J-QC/FFD/RPO	0.45		0.33		156.0
	0.235	J-QC/FFD/RPO	0.38		0.29		184.0
	0.837		0.28	J-QC/FFB/FLS	0.18		8.4
	0.774		0.28	J-QC/FFB/FLS	0.18		11.2
	0.424		0.81		0.44		339.2
	0.456		0.85		0.52		328.8
	0.394		0.35		0.25		128.4
	0.343		0.35		0.25		126.4
J-QC/FFB	0.577		0.22		0.21		21.6
J-QC/FFB	0.549		0.22		0.22		23.8
	0.675		0.25		0.15		5.4
	0.671		0.22		0.13		5.8
	1.00		0.18		0.14		5.3
	0.957		0.17		0.13		5.4
J-QC/FFB	1.06		0.21		0.12		15.2
J-QC/FFB	1.04		0.21		0.13		13.6
	1.01		0.18	J-QC/FFB	0.13		4.2
	1.09		0.19	J-QC/FFB	0.13		4.6
[redacted]							
J-QC/FFB/FFDRPO	0.9980		0.16		0.12		1.5
J-QC/FFB/FFDRPO	1.0200		0.16		0.11		1.9
J-QC/FFB	1.7900		0.10	J-QC/FFB	0.06		2.6
J-QC/FFB	1.6000		0.10	J-QC/FFB	0.06		2.4
	0.8800		0.14	J-QC/FFB	0.08	J-QC/FFD/RPO	2.1
	0.9324		0.18	J-QC/FFB	0.11	J-QC/FFD/RPO	2.1
J-QC/FFB	0.8369	J-QC/FLS	0.08		0.05		14.1
J-QC/FFB	0.8362	J-QC/FLS	0.06		0.04	J-R	12.2
J-QC/FFB	0.7350		0.10		0.05		64.4
J-QC/FFB	0.6306		0.11		0.04	J-R	43.2
J-QC/FFB	1.8017		0.12		0.12		9.3
J-QC/FFB	1.5467		0.14		0.12		8.9
J-QC/FFB	0.4593	J-QC/FLS	0.20		0.16		—
J-QC/FFB	0.5380	J-QC/FLS	0.22		0.19		—
J-QC/FFB	0.4346		0.33	J-QC/FFD/FLDRPO	0.16		48.6
J-QC/FFB	0.4339		0.24	J-QC/FFD/FLDRPO	0.16		57.0
J-QC/FFB	0.2542		0.37	J-QC/FLD/RPO	0.18		18.6

J-QC/FFB	0.2345		0.38	J-QC/FLD/RPO	0.16		17.1
J-QC/FFB	1.0648	J-QC/FFB	0.26	J-QC/FFB	0.24	J-QC/FFB	12.0
J-QC/FFB	1.0572	J-QC/FFB	0.24	J-QC/FFB	0.22	J-QC/FFB	11.7
	0.7560		0.08	J-QC/FFD/RPO	0.18	J-QC/FFD/RPO	4.3
	0.7639		0.12	J-QC/FFD/RPO	0.13	J-QC/FFD/RPO	3.8
J-QC/FFB	1.2645	J-QC/FLS	0.07	J-QC/FLS	0.11		8.0
J-QC/FFB	1.2998	J-QC/FLS	0.08	J-QC/FLS	0.10		10.1
J-QC/FFB	0.6188		0.10		0.09		3.58
J-QC/FFB	0.6234		0.10		0.09		3.76
J-QC/FFB	0.7394		0.11	J-QC/FLD/RPOFLS	0.10	J-QC/FFD/RPO	4.44
J-QC/FFB	0.7484		0.11	J-QC/FLD/RPOFLS	0.07	J-QC/FFD/RPO	5.16
J-QC/FFB/FFDRPO	0.9674		0.11		0.09		1.36
J-QC/FFB/FFDRPO	0.8985		0.11		0.09		1.49
J-QC/FFB	1.3497		0.11		0.08		11.4
J-QC/FFB	1.4977		0.11		0.09		14.0
[redacted]							
J-QC/FFB	1.0159		0.08		0.06		14.3
J-QC/FFB	1.1434		0.09		0.06		11.6
J-QC/FFB/FFDRPO	1.3049	J-QC/FFB	0.08		0.07		24.6
J-QC/FFB/FFDRPO	1.2563	J-QC/FFB	0.09		0.07		27.7
J-QC/FFB	0.7444		0.07		0.05		4.86
J-QC/FFB	0.6055		0.07		0.05		5.27
J-QC/FFB	0.3833	J-QC/FFB	0.15		0.09		49.2
J-QC/FFB	0.3886	J-QC/FFB	0.13		0.09		54.8
	0.9200		0.12		0.08	J-QC/FFD/RPO	7.86
	0.9130		0.14		0.12	J-QC/FFD/RPO	7.76
J-QC/FFB	0.6246	J-QC/FLS	0.10		0.06		30.0
J-QC/FFB	0.6874	J-QC/FLS	0.10		0.05		37.2
J-QC/FFB	0.6217		0.17	J-QC/FFB	0.10		58.4
J-QC/FFB	0.6482		0.14	J-QC/FFB	0.09		62.1
J-QC/FFB	0.6669	J-QC/FLS	0.17		0.15		20.8
J-QC/FFB	0.5948	J-QC/FLS	0.18		0.17		19.7
	0.2799		0.26		0.19	J-QC/FFB	22.4
	0.2401		0.27		0.19	J-QC/FFB	24.1
	0.6499	J-QC/FFD/RPO	0.23		0.20	J-QC/FFB	11.8
	0.4495	J-QC/FFD/RPO	0.17		0.16	J-QC/FFB	13.2
	0.7768	J-QC/FLS	0.27		0.21		14.9
	0.7441	J-QC/FLS	0.27		0.20		6.12
J-QC/FFB	1.2636		0.21		0.19		59.2
J-QC/FFB	1.2716		0.19		0.15		59.8
	0.6683		0.18		0.15		12.3
	0.6727		0.16		0.15		17.9
J-QC/FFB	0.1563		0.22		0.15		49.6
J-QC/FFB	0.1808		0.21		0.14		40.2
	0.7745	J-HT/EHT	0.40	J-QC/FFD/RPO	0.20		13.3
	0.7629	J-HT/EHT	0.22	J-QC/FFD/RPO	0.17		—
	0.6828		0.13		0.09		13.1
	0.8403		0.14		0.10		12.9
J-QC/FFB	0.7471		0.37		0.18		15.3
J-QC/FFB	0.7585		0.49		0.17		21.0

J-QC/FFB	0.9372		0.08	J-QC/FFD/RPO	0.06	J-QC/FFD/FLDRPO	0.930
J-QC/FFB	0.9705		0.13	J-QC/FFD/RPO	0.10	J-QC/FFD/FLDRPO	1.06
J-QC/FFB	1.1709	J-QC/FLS	0.09		0.07	J-QC	0.909
J-QC/FFB	1.1541	J-QC/FLS	0.11		0.08	J-QC	0.893
J-QCJ-HT/FFB/EHT	1.0924	J-QC/FFB	0.08		0.05	J-QC/FFD/RPO	4.09
J-QCJ-HT/FFB/EHT	1.1391	J-QC/FFB	0.06		0.04	J-RJ-QC/FFD/RPO	6.63
J-QC/FFB	0.7006	J-QC/FFB	0.09		0.04	J-RJ-QC/FLD/RPO	10.1
J-QC/FFB	0.5353	J-QC/FFB	0.08		0.04	J-RJ-QC/FLD/RPO	19.4
J-QCJ-HT/FFB/EHT	0.3196	J-HT/EHT	0.18	J-QC/FMS	0.12	J-QC	16.3
J-QCJ-HT/FFB/EHT	0.3233	J-HT/EHT	0.15	J-QC/FMS	0.11	J-QC	29.8
	0.8309	J-QC/FFB	0.20		0.14		4.26
	0.8382	J-QC/FFB	0.18		0.14		2.86
J-QC/FFB	0.5390		0.17		0.18	J-QC/FLD/RPO	3.40
J-QC/FFB	0.5540		0.16		0.16	J-QC/FLD/RPO	2.97
J-QC/FFB	0.7266		0.23	J-QC/FLD/RPO	0.14	J-QC/FLD/RPO	2.18
J-QC/FFB	0.7243		0.21	J-QC/FLD/RPO	0.15	J-QC/FLD/RPO	2.69
J-QC/FFB	0.5708		0.25	J-QC/FFD/RPOFMS	0.14		18.5
J-QC/FFB	0.6446		0.18	J-QC/FFD/RPOFMS	0.14		17.7
J-QC/FFB	0.9195		0.11		0.07		4.80
J-QC/FFB	0.9225		0.11		0.07		2.87
	0.6397		0.18	J-QC/FLD/RPO	0.14	J-QC/FLD/RPO	2.67
	0.6450		0.16	J-QC/FLD/RPO	0.15	J-QC/FLD/RPO	5.07
J-QC/FFB	0.7152		0.19	J-QC	0.15	J-QC	51.4
J-QC/FFB	0.8312		0.17	J-QC	0.14	J-QC	54.2
J-QCJ-HT/FFB/EHT	0.4592	J-QC/FLS	0.84	J-QC/FFD/RPO	0.55	J-QC/FFD/RPO	3.76
J-QCJ-HT/FFB/EHT	0.5618	J-QC/FLS	1.27	J-QC/FFD/RPO	0.78	J-QC/FFD/RPO	8.75
J-QC/FFB	0.7593		0.17		0.14	J-QC/FMS	253
J-QC/FFB	0.6420		0.17		0.14	J-QC/FMS	200
J-QC/FFD/RPO	0.7322	J-QC/FFD/RPO	0.54	-QC/FFB/FLDRPOFM	0.39	J-QC	19.8
J-QC/FFD/RPO	0.3052	J-QC/FFD/RPO	0.52	-QC/FFB/FLDRPOFM	0.40	J-QC	19.0
J-QC/FFB	0.3629	J-QC/FFB/FFDRPO	0.50	J-QC/FFD/RPO	0.16		15.4
J-QC/FFB	0.2591	J-QC/FFB/FFDRPO	0.35	J-QC/FFD/RPO	0.15		14.8
J-QC/FFB	0.7539	J-QC/FFB	0.18		0.13		12.8
J-QC/FFB	0.6808	J-QC/FFB	0.19		0.14		12.1
J-QC/FFB	0.9496		0.11		0.11		10.9
J-QC/FFB	0.9761		0.11		0.11		10.1
J-QC/FFB	1.0419		0.09		0.08	J-HT	9.96
J-QC/FFB	1.2710		0.10		0.09	J-HT	9.72
J-QC/FFB	1.2826	J-HT	0.10		0.09		1.98
J-QC/FFB	1.1932	J-HT	0.10		0.10		2.05
J-QC/FFB	0.8896		0.11	J-QC/FLD/RPO	0.08		4.43
J-QC/FFB	1.0669		0.08	J-QC/FLD/RPO	0.06		4.29
J-QC/FFB	0.9241		0.09		0.05		2.95
J-QC/FFB	0.9882		0.07		0.05		3.31
J-HT/EHT	0.5497		0.09		0.06		8.72
J-HT/EHT	0.5251		0.07		0.05		9.01
J-QC/FFB	0.4536	J-HT	0.14	J-QC/FMS	0.12		7.47
J-QC/FFB	0.4926	J-HT	0.14	J-QC/FMS	0.10		7.27

J-QC/FFB	0.4137	J-QC/FFD/RPO	0.12		0.08		81.2
J-QC/FFB	0.6133	J-QC/FFD/RPO	0.12		0.07		76.8
J-QCJ-HT/FFB	0.6512		0.15		0.13		8.73
J-QCJ-HT/FFB	0.7545		0.15		0.12		10.1
J-QC/FFB	0.4856		0.19		0.08		52.4
J-QC/FFB	0.5068		0.18		0.08		68.0
J-QCJ-HT/FFB	0.5740		0.13		0.10		6.19
J-QCJ-HT/FFB	0.6101		0.12		0.08		6.18
J-QC/FFB	0.4773	J-HT	0.13		0.09		14.2
J-QC/FFB	0.4005	J-HT	0.15		0.10		13.9
J-QC/FFB	0.3088		0.32	J-QC/FFB/FMS	0.21		9.51
J-QC/FFB	0.3312		0.29	J-QC/FFB/FMS	0.18		9.83
J-QCJ-HT/FFB	0.6451	J-QC	0.22	J-QC	0.12	J-QC	4.57
J-QCJ-HT/FFB	0.6327	J-QC	0.18	J-QC	0.11	J-QC	4.42
J-QC/FFB	0.5482	J-HT	0.48		0.25		10.1
J-QC/FFB	0.5270	J-HT	0.42		0.22		10.2
J-QC/FFB	0.6755		0.18		0.11		8.28
J-QC/FFB	0.6007		0.18		0.12		10.5
J-QC/FFB	1.0926		0.16		0.12	J-QC	1.93
J-QC/FFB	0.8330		0.14		0.12	J-QC	1.58

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
	14.0	0.00	0.00
	6.3	0.00	0.00
	9.1	0.21	0.21
	13.0	0.03	0.18
	17.0	0.00	0.00
	17.0	0.00	0.00
	10.0	0.04	0.04
	9.8	0.00	0.00
	7.7	0.00	0.05
	2.4	0.18	0.18
	8.6	0.00	0.18
	10.4	0.00	0.00
	9.4	0.45	0.69
	2.6	0.00	0.00
	14.1	0.00	0.00
	5.5	0.08	0.61
	1.2	0.00	0.00
	10.0	0.00	0.00
	5.8	0.00	0.00
	9.1	0.00	0.00
	8.6	0.41	0.57
	4.2	0.00	0.04
	3.9	0.09	0.28
	0.8	0.00	0.00
	3.9	0.14	0.27
	3.1	0.00	0.00
	1.7	0.00	0.00
	0.8	0.00	0.00
	2.7	0.00	0.00
	1.6	0.00	0.00
	1.4	0.00	0.00
	6.2	0.00	0.00
	4.5	0.00	0.95
	5.8	0.00	0.40
	6.7	0.00	0.00
	6.1	0.08	0.66
	3.4	0.00	0.00
	5.8	0.00	0.12
	3.7	0.00	0.00
	4.9	0.00	0.03
	14.9	0.02	0.71
	11.5	0.48	0.48
	10.2	0.00	0.00
	10.0	0.04	0.04

6.7	0.01	0.14
6.9	0.00	0.00
4.7	0.00	0.00
5.1	0.00	0.00
4.8	0.00	0.00
5.4	0.00	0.00
7.3	0.00	0.00
—	0.00	0.00
3.0	0.00	0.00
3.9	0.00	0.00
3.2	1.19	1.22
—	0.00	0.00
8.2	0.00	0.00
7.3	0.00	0.00
6.7	0.00	0.00
6.4	0.02	0.37
5.4	0.00	0.00
5.9	0.01	1.12
4.4	0.00	0.00
6.3	0.04	0.23
3.1	0.00	0.00
2.7	0.20	0.20
1.9	0.00	0.00
[redacted]		
3.4	0.00	0.00
2.7	0.00	0.00
5.1	0.24	0.26
1.7	0.00	0.15
4.6	0.00	0.25
3.6	0.17	0.27
—	0.00	0.00
5.3	0.32	0.74
3.9	0.00	0.00
7.1	0.84	0.90
—	0.00	0.00
4.1	0.00	0.00
4.2	0.00	0.00
8.3	0.00	0.00
6.5	0.03	0.32
—	0.00	1.09
7.4	0.00	0.00
7.7	0.00	0.00
5.1	0.00	0.00
7.4	0.28	0.28
9.3	0.01	1.37
7.2	0.01	0.09
[redacted]		
2.2	0.01	0.01
3.6	0.00	0.00
2.6	0.00	0.00

	6.1		0.00	0.00
	5.9		0.00	0.00
	8.1		0.00	0.48
	6.4		0.00	0.28
	7.4		0.14	0.15
	5.6		0.00	0.00
	7.6		0.00	0.00
J-R	4.9		0.00	0.00
	4.0		0.00	0.00
J-R	6.3		0.71	0.71
	5.1		0.00	0.00
J-R	5.4		0.00	0.00
	5.6		0.15	0.15
J-R	10.2		0.00	0.12
[redacted]				
	5.5	J-QC/FFB	0.00	1.25
	5.1	J-QC/FFB	0.00	1.25
NAPQNS	5.8		0.05	0.05
NAPQNS	5.6		0.05	0.05
	6.1	J-QC/FFB	0.00	0.00
	8.2	J-QC/FFB	0.00	0.00
J-HT/EHT	5.8		0.00	0.78
J-HT/EHT	5.7		0.00	0.78
	8.4		1.47	2.10
	7.8		1.47	2.10
K	5.6		0.00	0.00
K	4.7		0.00	0.00
J-R	7.2		0.92	1.35
J-R	6.1		0.92	1.35
	13.6		2.01	2.01
	12.8		2.01	2.01
	7.2	J-QC/FFB	0.00	0.00
	7.0	J-QC/FFB	0.00	0.00
	6.8	J-QC/FFB	0.25	0.25
	6.3	J-QC/FFB	0.25	0.25
J-QC/FFB/FFDRPO	<0.5	KJ-QC/FFB/FSL	0.00	0.00
J-RJ-QC/SUS/FFBFFDRPO	<0.5	KJ-QC/FFB/FSL	0.00	0.00
	6.4	J-QC/FFB	0.00	0.00
	6.8	J-QC/FFB	0.00	0.00
	5.9	J-QC/FFB	0.00	0.00
	5.5	J-QC/FFB	0.00	0.00
	7.1	J-QC/FFB	0.00	0.17
	6.7	J-QC/FFB	0.00	0.17
	4.1	BJ-QC/FBK/FFB	0.00	0.00
	4.4	BJ-QC/FBK/FFB	0.00	0.00
J-R	7.1	J-QC/FFB	0.00	0.00
	6.6	J-QC/FFB	0.00	0.00
J-R	6.5	J-QC/FFB/FFDRPO	0.00	0.00
J-R	8.8	J-QC/FFB/FFDRPO	0.00	0.00
[redacted]				

J-RJ-QC/FFD/RPO	8.80	J-QC/FFB/FFD/RPO	0.00	0.00
J-RJ-QC/FFD/RPO	6.30	J-QC/FFB/FFDRPO	0.00	0.00
	5.90	J-QC/FFB	0.00	0.00
	5.10	J-QC/FFB	0.00	0.00
	6.40		0.00	0.00
	6.10		0.00	0.00
	5.70		0.00	0.00
	5.20		0.00	0.00
	6.30	J-QC/FFB	0.00	0.47
	5.90	J-QC/FFB	0.00	0.47
	5.59	J-QC/FFB/FLDRPO	0.25	0.25
	5.43	J-QC/FFB/FLDRPO	0.25	0.25
	6.03	J-QC/FFB	0.73	0.73
	5.43	J-QC/FFB	0.73	0.73
	6.10	J-QC/FFB	0.00	0.00
	5.60	J-QC/FFB	0.00	0.00
	5.70	J-QC/FFB	0.00	1.69
	5.50	J-QC/FFB	0.00	1.69
	13.30	J-QC/FFB/OUT	0.13	0.13
	10.20	J-QC/FFB/OUT	0.13	0.13
	6.20	BJ-QC/FBK/FFB	0.07	0.07
	5.90	BJ-QC/FBK/FFB	0.07	0.07
	5.60	J-QC/FFB	0.00	0.71
	5.50	J-QC/FFB	0.00	0.71
	5.50	J-QC/FFB	0.68	0.68
	5.10	J-QC/FFB	0.68	0.68
	5.50		0.01	0.28
	5.50		0.01	0.28
	6.40	J-QC/FFB	0.02	0.02
	4.80	J-QC/FFB	0.02	0.02
	6.50		0.00	0.00
	5.90		0.00	0.00
J-R	6.9	J-QC/FFB	0.00	0.00
J-R	6.6	J-QC/FFB	0.00	0.00
	5.6	J-QC/FFB	0.00	0.10
J-R	5.3	J-QC/FFB	0.00	0.10
J-R	7.7		0.00	0.00
J-R	6.9		0.00	0.00
	3.9	J-QC/FFB	0.67	0.71
	4.0	J-QC/FFB	0.67	0.71
J-QC/FFD/RPO	4.7	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	4.5	BJ-QC/FBK/FFB	0.00	0.00
	5.8	J-QC/FFB	0.00	0.03
	5.2	J-QC/FFB	0.00	0.03
A/LBF	3.0	J-QC/FFB	0.49	0.53
A/LBF	3.9	J-QC/FFB	0.49	0.53
	5.4	J-QC/FFB	0.00	0.00
	5.0	J-QC/FFB	0.00	0.00
	6.4	J-QC/FFB	0.00	0.00

	6.1	J-QC/FFB	0.00	0.00
	6.7	J-QC/FFB/FFDRPO	0.00	0.39
	0.3	J-QC/FFB/FFDRPO	0.00	0.39
	7.2	J-QC/FFB	0.22	0.23
	7.3	J-QC/FFB	0.22	0.23
	5.9	J-QC/FFB	0.00	0.00
	5.6	J-QC/FFB	0.00	0.00
	5.9	J-QC/FFB	0.00	0.00
	5.8	J-QC/FFB	0.00	0.00
	6.1		0.00	0.00
	4.6		0.00	0.00
J-R	5.6	J-QC/FFB	0.00	0.00
J-R	5.9	J-QC/FFB	0.00	0.00
	<0.2	KJ-QC/FFB	0.22	0.22
	<0.2	KJ-QC/FFB	0.22	0.22
	3.9		0.14	0.14
	3.3		0.14	0.14
	3.7	J-QC/FFB	0.02	0.02
	4.1	J-QC/FFB	0.02	0.02
	4.9	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
	4.7	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
J-QC/FSL	5.4	J-QC/FFB	0.30	2.82
J-QC/FSL	5.4	J-QC/FFB	0.30	2.82
	4.6	J-QC/FFB	0.20	0.82
	4.6	J-QC/FFB	0.20	0.82
	3.3	J-QC/FFB	0.73	0.76
	3.6	J-QC/FFB	0.73	0.76
J-QC/FSL	3.3	BJ-QC/FBK/FFB	1.12	1.12
J-QC/FSL	2.6	BJ-QC/FBK/FFB	1.12	1.12
	6.3	J-QC/FFB	0.00	0.95
	6.3	J-QC/FFB	0.00	0.95
J-QC/FSL	2.9	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	3.2	BJ-QC/FBK/FFB	0.00	0.00
	6.2	J-QC/FFB	0.03	0.07
	7.4	J-QC/FFB	0.03	0.07
J-QC/FFD/RPO	4.4	J-QC/FFB	0.00	0.05
J-QC/FFD/RPO	4.1	J-QC/FFB	0.00	0.05
J-QC/FFB/FSL	3.7	J-QC/FFB	0.00	0.00
J-QC/FFB/FSL	4.0	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.4		0.11	0.70
J-QC/FFD/RPO	4.2		0.11	0.70
J-QC/FSL	3.2		1.00	1.00
J-QC/FSL	2.9		1.00	1.00
J-QC/FSL	4.7	J-QC/FFB	0.00	0.35
A/LBF	4.9	J-QC/FFB	0.00	0.35
	4.4	BJ-QC/FBK/FFB	0.46	0.46
	4.0	BJ-QC/FBK/FFB	0.46	0.46
J-QC/FFD/RPO	4.2	J-QC/FFB	0.02	0.05
J-QC/FFD/RPO	4.3	J-QC/FFB	0.02	0.05

J/LLS	2.79	BJ-QC/FBK/FFB	0.00	0.00
J/LLS	3.42	BJ-QC/FBK/FFB	0.00	0.00
J/LLS	5.20	J-QC/FFB	0.00	0.02
J/LLS	4.98	J-QC/FFB	0.00	0.02
J-QC/FFD/RPO	4.89	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	4.40	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFB/FFDRPO	3.6	J-QC/FFD/RPO	0.00	0.00
J-QC/FFB/FFDRPO	6.1	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	5.4	J-QC/FLD/RPO	1.46	2.61
J-QC/FFD/RPO	4.2	J-QC/FLD/RPO	1.46	2.61
J-QC/FFB/FFDRPO	5.7	J-QC	0.00	0.00
J-QC/FFB/FFDRPO	5.4	J-QC	0.00	0.00
	7.8	J-QC/FFB/FFDRPOFSLFMS	0.00	0.04
	18.7	J-QC/FFB/FFDRPOFSLFMS	0.00	0.04
	4.6	J-QC/FFD/RPO	0.01	0.12
	7.2	J-QC/FFD/RPO	0.01	0.12
	5.1	J-QC/FFB/FFDFLDRPO	0.00	0.00
	7.8	J-QC/FFB/FFDFLDRPO	0.00	0.00
J-QC/FFD/RPO	6.8	J-QC	0.00	0.02
J-QC/FFD/RPO	6.5	J-QC	0.00	0.02
J-QC/FFB/FFDRPO	7.6	J-QC	0.00	0.00
J-QC/FFB/FFDRPO	6.6	J-QC	0.00	0.00
	4.2	J-QC/FFB	0.01	0.04
	3.9	J-QC/FFB	0.01	0.04
J-QC/FFD/RPO	16.6	J-QC/FFD/RPO	0.00	0.05
J-QC/FFD/RPO	28.6	J-QC/FFD/RPO	0.00	0.05
J-QC/FFB	2.0	J-QC/FFB/FFDRPO	0.00	0.04
J-QC/FFB	3.2	J-QC/FFB/FFDRPO	0.00	0.04
	18.14	BJ-QC/FBK/FLDRPOFMS	0.00	0.00
	18.64	BJ-QC/FBK/FLDRPOFMS	0.00	0.00
	7.21	J-QC/FFD/RPOFSL	0.00	0.19
	10.33	J-QC/FFD/RPOFSL	0.00	0.19
	5.61		0.00	0.00
	5.28		0.00	0.00
	6.1	J-QC/FMS	0.00	0.14
	5.7	J-QC/FMS	0.00	0.14
	3.1	J-QC/FFB/FMS	0.00	0.95
	2.7	J-QC/FFB/FMS	0.00	0.95
J-QC/LLS	2.8	J-QC/FMS	0.00	0.01
J-QC/LLS	2.6	J-QC/FMS	0.00	0.01
	5.4		0.67	0.78
	5.0		0.67	0.78
	5.8		0.00	0.00
	5.3		0.00	0.00
	41.5	J-QC/FFD/RPOSUSOUT	0.00	0.00
	8.7	J-QC/FFD/RPO	0.00	0.00
	6.9	J-QC/FMS	0.03	0.03
	6.9	J-QC/FMS	0.03	0.03

	5.1		0.00	0.00
	5.0		0.00	0.00
	6.1		0.00	0.00
	5.8		0.00	0.00
	2.1	J-QC/FMS	0.00	0.00
	2.5	J-QC/FMS	0.00	0.00
	4.1	J-QC/FFB	0.00	0.07
	4.2	J-QC/FFB	0.00	0.07
	4.5		0.00	0.00
	4.1		0.00	0.00
	5.6		0.00	0.00
	4.5		0.00	0.00
	6.4	J-QC/FFD/RPO	0.00	0.12
	4.3	J-QC/FFD/RPO	0.00	0.12
	8.2	J-QC/FFB	0.00	0.00
	7.8	J-QC/FFB	0.00	0.00
	4.8	J-QC/FLD/RPO	1.86	1.88
	4.2	J-QC/FLD/RPO	1.86	1.88
J-QC/LLS/FFB	5.4		0.08	0.18
J-QC/LLS/FFB	6.7		0.08	0.18

February 22, 2006#REF!

#REF! 1

[redacted]

[redacted]

Station #23 Upper Arthur Kill	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 10, 2003	10:30	6.10	5.9	11.01
December 18, 2003	12:10	6.20	5.3	7.53
2004				
February 26, 2004	01:20	7.87	4.0	11.04
April 6, 2004	09:50	7.54	7.1	9.63
April 22, 2004	09:35	6.80	12.7	9.61
May 5, 2004	09:50	7.00	14.3	7.21
May 20, 2004	10:35	7.31	19.0	5.64
May 27, 2004	11:00	7.43	20.0	5.58
June 1, 2004	—	7.23	—	—
June 16, 2004	10:15	7.40	23.0	5.60
June 23, 2004	10:00	7.67	21.2	8.37
July 1, 2004	10:30	7.25	22.1	—
July 7, 2004	10:30	7.44	—	—
July 14, 2004	10:34	7.43	21.9	4.20
July 21, 2004	11:15	7.48	24.8	3.20
July 28, 2004	10:35	7.20	20.8	5.63
August 4, 2004	10:26	7.20	26.06	4.18
August 11, 2004	10:10	7.49	23.98	5.88
August 18, 2004	10:44	7.25	24.20	4.04
August 25, 2004	10:19	7.32	23.99	5.59
September 1, 2004	10:05	7.46	25.53	4.71
September 15, 2004	10:50	7.36	23.78	4.57
September 22, 2004	10:13	7.45	21.31	6.34
September 29, 2004	10:35	7.03	20.83	6.70
October 14, 2004	10:35	—	18.18	5.60
October 21, 2004	11:40	—	15.4	6.27
November 4, 2004	11:30	7.50	14.2	7.23
November 22, 2004	09:50	7.43	11.63	7.25
December 2, 2004	11:25	7.38	9.44	9.48
2005				
February 24, 2005	10:40	—	3.73	11.46
April 13, 2005	10:52	—	10.33	14.99
May 5, 2005	10:55	7.51	12.68	9.13
May 11, 2005	10:13	7.37	14.23	9.55
May 19, 2005	11:14	7.65	15.64	8.49
May 31, 2005	11:20	7.38	17.31	6.68
June 8, 2005	10:14	7.22	20.89	5.75
June 15, 2005	10:35	7.45	22.64	7.16
June 22, 2005	11:23	7.23	22.20	5.22
June 29, 2005	10:53	7.19	24.72	5.14
July 6, 2005	10:47	7.20	25.52	4.42
August 3, 2005	10:56	6.93	27.67	—
August 11, 2005	—	—	—	—
August 17, 2005	10:15	7.24	27.13	3.97
August 25, 2005	10:19	—	25.89	4.12

September 8, 2005		—	—	—	—
September 12, 2005		—	—	—	—
September 22, 2005		09:48	7.25	24.91	4.11
October 6, 2005		10:30	7.23	22.30	5.45
October 18, 2005		11:11	—	17.04	7.86
November 3, 2005		10:46	7.48	13.80	9.24
December 21, 2005		10:22	6.65	4.77	13.00
2006					
January 5, 2006		10:34	7.34	5.97	14.77
February 1, 2006		09:59	7.63	5.96	13.09
March 30, 2006		10:42	8.15	7.70	14.21
April 18, 2006		10:13	7.67	12.11	9.23
April 27, 2006		10:37	7.33	13.96	10.56
May 2, 2006		10:37	7.25	14.49	11.06
May 11, 2006		11:02	7.39	15.52	7.60
June 15, 2006		10:29	7.25	19.70	7.66
June 19, 2006		10:59	7.37	20.39	9.64
June 26, 2006		11:29	7.18	22.84	6.71
July 11, 2006		10:39	7.18	21.52	6.36
July 20, 2006		09:39	7.20	25.41	5.22
July 24, 2006		10:44	7.10	24.72	5.56
July 31, 2006		11:21	7.31	25.68	5.60
August 9, 2006		09:59	7.55	25.37	5.16
August 29, 2006		10:24	7.24	24.44	4.02
September 6, 2006		09:51	7.32	21.36	5.34
September 11, 2006		10:51	7.25	22.36	4.67
September 18, 2006		10:26	7.20	21.94	7.36
September 25, 2006		11:04	7.41	22.63	6.28
October 18, 2006		10:32	7.41	15.53	7.58
November 14, 2006		11:36	7.51	13.24	7.28
December 13, 2006		10:21	7.72	8.60	9.29
2007					
January 10, 2007		11:12	8.06	7.76	9.73
January 25, 2007		11:59	7.64	5.38	9.59
March 20, 2007		10:46	7.83	4.65	11.86
April 2, 2007		11:25	7.65	7.61	12.87
May 3, 2007		11:04	7.42	12.29	8.54
Boat engine failure - 5/18/07					
September 11, 2007		10:07	7.25	26.58	5.54
October 3, 2007		10:59	7.19	23.18	5.04
October 30, 2007	A	10:35	7.19	16.75	6.23
October 30, 2007	B	10:35	—	—	—
November 27, 2007		11:13	—	9.98	8.40
2008					
January 9, 2008		10:42	—	6.34	10.27
February 28, 2008		11:29	—	—	—
March 13, 2008	A	11:30	7.60	5.28	11.54
March 13, 2008	B	11:30	—	—	—
April 24, 2008	A	11:10	7.66	14.07	9.82
April 24, 2008	B	11:10	—	—	—

May 6, 2008	A	12:27	7.30	14.77	7.09
May 6, 2008	B	12:27	—	—	—
June 5, 2008	A	10:34	7.31	18.47	5.90
June 5, 2008	B	10:34	—	—	—
June 10, 2008	A	11:35	7.25	22.37	6.13
June 10, 2008	B	11:35	—	—	—
July 17, 2008	A	10:22	7.35	26.19	5.71
July 17, 2008	B	10:22	—	—	—
July 21, 2008	A	11:51	7.39	27.08	5.94
July 21, 2008	B	11:51	—	—	—
July 30, 2008	A	10:22	7.15	25.67	4.31
July 30, 2008	B	10:22	—	—	—
August 6, 2008	A	10:17	7.17	25.45	4.49
August 6, 2008	B	10:17	—	—	—
August 13, 2008	A	10:07	7.37	23.90	5.46
August 13, 2008	B	10:07	—	—	—
August 19, 2008	A	10:57	7.24	24.79	5.11
August 19, 2008	B	10:57	—	—	—
August 26, 2008	A	10:17	7.32	24.02	5.17
August 26, 2008	B	10:17	—	—	—
September 9, 2008	A	10:40	7.38	23.66	6.05
September 9, 2008	B	10:40	—	—	—
September 18, 2008	A	10:42	—	22.89	5.15
September 18, 2008	B	10:42	—	—	—
September 24, 2008	A	10:34	7.26	21.69	5.66
September 24, 2008	B	10:34	—	—	—
October 9, 2008	A	10:39	—	18.31	4.91
October 9, 2008	B	10:39	—	—	—
November 13, 2008		10:20	7.19	12.63	6.61
December 2, 2008	A	11:26	7.32	8.19	7.58
December 2, 2008	B	11:26	—	—	—
2009					
January 29, 2009	A	10:38	7.33	2.54	9.06
January 29, 2009	B	10:38	—	—	—
February 9, 2009	A	10:45	7.33	3.02	9.36
February 9, 2009	B	10:45	—	—	—
March 4, 2009	A	10:37	7.57	3.11	14.98
March 4, 2009	B	10:37	—	—	—
April 14, 2009	A	10:35	7.53	8.42	11.84
April 14, 2009	B	10:35	—	—	—
May 5, 2009	A	11:33	7.14	10.27	—
May 5, 2009	B	11:33	—	—	—
May 20, 2009	A	11:46	7.40	14.76	—
May 20, 2009	B	11:46	—	—	—
June 3, 2009	A	10:10	7.04	19.06	—
June 3, 2009	B	10:10	—	—	—
June 18, 2009	A	10:45	7.33	19.72	5.79
June 18, 2009	B	10:45	—	—	—
June 23, 2009	A	10:49	7.27	20.34	5.04
June 23, 2009	B	10:49	—	—	—

July 8, 2009		10:30	7.37		22.06		5.64
July 15, 2009	A	10:53	—	NAPEFAI/EQF	22.13		6.55
July 15, 2009	B	10:53	—		—		—
July 21, 2009	A	10:26	—	NAPEFAI/EQF	23.08		5.36
July 21, 2009	B	10:26	—		—		—
July 29, 2009	A	10:41	—	NAPEFAI/EQF	24.24		4.70
July 29, 2009	B	10:41	—		—		—
August 6, 2009	A	10:15	—	NAPEFAI/EQF	24.66		4.65
August 6, 2009	B	10:15	—		—		—
August 12, 2009	A	10:27	—	NAPEFAI/EQF	24.58		5.07
August 12, 2009	B	10:27	—		—		—
August 19, 2009	A	10:20	—	NAPEFAI/EQF	26.16		—
August 19, 2009	B	10:20	—		—		—
August 25, 2009	A	10:16	—	NAPEFAI/EQF	26.62		—
August 25, 2009	B	10:16	—		—		—
September 2, 2009	A	10:28	—	NAPEFAI/EQF	23.80		—
September 2, 2009	B	10:28	—		—		—
September 10, 2009		10:57	—	NAPEFAI/EQF	23.26		—
September 16, 2009	A	10:32	—	NAPEFAI/EQF	22.25		—
September 16, 2009	B	10:32	—		—		—
September 24, 2009	A	10:08	—	NAPEFAI/EQF	22.03		—
September 24, 2009	B	10:08	—		—		—
September 29, 2009	A	11:01	—	NAPEFAI/EQF	19.96		9.43
September 29, 2009	B	11:01	—		—		—
October 5, 2009	A	11:12	—	NAPEFAI/EQF	19.23		6.69
October 5, 2009	B	11:12	—		—		—
November 24, 2009		10:33	7.62		12.22		8.01
2010							
March 18, 2010		11:01	7.46		6.91		12.12
April 19, 2010		10:27	7.57		10.89		9.76
May 6, 2010		11:08	7.47		15.11		8.95
May 18, 2010	A	10:27	7.33		14.44		7.55
May 18, 2010	B	10:27	—	NA	—	NA	—
May 25, 2010		10:25	7.27		16.71		6.59
June 2, 2010		10:17	7.34		21.09		6.29
June 10, 2010	A	11:20	7.46		20.60		5.87
June 10, 2010	B	11:20	—	NA	—	NA	—
June 16, 2010		11:02	7.31		21.78		5.26
June 23, 2010	A	10:41	7.32		24.84		6.15
June 23, 2010	B	10:41	—	NA	—	NA	—
June 28, 2010		10:13	7.55		24.88		7.57
July 13, 2010	A	10:14	7.46		26.12		4.81
July 13, 2010	B	10:14	—	NA	—	NA	—
July 22, 2010		10:17	7.37		26.71		4.65
July 28, 2010		10:28	7.44		26.79		5.38
August 4, 2010		10:14	7.52		24.59		5.34
August 11, 2010		10:33	7.32		26.58		4.04
August 19, 2010		10:37	7.27		25.68		4.08
August 25, 2010	A	10:51	7.32		25.80		4.54
August 25, 2010	B	10:51	—	NA	—	NA	—

September 2, 2010		11:18	7.58		26.42		6.60
September 15, 2010		10:33	7.58		21.37		6.46
September 22, 2010		10:42	7.42		21.47		6.05
September 28, 2010		10:32	7.35		22.10		6.00
October 4, 2010		10:36	7.29		18.74		6.70
November 16, 2010		10:23	7.54		11.35		8.96
December 6, 2010	A	10:30	7.54		7.46		10.08
December 6, 2010	B	10:30	—	NA	—	NA	—
2011							
January 6, 2011		10:34	7.53		3.41		11.77
February 7, 2011		10:26	7.61		2.54		13.70
March 14, 2011		10:28	7.17		6.21		12.11
April 12, 2011		10:21	7.41		10.03		11.09
May 4, 2011		10:43	7.16		13.25		8.66
May 11, 2011	A	11:14	7.57		13.17		8.80
May 11, 2011	B	11:14	—	NA	—	NA	—
May 18, 2011	A	10:39	7.17		15.45		7.16
May 18, 2011	B	10:39	—	NA	—	NA	—
May 23, 2011		10:33	7.09		17.49		7.26
June 2, 2011	A	10:44	7.46		20.37		6.70
June 2, 2011	B	10:44	—	NA	—	NA	—
June 9, 2011		10:53	7.35		22.22		6.95
June 22, 2011	A	10:37	7.35		22.86		5.85
June 22, 2011	B	10:37	—	NA	—	NA	—
June 30, 2011	A	10:53	7.47		23.58		5.81
June 30, 2011	B	10:53	—	NA	—	NA	—
July 7, 2011	A	10:33	7.40		24.57		5.65
July 7, 2011	B	10:33	—	NA	—	NA	—
July 12, 2011		10:41	7.47		25.32		5.99
July 27, 2011		10:18	7.48		25.19		5.23
August 3, 2011		10:48	7.35		27.02		4.85
August 11, 2011		11:03	7.44		26.30		5.18
August 22, 2011	A	10:48	5.12		24.27		5.10
August 22, 2011	B	10:48	—	NA	—	NA	—
September 12, 2011		11:22	7.22		22.09		5.80
September 19, 2011	A	10:17	7.42		21.25		6.21
September 19, 2011	B	10:17	—	NA	—	NA	—
September 28, 2011		10:26	7.28		21.81		4.61
October 26, 2011	A	10:40	7.45		15.91		6.40
October 26, 2011	B	10:40	—	NA	—	NA	—
November 3, 2011		10:39	7.50		11.29		9.31
December 5, 2011		10:59	7.63		11.03		8.15
2012							
January 12, 2012	A	11:11	7.81		7.15		10.27
January 12, 2012	B	11:11	—	NA	—	NA	—
February 9, 2012		11:21	7.65		6.96		9.31
March 8, 2012	A	10:53	7.90		7.21		11.29
March 8, 2012	B	10:53	—	NA	—	NA	—
April 23, 2012		11:02	7.75		13.51		7.16
May 3, 2012	A	10:38	7.40		13.95		4.17

May 3, 2012	B	10:38	—	NA	—	NA	—
May 8, 2012		10:32	7.33		15.33		6.82
May 16, 2012		10:52	7.47		17.51		6.58
May 21, 2012		10:15	7.36		18.33		5.90
June 4, 2012	A	10:39	7.64		20.74		5.39
June 4, 2012	B	10:39	—	NA	—	NA	—
June 12, 2012		10:22	—	NAPEFAI/EQF	22.37		4.20
June 21, 2012	A	10:18	—	NAPEFAI/EQF	23.70		3.74
June 21, 2012	B	10:18	—	NA	—	NA	—
June 27, 2012		10:30	—	NAPEFAI/EQF	22.43		4.11
July 9, 2012		10:21	—	NAPEFAI/EQF	26.01		3.39
July 18, 2012	A	10:19	7.64		27.89		5.71
July 18, 2012	B	10:19	—	NA	—	NA	—
August 2, 2012		10:13	7.22		26.31		3.97
August 16, 2012	A	10:35	7.43		26.38		5.39
August 16, 2012	B	10:35	—	NA	—	NA	—
August 23, 2012		10:24	7.24		25.22		4.12
September 6, 2012	A	10:28	7.32		25.74		4.75
September 6, 2012	B	10:28	—	NA	—	NA	—
September 12, 2012		10:51	7.39		24.00		5.20
September 18, 2012		10:19	7.37		23.31		5.20
September 24, 2012	A	11:08	7.52		21.56		6.46
September 24, 2012	B	11:08	—	NA	—	NA	—
October 16, 2012		10:18	7.45		17.22		6.70
November 27, 2012	A	08:55	7.61		9.22		8.66
November 27, 2012	B	08:55	—	NA	—	NA	—
December 4, 2012		09:14	7.50		9.31		8.92
2013							
January 10, 2013	A	08:48	7.58	[redacted]	5.83		10.10
January 10, 2013	B	08:48	—	NA	—	NA	—
February 4, 2013		09:26	7.78	[redacted]	3.51		12.08
March 12, 2013	A	09:06	7.72	[redacted]	5.59		11.65
March 12, 2013	B	09:06	—	NA	—	NA	—
April 3, 2013	A	09:06	7.98		6.31		11.14
April 3, 2013	B	09:06	—	NA	—	NA	—
May 1, 2013		10:33	7.42	[redacted]	13.22		7.45
May 8, 2013	A	10:35	7.41	[redacted]	15.82		7.91
May 8, 2013	B	10:35	—	NA	—	NA	—
May 13, 2013		10:36	7.47	[redacted]	15.22		6.68
May 20, 2013	A	10:43	7.36	[redacted]	15.69		6.25
May 20, 2013	B	10:43	—	NA	—	NA	—
May 29, 2013		10:32	7.40	[redacted]	16.10		6.22
June 6, 2013	A	10:08	7.39	[redacted]	18.53		5.59
June 6, 2013	B	10:08	—	NA	—	NA	—
June 20, 2013		10:19	7.33	[redacted]	20.07		6.05
July 2, 2013	A	10:20	7.47	[redacted]	23.31		5.44
July 2, 2013	B	10:20	—	NA	—	NA	—
July 10, 2013		10:18	7.51	[redacted]	22.98		5.30
July 17, 2013		10:26	7.49	[redacted]	24.90		5.20
July 24, 2013	A	10:38	7.42	[redacted]	26.91		4.07

July 24, 2013	B	10:38	—	NA	—	NA	—
August 1, 2013		10:38	7.58	[redacted]	24.04		5.90
August 7, 2013		10:03	7.60	[redacted]	23.67		5.30
August 13, 2013	A	10:59	7.45	[redacted]	24.31		5.05
August 13, 2013	B	10:59	—	NA	—	NA	—
August 22, 2013		11:11	7.60	[redacted]	24.58		4.51
August 28, 2013		10:10	7.60	[redacted]	23.49		5.48
September 10, 2013	A	09:50	7.45	[redacted]	22.22		5.11
September 10, 2013	B	09:50	—	NA	—	NA	—
September 16, 2013		10:37	7.52	[redacted]	21.16		5.43
September 23, 2013		10:42	7.51	[redacted]	20.09		6.02
October 3, 2013	A	10:40	7.37	[redacted]	20.23		6.50
October 3, 2013	B	10:40	—	NA	—	NA	—
November 19, 2013		11:05	7.92	[redacted]	10.39		8.55
December 2, 2013	A	10:43	7.57	[redacted]	6.72		9.22
December 2, 2013	B	10:43	—	NA	—	NA	—
2014							
January 13, 2014		10:31	7.40		2.88		11.43
February 4, 2014	A	11:47	7.63		1.64		12.66
February 4, 2014	B	11:47	—	NA	—	NA	—
March 6, 2014		10:25	7.70		1.55		11.13
April 8, 2014	A	10:59	8.09		8.27		10.65
April 8, 2014	B	10:59	—	NA	—	NA	—
May 1, 2014		11:26	8.59		10.02		15.53
May 13, 2014		10:45	7.61		13.15		7.78
May 19, 2014		10:53	7.31		14.57		8.38
June 5, 2014		10:46	7.36		18.88		6.99
June 11, 2014	A	10:55	7.21		18.70		6.25
June 11, 2014	B	10:55	—	NA	—	NA	—
June 19, 2014		10:30	7.22		20.74		5.67
June 26, 2014		10:45	7.57		22.05		7.44
July 2, 2014	A	10:45	7.65		23.10		6.22
July 2, 2014	B	10:45	—	NA	—	NA	—
July 10, 2014		10;55	7.57		21.09		6.74
July 15, 2014	A	10:40	7.43		23.00		4.98
July 15, 2014	B	10:40	—	NA	—	NA	—
July 28, 2014		10:30	7.50		23.36		5.71
August 4, 2014		10:40	7.48		22.18		6.16
August 12, 2014	A	10:08	7.42		23.56		5.46
August 12, 2014	B	10:08	—	NA	—	NA	—
August 20, 2014		10:46	7.71		23.26		11.99
August 27, 2014	A	10:36	7.47		24.03		5.52
August 27, 2014	B	10:36	—	NA	—	NA	—
September 8, 2014		10:35	7.46		23.82		6.15
September 15, 2014	A	10:40	7.46		22.88		5.09
September 15, 2014	B	10:40	—	NA	—	NA	—
September 24, 2014		10:52	7.41		21.37		5.89
September 30, 2014		10:46	7.42		21.61		5.88
October 7, 2014		10:44	7.4		19.16		6.89
November 17, 2014	A	10:40	7.55		10.90		8.83

November 17, 2014	B	10:40	—	NA	—	NA	—
December 2, 2014		10:33	7.54		7.54		10.00

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	99.0	17.3	4	15
	56.7	15.8	3	17
[redacted]				
	97.3	20.8	2	23
	88.7	16.2	3	12
	91.0	16.9	3	14
	79.5	19.1	3	24
	66.4	18.2	3	24
	68.3	18.0	4	14
	—	—	3	14
	65.0	—	5	14
	94.9	—	5	12
	—	—	7	18
	—	—	4	20
	48.0	—	3	32
	35.0	—	7	26
	64.0	—	1	57
	56.6	16.76	5	15
	77.7	18.62	4	17
	53.6	18.97	3.5	81
	72.8	16.02	4	12
	63.8	18.18	3	24
	60.1	17.49	5	18
	77.4	13.49	4	23
	78.5	8.92	2	18
	67.1	20.17	4	26
	69.8	18.9	5	21
	79.2	18.8	5	15
	76.8	21.12	4	16
	89.0	11.14	2	18
[redacted]				
	97.5	18.00	4	15
	143.1	10.32	4	12
	96.7	18.93	3	23
	103.4	16.79	4	30
	96.4	20.79	3	14
	81.2	25.56	3	25
	72.0	19.82	5	11
	94.7	22.97	4	48
	69.1	24.52	4	27
	70.8	24.16	5	22
	62.3	25.33	4	19
	—	23.54	3.5	11
	—	—	—	25
	57.1	24.24	2.5	20
	58.5	25.79	4	40

—	—	—	8
—	—	—	18
58.1	27.68	4	20
72.1	25.44	4	51
86.6	10.65	2	19
99.3	17.44	—	10
114.2	18.17	2	14
[redacted]			
131.9	16.20	3	18
120.0	20.21	2	35
137.0	21.50	3	30
97.8	20.83	4	22
114.4	18.49	4	22
119.9	17.62	4	19
88.2	23.51	4	22
94.2	19.97	3	22
121.7	21.85	4	23
89.9	24.68	5	20
80.8	19.70	—	18
71.3	20.25	—	22
75.3	20.98	—	12
77.6	23.42	—	26
72.4	24.74	4	51
55.3	24.34	3	38
69.1	23.18	3	18
61.6	23.80	3	25
93.8	19.07	4	21
82.8	22.26	5	22
81.7	11.78	1	15
76.1	14.59	4	8
91.5	21.51	4	15
[redacted]			
91.6	17.48	3	16
86.7	20.24	3	24
106.5	21.82	4	18
120.4	17.24	3	26
88.2	16.11	4	18
79.6	25.37	7	28
67.5	23.97	10	30
73.4	22.12	4	20
—	—	—	26
84.9	20.69	4	22
[redacted]			
96.6	22.58	—	49
—	—	—	24
97.6	10.34	3	22
—	—	—	21
105.6	16.28	6	33
—	—	—	34

	78.1		17.99	5	20	
	—		—	—	37	
	72.0		22.70	4	16	
	—		—	—	25	
	80.9		24.13	6	14	
	—		—	—	18	
	80.5		23.93	10	10	
	—		—	—	12	
	85.6		24.47	8	18	
	—		—	—	15	
	59.8		22.45	7	18	
	—		—	—	16	
	62.8		23.68	4	12	
	—		—	—	14	
	73.6		22.66	6	24	
	—		—	—	23	
	70.3		23.26	5	58	
	—		—	—	18	
	70.4		24.10	7	18	
	—		—	—	15	
	79.3		18.54	5	17	
	—		—	—	15	
	67.7		21.99	3	15	
	—		—	—	18	
	74.2		23.05	4	13	
	—		—	—	16	
	61.2		26.95	5	20	
	—		—	—	17	
	70.6		20.65	4	18	
	73.6		21.12	4	20	
	—		—	—	22	
[redacted]						
	76.4		20.55	3	20	J-QC/FLD/RPO
	—		—	—	22	J-QC/FLD/RPO
	80.8		22.00	4	25	
	—		—	—	22	
	129.6		22.27	5	23	
	—		—	—	25	
	114.1		18.92	6	12	
	—		—	—	15	
NAPEFAI/EQF	—	NAPEFAI/EQF	16.56	2	15	
	—		—	—	14	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.36	3	29	J-QC/FFB
	—		—	—	25	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	19.45	8	30	
	—		—	—	40	
	69.1		14.94	4	15	
	—		—	—	18	
	61.0		15.18	2	27	J-QC/FLD/RPO
	—		—	—	24	J-QC/FLD/RPO

	72.6		20.03		6		20	
	85.6		22.85		7		16	J-QC/FFD/RPO
	—		—		—		30	J-QC/FFD/RPO
	71.7		23.89		3		31	J-QC/FFD/RPO
	—		—		—		47	J-QC/FFD/RPO
	62.9		20.22		6		14	
	—		—		—		12	
	61.9		17.78		5		16	
	—		—		—		16	
	68.4		20.55		6		12	
	—		—		—		12	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.44		4		10	
	—		—		—		12	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.96		6		20	
	—		—		—		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.61		7		12	J-QC/FFB/FFDRPO
	—		—		—		48	J-QC/FFB/FFDRPO
NAPEFAI/EQF	—	NAPEFAI/EQF	22.87		4		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	24.12		5		19	
	—		—		—		14	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.22		>10	L	16	
	—		—		—		12	
	118.3		22.47		—	NAP	24	J-QC/FFD/RPO
	—		—		—		16	J-QC/FFD/RPO
	83.4		24.04		10		36	
	—		—		—		32	
	86.3		23.10		8		13	J-QC/FFD/RPO
	107.2		11.13		3		26	J-QC/FFD/RPO
	99.6		18.87		5		28	
	99.3		17.87		4		37	J-QC/FLD/RPO
	83.6		20.15		2		48	
NA	—	NA	—	NA	—	NA	42	
	76.3		20.01		4		41	
	80.2		20.09		3		12	
	73.6		20.83		3		28	
NA	—	NA	—	NA	—	NA	23	
	66.5		21.83		4		44	
	81.1		16.65		3		34	
NA	—	NA	—	NA	—	NA	40	
	103.9		22.45		—	NAP	51	
	67.5		23.31		3		47	
NA	—	NA	—	NA	—	NA	57	
	65.7		23.01		2		44	
	76.5		22.72		3		49	
	73.1		22.97		3		41	
	58.3		25.14		3		54	
	57.0		23.60		4		22	J-QC/FFB
	64.9		23.67		6		52	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	50	J-QC/FLD/RPO

	93.4		22.83		5		45	
	84.1		24.00		5		45	
	78.1		23.38		4		44	J-QC/FFD/RPO
	78.2		22.84		5		15	
	79.1		18.53		5		42	
	91.9		18.56		5		41	J-QC/FFB
	93.9		17.82		4		16	
NA	—	NA	—	NA	—	NA	18	
[redacted]								
	101.1		23.02		5		20	
	116.0		20.97		3		18	J-QC/FLD/RPO
	102.9		7.75		3		30	
	112.4		20.35		4		10	
	90.2		14.57		3		37	
	94.2		18.73		4		40	
NA	—	NA	—	NA	—	NA	48	
	80.5		19.21		2		59	
NA	—	NA	—	NA	—	NA	54	
	81.8		12.65		3		40	J-QC/FLD/RPO
	81.9		17.07		6		34	
NA	—	NA	—	NA	—	NA	41	
	88.6		20.64		5		22	
	76.0		19.66		6		14	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	21	J-QC/FFD/RPO
	76.6		18.79		6		12	
NA	—	NA	—	NA	—	NA	10	
	75.6		19.26		3		18	
NA	—	NA	—	NA	—	NA	15	
	81.9		19.65		3		20	
	72.5		22.86		3		16	
	68.6		22.52		5		64	
	72.9		22.55		6		50	J-QC/FFB
	66.8		15.76		4		14	
NA	—	NA	—	NA	—	NA	16	
	69.2		6.16		4		14	
	76.4		14.83		5		36	
NA	—	NA	—	NA	—	NA	32	
	58.1		17.42		3		61	
	72.0		17.91		3		50	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	24	J-QC/FFD/RPO
	91.9		12.62		5		36	
	82.3		16.68		3		14	J-QC/FFB
[redacted]								
	96.5		22.06		3		62	
NA	—	NA	—	NA	—	NA	55	
	88.9		22.50		4		50	J-QC/FLD/RPO
	108.9		23.52		3		46	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	64	J-QC/FFD/RPO
	70.8		6.80		1		37	J-QC/FFD/RPO
	45.3		18.67		3		52	

NA	—	NA	—	NA	—	NA	63	
	77.2		20.49		2		54	
	75.2		14.96		3		47	
	70.8		19.88		1		49	
	67.8		21.46		4		20	
NA	—	NA	—	NA	—	NA	20	
	53.8		18.22		3		50	
	49.3		20.56		5		14	J-QC/FFB/FFDFLDRPO
NA	—	NA	—	NA	—	NA	42	J-QC/FFB/FFDFLDRPO
	53.6		21.56		7		11	J-QC/FLD/RPO
	47.6		22.91		8		28	J-QC/FFD/RPO
	82.1		23.25		7		52	
NA	—	NA	—	NA	—	NA	64	
	56.1		23.60		4		63	
	75.5		21.51		4		62	
NA	—	NA	—	NA	—	NA	58	
	57.2		24.01		5		22	
	66.6		23.61		7		52	J-QC/FFB
NA	—	NA	—	NA	—	NA	61	J-QC/FFB
	70.8		23.57		4		26	
	70.8		25.16		3		28	
	84.3		23.83		4		52	
NA	—	NA	—	NA	—	NA	54	
	81.2		25.10		—	NAP	60	
	89.7		27.26		5		48	
NA	—	NA	—	NA	—	NA	39	
	90.5		23.81		7		27	
[redacted]								
[redacted]	95.2	[redacted]	24.71		4		55	[redacted]
NA	—	NA	—	NA	—	NA	48	[redacted]
[redacted]	107.0	[redacted]	24.01		3		52	J-QC/FLD/RPO
[redacted]	107.1	[redacted]	21.96		4		24	[redacted]
NA	—	NA	—	NA	—	NA	22	[redacted]
[redacted]	100.9	[redacted]	17.12		4		44	[redacted]
NA	—	NA	—	NA	—	NA	52	[redacted]
[redacted]	80.8	[redacted]	20.80		4		20	J-QC/FFB
[redacted]	91.6	[redacted]	22.19		3		47	[redacted]
NA	—	NA	—	NA	—	NA	46	[redacted]
[redacted]	76.7	[redacted]	22.81		5		46	[redacted]
[redacted]	72.2	[redacted]	22.35		4		40	J-QC
NA	—	NA	—	NA	—	NA	—	NRP
[redacted]	70.8	[redacted]	18.89		4		20	J-QC/FFB/FFDFLDRPO
[redacted]	68.2	[redacted]	21.47		7		43	[redacted]
NA	—	NA	—	NA	—	NA	57	[redacted]
[redacted]	71.9	[redacted]	13.25		4		12	J-QC/FLD/RPO
[redacted]	67.4	[redacted]	10.77		5		48	[redacted]
NA	—	NA	—	NA	—	NA	53	[redacted]
[redacted]	67.8	[redacted]	22.08		2		54	[redacted]
[redacted]	71.1	[redacted]	22.28		6		40	[redacted]
[redacted]	57.2	[redacted]	21.20		5		48	[redacted]

NA	—	NA	—	NA	—	NA	45	[redacted]
[redacted]	78.5	[redacted]	19.37		1		44	
	71.7		24.04		5		56	J-QC/FFB
	68.5		22.90		2		40	[redacted]
NA	—	NA	—	NA	—	NA	36	
[redacted]	62.4	[redacted]	25.53		4		60	
	73.2		23.15		6		52	
	67.3		24.04		5		52	
NA	—	NA	—	NA	—	NA	50	
[redacted]	70.9	[redacted]	25.38		3		50	J-QC
	77.4		26.14		3		70	[redacted]
	83.5		25.63		6		20	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	17	J-QC/FLD/RPO
[redacted]	90.8	[redacted]	27.37		3		50	[redacted]
	89.6		26.14		3		53	
NA	—	NA	—	NA	—	NA	62	
[redacted]								
	94.7		16.45		3		40	J-QC/FFD/FLDRPO
	106.5		23.36		3		60	J-QC
NA	—	NA	—	NA	—	NA	57	J-QC
	93.4		23.23		5		39	J-QC
	95.4		8.20		2		30	
NA	—	NA	—	NA	—	NA	24	
	140.6		3.65		3		42	
	83.7		19.36		4		39	
	92.5		18.94		3		48	
	84.8		22.40		1		32	
	74.9		18.91		2		30	
NA	—	NA	—	NA	—	NA	30	
	71.3		19.88		2		30	
	94.5		22.01		4		35	
	82.5		22.59		5		40	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	36	J-QC/FLD/RPO
	87.6		25.19		4		38	
	68.6		22.95		2		37	
NA	—	NA	—	NA	—	NA	35	
	75.8		21.95		2		38	
	81.1		23.94		7		34	
	74.5		24.71		3		52	J-QC
NA	—	NA	—	NA	—	NA	47	J-QC
	161.3		24.16		3		42	
	76.1		26.26		8		40	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	36	J-QC/FLD/RPO
	83.1		23.09		3		39	
	68.1		24.35		3		42	
NA	—	NA	—	NA	—	NA	44	
	77.0		25.16		6		39	
	77.5		25.66		3		33	
	87.4		27.26		4		47	
	94.8		27.07		1		36	

NA	—	NA	—	NA	—	NA	36
	95.8		21.23		3		34

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
1.16	5	0.43	0.056
0.84	3	0.95	0.032
1.20	<2	0.91	0.046
0.51	2	<0.19	0.045
0.87	2	0.51	0.064
0.45	2	0.54	0.074
1.80	4	0.48	0.086
1.07	3	<0.19	0.079
2.22	2	0.20	0.083
0.70	<2	0.38	0.089
2.04	3	<0.19	0.061
3.10	<2	0.22	0.070
3.51	<2	0.92	0.083
3.09	4	0.24	0.071
2.70	<2	<0.19	0.097
1.77	4	0.20	0.093
1.57	19	0.23	0.118
2.24	4	<0.19	0.104
1.55	<2	<0.19	0.116
2.38	<2	<0.19	0.072
1.52	<2	<0.19	0.122
1.59	<2	<0.19	0.119
1.29	<2	<0.19	0.104
1.04	3	<0.19	0.060
0.62	<2	<0.19	0.085
1.14	<2	<0.19	0.088
1.48	2	0.50	0.108
0.77	6	<0.19	0.099
1.09	<2	0.20	0.064
—	6	<0.19	0.042
<1.00	7	<0.19	0.032
1.29	5	<0.19	0.045
1.93	—	0.17	0.069
1.06	<2	<0.19	0.066
1.50	6	0.40	0.077
2.01	<2	0.62	0.130
1.57	<2	<0.27	0.084
1.74	<2	<0.27	0.094
1.28	<2	<0.27	0.099
1.01	<2	<0.27	0.126
1.99	<2	<0.27	0.104
1.75	11	<0.27	0.086
1.45	9	<0.27	0.045
1.54	<2	<0.27	0.136

1.72	<2	<0.27	0.185
1.09	4	<0.27	0.111
1.56	5	<0.27	0.148
1.92	<2	<0.27	0.190
1.56	4	<0.27	0.103
1.11	3	<0.27	0.070
1.13	<2	<0.27	0.040
1.76	5	<0.27	0.06
1.50	3	<0.27	0.035
0.72	4	<0.27	0.040
2.16	6	<0.295	0.057
2.19	<2	<0.295	0.066
2.98	<2	<0.295	0.093
1.51	—	<0.295	0.074
2.07	3	<0.295	0.054
1.29	<2	<0.295	0.055
1.24	<2	<0.295	0.080
0.56	—	<0.295	0.053
1.28	—	<0.295	0.068
1.05	<2	<0.295	0.065
1.90	—	<0.295	0.069
1.66	<2	<0.295	0.052
2.12	—	<0.295	0.135
1.17	—	<0.295	0.138
0.92	—	<0.295	0.161
1.30	—	<0.295	0.106
1.24	<2	<0.295	0.097
<1.00	4	<0.295	0.092
1.18	<2	<0.295	0.044
1.27	<2	<0.295	0.047
1.04	—	<0.295	0.047
0.98	<2	<0.295	0.040
1.18	3	0.500	0.039
1.73	—	0.504	0.034
1.37	—	0.703	0.032
<0.30	<2	0.630	0.143
0.37	<2	0.163	0.157
<0.30	<2	0.617	0.175
0.55	<2	0.604	0.177
<0.30	<2	0.746	0.096
0.79	<2	0.478	0.041
0.99	<2	0.361	0.021
2.08	<2	0.089	0.044
1.99	<2	0.081	0.037
0.75	<2	0.778	0.048
<0.30	<2	0.761	0.048

<0.30		<2		0.629		0.062
<0.30		<2		0.612		0.063
0.36		<2		0.493		0.084
<0.30		<2		0.476		0.085
<0.30		<2		0.808		0.193
<0.30		<2		0.808		0.197
0.33		<2		0.361		0.087
<0.30		<2		0.366		0.089
<0.30		<2		0.352		0.077
<0.30		<2		0.366		0.078
0.55		<2		0.609		0.089
0.50		<2		0.623		—
0.90		<2		0.578		0.091
1.51		<2		0.591		0.088
0.30		<2		0.460		0.057
0.47		<2		0.447		0.058
0.63		<2		0.519		0.090
0.34		<2		0.505		0.088
<0.30		<2		0.510		0.090
<0.30		<2		0.505		0.093
0.49		<2		<0.017		0.059
0.68		<2		<0.017		0.062
0.34		<2		0.661		0.113
0.85		<2		0.656		0.115
2.25		<2		1.01		0.218
2.41		<2		0.991		0.218
1.10		<2		0.603		0.106
0.53		<2		0.613		0.109
<0.30		<2		0.608		0.091
<0.30		<2		0.324		0.095
<0.30		<2		0.333		0.091
[redacted]						
1.57	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.881	J-QC/FSL	0.051
0.48	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.861	J-QC/FSL	0.052
0.41	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.815	J-QC/FSL/FMS	0.040
0.40	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.825	J-QC/FSL/FMS	0.042
1.56	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.998		0.049
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	<2	K	1.00		0.047
0.71	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	<0.018	K	0.057
1.76	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	<0.018	K	0.057
2.51	BJ-QC/FBK/FFBFLS	<2	K	1.14		0.087
2.73	BJ-QC/FBK/FFBFLS	<2	K	1.14		0.088
1.91	BJ-QC/FBK/FFBFLS	<2	K	1.66	J-QC/FMS	0.109
1.84	BJ-QC/FBK/FFBFLS	<2	K	1.68	J-QC/FMS	0.136
2.54	J-QC/FLS	<2	K	0.866	J-QC/FMS	0.137
2.64	J-QC/FLS	<2	K	0.846	J-QC/FMS	0.139
0.90	J-QC/FFD/RPOFLS	<2	KJ-QC/FLS	0.715		0.078
<0.30	KJ-QC/FFD/RPOFLS	<2	KJ-QC/FLS	0.699		0.079
2.08	BJ-QC/FBK/FFB	<2	K	0.177		0.090
1.91	BJ-QC/FBK/FFB	<2	K	0.193		0.091

0.75	BJ-QC/FBK/FFBFFDRPO	<2	K	0.331		0.065
0.85	BJ-QC/FBK/FFDFLDRPOFLS	<2	KJ-QC/FLS	0.290		0.062
0.35	BJ-QC/FBK/FFDFLDRPOFLS	<2	KJ-QC/FLS	0.310		0.063
<0.30	KJ-QC/FFB/FFDRPO	4		0.351		0.067
0.33	J-QC/FFB/FFDRPO	4		0.346		0.066
0.47	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.448		0.064
1.02	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.437		0.066
0.82	J-QC/FLD/RPOFLS	<2	KJ-QC/FLS	0.315		0.065
1.00	J-QC/FLD/RPOFLS	<2	KJ-QC/FLS	0.310		0.068
1.40	BJ-QC/FBK/FFDFLDRPOFLS	<2	K	0.376		0.063
0.39	BJ-QC/FBK/FFDFLDRPOFLS	<2	K	0.361		0.064
0.90	BJ-QC/FBK/FFBFFDRPOFLS	—	NAP	0.254	J-QC/FMS	0.069
0.54	BJ-QC/FBK/FFBFFDRPOFLS	—	NAP	0.270	J-QC/FMS	0.070
0.65	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.514		0.082
1.49	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.504		0.082
0.89	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.463		0.067
1.33	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.448		0.069
1.39	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.504		0.124
1.23	BJ-QCJ-HT/FBK/FFDRPOFLSEHT	<2	K	0.514		0.094
0.49	BJ-QCJ-HT/FBK/FFDRPOFLSEHT	<2	K	0.493		0.096
<1.00	KJ-QC/FFD/RPOFLS	<2	KJ-QC/FFB	0.702		0.104
1.47	J-QC/FFD/RPOFLS	<2	KJ-QC/FFB	0.687		0.108
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	0.331	J-QC/FMS	0.074
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	0.320	J-QC/FMS	0.079
—	NAPQNS	<2	KJ-QC/FLS	0.437		0.087
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.453		0.085
0.56	BJ-QC/FBK/FFBFLS	<2	K	0.437		0.075
[redacted]						
1.45	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.280		0.0314
1.13	BJ-QC/FBK/FFBFFDRPO	3	J-QC/FFB	0.412		0.0340
0.58	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.528		0.0468
0.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.357		0.0667
0.64	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.352		0.0672
0.53	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.558		0.0854
0.70	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.739	J-QC/FFD/RPO	0.0800
0.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.473		0.0679
0.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.478		0.0654
0.72	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	1.29		0.0915
1.26	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.141		0.0644
1.44	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.151		0.0716
0.67	BJ-QC/FBK/FFBFLS	<2	K	0.604		0.0826
0.62	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.523	J-QC/FMS	0.0711
0.73	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.503	J-QC/FMS	0.0712
0.54	BJ-QC/FBK/FFBFLS	<2	K	0.578		0.0596
0.54	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.770		0.0833
0.59	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.456		0.0617
0.52	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.629		0.0952
0.59	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.713		0.0990
0.58	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.482		0.1314
0.55	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.472		0.1309

0.47	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.550		0.0888
0.46	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.194		0.0676
0.71	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.550		0.1005
0.67	BJ-QC/FBK/FFBFLS	<2	K	0.681		0.1188
0.55	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.325		0.0860
0.77	BJ-QC/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.443		0.0446
1.96	BJ-QC/FBK/FFB	<2	K	0.568		0.0511
1.97	BJ-QC/FBK/FFB	<2	K	0.553		0.0525
[redacted]						
0.79	BJ-QC/FBK/FFBFLS	<2	K	0.498		0.0599
1.05	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.211		0.0649
1.79	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.304		0.0204
0.72	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.345	J-QC/FMS	0.0182
1.89	BJ-QC/FBK/FFBFLS	<2	K	0.691		0.0335
0.58	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.343		0.0279
0.79	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.332		0.0275
0.49	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB/FFDRPOFLS	0.610		0.0683
1.34	BJ-QC/FBK/FFBFFDRPOFLS	2	J-QC/FFB/FFDRPOFLS	0.631		0.0668
1.65	BJ-QC/FBK/FFBFLS	<2	K	0.397		0.0584
1.05	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.501		0.0403
0.59	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.484		0.0396
0.38	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.512		0.0402
0.41	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.566		0.0575
0.50	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.561	[redacted]	0.0580
0.53	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.490	J-QC/FMS	0.0497
0.88	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.512	J-QC/FMS	0.0499
1.64	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.170	J-QC/FFD/RPO	0.0568
1.01	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.245	J-QC/FFD/RPO	0.0551
0.66	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	<0.0293	K	0.0742
0.52	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.659		0.0462
0.36	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.648		0.0760
0.62	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.408	J-QC/FFB	0.0681
1.33	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.191	J-QC/FFD/RPO	0.0439
1.07	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.278	J-QC/FFD/RPO	0.0450
1.89	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.463		0.0695
1.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.386		0.0604
1.21	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.401		0.0597
1.37	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.586		0.0718
0.93	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.494		0.0474
1.29	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.514		0.0484
2.13	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.159	J-QC/FFB	0.0477
1.84	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.381		0.0594
[redacted]						
0.80	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.236		0.0515
0.76	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.246		0.0519
0.66	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPOFLS	1.468	J-QC/FMS	0.0503
0.75	BJ-QC/FBK/FFB	<2	K	0.760	J-QC/FSL/FMS	0.0334
0.79	BJ-QC/FBK/FFB	<2	K	0.748	J-QC/FSL/FMS	0.0394
0.55	BJ-QC/FBK/FFB	<2	K	0.633		0.0573
1.00	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	0.706		0.0732

1.03	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.685		0.0733
0.57	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.669	J-QC/FMS	0.0811
1.95	BJ-QC/FBK/FFB	<2	K	0.455		0.0596
0.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.528		0.0696
0.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.439	J-QC/FMS	0.0583
0.64	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.460	J-QC/FMS	0.0576
0.45	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.340		0.0603
0.44	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.649	J-QC/FMS	0.0669
0.45	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	0.612	J-QC/FMS	0.0655
0.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.424	J-QC/FMS	0.0450
0.67	BJ-QC/FBK/FFBFLS	4	J-QC/FFB/FFDRPO	0.539	J-QC/FMS	0.0563
0.55	BJ-QC/FBK/FFBFLS	<2	K	0.301	J-QC/FMS	0.0491
0.53	BJ-QC/FBK/FFBFLS	<2	K	0.290	J-QC/FMS	0.0475
0.73	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.813	J-QC/FMS	0.0874
0.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.528		0.0640
0.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.502		0.0635
0.93	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.649		0.0776
0.42	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.544		0.1668
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.539		0.1665
0.44	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.491	J-QC/FMS	0.1441
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.480		0.2142
0.47	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.523		0.1216
0.46	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.496		0.1201
0.47	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.674		0.1253
—	NA	—	NRP	0.479	J-QC/FMS	0.0634
—	NA	—	NRP	0.501	J-QC/FMS	0.0630
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.936	J-QC/FLD/RPOFMS	0.0821
[redacted]						
—	NA	<2	KJ-QC/FMS	0.343	J/LLS	0.0521
—	NA	<2	KJ-QC/FMS	0.369	J/LLS	0.0488
—	NA	<2	KJ-QC/FMS	0.325	J-QC/LLS	0.0316
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.696	J-QC/FSL/FMS	0.0572
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.673	J-QC/FSL/FMS	0.0565
—	NA	<2	KJ-QC/FMS	0.394	J/LLS	0.0288
—	NA	<2	KJ-QC/FMS	0.376	J/LLS	0.0278
—	NA	<2	KJ-QC/FMS	0.970		0.0611
—	NA	<2	KJ-QC/FMS	0.715	J-QC/FMS	0.0903
—	NA	<2	KJ-QC/FMS	0.732	J-QC/FMS	0.0886
0.71	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.568	J-QC/FMS	0.0656
1.72	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.647	J-QC	0.0627
—	NRP	—	NRP	—	NRP	—
0.80	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.125	J-QC/LLS/FSLFMS	0.0854
1.14	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.533	J-QC/FSL/FMS	0.0652
1.39	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.539	J-QC/FSL/FMS	0.0577
1.81	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.488		0.0415
1.60	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.464	J-QC/FMS	0.0395
1.73	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.434	J-QC/FMS	0.0393
0.36	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.488	J-QC/FMS	0.0418
1.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.301	J/LLS	0.0396
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	0.464		0.0722

0.31	BJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	0.470		0.0718
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.422	J-QC/FMS	0.0523
0.45	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.530		0.0635
1.34	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.651	J-QC/FMS	0.0720
0.38	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.681	J-QC/FMS	0.0728
0.84	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.645		0.0872
0.56	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.693		0.0536
<0.30	KBJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-HT/EHT	0.735		0.0777
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.693		0.0798
0.31	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.669		0.0637
0.49	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	0.687		0.0906
0.43	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.482		0.0901
0.31	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.609		0.0904
0.74	BJ-QC/FBK/FFBFLS	<2	K	0.778		0.0854
0.78	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.277	J-QC/LLS/FFDRPO	0.0670
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.185	J-QC/LLS/FFDRPO	0.0663
[redacted]						
1.45	BJ-QC/FBK/FFBFMS	<2	K	0.435	J-QC/FFB	0.0414
1.64	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.517		0.0473
1.70	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.618		0.0496
0.62	BJ-QC/FBK/FFBFMS	<2	K	0.202	J/LLS	0.0564
1.83	BJ-QC/FBK/FFB	<2	K	0.398	J-QC/LLS/FFB	0.0454
1.87	BJ-QC/FBK/FFB	3		0.369	J-QC/LLS/FFB	0.0303
1.97	BJ-QC/FBK/FFB	<2	KJ-QC	0.341	J-QC/LLS/FFB	0.0274
0.27	BJ-RJ-QC/LLS/FBKFFBFMS	<2	K	0.239	J/LLS	0.0281
0.51	BJ-QC/FBK/FFB	<2	K	0.278	J/LLS	0.0451
0.80	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.636		0.0578
0.88	BJ-QC/FBK/FFBFMS	<2	K	0.193	J-QC/LLS/FFB	0.0612
0.86	BJ-QC/FBK/FFBFMS	<2	K	0.227	J-QC/LLS/FFB	0.0601
0.72	BJ-QC/FBK/FFBFMS	<2	K	0.674		0.0573
0.83	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	—	NRP/LBF	0.0621
0.55	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.530	J-QC/FFB	0.0473
0.58	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.457	J-QC/FFB	0.0481
0.70	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.307	J/LLS	0.0454
0.66	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.340	J-QC/LLS/FSL	0.0535
0.60	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.273	J-QC/LLS/FSL	0.0537
0.45	BJ-QC/FBK/FFBFMS	<2	K	0.619	J-QC/FFD/RPO	0.0525
1.33	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	0.446	J-QC/FFD/RPO	0.0509
0.54	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.485	I-QC/FLD/RPOFSLFMS	0.0723
0.60	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.424	I-QC/FLD/RPOFSLFMS	0.0724
0.58	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.223	J/LLS	0.0645
0.63	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.680	J-QC/FFD/RPO	0.0907
0.59	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.201	J-QC/LLS/FFDRPO	0.0923
0.47	BJ-QC/FBK/FFBFMS	<2	K	0.518		0.0800
0.67	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.741		0.0905
0.67	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.702		0.0927
0.74	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.396	J/LLS	0.0975
0.65	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.594	J-QC/FSL	0.1009
0.64	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.447	J-QC/FMS	0.1036
0.48	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.543		0.0743

0.54	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.504	0.0792
0.60	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.549	0.0722

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	0.75	0.209	0.19	0.39
	0.65	0.219	0.11	0.47
[redacted]				
	0.76	0.188	0.18	20.3
	0.63	0.133	0.13	9.6
	0.66	0.178	0.17	6.5
	0.61	0.184	0.20	2.3
	0.61	0.217	0.20	2.3
	0.67	0.181	0.16	5.5
	0.69	0.198	0.21	5.9
	1.02	0.196	0.18	3.4
	0.61	0.154	0.17	6.3
	0.73	0.181	0.19	5.2
	0.55	0.303	0.27	4.7
	0.46	0.261	0.26	3.8
	0.55	0.246	0.25	3.57
	0.68	0.294	0.36	10.51
	0.66	0.265	0.22	2.45
	0.72	0.209	0.20	5.87
	0.85	0.233	0.27	2.24
	1.02	0.216	0.20	4.42
	0.63	0.292	0.29	4.19
	0.76	0.295	0.35	3.68
	0.75	0.206	0.29	4.91
	0.77	0.258	0.33	1.62
	0.62	0.243	0.27	2.24
	0.73	0.239	0.19	1.22
	0.70	0.198	0.24	1.43
	0.93	0.211	0.16	0.72
	0.77	0.233	0.20	1.18
[redacted]				
	0.65	0.151	0.15	2.36
	0.56	0.128	0.22	5.13
	0.61	0.129	0.14	0.96
	0.88	0.201	0.18	2.09
	0.45	0.151	0.13	4.42
	0.90	0.245	0.17	—
	1.31	0.227	0.22	—
	0.72	0.188	0.18	—
	0.84	0.256	0.27	—
	0.55	0.252	0.24	—
	0.71	0.290	0.29	—
	0.65	0.296	0.28	—
	0.50	0.330	0.31	—
	0.59	0.329	0.32	—
	0.77	0.333	0.32	—

0.64	0.275	0.34	—
0.68	0.199	0.25	—
0.77	0.289	0.29	—
1.12	0.310	0.32	—
0.93	0.253	0.26	—
0.72	0.174	0.19	—
0.65	0.150	0.14	—
0.88	0.19	0.17	—
0.53	0.167	0.26	—
0.50	0.180	0.10	—
0.81	0.137	0.16	—
0.74	0.205	0.18	—
0.71	0.187	0.21	—
0.53	0.161	—	—
0.52	0.132	0.20	—
0.38	0.143	0.15	—
0.73	0.174	0.21	—
0.50	0.156	—	—
0.54	0.224	—	—
0.56	0.166	0.17	—
0.44	0.195	—	—
0.48	0.216	0.20	—
0.51	0.208	0.29	—
0.82	0.273	0.23	—
0.71	0.240	0.25	—
0.64	0.203	0.21	—
0.76	0.192	0.17	—
0.64	0.185	0.22	—
0.77	0.124	0.15	—
1.09	0.140	0.15	—
1.26	0.074	0.09	1.7
0.676	0.100	0.14	0.9
0.676	0.145	0.11	17.8
0.623	0.129	0.08	135.0
0.284	0.138	0.14	32.3
1.18	0.312	0.24	7.7
1.31	0.32	0.23	4.8
1.03	0.26	0.25	<3.0
1.06	0.25	0.22	<3.0
0.842	0.23	0.20	4.7
0.691	0.19	0.16	<1.1
—	0.38	0.09	<1.1
0.446	0.13	0.12	<1.1
0.650	0.13	0.13	<1.1
1.42	0.15	0.15	5.5
1.58	0.17	0.15	5.1

	0.582		0.16		0.15	4.4
	0.731		0.17		0.15	4.4
	0.663		0.17		0.18	<2.4
	0.706		0.18		0.17	<2.4
	1.63		0.36		0.31	<2.4
	1.29		0.32		0.25	<2.4
	0.690		0.21		0.21	4.5
	0.619		0.19		0.20	4.4
	1.32		0.21		0.21	18.6
	1.35		0.21		0.20	23.2
	1.59		0.27		0.24	8.2
	—		0.26		0.24	7.9
	1.03		0.23		0.22	7.7
	1.19		0.24		0.23	4.9
	0.544		0.21		0.18	4.0
	0.594		0.19		0.19	4.1
	0.924		0.33		0.33	9.9
	0.943		0.23		0.21	9.8
	0.591		0.21		0.21	7.9
	0.664		0.18		0.20	7.6
	0.409		0.19		0.20	2.6
	0.428		0.21		0.18	2.7
	0.705		0.26		0.22	5.1
	0.699		0.24		0.22	5.0
	1.42		0.27		0.23	4.9
	1.49		0.19		0.18	4.8
	1.44		0.17		0.17	<2.4
	1.49		0.18		0.17	<2.4
	0.841		0.20		0.17	<2.4
	0.970		0.17		0.14	<2.4
	0.990		0.15		0.13	<2.4
[redacted]						
	1.71	J-QC/FFD/RPO	0.12	J-QC/FFB	0.13	3.8
	1.10	J-QC/FFD/RPO	0.13	J-QC/FFB	0.13	3.9
J-QC/FFB	0.564		0.13		0.15	4.9
J-QC/FFB	0.630		0.10		0.12	5.0
J-QC/FFB	1.57	J-QC/FLS	0.14		0.12	9.0
J-QC/FFB	1.20	J-QC/FLS	0.12		0.12	9.0
	0.784		0.15		0.14	10.1
	0.797		0.14		0.13	5.2
	0.664	J-QC/FFD/RPO	0.27		0.23	10.4
	0.999	J-QC/FFD/RPO	0.26		0.21	40.6
J-QC/FFB	1.05		0.34		0.33	<0.4
J-QC/FFB	1.39		0.33		0.31	<0.4
	0.836		0.27		0.25	5.7
	0.790		0.30		0.25	5.5
	0.633		0.20	J-QC/FFD/RPO	0.18	1.0
	0.629		0.14	J-QC/FFD/RPO	0.15	1.6
	1.18		0.18		0.16	1.1
	1.08		0.17		0.15	1.1

	0.460		0.14		0.15		2.0
	2.01	J-QC/FFB	0.16		0.15		4.5
	2.06	J-QC/FFB	0.14		0.13		4.3
	0.477	J-QC/FFB	0.29		0.18		4.6
	0.509	J-QC/FFB	0.28		0.17		4.6
	0.494	J-QC/FFB	0.20		0.18		1.9
	0.483	J-QC/FFB	0.18		0.18		2.0
	0.455		0.20		0.19		1.9
	0.454		0.19		0.18		1.6
	1.08		0.27	J-QC/FFB	0.20		1.8
	1.10		0.31	J-QC/FFB	0.23		2.1
	0.643		0.19		0.17		4.6
	0.500		0.19		0.16		3.6
	0.760		0.21	J-QC/FFD/RPO	0.19		3.4
	0.779		<0.05	KJ-QC/FFD/RPO	0.21		3.4
J-QC/FFB	0.513		0.22		0.22		1.8
J-QC/FFB	0.527		0.21		0.21		1.8
	0.742	J-QC/FFB	0.26		0.24		1.8
	0.503	J-QC/FFB	0.32	J-QC/FFB	0.22		1.6
	0.510	J-QC/FFB	0.28	J-QC/FFB	0.19		1.5
	1.19	J-QC/FFB	0.25		0.23		2.9
	1.13	J-QC/FFB	0.28		0.22		3.1
J-QC/FFB	0.710		0.18		0.16		4.0
J-QC/FFB	0.725		0.15		0.17		3.9
	0.710		0.18		0.17		3.1
	0.725		0.19		0.18		3.0
	0.720		0.16		0.14		1.0
[redacted]							
	0.451		0.11		0.09		8.7
	0.332		0.11		0.09		5.6
	0.459		0.12	J-QC/FLD/RPO	0.10		2.9
	0.440		0.15		0.13		2.7
	0.532		0.14		0.13		2.1
	0.907		0.25		0.12	J-QC/FLS	<1.3
J-QC/FFB	0.529		0.34	J-QC/FFB/FFDRPO	0.31	J-QC/FFD/RPO	2.6
	0.312		0.19		0.17		5.4
	0.254		0.19		0.17		4.2
	0.412		0.44		0.41		2.7
	0.499		0.22		0.18		10.1
	0.550		0.23		0.15		11.2
	0.495		0.21		0.18		8.0
	0.378		0.26		0.21		3.7
	0.386		0.25		0.21		3.2
	0.446		0.26		0.23		10.8
	0.647		0.30		0.26	J-QC/FLD/RPOFLS	6.9
	0.447		0.23	J-QC/FLD/RPOFLS	0.22		5.2
	0.490		0.27		0.24		2.7
	0.400		0.30		0.26		4.4
	0.713		0.33		0.29		1.8
	0.755		0.30		0.27		1.7

	0.713		0.22		0.18		5.5
	0.584		0.20		0.17		5.6
	0.486		0.25		0.22		2.4
	0.494		0.29	J-QC/FLS	0.24		2.1
	0.753		0.26		0.22		5.0
	0.539		0.16		0.15		2.1
	0.825		0.15		0.14		<1.3
	0.828		0.14		0.14		1.3
[redacted]							
	0.5790		0.16		0.14		2.2
J-QC/FFB	0.7500		0.09		0.07		16.9
	0.4562	J-QC/FFD/RPO	0.09		0.10		2.3
J-QC/FFB	0.4358	J-QC/FFB/FFDRPOFLS	0.10		0.08		8.2
	0.4658		0.14		0.10		2.6
	0.3735		0.11		0.10		4.2
	0.3730		0.10		0.09		4.3
	0.5320		0.14		0.15		3.1
	0.5120		0.16		0.18		3.0
	0.6839	J-QC/FFB/FFDRPOFLS	0.12		0.10		1.4
	0.4554	J-QC/FLS	0.18		0.13		3.29
	0.4509	J-QC/FLS	0.14		0.11		3.31
	0.4144		0.13		0.10		4.1
J-QC/FFB	0.7156		0.14		0.12		3.3
J-QC/FFB	0.6555	[redacted]	0.12	[redacted]	0.11		2.6
J-QC/FFB	0.5284	J-QC/FFB/FLS	—	A/LBF	0.14		6.0
J-QC/FFB	0.5284	J-QC/FFB/FLS	—	A/LBF	0.13		5.7
J-QC/FFB	0.4531		0.17	J-QC/FLD/RPOFLS	0.16	J-QC/FLS	3.0
J-QC/FFB	0.4634		0.16	J-QC/FLD/RPOFLS	0.14	J-QC/FLS	2.7
J-QC/FFB	0.3820		0.18	J-QC/FLD/RPO	0.15		19.2
	0.1167	J-QC/FFB	0.19		0.17		6.1
	0.4279		0.22		0.20		8.05
	0.4872		0.22		—	A/LBF	7.9
J-QC/FFB	0.5377		0.17		0.16		3.6
J-QC/FFB	0.5413		0.16		0.16		4.7
	0.3717		0.14		0.12		10.3
J-QC/FFB	0.3925		0.14		0.12		1.60
J-QC/FFB	0.4686		0.13		0.11		1.95
J-QC/FFB	0.5448		0.16		0.15		1.92
	0.6730		0.17		0.23	J-QC/FFD/RPO	1.47
	0.6920		0.16		0.16	J-QC/FFD/RPO	1.52
J-QC/FFB	0.5427		0.14		0.11		1.19
J-QC/FFB	0.6947		0.14		0.13		6.86
[redacted]							
J-QC/FFB	0.6104		0.15		0.12		10.7
J-QC/FFB	0.6275		0.12		0.10		14.0
J-QC/FFB	0.6152		0.13		0.11		2.90
	0.8343		0.12		0.10		7.88
	0.8394		0.13		0.11		8.97
J-QC/FFB	0.5791		0.22		0.18		8.74
J-QC/FFB	0.6961		0.18		0.12		1.60

J-QC/FFB	0.7606		0.15		0.11		1.50
J-QC/FFB	1.1188		0.18		0.15		2.12
J-QC/FFB	0.6959	J-QC/FFB	—	C	0.12		3.09
J-QC/FFB	0.7895	J-QC/FLS	0.18		0.14		1.37
J-QC/FFB	1.0502		0.16		0.12		3.30
J-QC/FFB	1.1193		0.16		0.12		3.00
J-QC/FFB	0.9152		0.30	J-QC/FFB	0.12		11.8
J-QC/FFB	0.6509		0.15		0.15		6.75
J-QC/FFB	0.6750		0.16		0.14		6.15
J-QC/FFB	0.5748	J-QC/FLS	0.15		0.14		4.69
	0.5535		0.19		0.18		4.01
	0.5419	J-QC/FLS	—	A/LBF	0.16		25.7
	0.5148	J-QC/FLS	—	A/LBF	0.15		22.7
	0.6198	J-QC/FFB	0.24		0.23		1.28
	0.8832		0.20		0.19		4.08
	0.9014		0.19		0.19		5.05
J-QC/FFB	0.6424	J-QC/FLS	0.24		0.24		1.78
	0.6073	J-QC/FLS	0.26	J-QC/FLS	0.23		3.43
	0.7694	J-QC/FLS	0.24	J-QC/FLS	0.22		3.68
	0.8846		0.20	J-QC/FLD/RPO	0.20		3.99
	0.9116		0.24		0.23		12.1
	0.7110		0.24		0.21		2.19
	0.7046		0.21		0.18		4.92
	0.9385	J-HT/EHT	0.24		0.24		32.8
	0.6206	J-QCJ-HT/FLS/EHT	0.16		0.15		1.33
	0.5483	J-QCJ-HT/FLS/EHT	0.15		0.14		1.52
J-QC/FFB	0.8908		0.20		0.19		0.89
[redacted]							
J-QC/FFB	0.5378	J-QC/FFD/RPO	0.16	J-QC	0.17	J-QC/FFD/RPO	1.47
J-QC/FFB	0.3610	J-QC/FFD/RPO	0.12	J-QC	0.12	J-QC/FFD/RPO	1.56
J-QC/FFB	0.5854	J-QC/FFB	0.11	J-QC	0.10	J-QC	1.63
[redacted]	0.6359		0.14	[redacted]	0.10		8.45
	0.5376		0.16		0.12		10.1
J-QC/FFB	0.4819	J-HT/EHT	0.08		0.08		12.4
J-QC/FFB	0.4902	J-HT/EHT	0.08		0.08		13.5
J-QC/FFB	0.7825	J-QC/FFB/FFDRPO	0.16	J-QC	0.16		1.83
J-QCJ-HT/FFB/EHT	0.7539	J-QCJ-HT/FFB/EHT	0.19	J-QC/FLD/RPOFMS	0.16		10.6
J-QCJ-HT/FFB/EHT	0.8765	J-QCJ-HT/FFB/EHT	0.19	J-QC/FLD/RPOFMS	0.15		5.37
J-QC/FFB	0.4442		0.16	[redacted]	0.11	J-QC/FLD/RPO	1.72
J-QCJ-HT/EHT	0.4377	J-QC	0.15	J-QC	0.15	J-QC	1.41
NRP	—	NRP	—	NRP	—	NRP	—
[redacted]	0.5901		0.18	J-QC	0.18	J-QC	0.610
	0.4347		0.15	J-QC	0.15	J-QC	1.35
[redacted]	0.5578		0.16	J-QC	0.16	J-QC	1.54
J-QC/FFB/FLS	1.0760	J-QC/FFD/RPOFLS	0.13	[redacted]	0.14	J-QC	2.61
[redacted]	0.6243	J-QC/FLS	0.18	J-QC/FLD/RPOFSL	0.15		2.67
	0.6275	J-QC/FLS	0.18	J-QC/FLD/RPOFSL	0.14		1.94
J-QC/FFB	0.6600		0.16	[redacted]	0.15		8.83
[redacted]	0.3456	J-QC/FFB/FLS	0.15	J-QC/FFD/RPO	0.14	J-QC/FLD/RPO	5.25
J-QC/FFB/FLS	0.5230		0.20	J-QC	0.19		3.10

J-QC/FFB/FLS	0.6555		0.19	J-QC	0.18		3.03
J-QC/FFB	0.6472		0.17	J-QC	0.16	J-QC	6.34
J-QC/FFB	0.7775		0.19	J-QC/FLD/RPO	0.19		3.37
J-QC/FFB	0.5329	J-QC/FFD/RPO	0.25	[redacted]	0.25		3.73
J-QC/FFB	0.8019	J-QC/FFD/RPO	0.25		0.25		4.40
[redacted]	0.8437	J-QC/FFB	0.25	J-QC	0.20	J-QC	2.91
J-QC/FFB	0.5008		0.17	J-QC/FMS	0.17		2.71
[redacted]	0.6029		0.21	[redacted]	0.19		4.59
	0.6240		0.21		0.19		5.56
	0.5211	J-QC/FFB	0.20		0.18		2.66
J-QC/FFB	0.7467	J-QC/FLS	0.21		0.20		3.23
[redacted]	0.7769		0.24	J-QC/FFB	0.20	J-QC/FFD/RPO	4.05
	0.8474		0.23	J-QC/FFB	0.12	J-QC/FFD/RPO	2.82
	0.7609	J-QC/FFB	0.25	J-QC/FFD/RPO	0.17		4.29
J-QC/FFB	0.8562	J-HT/EHT	0.17	I-QC/FFB/FFDFLDRPC	0.16		3.21
J-QC/FFB	0.7981	J-HT/EHT	0.24	I-QC/FFB/FFDFLDRPC	0.15		3.05
[redacted]							
	0.6375		0.12		0.11		2.72
J-QC/FFB	0.5088		0.14		0.13		2.08
J-QC/FFB	0.5660		0.13		0.12		2.12
J-QC/FFB	0.5970		0.13		0.12		7.28
J-QC/FFB/FFDRPC	0.7460		0.12	J-QC/FFB/FLDRPO	0.11		4.43
J-QC/FFB/FFDRPC	0.7090		0.13	J-QC/FFB/FLDRPO	0.09		4.29
J-QC/FFB	0.6154		0.13	J-QC/FMS	0.17		1.89
	0.4267		0.11	J-QC/FFB	0.08		2.05
	2.3145		0.11		0.09		1.86
J-QC/FFB	0.3772		0.12		0.12		4.80
J-QC/FFB	0.4715	J-HT	0.11	J-QC/FMS	0.11		4.50
J-QC/FFB	0.4459	J-HT	0.11	J-QC/FMS	0.10		6.97
J-QC/FFB	0.6112		0.13	J-QC/FLD/RPO	0.13		2.74
J-QC/FFB	0.4588		0.14		0.14		4.74
J-QC/FFB	0.4235		0.15	J-QC/FMS	0.14	J-QC/FFB	7.07
J-QC/FFB	0.4597		0.14	J-QC/FMS	0.12	J-QC/FFB	9.68
J-QC/FFB	0.3840	J-QC	0.15	-QC/FFB/FLDRPOFM	0.13		4.18
J-HT/EHT	0.4436		0.19	J-QC/FFB	0.16		3.08
J-HT/EHT	0.4750		0.19	J-QC/FFB	0.16		2.98
J-QC/FFB	0.4577		0.16		0.15	J-QC/FMS	2.82
J-QCJ-HT/FFB	0.3966		0.14		0.14		3.00
	0.7050		0.17	J-QC	0.17		16.3
	0.7180		0.16	J-QC	0.17		14.5
J-QC/FFB	0.3950	J-HT	0.21		0.13	J-QC/FFB	13.2
	0.8973		0.24		0.22		18.2
	0.9263		0.25		0.22		17.4
J-QC/FFB	0.5896		0.22	J-QC/FMS	0.19		14.2
	0.6679		0.24	J-QC/FFB/FMS	0.21		3.21
	0.7324		0.22	J-QC/FFB/FMS	0.20		3.34
	0.5948	J-QC	0.26		0.22		10.2
J-QC/FFB	0.7133		0.24		0.21		7.23
J-QC/FFB	0.7337	J-QC	0.21		0.18		12.3
	0.7245		0.22	J-QC/FFB	0.17		3.04

	0.6657	0.21	J-QC/FFB	0.16		2.06
J-QC/FFB	0.7803	0.20		0.16	J-QC	1.13

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	2.5	0.00	0.00
	4.6	0.00	0.36
[redacted]			
	3.7	0.00	0.00
	9.2	0.00	0.00
	7.0	0.00	0.05
	3.0	0.04	0.04
	4.0	0.01	0.10
	4.2	0.29	0.47
	4.8	0.27	0.53
	1.6	0.00	0.00
	1.1	0.00	0.31
	9.4	0.00	0.00
	<0.5	0.00	0.00
	4.0	0.00	0.57
	8.7	0.00	0.00
	6.3	0.09	0.94
	3.1	0.00	0.02
	<0.5	0.39	0.39
	4.5	0.00	0.00
	4.6	0.00	0.00
	<0.5	0.00	0.10
	5.4	0.00	0.00
	5.7	0.00	0.00
	2.3	0.53	2.80
	<0.5	0.04	0.04
	7.9	0.00	0.00
	5.2	0.78	0.78
	5.3	0.01	0.04
	6.0	0.00	0.66
[redacted]			
	14.0	0.00	0.01
	0.8	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.66	0.66
	3.1	0.46	0.50
	2.4	0.95	1.78
	2.3	0.00	0.00
	2.4	0.00	0.00
	3.2	0.00	0.00
	4.3	0.00	0.00

1.1	0.00	0.00	[redacted]
2.7	0.00	0.00	
6.0	0.00	0.00	
2.8	0.00	0.00	
3.3	0.03	0.03	
3.9	0.00	0.00	
6.8	0.00	0.00	
[redacted]			
6.4	0.04	0.04	
5.9	0.00	0.11	
3.0	0.00	0.00	
4.6	0.00	0.00	
4.9	0.00	0.00	
5.5	0.00	0.00	
—	0.22	0.22	
2.1	0.00	0.00	
2.0	0.00	0.00	
1.5	0.12	0.13	
—	0.00	0.00	
—	0.00	0.00	
13.3	0.00	0.00	
—	0.00	0.00	
5.5	0.00	0.00	
5.9	0.57	1.19	
3.5	0.02	0.37	
3.2	0.00	0.00	
4.3	0.00	0.00	
3.9	0.00	0.01	
4.5	0.01	1.12	
3.3	0.04	0.23	
1.4	0.20	0.20	
[redacted]			
1.5	0.00	0.00	
1.1	0.00	0.00	
2.0	0.00	0.25	
1.5	0.17	0.27	
1.7	0.00	0.32	
1.3	1.09	1.14	
6.0	0.00	0.00	
5.3	0.00	0.00	
5.2	0.00	0.00	
6.2	0.01	1.37	
[redacted]			
2.1	0.01	0.01	
3.6	0.00	0.00	
3.5	0.00	0.00	
3.3	0.00	0.00	
3.9	0.00	0.00	
3.6	0.00	0.00	

J-R	4.1		0.00	0.00
J-R	12.5		0.00	0.00
	4.3		0.12	0.98
	6.8		0.12	0.98
	5.0		0.28	0.28
	4.3		0.28	0.28
J-R	4.9		0.00	0.00
J-R	4.8		0.00	0.00
	4.7		0.00	0.03
	4.6		0.00	0.03
	5.9		0.00	0.00
	5.9		0.00	0.00
	5.1		0.18	0.18
	5.0		0.18	0.18
J-R	3.1		0.00	0.00
J-R	2.8		0.00	0.00
	3.3		0.00	0.00
	3.0		0.00	0.00
	3.0		0.00	0.00
	3.3		0.00	0.00
J-R	3.4		0.71	0.71
J-R	3.1		0.71	0.71
	3.0		0.00	0.00
	2.8		0.00	0.00
	6.8		0.00	0.00
	4.2		0.00	0.00
	2.4		0.01	0.01
	2.7		0.01	0.01
	16.2		0.65	0.65
	3.6		0.00	0.12
	4.5		0.00	0.12
[redacted]				
J-R	4.4		0.00	1.25
J-R	4.1		0.00	1.25
	4.3		0.00	0.00
	4.9		0.00	0.00
	5.8	J-QC/FFB	0.00	0.00
	5.6	J-QC/FFB	0.00	0.00
J-QCJ-HT/FFD/RPOEHT	4.3		0.32	0.32
J-QCJ-HT/FFD/RPOEHT	4.2		0.32	0.32
J-QC/FFD/RPO	7.1		0.34	0.88
J-QC/FFD/RPO	6.7		0.34	0.88
K	7.6		0.00	0.00
K	8.0		0.00	0.00
	8.4		0.43	0.68
	7.5		0.43	0.68
J-RJ-QC/FFD/RPO	6.5	J-QC/FFD/RPO	2.01	2.01
J-RJ-QC/FFD/RPO	10.3	J-QC/FFD/RPO	2.01	2.01
J-R	—	NAPEFAI/EQF	0.00	0.00
J-R	—	NAPEFAI/EQF	0.00	0.00

	4.2	J-QC/FFB	0.00	0.08
	4.7		0.00	0.00
	4.3		0.00	0.00
	4.7	J-QC/FFB	1.44	1.44
	4.6	J-QC/FFB	1.44	1.44
J-R	4.1		3.33	3.33
	4.6		3.33	3.33
J-RJ-QC/FFB	3.4	J-QC/FFB/FSL	0.00	0.00
J-RJ-QC/FFB	4.1	J-QC/FFB/FSL	0.00	0.00
J-R	5.3		0.04	0.04
	5.6		0.04	0.04
	4.8		0.00	1.13
	4.8		0.00	1.13
	4.6	J-QC/FFB	0.00	0.01
	4.8	J-QC/FFB	0.00	0.01
J-R	4.6	J-QC/FFB	0.00	0.00
J-R	4.4	J-QC/FFB	0.00	0.00
J-R	4.6	J-QC/FFB	0.00	0.00
J-R	4.2	J-QC/FFB	0.00	0.00
J-R	4.4	J-QC/FFB	0.00	0.00
	4.1	J-QC/FFB	0.04	0.04
	3.9	J-QC/FFB	0.04	0.04
	4.0	J-QC/FFB	0.00	0.17
	3.7	J-QC/FFB	0.00	0.17
	3.8	J-QC/FFB	0.00	0.00
	3.7	J-QC/FFB	0.00	0.00
J-R	4.0	J-QC/FFB	0.00	0.00
[redacted]				
	5.20	J-QC/FFB/FFDRPO	0.00	0.00
J-QC/FFD/RPO	4.42		0.00	0.00
J-QC/FSL	4.02		0.00	0.00
	3.80	J-QC/FFB	1.43	1.43
J-R	3.90	J-QC/FFB	1.43	1.43
K	4.11		0.00	0.00
	3.98	J-QC/FFB	0.00	0.00
	3.93	J-QC/FFB	0.02	1.13
	3.79	J-QC/FFB	0.02	1.13
	4.33	J-QC/FFB	0.00	0.00
	5.18	J-QC/FFB	0.00	0.43
	5.11	J-QC/FFB	0.00	0.43
	3.90	J-QC/FFD/RPO	0.00	0.00
	3.70	J-QC/FFB	1.09	1.09
	3.20	J-QC/FFB	1.09	1.09
	4.09		0.00	0.00
	3.70	J-QC/FFB	0.00	0.00
	3.90	J-QC/FFB	0.01	0.01
	4.20	BJ-QC/FBK/FFB	0.00	0.00
	4.20	J-QC/FFB	0.00	0.00
J-R	3.80	J-QC/FFB	0.71	0.73
J-R	3.60	J-QC/FFB	0.71	0.73

	3.60	J-QC/FFB	0.00	0.00
	3.60	J-QC/FFB	0.00	0.00
J-R	3.30	J-QC/FFB	0.09	0.09
J-RJ-QC/FFD/RPO	3.40	J-QC/FFB	0.16	1.21
	3.50		0.27	0.28
J-R	3.80		0.50	0.50
KJ-QC/FFD/RPO	4.60		0.00	0.00
J-RJ-QC/FFD/RPO	4.30		0.00	0.00
[redacted]				
J-R	4.2		0.00	0.00
	4.5	J-QC/FFB	0.10	0.10
J-RJ-QC/FFD/RPO	4.9		0.00	0.00
	2.8	J-QC/FFB	0.67	0.71
	3.3	BJ-QC/FBK/FFB	0.57	0.57
	2.6	J-QC/FFB	0.00	0.00
	2.6	J-QC/FFB	0.00	0.00
	2.9	J-QC/FFD/RPO	2.39	3.03
	4.0	J-QC/FFD/RPO	2.39	3.03
J-R	3.5	BJ-QC/FBK/FFDRPO	0.03	0.03
	2.9	J-QC/FFB	0.00	0.00
	2.6	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.0		0.12	0.12
	2.5	J-QC/FFB	0.08	0.08
[redacted]	2.4	J-QC/FFB	0.08	0.08
	7.1	J-QC/FFB/FFDRPO	0.00	0.00
	3.0	J-QC/FFB/FFDRPO	0.00	0.00
	3.0	J-QC/FFB	0.00	0.00
	3.0	J-QC/FFB	0.00	0.00
	4.4	J-QC/FFB	0.00	0.00
	3.6	J-QC/FFB	0.00	0.00
	3.6	J-QC/FFB	0.69	0.69
	4.1	J-QC/FFB	0.00	0.00
	4.1	J-QC/FFB	0.00	0.70
	4.0	J-QC/FFB	0.00	0.70
	4.9	J-QC/FFB	0.00	0.00
J-R	4.8	J-QC/FFB	0.00	0.00
	3.9	J-QC/FFB	0.00	0.00
	4.3	BJ-QC/FBK/FFB	0.07	0.07
J-R	3.1		0.00	0.00
J-R	2.7		0.00	0.00
J-R	3.3		0.00	0.00
	5.1		0.00	0.00
[redacted]				
	3.0		1.48	1.62
	3.6		1.48	1.62
	2.8	J-QC/FFB	0.01	0.03
J-QC/FSL	3.6	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	3.9	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	2.8	J-QC/FFB	0.30	2.82
	2.8	J-QC/FFB	0.91	1.11

	2.3	J-QC/FFB	0.91	1.11
	2.4	J-QC/FFB	0.03	0.03
J-QC/FFD/RPO	3.1	J-QC/FFB	0.18	0.91
	2.3	J-QC/FFB	1.94	1.94
	2.4	J-QC/FFB	1.36	1.37
	2.2	J-QC/FFB	1.36	1.37
J-QC/FSL	2.8	BJ-QC/FBK/FFB	1.12	1.12
	2.4		0.00	0.00
	2.3		0.00	0.00
	1.9	J-QC/FFB/FFDRPO	0.00	0.00
	2.6	BJ-QC/FBK/FFBFLDRPO	0.00	0.02
	3.4	J-QC/FFB	0.39	0.39
	3.8	J-QC/FFB	0.39	0.39
	3.0		0.00	0.23
	2.6	J-QC/FFB	0.00	0.29
	2.4	J-QC/FFB	0.00	0.29
J-QC/FFD/RPOFSL	2.9	J-QC/FFD/RPO	0.00	0.00
	1.9		0.00	0.11
	1.8		0.00	0.11
J-QC/FFB/FFDRPO	2.1		0.00	0.00
J-QC/FFD/RPOFSL	1.7		1.00	1.00
J-QC/FFD/RPOFSL	1.9		0.00	0.00
J-QC/FFD/RPOFSL	2.0		0.00	0.00
J-QC/FSL	3.4	J-QC/FFB	0.00	0.35
	3.8	BJ-QC/FBK/FFB	0.00	0.46
	4.0	BJ-QC/FBK/FFB	0.00	0.46
	2.5	J-QC/FFB/FFDRPO	0.02	0.05
[redacted]				
J/LLS	2.83	J-QC/FFB	0.54	0.54
J/LLS	2.94	J-QC/FFB	0.54	0.54
J-QC/LLS	4.78	BJ-QC/FBK/FFB	0.02	0.02
[redacted]	2.85	J-QC/FFB	0.00	0.68
	3.12	J-QC/FFB	0.00	0.68
J-QC/FFB	3.1	J-QC	0.00	0.00
J-QC/FFB	2.7	J-QC	0.00	0.00
J-QC/LLS/FFDRPO	2.5	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	2.6	J-QC	1.46	2.61
J-QC/FFD/RPO	3.5	J-QC	1.46	2.61
J-QC/LLS/FFBFFDRPO	4.0	J-QC/FFB/FFDRPOFMS	0.00	0.00
J-QC/LLS/FFB	5.1	J-QC	0.00	0.00
NRP	—	NRP	0.00	0.00
J/LLS	5.0	J-QC	0.00	0.00
J/LLS	3.6		3.71	3.89
J/LLS	3.1		3.71	3.89
[redacted]	8.0	J-QC	0.00	0.00
J-QC/FFD/RPOFSL	4.7	B/FBK	0.02	1.47
J-QC/LLS/FFDRPOFSL	5.2	B/FBK	0.02	1.47
[redacted]	4.6	J-QC/FLD/RPO	0.00	0.00
	4.0		0.00	0.00
	3.9	J-QC/FFB/FFDRPO	0.00	0.57

[redacted]	5.4	J-QC/FFB/FFDRPO	0.00	0.57
[redacted]	3.5	J-QC/FFB	0.88	0.88
J-QC/FFD/RPO	3.0	J-QC	0.00	0.00
[redacted]	4.3	J-QC	1.01	1.41
[redacted]	4.3	J-QC	1.01	1.41
J-QC/FFB	10.0	J-QC/FSL	0.49	0.49
[redacted]	3.7		0.85	0.86
[redacted]	1.9		0.00	0.00
[redacted]	2.0		0.00	0.00
[redacted]	2.0	J-QC	0.04	0.04
J-QC/FFD/RPO	2.2	J-QC/FLD/RPOFSL	0.00	0.48
J-QCJ-HT/FFD/RPOEHT	3.66	J-QC	0.00	0.00
J-QCJ-HT/FFD/RPOEHT	3.05	J-QC	0.00	0.00
[redacted]	4.6	J-QC/FFD/RPOFSL	0.00	0.19
[redacted]	4.98	J-QC/FFD/RPO	0.00	0.00
[redacted]	3.51	J-QC/FFD/RPO	0.00	0.00
[redacted]				
	3.2	J-QC/FMS	0.00	0.14
	1.8	J-QC/FFB/FMS	0.00	0.95
	1.9	J-QC/FFB/FMS	0.00	0.95
	5.1	J-QC/FFB	0.00	0.00
	3.6		0.67	0.78
	3.5		0.67	0.78
J-QC/LLS/FFDRPO	5.2	B/FBK	1.02	1.06
J-QC/LLS/FFDRPO	3.8	B/FBK	0.00	0.00
J-QC/LLS/FFDRPO	5.1		0.00	0.00
J-QC/FFB	3.2	J-QC/FMS	0.78	0.78
J-QC/FFD/RPO	3.9	J-QC/FMS	0.03	0.03
J-QC/FFD/RPO	3.7	J-QC/FMS	0.03	0.03
	3.7	J-QC/FLD/RPO	0.00	0.00
	3.8	J-QC/FFB	0.20	0.22
J-QC/FFD/RPO	2.6	J-QC/FMS	1.20	1.20
J-QC/FFD/RPO	2.6	J-QC/FMS	1.20	1.20
	0.6		0.00	0.00
	1.6		0.73	1.48
	0.8		0.73	1.48
	1.3	J-QC/FMS	0.28	0.36
J-QC/FFD/RPO	1.3		0.00	0.07
	1.5	3J-QC/FBK/FFBFLDRPOFMS	0.09	0.09
	1.6	3J-QC/FBK/FFBFLDRPOFMS	0.09	0.09
	2.2		0.00	0.00
	3.4		0.00	0.00
	3.4		0.00	0.00
	1.4	J-QC/FFD/RPO	0.00	0.00
	2.4		0.00	0.00
	2.4		0.00	0.00
	3.7	J-QC/FFB/FFDRPO	0.00	0.00
	2.8		0.00	0.00
	2.0	J-QC/FFD/RPO	0.01	0.01
J-QC/FFD/RPO	2.7	J-QC/FLD/RPO	1.86	1.88

J-QC/LLS/FFDRPO	2.7	J-QC/FLD/RPO	1.86	1.88
J-QC/LLS/FFDRPO	2.6		0.08	0.18

Station #23 Lower Arthur Kill	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 10, 2003	10:35	6.10	5.9	10.54
December 18, 2003	12:15	6.20	5.4	7.26
2004				
February 26, 2004	01:25	8.05	3.2	11.41
April 6, 2004	09:55	6.77	7.1	9.87
April 22, 2004	09:40	6.84	12.4	9.20
May 5, 2004	09:55	7.67	14.2	6.98
May 20, 2004	10:40	7.27	18.7	5.57
May 27, 2004	11:05	7.27	19.7	5.47
June 1, 2004	—	7.34	—	—
June 16, 2004	10:20	7.44	—	5.80
June 23, 2004	10:05	7.76	21.2	8.12
July 1, 2004	10:32	7.50	22.5	—
July 7, 2004	10:32	7.46	—	—
July 14, 2004	10:36	7.38	22.9	—
July 21, 2004	11:20	7.52	24.9	—
July 28, 2004	10:40	7.07	—	4.98
August 4, 2004	10:30	7.18	25.90	4.03
August 11, 2004	10:15	7.48	23.71	5.63
August 18, 2004	10:45	7.28	24.14	3.92
August 25, 2004	10:20	7.34	24.08	5.75
September 1, 2004	10:10	7.41	25.55	4.59
September 15, 2004	10:55	7.17	23.63	4.42
September 22, 2004	10:14	7.59	21.31	6.17
September 29, 2004	10:40	7.23	21.32	6.42
October 14, 2004	10:40	—	18.18	5.55
October 21, 2004	11:43	—	15.5	5.92
November 4, 2004	11:33	7.00	14.1	6.80
November 22, 2004	09:53	7.41	11.62	7.39
December 2, 2004	11:28	7.40	11.56	8.62
2005				
February 24, 2005	10:35	—	3.69	11.38
April 13, 2005	10:54	—	10.09	14.71
May 5, 2005	10:59	7.23	12.59	9.39
May 11, 2005	10:16	7.35	13.95	9.60
May 19, 2005	11:10	7.64	14.91	8.32
May 31, 2005	11:18	7.36	16.56	6.48
June 8, 2005	10:17	7.01	20.81	6.17
June 15, 2005	10:38	7.44	22.25	6.90
June 22, 2005	11:26	7.21	21.88	4.92
June 29, 2005	10:38	7.25	23.57	5.78
July 6, 2005	10:49	7.18	24.76	4.27
August 3, 2005	10:58	6.94	27.29	—
August 11, 2005	—	—	—	—
August 17, 2005	10:17	7.26	27.03	3.86
August 25, 2005	10:21	—	25.87	4.18

September 8, 2005	—	—	—	—
September 12, 2005	—	—	—	—
September 22, 2005	09:50	7.22	24.85	4.14
October 6, 2005	10:32	7.00	22.28	5.32
October 18, 2005	11:13	—	17.06	8.26
November 3, 2005	10:48	7.48	13.79	8.85
December 21, 2005	10:24	6.68	4.80	12.70
2006				
January 5, 2006	10:36	7.33	5.93	14.92
February 1, 2006	10:01	7.64	5.90	13.47
March 30, 2006	10:44	8.22	7.62	13.61
April 18, 2006	10:15	7.70	12.12	9.02
April 27, 2006	10:39	7.32	13.58	10.16
May 2, 2006	10:39	7.25	14.61	10.34
May 11, 2006	11:04	7.37	15.49	7.40
June 15, 2006	10:31	7.31	19.59	7.42
June 19, 2006	11:01	7.40	19.93	9.52
June 26, 2006	11:31	7.19	22.17	6.29
July 11, 2006	10:41	7.27	21.41	6.23
July 20, 2006	09:41	7.15	25.19	4.90
July 24, 2006	10:46	7.10	24.47	5.30
July 31, 2006	11:23	7.41	25.55	5.30
August 9, 2006	10:01	7.56	25.31	5.08
August 29, 2006	10:26	7.23	24.38	4.01
September 6, 2006	09:53	7.49	21.16	5.21
September 11, 2006	10:53	7.29	22.36	4.69
September 18, 2006	10:28	7.19	21.83	7.20
September 25, 2006	11:06	7.44	21.18	6.00
October 18, 2006	10:34	7.48	16.69	7.01
November 14, 2006	11:38	7.56	13.15	6.88
December 13, 2006	10:23	7.92	8.59	9.06
2007				
January 10, 2007	11:14	8.18	7.86	9.59
January 25, 2007	12:01	7.29	5.41	9.47
March 20, 2007	10:48	8.12	4.52	11.99
April 2, 2007	11:27	7.89	7.51	12.65
May 3, 2007	11:06	7.50	11.19	7.86
Boat engine failure - 5/18/07				
September 11, 2007	10:05	7.27	25.47	5.16
October 3, 2007	10:57	7.23	22.46	4.84
October 30, 2007	10:33	7.14	16.72	6.30
November 27, 2007	11:11	—	9.93	8.80
2008				
January 9, 2008	10:40	—	6.32	10.37
February 28, 2008	11:27	—	—	—
March 13, 2008	11:28	7.71	5.21	11.47
April 24, 2008	11:08	7.71	13.97	9.80
May 6, 2008	12:26	7.39	14.64	7.18
June 5, 2008	10:32	7.33	18.46	5.87
June 10, 2008	11:31	7.43	20.74	6.02

July 17, 2008	10:20	7.35		25.07	5.41
July 21, 2008	11:48	7.48		25.81	5.63
July 30, 2008	10:19	7.18		25.59	4.45
August 6, 2008	10:15	7.20		25.10	4.44
August 13, 2008	10:05	7.34		23.36	4.99
August 19, 2008	10:51	7.27		24.52	5.06
August 26, 2008	10:15	7.32		23.93	5.24
September 9, 2008	10:38	7.39		24.10	6.37
September 18, 2008	10:40	—		22.88	4.85
September 24, 2008	10:32	7.27		21.65	6.73
October 9, 2008	10:37	—		18.41	4.97
November 13, 2008	10:17	7.28		12.60	6.43
December 2, 2008	11:25	7.33		8.24	7.19
2009					
January 29, 2009	10:36	7.21		2.51	8.86
February 9, 2009	10:42	7.43		2.88	9.30
March 4, 2009	10:35	7.52		2.79	14.98
April 14, 2009	10:32	7.59		8.29	11.96
May 5, 2009	11:31	7.11		14.03	—
May 20, 2009	11:44	7.48		14.86	—
June 3, 2009	10:09	7.04		18.92	—
June 18, 2009	10:43	7.33		19.67	5.55
June 23, 2009	10:47	7.30		20.26	5.03
July 8, 2009	10:28	7.33		21.72	4.84
July 15, 2009	10:51	—	NAPEFAI/EQF	21.67	6.19
July 21, 2009	10:25	—	NAPEFAI/EQF	23.03	5.46
July 29, 2009	10:39	—	NAPEFAI/EQF	24.18	4.77
August 6, 2009	10:13	—	NAPEFAI/EQF	24.77	4.60
August 12, 2009	10:26	—	NAPEFAI/EQF	24.34	4.90
August 19, 2009	10:18	—	NAPEFAI/EQF	25.93	—
August 25, 2009	10:14	—	NAPEFAI/EQF	26.45	—
September 2, 2009	10:27	—	NAPEFAI/EQF	23.78	—
September 10, 2009	10:54	—	NAPEFAI/EQF	23.25	—
September 16, 2009	10:30	—	NAPEFAI/EQF	22.26	—
September 24, 2009	10:06	—	NAPEFAI/EQF	21.90	—
September 29, 2009	11:00	—	NAPEFAI/EQF	20.03	9.41
October 5, 2009	11:10	—	NAPEFAI/EQF	18.99	6.62
November 24, 2009	10:30	7.59		11.94	7.94
2010					
March 18, 2010	10:59	7.63		6.80	11.91
April 19, 2010	10:25	7.58		10.60	9.86
May 6, 2010	11:05	7.59		13.72	9.45
May 18, 2010	10:25	7.37		13.62	8.55
May 25, 2010	10:22	7.32		16.72	7.00
June 2, 2010	10:15	7.36		20.23	6.70
June 10, 2010	11:18	7.44		20.67	5.95
June 16, 2010	11:00	7.28		21.73	5.44
June 23, 2010	10:39	7.37		23.70	6.27
June 28, 2010	10:11	7.56		24.83	7.49
July 13, 2010	10:12	7.46		25.97	5.42

July 22, 2010	10:15	7.35		26.33	5.39
July 28, 2010	10:24	7.36		26.55	5.14
August 4, 2010	10:12	7.51		24.14	5.25
August 11, 2010	10:31	7.33		26.43	4.14
August 19, 2010	10:34	7.26		25.62	4.12
August 25, 2010	10:48	7.26		24.45	4.47
September 2, 2010	11:16	7.58		25.07	6.31
September 15, 2010	10:30	7.54		20.98	6.60
September 22, 2010	10:40	7.42		21.22	6.34
September 28, 2010	10:29	7.32		21.99	6.65
October 4, 2010	10:34	7.34		19.62	7.61
November 16, 2010	10:21	7.49		11.26	9.26
December 6, 2010	10:33	7.53		7.96	9.94
2011					
January 6, 2011	10:30	7.52		3.28	10.55
February 7, 2011	10:22	7.71		2.29	14.24
March 14, 2011	10:25	7.25		5.82	12.40
April 12, 2011	10:18	7.43		8.75	10.83
May 4, 2011	10:45	7.11		13.43	8.24
May 11, 2011	11:12	7.60		13.03	8.76
May 18, 2011	10:36	7.30		15.47	7.48
May 23, 2011	10:29	7.11		16.27	7.15
June 2, 2011	10:42	7.51		20.18	6.92
June 9, 2011	10:50	7.38		20.39	6.99
June 22, 2011	10:34	7.36		22.36	5.88
June 30, 2011	10:49	7.44		23.16	6.60
July 7, 2011	10:31	7.42		23.75	5.49
July 12, 2011	10:37	7.47		24.91	5.78
July 27, 2011	10:15	7.48		25.06	5.32
August 3, 2011	10:45	7.32		26.85	4.78
August 11, 2011	11:00	7.40		26.05	4.83
August 22, 2011	10:45	7.32		23.97	4.80
September 12, 2011	11:18	7.29		21.76	5.49
September 19, 2011	10:14	7.44		19.95	5.95
September 28, 2011	10:24	7.28		21.76	4.39
October 26, 2011	10:38	7.46		15.88	6.35
November 3, 2011	10:36	7.46		12.40	8.74
December 5, 2011	10:56	7.61		11.00	8.25
2012					
January 12, 2012	11:08	7.83		7.04	9.85
February 9, 2012	11:19	7.66		6.83	9.24
March 8, 2012	10:51	7.99		7.26	11.51
April 23, 2012	10:58	7.49		15.03	6.64
May 3, 2012	10:35	7.42		13.89	4.39
May 8, 2012	10:29	7.39		15.31	6.19
May 16, 2012	10:49	7.48		16.32	7.03
May 21, 2012	10:12	7.38		18.39	5.98
June 4, 2012	10:36	7.36		20.86	5.34
June 12, 2012	10:18	—	NAPEFAI/EQF	21.68	4.03
June 21, 2012	10:14	—	NAPEFAI/EQF	23.66	3.89

June 27, 2012	10:27	—	NAPEFAI/EQF	22.22	4.23
July 9, 2012	10:18	—	NAPEFAI/EQF	25.66	3.42
July 18, 2012	10:17	7.68		26.54	6.15
August 2, 2012	10:10	7.21		26.21	3.77
August 16, 2012	10:32	7.39		26.54	4.90
August 23, 2012	10:20	7.24		25.03	4.04
September 6, 2012	10:23	7.30		25.64	4.58
September 12, 2012	10:49	7.35		23.99	4.96
September 18, 2012	10:15	7.38		23.35	5.25
September 24, 2012	11:04	7.44		21.63	5.62
October 16, 2012	10:15	7.42		17.21	6.64
November 27, 2012	08:52	7.53		9.22	8.68
December 4, 2012	09:12	7.50		9.26	8.89
2013					
January 10, 2013	08:45	7.53		5.80	10.29
February 4, 2013	09:23	7.72		3.67	11.85
March 12, 2013	09:09	7.76		5.48	11.67
April 3, 2013	09:04	7.85		6.45	10.80
May 1, 2013	10:31	7.45		13.02	7.54
May 8, 2013	10:31	7.48		15.65	7.69
May 13, 2013	10:33	7.45		15.13	6.57
May 20, 2013	10:39	7.45		15.08	6.46
May 29, 2013	10:30	7.46		16.11	6.26
June 6, 2013	10:05	7.43		18.31	5.55
June 20, 2013	10:16	7.39		19.59	6.19
July 2, 2013	10:15	7.39		22.95	5.37
July 10, 2013	10:16	7.55		23.03	5.22
July 17, 2013	10:22	7.54		23.26	4.89
July 24, 2013	10:35	7.49		26.90	3.97
August 1, 2013	10:34	7.54		23.71	5.62
August 7, 2013	10:00	7.58		23.91	5.10
August 13, 2013	10:52	7.44		24.43	4.70
August 22, 2013	11:07	7.64		24.09	4.69
August 28, 2013	10:06	7.58		23.35	5.39
September 10, 2013	09:48	7.52		22.15	5.05
September 16, 2013	10:35	7.49		21.15	5.30
September 23, 2013	10:40	7.42		20.02	5.81
October 3, 2013	10:38	7.34		19.95	6.23
November 19, 2013	11:02	7.77		10.32	8.43
December 2, 2013	10:41	7.55		6.59	9.22
2014					
January 13, 2014	10:29	7.44		3.03	11.12
February 4, 2014	11:43	7.41		1.39	13.48
March 6, 2014	10:23	7.50		1.50	11.06
April 8, 2014	10:51	8.23		6.95	10.99
May 1, 2014	11:23	8.54		9.93	14.92
May 13, 2014	10:42	7.62		13.07	8.35
May 19, 2014	10:50	7.39		14.44	8.48
June 5, 2014	10:43	7.24		17.80	6.74
June 11, 2014	10:52	7.23		18.58	6.34

June 19, 2014	10:27	7.20	21.00	5.81
June 26, 2014	10:40	7.63	21.94	7.21
July 2, 2014	10:42	7.69	22.70	5.98
July 10, 2014	10:51	7.61	20.97	6.85
July 15, 2014	10:35	7.45	22.99	5.00
July 28, 2014	10:26	7.51	23.33	5.67
August 4, 2014	10:37	7.49	22.02	6.30
August 12, 2014	10:05	7.42	23.55	5.41
August 20, 2014	10:42	7.46	22.37	5.83
August 27, 2014	10:32	7.50	23.92	5.49
September 8, 2014	10:31	7.47	23.81	6.12
September 15, 2014	10:35	7.41	22.63	4.97
September 24, 2014	10:50	7.38	21.34	6.12
September 30, 2014	10:41	7.40	21.47	5.98
October 7, 2014	10:42	7.35	19.11	7.09
November 17, 2014	10:35	7.40	11.23	9.15
December 2, 2014	10:29	7.42	8.43	9.84

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	97.5	17.3	—	16
	58.6	15.8	—	22
[redacted]				
	99.6	22.6	—	32
	91.1	16.2	—	22
	94.0	17.3	—	22
	75.8	19.4	—	24
	67.6	18.4	—	20
	63.8	18.4	—	22
	—	—	—	19
	—	—	—	16
	90..3	—	—	71
	—	—	—	19
	—	—	—	31
	—	—	—	38
	—	—	—	32
	58.5	—	—	28
	54.3	16.42	—	24
	74.7	20.04	—	15
	52.1	19.24	—	84
	75.8	17.30	—	28
	62.3	18.25	—	24
	58.1	18.49	—	22
	75.3	13.52	—	32
	78.6	14.00	—	12
	69.8	20.41	—	24
	65.5	15.3	—	24
	73.6	19.7	—	17
	77.6	21.21	—	26
	88.9	16.00	—	20
[redacted]				
	97.1	18.41	—	16
	139.8	10.70	—	10
	100.0	19.96	—	30
	103.4	16.92	—	25
	94.1	21.79	—	16
	78.1	26.72	—	34
	77.3	19.64	—	19
	90.9	23.25	—	40
	64.9	25.23	—	24
	78.2	24.14	—	26
	59.4	25.08	—	14
	—	23.54	—	19
	—	—	—	24
	55.5	24.36	—	26
	59.2	25.87	—	52

—	—	—	22
—	—	—	17
58.5	27.73	—	25
70.4	24.14	—	55
91.3	11.12	—	12
95.2	17.45	—	13
111.7	18.22	—	16
[redacted]			
133.3	16.39	—	20
123.2	20.34	—	42
131.0	21.57	—	24
95.5	20.79	—	30
109.9	18.87	—	22
113.4	17.73	—	16
85.6	23.55	—	22
91.1	20.05	—	31
119.2	22.28	—	24
63.5	25.26	—	26
79.1	20.05	—	24
67.6	22.74	—	30
71.5	21.02	—	18
73.8	23.64	—	28
71.2	24.93	—	66
55.2	24.70	—	80
67.3	23.62	—	18
62.0	23.77	—	68
92.3	19.99	—	26
76.9	22.27	—	18
81.7	20.56	—	22
72.5	16.09	—	22
89.7	22.02	—	26
[redacted]			
90.7	17.82	—	19
85.5	20.30	—	24
107.1	21.94	—	31
119.0	18.17	—	27
80.6	18.45	—	24
73.1	25.69	—	21
64.3	24.32	—	24
74.1	22.20	—	24
88.0	20.72	—	25
[redacted]			
97.4	22.62	—	38
—	—	—	30
96.9	10.71	—	20
105.2	16.29	—	18
78.9	18.06	—	34
71.7	22.74	—	26
77.4	24.33	—	17

	74.7		23.93	—		16	
	79.3		24.44	—		14	
	61.8		22.46	—		46	
	61.7		23.91	—		18	
	67.0		22.82	—		23	
	69.2		23.23	—		20	
	71.4		24.15	—		14	
	85.9		22.20	—		14	
	63.7		21.99	—		32	
	87.4		23.49	—		18	
	61.9		26.91	—		19	
	68.9		20.69	—		32	
	70.1		21.48	—		22	
[redacted]							
	74.6		20.80	—		26	J-QC/FLD/RPO
	80.1		22.02	—		18	
	128.6		22.28	—		17	
	115.2		19.22	—		12	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.14	—		21	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.08	—		43	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	19.84	—		45	
	67.3		17.75	—		20	
	61.0		15.69	—		30	J-QC/FLD/RPO
	62.2		21.05	—		10	
	80.4		23.02	—		12	J-QC/FFD/RPO
	73.4		24.65	—		48	J-QC/FFD/RPO
	63.8		20.22	—		13	
	61.4		17.93	—		20	
	—		20.72	—		14	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.42	—		22	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.01	—		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.25	—		14	J-QC/FFB/FFDRPO
NAPEFAI/EQF	—	NAPEFAI/EQF	22.96	—		29	
NAPEFAI/EQF	—	NAPEFAI/EQF	24.10	—		16	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.41	—		14	
	119.0		23.17	—		21	J-QC/FFD/RPO
	82.5		24.08	—		30	
	85.2		23.46	—		16	J-QC/FFD/RPO
[redacted]							
	106.5		13.25	—	NA	35	J-QC/FFD/RPO
	100.0		19.13	—	NA	16	
	102.4		20.90	—	NA	40	J-QC/FLD/RPO
	90.1		20.24	—	NA	38	
	80.5		20.03	—	NA	51	
	82.2		21.65	—	NA	20	
	75.4		22.37	—	NA	24	
	69.5		22.15	—	NA	59	
	83.4		21.66	—	NA	28	
	102.7		22.52	—	NA	44	
	74.7		23.38	—	NA	54	

73.5	23.03	—	NA	56	
73.1	26.75	—	NA	52	
71.8	24.40	—	NA	46	
57.6	25.23	—	NA	67	
58.4	25.53	—	NA	68	J-QC/FFB
61.2	23.82	—	NA	48	J-QC/FLD/RPO
86.8	22.99	—	NA	68	
83.4	24.35	—	NA	52	
81.6	23.40	—	NA	64	J-QC/FFD/RPO
84.4	23.10	—	NA	43	
85.5	21.62	—	NA	54	
95.5	21.10	—	NA	46	J-QC/FFB
93.1	17.78	—	NA	18	
91.9	23.10	—	NA	25	
119.7	21.21	—	NA	16	J-QC/FLD/RPO
104.5	8.22	—	NA	27	
106.9	21.75	—	NA	35	
86.4	14.50	—	NA	38	
93.5	19.02	—	NA	52	
82.1	19.22	—	NA	52	
78.9	13.38	—	NA	36	J-QC/FLD/RPO
84.3	17.10	—	NA	40	
87.3	20.61	—	NA	21	
75.8	19.72	—	NA	19	J-QC/FFD/RPO
73.6	18.84	—	NA	10	
72.3	19.64	—	NA	20	
78.3	19.77	—	NA	21	
73.4	22.67	—	NA	14	
67.7	22.53	—	NA	81	
67.9	22.83	—	NA	48	J-QC/FFB
63.9	18.87	—	NA	18	
64.9	6.23	—	NA	14	
71.5	14.79	—	NA	34	
55.1	17.47	—	NA	81	
71.6	17.92	—	NA	47	J-QC/FFD/RPO
90.8	17.07	—	NA	38	
83.6	18.52	—	NA	26	J-QC/FFB
93.9	22.33	—	NA	70	
88.1	22.68	—	NA	65	J-QC/FLD/RPO
111.1	23.54	—	NA	66	J-QC/FFD/RPO
75.9	23.43	—	NA	45	J-QC/FFD/RPO
48.5	22.07	—	NA	48	
70.0	20.50	—	NA	53	
81.5	21.09	—	NA	32	
71.3	20.33	—	NA	54	
67.9	21.46	—	NA	23	
51.7	21.16	—	NA	55	
51.6	20.56	—	NA	26	J-QC/FFB/FFDFLDRPO

54.1	21.63	—	NA	12	J-QC/FLD/RPO
47.7	23.12	—	NA	48	J-QC/FFD/RPO
87.1	23.30	—	NA	54	
53.3	23.89	—	NA	71	
70.5	23.57	—	NA	68	
56.1	24.14	—	NA	25	
64.2	23.92	—	NA	56	J-QC/FFB
67.8	24.56	—	NA	32	
70.5	25.20	—	NA	29	
73.6	25.32	—	NA	68	
80.2	25.13	—	NA	65	
90.0	27.26	—	NA	50	
90.2	23.91	—	NA	24	
[redacted]					
97.0	24.79	—	NA	54	[redacted]
106.1	24.87	—	NA	68	J-QC/FLD/RPO
107.2	22.08	—	NA	28	[redacted]
101.3	21.62	—	NA	44	
81.6	20.92	—	NA	52	J-QC/FFB
88.6	22.28	—	NA	50	[redacted]
75.4	23.49	—	NA	47	
75.2	25.93	—	NA	60	J-QC
71.3	18.99	—	NA	35	J-QC/FFB/FFDFLDRPO
66.7	21.79	—	NA	48	[redacted]
74.1	15.21	—	NA	10	J-QC/FLD/RPO
69.1	17.17	—	NA	86	[redacted]
69.1	22.46	—	NA	59	
65.8	24.67	—	NA	52	[redacted]
56.1	21.31	—	NA	60	
76.4	22.93	—	NA	60	
69.5	19.24	—	NA	58	J-QC/FFB
64.5	23.88	—	NA	46	[redacted]
64.2	25.65	—	NA	55	
72.4	23.29	—	NA	58	
66.6	24.12	—	NA	44	
69.3	25.37	—	NA	60	J-QC
74.6	26.19	—	NA	65	[redacted]
79.7	25.66	—	NA	20	J-QC/FLD/RPO
89.5	27.38	—	NA	48	[redacted]
89.4	26.39	—	NA	74	
[redacted]					
95.4	20.99	—	NA	58	J-QC/FFD/FLDRPO
111.2	23.47	—	NA	62	J-QC
92.7	23.27	—	NA	47	J-QC
99.5	14.91	—	NA	32	
141.3	10.72	—	NA	39	
87.4	19.47	—	NA	37	
93.1	19.03	—	NA	42	
81.2	22.49	—	NA	28	
75.4	19.14	—	NA	36	

72.8	19.87	—	NA	34	
93.2	22.03	—	NA	32	
78.9	22.64	—	NA	28	J-QC/FLD/RPO
88.6	25.23	—	NA	44	
66.4	23.07	—	NA	34	
75.3	21.97	—	NA	36	
82.1	24.11	—	NA	41	
73.5	24.70	—	NA	58	J-QC
78.4	27.36	—	NA	40	
75.7	26.41	—	NA	38	J-QC/FLD/RPO
82.7	23.09	—	NA	44	
66.2	24.66	—	NA	46	
80.0	25.15	—	NA	38	
78.5	25.94	—	NA	44	
90.0	27.26	—	NA	46	
99.6	28.34	—	NA	42	
97.1	22.91	—	NA	40	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrite-Nitrogen NO2-N (mg/L)
[redacted]			
1.21	9	0.36	0.058
1.00	3	0.12	0.032
[redacted]			
1.00	5	<0.19	0.037
0.59	2	0.38	0.035
1.90	2	0.42	0.055
0.59	2	0.49	0.076
1.54	5	0.68	0.078
1.41	6	0.92	0.088
2.01	2	0.44	0.101
0.80	3	0.42	0.089
0.96	2	0.57	0.062
2.39	<2	<0.19	0.073
2.10	<2	1.34	0.079
2.25	4	<0.19	0.081
3.33	<2	<0.19	0.096
1.77	7	0.32	0.090
1.62	4	0.34	0.119
2.43	2	<0.19	0.126
1.74	3	<0.19	0.121
2.58	8	<0.19	0.074
0.34	<2	<0.19	0.125
1.56	<2	<0.19	0.125
1.39	<2	<0.19	0.101
1.00	<2	<0.19	0.094
1.09	4	<0.19	0.086
1.23	<2	<0.19	0.088
1.36	4	0.70	0.107
1.32	7	<0.19	0.100
1.54	4	0.30	0.070
[redacted]			
1.27	12	<0.19	0.044
0.85	<2	<0.19	0.033
1.33	18	<0.19	0.048
1.82	—	0.17	0.070
1.28	<2	<0.19	0.060
1.50	5	0.60	0.073
1.27	<2	0.28	0.121
1.96	<2	<0.27	0.088
1.54	<2	<0.27	0.099
1.44	<2	<0.27	0.098
1.65	<2	<0.27	0.126
1.95	3	<0.27	0.093
1.28	6	<0.27	0.077
1.67	3	<0.27	0.077
1.56	<2	<0.27	0.132

1.42	<2	<0.27	0.173
1.11	<2	<0.27	0.116
1.27	<2	<0.27	0.139
1.59	<2	<0.27	0.190
1.60	5	<0.27	0.111
1.01	<2	<0.27	0.070
1.15	<2	<0.27	0.040
[redacted]			
1.69	4	<0.27	0.06
1.42	<2	<0.27	0.036
1.20	3	<0.27	0.038
1.95	7	<0.295	0.056
—	5	<0.295	0.067
2.37	<2	<0.295	0.093
1.80	—	<0.295	0.074
1.96	7	<0.295	0.074
1.38	7	<0.295	0.058
<1.00	6	<0.295	0.088
1.05	—	<0.295	0.054
1.27	—	<0.295	0.068
1.07	<2	<0.295	0.065
1.74	—	<0.295	0.070
1.71	<2	<0.295	0.057
2.14	—	<0.295	0.134
<1.00	—	<0.295	0.144
1.14	—	<0.295	0.161
1.42	—	<0.295	0.115
1.22	—	<0.295	0.097
1.01	4	<0.295	0.035
0.74	—	<0.295	0.055
1.12	—	<0.295	0.047
[redacted]			
0.99	—	<0.295	0.052
1.02	<2	<0.295	0.040
1.67	<2	0.527	0.041
1.32	—	0.759	0.034
0.81	—	0.435	0.025
0.30	<2	0.593	0.142
0.34	<2	0.634	0.159
0.97	<2	0.587	0.175
<0.30	<2	0.775	0.105
[redacted]			
0.39	<2	0.607	0.045
0.67	<2	0.323	0.019
1.71	<2	0.497	0.025
1.10	<2	0.254	0.046
<0.30	<2	0.574	0.064
<0.30	<2	0.493	0.079
<0.30	<2	0.614	0.082

<0.30		<2		0.325		0.090	
0.92		<2		0.447		0.077	
0.47		<2		0.632		0.090	
<0.30		<2		0.149		0.078	
0.49		<2		0.442		0.065	
0.33		<2		0.451		0.086	
<0.30		<2		0.496		0.089	
0.74		<2		0.379		0.069	
0.36		<2		0.647		0.115	
0.30		<2		0.838		0.144	
<0.30		<2		0.522		0.108	
<0.30		<2		0.589		0.086	
0.62		<2		—		0.088	
[redacted]							
1.56	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.810	J-QC/FSL	0.046	
0.85	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.876	J-QC/FSL/FMS	0.043	J-QC/FFB
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	<2	K	1.14		0.047	J-QC/FFB
1.34	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.684		0.043	
0.74	BJ-QC/FBK/FFBFLS	<2	K	0.678		0.066	
0.36	BJ-QC/FBK/FFBFLS	<2	K	0.705	J-QC/FMS	0.077	J-QC/FFB
2.14	J-QC/FLS	<2	K	0.694	J-QC/FMS	0.101	
1.08	J-QC/FFD/RPOFLS	<2	KJ-QC/FLS	<0.018	K	0.073	
1.77	BJ-QC/FBK/FFB	—	NAPQNS	0.240		0.097	
<0.30	KBJ-QC/FBK/FFBFFDRPO	<2	K	0.285		0.060	
0.43	BJ-QC/FBK/FFDFLDRPO	<2	KJ-QC/FLS	0.376		0.056	
<0.30	KJ-QC/FFB/FFDRPO	4		0.259		0.058	
0.48	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	<0.018	K	0.065	
0.62	J-QC/FLD/RPOFLS	<2	KJ-QC/FLS	0.285		0.071	
<0.30	KBJ-QC/FBK/FFDFLDRPOFLS	<2	K	0.066		0.052	
0.57	BJ-QC/FBK/FFBFFDRPOFLS	—	NAP	0.351	J-QC/FMS	0.070	
1.10	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.432		0.079	
0.63	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.443		0.063	J-QC/FFB
0.93	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.493		0.120	
0.62	BJ-QCJ-HT/FBK/FFDRPOFLSEHT	<2	K	0.498		0.097	
<1.00	KJ-QC/FFD/RPOFLS	<2	KJ-QC/FFB	0.656		0.091	
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	0.351	J-QC/FMS	0.076	J-QC/FFB
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.437		0.084	
0.52	BJ-QC/FBK/FFBFLS	<2	K	0.289		0.074	
[redacted]							
1.34	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.160		0.0266	
0.55	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FFB	0.493		0.0292	
0.65	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.428		0.0421	
0.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.347		0.0665	
0.56	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.609		0.0869	
0.75	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.755	J-QC/FFD/RPO	0.0770	J-QC/FFB
0.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.508		0.0688	
0.72	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	1.77		0.0991	
0.70	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.116		0.0741	
0.64	BJ-QC/FBK/FFBFLS	<2	K	0.458		0.0801	
0.69	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.503	J-QC/FMS	0.0713	

0.46	BJ-QC/FBK/FFBFLS	<2	K	0.614		0.0728	
0.65	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0804	
0.51	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0568	
0.58	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.561		0.0959	
0.57	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.561		0.1183	
0.55	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.456		0.1279	
0.53	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.435		0.0824	
0.69	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.372		0.0689	
0.72	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.597		0.0760	
0.72	BJ-QC/FBK/FFBFLS	<2	K	0.629		0.1215	
0.53	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.383		0.0921	
1.05	BJ-QC/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.463		0.0466	
1.64	BJ-QC/FBK/FFB	<2	K	0.533		0.0510	
[redacted]							
0.68	BJ-QC/FBK/FFBFLS	<2	K	0.533		0.0578	
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.166		0.0524	J-QC/FFB
1.72	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.293		0.0205	
0.59	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.424	J-QC/FMS	0.0263	J-QC/FFB
1.99	BJ-QC/FBK/FFB	<2	K	0.044		0.0334	
0.45	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.348		0.0277	
0.64	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB/FFDRPOFLS	0.533		0.0678	
1.46	BJ-QC/FBK/FFBFLS	<2	K	0.403		0.0551	
1.14	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.457		0.0423	
0.38	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.425		0.0370	
0.63	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.572		0.0577	J-QC/FFB
0.77	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.512	J-QC/FMS	0.0478	J-QC/FFB
1.98	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.096	J-QC/FFD/RPO	0.0678	J-QC/FFB
1.51	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.218		0.0284	J-QC/FFB
0.63	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	<0.0293	K	0.0435	
<0.30	KB-JQC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0293	K	0.0737	
0.64	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.495	J-QC/FFB	0.0647	
0.50	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.272	J-QC/FFD/RPO	0.0483	J-QC/FFB
1.90	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.430		0.0691	
1.29	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.535		0.0534	J-QC/FFB
0.80	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.530		0.0723	J-QC/FFB
1.77	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.448		0.0483	
1.35	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.226	J-QC/FFB	0.0465	J-QC/FFB
0.88	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.031	J-R	0.0573	J-QC/FFB
[redacted]							
0.74	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.431		0.0433	J-QC/FFB
0.61	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPOFLS	1.699	J-QC/FMS	0.0460	J-QC/FFB
1.91	BJ-QC/FBK/FFB	<2	K	0.736	J-QC/FSL/FMS	0.0441	
0.63	BJ-QC/FBK/FFB	<2	K	0.628		0.0610	J-QC/FFB
0.63	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.654		0.0723	J-QC/FFB
0.57	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.680	J-QC/FMS	0.0814	J-QC/FFB
1.17	BJ-QC/FBK/FFB	<2	K	0.575		0.0690	J-QC/FFB
1.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.434		0.0705	J-QC/FFB
0.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.408	J-QC/FMS	0.0596	J-QC/FFB
0.97	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.622		0.0646	J-QC/FFB
0.80	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.560	J-QC/FMS	0.0653	J-QC/FFB

0.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.382	J-QC/FMS	0.0468	J-QC/FFB
0.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB/FFDRPO	0.628	J-QC/FMS	0.0525	
0.53	BJ-QC/FBK/FFBFLS	<2	K	0.322	J-QC/FMS	0.0454	
0.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.760	J-QC/FMS	0.0943	
0.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.533		0.0754	
1.80	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.665		0.0756	J-QC/FFB
0.32	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.533		0.1614	
0.42	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.486	J-QC/FMS	0.2027	
0.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.470		0.2224	
0.43	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.692		0.1356	
0.47	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.743		0.1268	
—	NA	—	NRP	0.537	J-QC/FMS	0.0636	
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.463	J-QC/FLD/RPOFMS	0.0825	J-QC/FFB
[redacted]							
—	NA	<2	KJ-QC/FMS	0.504		0.0470	J-QC/FFB
—	NA	<2	KJ-QC/FMS	0.508	J-QC	0.0306	J-QC/FFB
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.593	J-QC/FSL/FMS	0.0549	[redacted]
—	NA	<2	KJ-QC/FMS	0.456		0.0309	J-QC/FFB
—	NA	<2	KJ-QC/FMS	0.880		0.0595	J-QC/FFB
—	NA	<2	KJ-QC/FMS	0.715	J-QC/FMS	0.0874	J-QCJ-HT/FFB/EHT
0.47	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.619	J-QC/FMS	0.0510	J-QC/FFB
1.07	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.670	J-QC	0.0603	J-QCJ-HT/EHT
0.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.721	J-QC/FSL/FMS	0.0842	[redacted]
0.81	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.806	J-QC/FSL/FMS	0.0631	
1.74	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.511		0.0443	J-QC/FFB/FLS
1.31	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.265	J-QC/LLS/FMS	0.0388	[redacted]
0.62	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.341	J-QC/LLS/FMS	0.0411	J-QC/FFB
0.81	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.253	J/LLS	0.0368	[redacted]
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	0.518		0.0698	J-QC/FFB/FLS
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.356	J-QC/LLS/FMS	0.0511	J-QC/FFB
0.50	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.500		0.0648	J-QC/FFB
<0.30	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEH	<2	KJ-QC/FMS	0.609	J-QC/FMS	0.0668	J-QC/FFB
0.52	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.657		0.0792	[redacted]
0.46	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.717		0.0526	J-QCJ-HT/FFB/EHT
0.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.759		0.0714	[redacted]
0.33	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.675		0.0664	[redacted]
0.37	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	0.681		0.0855	J-QC/FFB
0.43	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.494		0.0888	[redacted]
0.63	BJ-QC/FBK/FFBFLS	<2	K	0.816		0.0810	
0.66	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.435	J-QC/FFD/RPO	0.0674	J-QC/FFB
[redacted]							
0.80	BJ-QC/FBK/FFBFMS	<2	K	0.419	J-QC/FFB	0.0424	
1.67	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.910		0.0478	J-QC/FFB
0.71	BJ-QC/FBK/FFBFMS	<2	K	0.197	J/LLS	0.0517	J-QC/FFB
0.78	BJ-QC/FBK/FFB	<2	K	0.466	J-QC/FFB	0.0377	J-QC/FFB/FFDRPC
1.42	BJ-QC/FBK/FFB	<2	KJ-QC	0.449	J-QC/FFB	0.0356	J-QC/FFB
0.79	BJ-QC/FBK/FFBFMS	<2	K	0.267	J/LLS	0.0326	
0.57	BJ-QC/FBK/FFB	<2	K	0.301	J/LLS	0.0440	
0.68	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.744		0.0530	J-QC/FFB
0.86	BJ-QC/FBK/FFBFMS	<2	K	0.574	J-QC/FFB	0.0631	J-QC/FFB

0.62	BJ-QC/FBK/FFBFMS	<2	K	0.669		0.0553	J-QC/FFB
0.92	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	—	NRP/LBF	0.0602	J-QC/FFB
0.77	BJ-QCJ-HT/FBK/FFB	<2	K	0.524	J-QC/FFB	0.0463	J-QC/FFB
0.91	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.201	J/LLS	0.0451	J-QC/FFB
0.73	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.753	J-QC/FSL	0.0561	J-HT/EHT
0.60	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.909	J-QC/FFD/RPO	0.0513	J-QC/FFB
1.08	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	0.424	J-QC/FFD/RPO	0.0394	J-QCJ-HT/FFB
0.61	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.518	QC/FLD/RPOFSLFI	0.0733	
0.61	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.541		0.0588	J-QC/FFB
0.39	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.362	J-QC/LLS/FFDRPC	0.0946	
0.34	BJ-QC/FBK/FFBFMS	<2	K	0.424		0.0775	J-QC/FFB
0.68	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.346	J/LLS	0.0855	
0.79	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.520		0.0966	
0.66	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.396	J-QC/LLS/FSL	0.0975	J-QC/FFB
0.73	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.464	J-QC/FMS	0.1092	J-QC/FFB
0.49	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.391	J/LLS	0.0731	
0.67	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.509		0.0737	J-QC/FFB

Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)	DOC (mg/L)
0.70	0.226	0.20	–	2.4
0.78	0.210	0.11	–	4.2
0.85	0.171	0.14	–	1.4
0.66	0.127	0.13	–	8.9
0.67	0.198	0.20	–	<0.5
0.60	0.193	0.20	–	4.0
0.67	0.284	0.26	–	4.2
0.72	0.183	0.18	–	2.3
0.73	0.229	0.22	–	5.4
0.62	0.202	0.19	–	1.2
0.37	0.221	0.13	–	0.6
2.78	0.188	0.20	–	28.9
0.57	0.278	0.28	–	<0.5
0.52	0.216	0.25	–	6.6
0.56	0.238	0.25	–	3.9
0.71	0.282	0.30	–	<0.5
0.67	0.261	0.24	–	3.7
0.70	0.222	0.22	–	5.3
0.78	0.285	0.32	–	2.9
1.13	0.248	0.22	–	4.0
0.68	0.289	0.28	–	3.8
0.68	0.264	0.36	–	5.3
0.82	0.197	0.30	–	6.2
0.70	0.262	0.43	–	0.5
0.61	0.252	0.27	–	<0.5
0.57	0.405	0.15	–	7.9
0.73	0.231	0.23	–	5.2
1.00	0.271	0.18	–	4.4
0.86	0.216	0.20	–	4.5
0.64	0.168	0.14	–	1.3
0.50	0.122	0.25	–	<0.5
0.57	0.151	0.15	–	<0.5
1.05	0.202	0.18	–	0.7
0.49	0.146	0.14	–	<0.5
0.75	0.447	0.21	–	<0.5
1.29	0.187	0.21	–	<0.5
0.68	0.191	0.19	–	<0.5
0.80	0.241	0.24	–	<0.5
0.55	0.252	0.24	–	3.1
0.82	0.267	0.29	–	1.6
0.61	0.299	0.27	–	2.9
0.53	0.273	0.26	–	2.7
0.60	0.333	0.34	–	3.8
0.75	0.344	0.33	–	3.5

0.83	0.258	0.29	—	0.9
0.72	0.191	0.24	—	2.3
0.73	0.290	0.29	—	2.8
1.08	0.320	0.35	—	2.7
0.87	0.358	0.25	—	3.3
0.59	0.171	0.20	—	4.2
0.68	0.140	0.17	—	6.4
0.86	0.20	0.17	—	6.4
0.54	0.193	0.30	—	5.7
0.54	0.158	0.09	—	2.8
0.68	0.158	0.16	—	4.4
0.72	0.152	0.19	—	4.1
0.87	0.174	0.19	—	9.2
0.65	0.184	—	—	—
0.36	0.118	0.24	—	2.4
0.35	0.118	0.27	—	1.8
0.74	0.166	0.22	—	1.5
0.61	0.214	—	—	—
0.58	0.216	—	—	—
0.57	0.182	0.18	—	5.4
0.43	0.167	—	—	—
0.46	0.228	0.25	—	5.4
0.59	0.228	0.27	—	6.0
0.86	0.247	—	—	—
0.78	0.354	—	—	—
0.64	0.173	—	—	—
0.84	0.197	—	—	—
0.72	0.220	0.23	—	6.0
0.61	0.244	0.13	—	2.1
1.04	0.164	—	—	—
1.22	0.135	0.07	—	1.6
0.650	0.101	0.15	—	1.5
0.570	0.163	0.14	—	2.3
0.565	0.133	0.07	—	1.3
0.300	0.119	0.08	—	1.2
1.14	0.257	0.22	—	1.7
1.33	0.31	0.22	—	4.3
1.03	0.22	0.24	—	5.3
0.788	0.24	0.20	—	6.0
0.762	0.20	0.17	—	2.1
—	0.08	0.06	—	3.4
0.644	0.08	0.09	—	3.1
1.91	0.14	0.14	—	3.9
0.645	0.17	0.15	—	6.9
0.728	0.18	0.18	—	4.2
0.730	0.25	0.18	—	4.3

0.648		0.20		0.21		—	4.4
1.15		0.23		0.21		—	4.9
1.90		0.29		0.23		—	5.9
2.28		0.23		0.22		—	5.0
0.634		0.20		0.18		—	2.9
0.956		0.22		0.24		—	3.1
0.648		0.21		0.22		—	3.1
0.523		0.20		0.19		—	3.1
0.818		0.27		0.22		—	2.8
1.33		0.01		<0.01		—	<0.5
1.66		0.17		0.17		—	2.8
0.880		0.19		0.17		—	22.6
1.20		0.17		0.14		—	3.1
[redacted]							
1.07	J-QC/FFD/RPO	0.12	J-QC/FFB	0.12		—	4.1
0.651		0.11		0.13		—	4.2
0.974	J-QC/FLS	0.13		0.13		—	5.3
0.653		0.12		0.12		—	4.4
1.05	J-QC/FFD/RPO	0.17		0.13		—	4.6
0.625		0.13		0.13		—	5.6
0.651		0.19		0.17		—	6.5
0.582		0.17	J-QC/FFD/RPO	0.14		—	11.8
1.05		0.22		0.16		—	—
0.402		0.15		0.14		—	4.4
2.66	J-QC/FFB	0.16		0.15		—	3.8
0.435	J-QC/FFB	0.26		0.17		—	4.5
0.479	J-QC/FFB	0.17		0.18		—	4.4
0.468		0.23		0.21		—	3.8
1.62		0.26	J-QC/FFB	0.17		—	5.5
0.517		0.21		0.22		—	4.6
0.735		0.20	J-QC/FFD/RPO	0.19		—	4.8
0.552		0.21		0.21		—	4.4
0.750	J-QC/FFB	0.27		0.23		—	4.3
0.559	J-QC/FFB	0.38	J-QC/FFB	0.23		—	4.0
1.08	J-QC/FFB	0.22		0.18		—	3.9
0.760		0.16		0.16		—	3.6
0.760		0.19		0.17		—	3.9
0.793		0.17		0.15		—	4.3
[redacted]							
0.513		0.15		0.09		—	NA 5.00
0.310		0.11		0.10		—	NA 3.95
0.345		0.11	J-QC/FLD/RPO	0.09		—	NA 4.05
0.428		0.15		0.14		—	NA 3.60
0.709		0.19		0.11	J-QC/FLS	—	NA 4.38
0.579		0.21	J-QC/FFB/FFDRPO	0.18	J-QC/FFD/RPO	—	NA 3.84
0.266		0.20		0.18		—	NA 3.83
0.468		0.38		0.36		—	NA 4.24
0.596		0.23		0.21		—	NA 3.84
0.518		0.17		0.18		—	NA 4.00
0.431		0.27		0.23		—	NA 3.40

0.410		0.26		0.24		—	NA	3.40
0.834		0.27		0.25	J-QC/FLD/RPOFLS	—	NA	3.40
0.332		0.20	J-QC/FLD/RPOFLS	0.18		—	NA	2.90
0.519		0.26		0.24		—	NA	4.10
0.473		0.28		0.25		—	NA	3.90
1.12		0.31		0.28		—	NA	3.70
0.640		0.22		0.18		—	NA	3.40
0.711		0.20		0.17		—	NA	3.50
0.563		0.25		0.22		—	NA	3.50
0.646		0.27	J-QC/FLS	0.24		—	NA	3.50
0.683		0.32		0.22		—	NA	2.60
0.566		0.15		0.14		—	NA	3.70
0.752		0.15		0.14		—	NA	4.50
[redacted]								
0.7540		0.15		0.13		—	NA	4.1
0.7940		0.12		0.08		—	NA	4.2
0.4820	J-QC/FFD/RPO	0.10		0.09		—	NA	4.6
0.3676	J-QC/FFB/FFDRPOFLS	0.10		0.08		—	NA	2.6
0.4054		0.12		0.10		—	NA	3.8
0.3651		0.10		0.09		—	NA	2.9
0.4860		0.16		0.15		—	NA	3.0
0.5968	J-QC/FFB/FFDRPOFLS	0.11		0.10		—	NA	3.6
0.3500	J-QC/FLS	0.14		0.12		—	NA	3.1
0.3906		0.12		0.10		—	NA	2.7
0.5627		0.13		0.11		—	NA	2.6
0.4168	J-QC/FFB/FLS	—	A/LBF	0.13		—	NA	2.9
0.4500		0.15	J-QC/FLD/RPOFLS	0.13	J-QC/FLS	—	NA	2.9
0.4067		0.16	J-QC/FLD/RPO	0.14		—	NA	3.7
0.1287	J-QC/FFB	0.17		0.16		—	NA	3.4
0.4463		0.22		0.20		—	NA	3.6
0.4775		0.21		—	A/LBF	—	NA	3.2
0.4887		0.17		0.15		—	NA	3.7
0.3741		0.14		0.12		—	NA	5.0
0.3970		0.14		0.11		—	NA	4.2
0.5727		0.18		0.21		—	NA	4.1
0.7111		0.17		0.18	J-QC/FFD/RPO	—	NA	3.4
0.6068		0.14		0.11		—	NA	3.0
0.5879		0.12		0.11		—	NA	4.2
[redacted]								
0.5914		0.12		0.10		—	NA	2.8
0.5600		0.13		0.12		—	NA	2.9
0.9686		0.13		0.11		—	NA	3.4
0.8100		0.16		0.13		—	NA	1.8
0.6634		0.18		0.13		—	NA	2.6
0.8434		0.18		0.15		—	NA	2.8
0.6748	J-QC/FFB	—	C	0.13		—	NA	2.2
0.8051	J-QC/FLS	0.18		0.13		—	NA	2.1
1.1722		0.17		0.12		—	NA	2.3
0.6238		0.29	J-QC/FFB	0.13		—	NA	2.5
0.4926		0.16		0.15		—	NA	2.2

0.5991	J-QC/FLS	0.15		0.13		—	NA	2.3
0.5516		0.19		0.18		—	NA	2.7
0.5014	J-QC/FLS	—	A/LBF	0.15		—	NA	3.9
0.9549	J-QC/FFB	0.26		0.23		—	NA	3.7
0.8645		0.21		0.20		—	NA	1.9
0.6117	J-QC/FLS	0.23		0.22		—	NA	2.4
0.6187	J-QC/FLS	0.26	J-QC/FLS	0.22		—	NA	1.2
0.7082		0.19	J-QC/FLD/RPO	0.19		—	NA	1.8
0.9197		0.23		0.23		—	NA	1.8
0.8163		0.23		0.21		—	NA	1.8
0.9866	J-HT/EHT	0.25		0.24		—	NA	2.7
0.5888	J-QCJ-HT/FLS/EHT	0.17		0.15		—	NA	3.8
1.3174		0.19		0.18		—	NA	3.0
[redacted]								
0.5209	J-QC/FFD/RPO	0.16	J-QC	0.14	J-QC/FFD/RPO	—	NA	2.53
0.6271	J-QC/FFB	0.12	J-QC	0.11	J-QC	—	NA	3.75
0.5507	[redacted]	0.16	[redacted]	0.12	[redacted]	—	NA	3.33
1.3460	J-HT/EHT	0.10		0.09		—	NA	2.7
0.7859	J-QC/FFB/FFDRPO	0.17	J-QC	0.15		—	NA	3.0
0.7741	J-QCJ-HT/FFB/EHT	0.18	J-QC/FLD/RPOFMS	0.15		—	NA	3.5
0.4916	[redacted]	0.16	[redacted]	0.13	J-QC/FLD/RPO	—	NA	3.1
0.5111	J-QC	0.16	J-QC	0.17	J-QC	—	NA	5.6
0.5026	[redacted]	0.20	J-QC	0.18	J-QC	—	NA	5.2
0.5470		0.16	J-QC	0.15	J-QC	—	NA	3.5
1.1260	J-QC/FFD/RPOFLS	0.12	[redacted]	0.14	J-QC	—	NA	6.3
0.4758	J-QC/FLS	0.18	J-QC/FLD/RPOFSL	0.14	[redacted]	—	NA	4.7
0.5906	[redacted]	0.14	[redacted]	0.13		—	NA	3.6
0.2772	J-QC/FFB/FLS	0.15	J-QC/FFD/RPO	0.13	J-QC/FLD/RPO	—	NA	13.8
0.5444	[redacted]	0.21	J-QC	0.20	[redacted]	—	NA	4.0
0.6333		0.20	J-QC	0.16	J-QC	—	NA	3.3
0.7788		0.18	J-QC/FLD/RPO	0.19	[redacted]	—	NA	3.1
0.6774	J-QC/FFD/RPO	0.20	[redacted]	0.20		—	NA	4.1
0.7870	J-QC/FFB	0.26	J-QC	0.21	J-QC	—	NA	7.7
0.5405	[redacted]	0.19	J-QC/FMS	0.17	[redacted]	—	NA	3.6
0.4922		0.19	[redacted]	0.18		—	NA	1.9
0.5423	J-QC/FFB	0.20	[redacted]	0.18	[redacted]	—	NA	2.0
0.7316	J-QC/FLS	0.22		0.20		—	NA	1.9
0.8437	[redacted]	0.25	J-QC/FFB	0.12	J-QC/FFD/RPO	—	NA	3.53
0.5800	J-QC/FFB	0.20	J-QC/FFD/RPO	0.17	[redacted]	—	NA	4.12
0.8434	J-HT/EHT	0.17	I-QC/FFB/FFDFLDRPC	0.14		—	NA	3.64
[redacted]								
0.5488		0.11		0.10		—	NA	2.4
0.5209		0.12		0.11		—	NA	2.0
0.6024		0.13		0.14		—	NA	4.6
0.5155		0.13	J-QC/FFB/FLDRPO	0.08		—	NA	3.0
0.4188		0.13	J-QC/FMS	0.12		—	NA	4.2
0.4366		0.11	J-QC/FFB	0.09		—	NA	3.2
0.5143		0.12		0.10		—	NA	5.0
0.3639		0.11		0.11		—	NA	3.5
0.4395	J-HT	0.11	J-QC/FMS	0.11		—	NA	3.5

0.6054		0.15	J-QC/FLD/RPO	0.14		—	NA	3.2
0.4576		0.14		0.15		—	NA	3.7
0.4570		0.14	J-QC/FMS	0.13	J-QC/FFB	—	NA	2.5
0.4206	J-QC	0.16	-QC/FFB/FLDRPOFMS	0.13		—	NA	0.4
0.4869		0.20	J-QC/FFB	0.17		—	NA	0.7
0.6626		0.18		0.16	J-QC/FMS	—	NA	1.6
0.3744		0.15		0.13		—	NA	1.3
0.6822		0.17	J-QC	0.18		—	NA	2.4
0.5150	J-HT	0.21		0.15	J-QC/FFB	—	NA	1.7
0.8731		0.24		0.22		—	NA	3.6
0.6625		0.21	J-QC/FMS	0.19		—	NA	1.9
0.7347		0.22	J-QC/FFB/FMS	0.18		—	NA	2.2
0.5970	J-QC	0.25		0.20		—	NA	2.9
0.5864		0.24		0.20		—	NA	2.8
0.7424	J-QC	0.24		0.20		—	NA	2.0
0.6800		0.22	J-QC/FFB	0.17		—	NA	3.2
0.7975		0.20		0.16	J-QC	—	NA	2.6

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
	0.00	0.00
	0.00	0.36
	0.00	0.00
	0.00	0.00
	0.00	0.05
	0.04	0.04
	0.01	0.10
	0.29	0.47
	0.27	0.53
	0.00	0.00
	0.00	0.31
	0.00	0.00
	0.00	0.00
	0.00	0.57
	0.00	0.00
	0.09	0.94
	0.00	0.02
	0.39	0.39
	0.00	0.00
	0.00	0.00
	0.00	0.10
	0.00	0.00
	0.00	0.00
	0.53	2.80
	0.04	0.04
	0.00	0.00
	0.78	0.78
	0.01	0.04
	0.00	0.66
	0.00	0.01
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.66	0.66
	0.46	0.50
	0.95	1.78
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00

0.00	0.00	[redacted]
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.03	0.03	
0.00	0.00	
0.00	0.00	
[redacted]		
0.04	0.04	
0.00	0.11	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.22	0.22	
0.00	0.00	
0.00	0.00	
0.12	0.13	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.57	1.19	
0.02	0.37	
0.00	0.00	
0.00	0.00	
0.00	0.01	
0.01	1.12	
0.04	0.23	
0.20	0.20	
[redacted]		
0.00	0.00	
0.00	0.00	
0.00	0.25	
0.17	0.27	
0.00	0.32	
1.09	1.14	
0.00	0.00	
0.00	0.00	
0.01	1.37	
[redacted]		
0.01	0.01	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.12	0.98	
0.28	0.28	

	0.00	0.00
	0.00	0.03
	0.00	0.00
	0.18	0.18
	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.71	0.71
	0.00	0.00
	0.00	0.00
	0.01	0.01
	0.65	0.65
	0.00	0.12
[redacted]		
	0.00	1.25
	0.00	0.00
J-QC/FFB	0.00	0.00
	0.32	0.32
	0.34	0.88
	0.00	0.00
	0.43	0.68
J-QC/FFD/RPO	2.01	2.01
NAPEFAI/EQF	0.00	0.00
J-QC/FFB	0.00	0.08
	0.00	0.00
J-QC/FFB	1.44	1.44
	3.33	3.33
J-QC/FFB/FSL	0.00	0.00
	0.04	0.04
	0.00	1.13
J-QC/FFB	0.00	0.01
J-QC/FFB	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	0.04	0.04
J-QC/FFB	0.00	0.17
J-QC/FFB	0.00	0.00
J-QC/FFB	0.00	0.00
[redacted]		
J-QC/FFB/FFDRPO	0.00	0.00
	0.00	0.00
	0.00	0.00
J-QC/FFB	1.43	1.43
	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	0.02	1.13
J-QC/FFB	0.00	0.00
J-QC/FFB	0.00	0.43
J-QC/FFD/RPO	0.00	0.00
J-QC/FFB	1.09	1.09

	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	0.01	0.01
BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	0.71	0.73
J-QC/FFB	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	0.09	0.09
J-QC/FFB	0.16	1.21
	0.27	0.28
	0.50	0.50
	0.00	0.00
[redacted]		
	0.00	0.00
J-QC/FFB	0.10	0.10
	0.00	0.00
J-QC/FFB	0.67	0.71
BJ-QC/FBK/FFB	0.57	0.57
J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	2.39	3.03
BJ-QC/FBK/FFDRPO	0.03	0.03
J-QC/FFB	0.00	0.00
	0.12	0.12
J-QC/FFB	0.08	0.08
J-QC/FFB/FFDRPO	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	0.00	0.00
J-QC/FFB	0.69	0.69
J-QC/FFB	0.00	0.00
J-QC/FFB	0.00	0.70
J-QC/FFB	0.00	0.00
J-QC/FFB	0.00	0.00
BJ-QC/FBK/FFB	0.07	0.07
	0.00	0.00
	0.00	0.00
	0.00	0.00
[redacted]		
	1.48	1.62
J-QC/FFB	0.01	0.03
BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFB	0.30	2.82
J-QC/FFB	0.91	1.11
J-QC/FFB	0.03	0.03
J-QC/FFB	0.18	0.91
J-QC/FFB	0.20	2.14
J-QC/FFB	1.36	1.37
BJ-QC/FBK/FFB	1.12	1.12
	0.00	0.00

J-QC/FFB/FFDRPO	0.00	0.00
BJ-QC/FBK/FFBFLDRPO	0.00	0.02
J-QC/FFB	0.39	0.39
	0.00	0.23
J-QC/FFB	0.00	0.29
J-QC/FFD/RPO	0.00	0.00
	0.00	0.11
	0.00	0.00
	1.00	1.00
	0.00	0.00
J-QC/FFB	0.00	0.35
BJ-QC/FBK/FFB	0.00	0.46
J-QC/FFB/FFDRPO	0.02	0.05
[redacted]		
J-QC/FFB	0.54	0.54
BJ-QC/FBK/FFB	0.02	0.02
J-QC/FFB	0.00	0.68
J-QC	0.00	0.00
J-QC/FFD/RPO	0.00	0.00
J-QC	1.46	2.61
J-QC/FFB/FFDRPOFMS	0.00	0.00
J-QC	0.00	0.00
J-QC	0.00	0.00
	3.71	3.89
J-QC	0.00	0.00
B/FBK	0.02	1.47
J-QC/FLD/RPO	0.00	0.00
	0.00	0.00
J-QC/FFB/FFDRPO	0.00	0.57
J-QC/FFB	0.88	0.88
J-QC	0.00	0.00
J-QC	1.01	1.41
J-QC/FSL	0.49	0.49
	0.85	0.86
	0.00	0.00
J-QC	0.04	0.04
J-QC/FLD/RPOFSL	0.00	0.48
J-QC	0.00	0.00
J-QC/FFD/RPOFSL	0.00	0.19
J-QC/FFD/RPO	0.00	0.00
[redacted]		
J-QC/FMS	0.00	0.14
J-QC/FFB/FMS	0.00	0.95
J-QC/FFB	0.00	0.00
	0.67	0.78
B/FBK	1.02	1.06
B/FBK	0.00	0.00
	0.00	0.00
J-QC/FMS	0.78	0.78
J-QC/FMS	0.03	0.03

J-QC/FLD/RPO	0.00	0.00
J-QC/FFB	0.20	0.22
J-QC/FMS	1.20	1.20
J-R/LLS	0.00	0.00
	0.73	1.48
J-QC/FMS	0.28	0.36
	0.00	0.07
3J-QC/FBK/FFBFLDRPOFMS	0.09	0.09
	0.00	0.00
	0.00	0.00
J-QC/FFD/RPO	0.00	0.00
	0.00	0.00
J-QC/FFB/FFDRPO	0.00	0.00
	0.00	0.00
J-QC/FFD/RPO	0.01	0.01
J-QC/FLD/RPO	1.86	1.88
	0.08	0.18

Station #24 Upper Arthur Kill	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 10, 2003	10:00	6.40	5.1	11.02
December 18, 2003	11:50	6.40	5.0	7.45
2004				
February 26, 2004	01:05	8.13	3.3	11.22
April 6, 2004	09:30	7.73	7.1	9.85
April 21, 2004	09:45	7.67	11.6	9.28
May 5, 2004	09:40	7.53	13.6	7.19
May 20, 2004	10:10	7.40	18.6	5.14
May 27, 2004	10:35	7.25	20.3	5.06
June 1, 2004	—	7.35	—	—
June 16, 2004	09:45	7.29	22.0	5.20
June 23, 2004	09:45	7.68	22.2	8.63
July 1, 2004	09:55	7.47	21.9	—
July 7, 2004	09:50	7.49	23.8	—
July 14, 2004	10:00	7.46	22.7	4.20
July 21, 2004	11:30	7.41	25.0	3.40
July 28, 2004	10:15	7.08	23.0	4.72
August 4, 2004	10:05	7.19	26.11	3.57
August 11, 2004	09:40	7.49	24.04	5.56
August 18, 2004	10:21	7.28	24.14	3.89
August 25, 2004	09:51	7.41	24.33	5.70
September 1, 2004	09:50	7.47	25.37	5.23
September 15, 2004	10:25	7.46	23.27	5.10
September 22, 2004	09:49	7.49	21.95	5.71
September 29, 2004	10:15	7.27	20.95	6.44
October 14, 2004	10:05	—	17.90	5.60
October 21, 2004	11:30	—	15.1	6.38
November 4, 2004	11:10	7.50	13.7	6.93
November 22, 2004	09:36	7.48	11.06	7.50
December 2, 2004	11:00	7.39	9.89	8.61
2005				
February 24, 2005	10:15	—	3.39	11.63
April 13, 2005	11:10	—	10.46	15.03
May 4, 2005	10:28	7.48	12.47	9.07
May 11, 2005	09:54	7.19	14.02	9.34
May 16, 2005	—	—	—	—
May 19, 2005	11:04	7.58	15.54	8.21
May 31, 2005	11:39	7.30	17.34	6.05
June 8, 2005	09:55	7.18	20.54	5.09
June 15, 2005	10:20	7.35	22.82	6.22
June 22, 2005	11:37	7.23	21.97	4.98
June 29, 2005	10:51	7.20	24.81	5.20
July 6, 2005	11:09	7.22	25.18	4.03
August 3, 2005	11:12	6.86	27.04	4.42
August 11, 2005	—	—	—	—
August 17, 2005	09:58	7.27	26.49	3.89

August 25, 2005	10:03	—	25.89	4.30
September 8, 2005	—	—	—	—
September 15, 2005	10:37	7.37	25.42	4.67
September 22, 2005	10:03	7.22	25.26	3.80
October 6, 2005	10:09	7.25	21.96	5.80
October 18, 2005	10:53	—	16.94	8.46
December 21, 2005	10:06	6.81	5.20	15.50
2006				
January 5, 2006	10:24	7.19	5.48	17.40
February 1, 2006	09:43	7.61	5.61	13.53
March 30, 2006	10:27	8.32	7.76	15.50
April 18, 2006	09:58	7.76	12.01	11.41
April 27, 2006	10:20	7.38	13.82	10.48
May 2, 2006	10:19	7.18	14.46	10.67
May 11, 2006	10:39	7.44	14.91	8.29
June 15, 2006	10:57	7.49	19.41	8.85
June 19, 2006	10:38	7.28	20.98	9.04
June 26, 2006	10:51	7.22	22.08	6.99
July 11, 2006	10:23	7.22	20.55	5.82
July 20, 2006	09:55	7.26	25.09	5.13
July 24, 2006	10:26	7.17	24.54	4.75
July 31, 2006	11:03	7.35	26.23	5.82
August 9, 2006	09:42	7.68	24.45	5.63
September 7, 2006	09:59	7.22	20.71	5.38
September 11, 2006	10:29	7.39	21.84	5.21
September 18, 2006	10:09	7.19	21.67	6.76
September 25, 2006	10:43	7.52	20.75	6.17
October 18, 2006	10:51	7.35	16.65	6.66
November 14, 2006	11:09	7.68	13.38	7.39
December 13, 2006	10:04	8.01	8.38	9.29
2007				
January 10, 2007	10:51	8.57	7.88	9.41
January 25, 2007	11:43	7.79	5.05	9.57
March 20, 2007	10:27	8.17	4.34	13.58
April 2, 2007	11:07	7.58	7.51	—
May 3, 2007	10:23	7.45	11.91	9.36
Boat engine failure - 5/18/07				
September 11, 2007	09:55	7.29	25.09	5.51
October 3, 2007	10:43	7.23	22.70	4.62
October 30, 2007	10:19	7.10	16.83	5.90
2008				
January 9, 2008	10:26	—	6.12	10.19
February 28, 2008	11:06	—	—	—
March 13, 2008	11:14	7.05	5.45	11.35
April 24, 2008	10:51	7.78	14.56	10.65
May 6, 2008	12:16	7.45	14.77	7.15
June 5, 2008	10:22	7.44	18.00	6.40
June 10, 2008	10:56	7.25	21.44	5.71
July 17, 2008	10:07	7.35	25.03	5.39
July 21, 2008	11:27	7.35	26.19	5.41

July 30, 2008	10:01	7.16		25.62	3.93
August 6, 2008	10:05	7.12		25.91	4.07
August 13, 2008	09:51	7.23		23.62	4.53
August 19, 2008	10:26	7.18		24.52	4.55
August 26, 2008	10:03	7.32		24.17	4.97
September 9, 2008	10:27	7.34		24.51	6.19
September 18, 2008	10:30	—		22.78	4.88
September 24, 2008	10:23	7.33		21.25	5.56
October 9, 2008	10:28	—		18.36	4.93
November 13, 2008	10:08	7.19		12.37	6.40
December 2, 2008	11:09	7.21		8.13	7.36
2009					
January 29, 2009	10:27	7.50		2.28	9.37
February 9, 2009	10:32	7.33		2.47	9.96
March 4, 2009	10:26	7.71		2.79	16.36
April 14, 2009	10:19	7.68		8.64	12.81
May 5, 2009	11:14	7.01		14.23	—
May 20, 2009	11:32	7.47		15.49	—
June 3, 2009	09:59	6.98		18.90	—
June 18, 2009	10:33	7.31		20.17	5.66
June 23, 2009	10:38	7.33		20.08	4.96
July 8, 2009	10:19	7.41		21.69	5.37
July 15, 2009	10:41	—	NAPEFAI/EQF	22.32	6.48
July 21, 2009	10:13	—	NAPEFAI/EQF	22.42	5.73
July 29, 2009	10:26	—	NAPEFAI/EQF	24.84	4.66
August 6, 2009	10:04	—	NAPEFAI/EQF	24.78	4.12
August 12, 2009	10:11	—	NAPEFAI/EQF	24.45	4.51
August 19, 2009	10:07	—	NAPEFAI/EQF	25.66	—
August 25, 2009	09:59	—	NAPEFAI/EQF	26.64	—
September 2, 2009	10:16	—	NAPEFAI/EQF	23.67	—
September 10, 2009	10:40	—	NAPEFAI/EQF	22.64	—
September 16, 2009	10:22	—	NAPEFAI/EQF	21.80	—
September 24, 2009	09:55	—	NAPEFAI/EQF	22.05	—
September 29, 2009	10:48	—	NAPEFAI/EQF	20.29	9.49
October 5, 2009	10:51	—	NAPEFAI/EQF	18.91	6.69
November 24, 2009	10:18	7.68		11.71	8.19
2010					
March 18, 2010	10:50	7.55		6.95	11.68
April 19, 2010	10:12	7.56		10.95	9.61
May 6, 2010	10:48	7.41		15.27	8.96
May 18, 2010	10:16	7.38		14.38	7.68
May 25, 2010	10:08	7.30		17.00	6.93
June 2, 2010	10:04	7.34		20.17	5.64
June 10, 2010	11:03	7.60		20.57	6.36
June 16, 2010	10:47	7.35		21.92	4.68
June 23, 2010	10:28	7.42		23.95	6.05
June 28, 2010	10:04	7.62		24.97	7.59
July 13, 2010	10:03	7.52		26.00	4.65
July 22, 2010	10:06	7.40		27.35	4.83
July 28, 2010	10:17	7.46		26.76	4.77

August 4, 2010	10:04	7.50		25.09	5.21
August 11, 2010	10:20	7.45		25.95	4.44
August 19, 2010	10:24	7.28		26.01	4.14
August 25, 2010	10:37	7.33		24.00	4.21
September 2, 2010	11:09	7.58		25.86	6.31
September 15, 2010	10:25	7.51		22.11	5.87
September 22, 2010	10:23	7.47		21.23	5.95
September 28, 2010	10:20	7.38		21.79	6.21
October 4, 2010	10:23	7.46		19.46	7.41
November 16, 2010	10:12	7.44		11.48	8.72
December 6, 2010	10:15	7.49		7.41	9.70
2011					
January 6, 2011	10:21	7.72		2.78	11.89
February 7, 2011	10:14	7.64		2.24	13.38
March 14, 2011	10:15	7.18		6.16	11.85
April 12, 2011	10:14	7.31		9.56	10.82
May 4, 2011	10:33	7.08		13.43	8.05
May 11, 2011	10:56	7.55		13.82	8.47
May 18, 2011	10:27	7.31		15.13	8.19
May 23, 2011	10:19	7.04		16.77	6.83
June 2, 2011	10:35	7.49		20.54	6.94
June 9, 2011	10:33	7.37		20.84	6.97
June 22, 2011	10:20	7.31		22.90	6.08
June 30, 2011	10:24	7.50		23.56	5.75
July 7, 2011	10:20	7.39		25.12	5.39
July 12, 2011	10:25	7.39		26.02	5.36
July 27, 2011	10:03	7.45		26.01	4.66
August 3, 2011	10:28	7.36		27.03	4.48
August 11, 2011	10:38	7.41		26.48	4.81
August 22, 2011	10:35	7.31		24.63	4.78
September 12, 2011	11:08	7.39		21.86	5.42
September 19, 2011	10:06	7.40		20.37	5.60
September 28, 2011	10:12	7.35		21.16	4.62
October 26, 2011	10:24	7.52		15.74	6.30
November 3, 2011	10:15	7.43		12.41	8.35
December 5, 2011	10:45	7.59		10.97	8.34
2012					
January 12, 2012	10:56	7.87		6.67	10.34
February 9, 2012	11:08	7.83		5.96	10.45
March 8, 2012	10:38	8.00		7.28	12.46
April 23, 2012	10:43	7.62		14.80	8.64
May 3, 2012	10:18	7.42		13.75	4.74
May 8, 2012	10:20	7.39		15.46	7.44
May 16, 2012	10:39	7.41		16.84	6.07
May 21, 2012	10:04	7.48		18.54	7.14
June 4, 2012	10:28	7.65		20.79	5.95
June 12, 2012	10:05	—	NAPEFAI/EQF	22.15	4.23
June 21, 2012	10:05	—	NAPEFAI/EQF	23.93	4.29
June 27, 2012	10:11	—	NAPEFAI/EQF	23.17	4.84
July 9, 2012	10:08	—	NAPEFAI/EQF	26.84	3.81

July 18, 2012		10:05	7.65		26.80		5.97
August 2, 2012		09:57	7.26		25.92		3.84
August 16, 2012		10:21	7.44		26.40		4.40
August 23, 2012		10:12	7.23		25.83		3.64
September 6, 2012		10:12	7.28		25.90		4.23
September 12, 2012		10:35	7.33		24.28		4.50
September 18, 2012		10:35	7.44		22.98		5.25
September 24, 2012		10:44	7.46		21.69		5.25
October 16, 2012		10:03	7.52		16.70		7.12
November 27, 2012		08:41	7.64		8.82		8.72
December 4, 2012		08:59	7.39		8.73		9.02
2013							
January 10, 2013		08:35	7.56		5.44		10.30
February 4, 2013		09:11	7.67		3.58		12.63
March 12, 2013		08:52	7.73		5.29		12.40
April 3, 2013		08:53	7.88		6.60		11.00
May 1, 2013		10:14	7.32		13.56		7.58
May 8, 2013		10:24	7.51		15.55		8.72
May 13, 2013		10:18	7.43		15.47		6.75
May 20, 2013		10:29	7.41		15.53		6.37
May 29, 2013		10:09	7.34		16.15		6.38
June 6, 2013		10:00	7.48		18.36		5.88
June 20, 2013		10:01	7.38		19.68		6.25
July 2, 2013		10:00	7.40		23.48		5.27
July 10, 2013		10:03	7.59		23.05		5.38
July 17, 2013		10:09	7.50		25.16		5.26
July 24, 2013		10:21	7.50		26.55		4.18
August 1, 2013		10:24	7.64		24.48		5.57
August 7, 2013		09:50	7.69		23.50		5.21
August 13, 2013		10:35	7.39		24.75		4.79
August 22, 2013		10:54	7.72		23.67		3.98
August 28, 2013	A	10:24	7.60		24.09		5.37
August 28, 2013	B	10:24	—	NA	—	NA	—
September 10, 2013		10:09	7.46		22.53		5.26
September 16, 2013		10:20	7.58		21.49		4.93
September 23, 2013		10:30	7.52		19.88		6.01
October 3, 2013		10:26	7.26		19.91		6.49
November 19, 2013		10:43	8.23		10.11		8.92
December 2, 2013		10:26	7.71		6.18		10.18
2014							
January 13, 2014		10:16	7.37		2.26		11.45
February 4, 2014		11:33	7.86		0.89		13.73
March 6, 2014		10:10	7.63		1.13		11.90
April 8, 2014		10:40	8.36		6.63		11.14
May 1, 2014		11:15	8.74		10.32		14.88
May 13, 2014		10:30	7.80		12.72		7.99
May 19, 2014		10:40	7.51		14.84		8.50
June 5, 2014		10:31	7.26		17.91		6.92
June 11, 2014		10:41	7.36		18.52		7.07
June 19, 2014		10:45	7.20		21.60		5.30

June 26, 2014		10:29	7.79		21.96		7.47
July 2, 2014		10:25	7.68		23.66		5.92
July 10, 2014		10:33	7.69		21.43		7.47
July 15, 2014		10:14	7.54		23.15		5.02
July 28, 2014		10:19	7.56		23.19		5.46
August 4, 2014		10:28	7.63		23.19		6.50
August 12, 2014		09:54	7.42		23.49		5.48
August 20, 2014		10:30	7.48		22.68		5.77
August 27, 2014		10:24	7.50		23.67		5.93
September 8, 2014		10:20	7.62		23.76		6.23
September 15, 2014		10:24	7.41		22.96		4.66
September 24, 2014		10:37	7.39		21.18		5.69
September 30, 2014	A	10:28	7.36		21.71		5.52
September 30, 2014	B	10:28	—	NA	—	NA	—
October 7, 2014		10:30	7.35		19.22		6.03
November 17, 2014		10:24	7.37		11.05		7.84
December 2, 2014		10:19	7.55		8.36		8.83

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	95.6	19.0	4	15
	54.9	13.9	3	13
[redacted]				
	108.7	22.2	3	22
	90.8	17.1	3	24
	96.3	18.8	3	16
	80.8	21.5	4	22
	62.5	20.1	4	12
	63.0	18.8	—	14
	—	—	3	20
	63.0	—	5.5	18
	96.2	—	6	8
	—	—	6	14
	—	—	4	19
	—	—	6	21
	37.0	—	7	38
	55.5	—	2.5	18
	48.8	18.06	3	18
	74.6	19.65	4	16
	52.2	20.67	4.5	58
	75.8	18.56	5	18
	71.3	19.79	4.5	18
	66.9	19.95	5.5	12
	71.2	14.87	6.6	28
	80.4	17.49	4	16
	67.5	22.53	7	16
	72.2	20.0	4	18
	75.9	20.4	7	16
	78.5	22.24	4.5	22
	84.4	16.28	2.5	18
[redacted]				
	99.5	19.42	7	12
	144.1	10.78	5	4
	96.1	19.66	—	11
	101.2	17.72	3	38
	—	—	—	12
	94.4	22.10	3.5	14
	73.9	26.13	2.5	43
	63.7	20.88	6	12
	82.7	23.41	4	37
	66.2	25.69	4	16
	71.8	24.11	5	16
	57.2	26.66	3.5	14
	63.8	24.57	3	19
	—	—	—	32
	55.9	25.35	3	22

61.2	26.56	—	40
—	—	—	16
66.1	26.16	3	39
54.1	27.87	3	26
77.3	26.46	5	43
95.2	14.37	3	10
139.5	18.89	2	16
155.4	18.26	3	20
124.6	22.05	2	24
150.2	22.07	3	18
118.4	21.73	4	28
114.4	19.73	3	37
117.7	19.09	3	22
93.9	24.57	2	24
109.3	21.83	3	27
115.0	21.41	4	22
93.0	26.24	5	16
73.4	22.25	—	22
70.9	23.26	—	16
64.6	22.97	—	18
82.1	24.42	—	25
78.6	26.76	3	72
70.0	26.51	4	24
69.0	25.80	4	26
86.8	21.07	5	19
79.4	24.35	6	15
78.8	23.66	4	30
77.0	13.59	5	11
91.4	22.34	5	23
89.8	19.42	3	22
86.4	20.79	3	24
122.5	23.48	3	24
136.2	19.12	3	30
96.9	17.66	5	14
77.1	26.25	10	20
61.3	23.83	10	35
69.6	22.30	5	20
96.2	24.01	—	40
—	—	—	30
96.9	11.24	3	17
116.3	17.21	7	28
78.9	18.45	5	49
78.2	24.44	5	20
74.7	24.64	7	17
75.1	24.83	10	14
77.4	25.35	8	20

	55.0		23.79	7		34	
	57.4		23.82	5		16	
	61.0		23.09	6		12	
	62.5		24.06	5		19	
	68.2		24.71	6		17	
	84.0		21.70	6		12	
	65.1		23.14	3		26	
	72.3		24.30	6		18	
	61.2		25.92	5		20	
	68.8		21.85	4		20	
	71.6		21.35	4		18	
[redacted]							
	79.0		21.32	3		16	J-QC/FLD/RPO
	85.4		22.96	4		24	
	141.2		22.92	4		26	
	124.7		19.78	5		15	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.72	4		14	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.94	5		44	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	20.56	9		48	
	69.5		17.88	—	NAP	11	
	60.4		18.24	6		10	J-QC/FLD/RPO
	69.4		21.97	6		18	
	85.0		22.94	7		12	J-QC/FFD/RPO
	77.0		26.28	4		26	J-QC/FFD/RPO
	63.2		20.42	6		12	
	55.5		19.51	5		12	
	61.1		21.65	6		14	
NAPEFAI/EQF	—	NAPEFAI/EQF	23.25	5		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.66	5		16	
NAPEFAI/EQF	—	NAPEFAI/EQF	23.15	8		18	J-QC/FFB/FFDRPO
NAPEFAI/EQF	—	NAPEFAI/EQF	24.36	—	NAP	19	
NAPEFAI/EQF	—	NAPEFAI/EQF	25.10	6		17	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.90	6		10	
	120.3		23.07	>10	L	21	J-QC/FFD/RPO
	83.4		24.60	10		12	
	88.0		24.26	7		15	J-QC/FFD/RPO
[redacted]							
	105.0		13.54	3		27	J-QC/FFD/RPO
	98.2		18.98	4		22	
	100.0		18.54	4		30	J-QC/FLD/RPO
	85.4		20.85	2		42	
	80.9		20.75	3		45	
	70.4		21.60	4		14	
	81.8		23.60	3		8	
	60.8		22.77	4		49	
	81.2		22.85	4		42	
	105.0		23.55	—	NAP	46	
	65.3		23.72	3		72	
	69.4		23.10	2		46	
	68.5		24.07	4		57	

72.2	23.61	6	44	
63.5	26.63	3	56	
59.3	26.04	6	15	J-QC/FFB
57.7	25.39	8	55	J-QC/FLD/RPO
88.4	22.59	6	42	
76.5	23.70	4	71	
76.8	24.20	6	72	J-QC/FFD/RPO
80.4	24.18	5	27	
90.7	21.77	5	60	
91.1	21.15	5	62	J-QC/FFB
91.3	18.90	5	17	
[redacted]				
103.5	25.14	5	22	
112.9	21.84	3	22	J-QC/FLD/RPO
101.1	8.32	3	52	
108.2	20.70	6	14	
87.1	16.01	4	36	
91.7	18.45	4	46	
91.4	18.56	4	23	
76.2	13.82	5	32	J-QC/FLD/RPO
85.6	17.66	3	40	
87.9	20.18	5	19	
79.1	19.42	7	27	J-QC/FFD/RPO
75.8	19.47	5	11	
72.8	19.05	5	14	
73.8	19.53	4	19	
65.6	23.58	4	16	
63.6	23.06	5	78	
68.2	22.73	6	54	J-QC/FFB
64.2	18.56	4	16	
64.1	7.20	4	18	
67.8	15.08	7	41	
58.1	19.27	5	47	
71.1	19.22	3	16	J-QC/FFD/RPO
86.6	16.59	6	46	
84.2	17.05	3	18	J-QC/FFB
[redacted]				
98.8	23.82	3	63	
97.7	24.16	4	60	J-QC/FLD/RPO
121.5	24.21	4	54	J-QC/FFD/RPO
97.5	23.30	3	52	J-QC/FFD/RPO
52.6	22.80	5	68	
83.3	20.66	2	53	
71.2	21.77	4	43	
87.1	21.22	2	61	
75.5	21.87	5	18	
54.9	21.88	2	52	
57.1	21.07	9	36	J-QC/FFB/FFDFLDRPO
63.5	20.33	5	10	J-QC/FLD/RPO
54.1	22.94	6	35	J-QC/FFD/RPO

	85.2		23.39		7		56	
	54.4		24.98		4		68	
	62.9		24.65		4		62	
	51.1		23.75		5		25	
	60.1		23.75		6		58	J-QC/FFB
	62.1		25.18		3		33	
	71.3		26.53		3		24	
	69.6		26.40		4		58	
	86.2		26.34		—	NAP	74	
	89.8		27.72		5		42	
	90.6		24.14		7		24	
[redacted]	96.6	[redacted]	25.58	[redacted]	4	[redacted]	60	[redacted]
[redacted]	112.0	[redacted]	23.97	[redacted]	3	[redacted]	33	J-QC/FLD/RPO
[redacted]	114.2	[redacted]	23.14	[redacted]	4	[redacted]	26	[redacted]
[redacted]	103.4	[redacted]	21.60	[redacted]	5	[redacted]	42	[redacted]
[redacted]	83.0	[redacted]	21.01	[redacted]	4	[redacted]	52	J-QC/FFB
[redacted]	100.4	[redacted]	22.69	[redacted]	3	[redacted]	48	[redacted]
[redacted]	7.77	[redacted]	22.86	[redacted]	4	[redacted]	40	[redacted]
[redacted]	74.7	[redacted]	25.60	[redacted]	7	[redacted]	54	J-QC
[redacted]	73.4	[redacted]	20.56	[redacted]	4	[redacted]	18	J-QC/FFB/FFDFLDRPO
[redacted]	71.7	[redacted]	22.56	[redacted]	7	[redacted]	50	[redacted]
[redacted]	74.9	[redacted]	15.69	[redacted]	6	[redacted]	8	J-QC/FLD/RPO
[redacted]	63.5	[redacted]	17.25	[redacted]	5	[redacted]	67	[redacted]
[redacted]	72.9	[redacted]	23.33	[redacted]	2	[redacted]	56	[redacted]
[redacted]	73.0	[redacted]	23.67	[redacted]	6	[redacted]	49	[redacted]
[redacted]	58.0	[redacted]	22.25	[redacted]	5	[redacted]	50	[redacted]
[redacted]	76.1	[redacted]	22.78	[redacted]	1	[redacted]	48	[redacted]
[redacted]	71.1	[redacted]	25.53	[redacted]	5	[redacted]	54	J-QC/FFB
[redacted]	66.4	[redacted]	24.58	[redacted]	3	[redacted]	33	[redacted]
[redacted]	54.8	[redacted]	27.13	[redacted]	4.5	[redacted]	62	[redacted]
[redacted]	73.1	[redacted]	23.23	[redacted]	6	[redacted]	57	[redacted]
NA	—	NA	—	NA	—	NA	60	[redacted]
[redacted]	69.0	[redacted]	24.27	[redacted]	4	[redacted]	59	[redacted]
[redacted]	64.9	[redacted]	25.62	[redacted]	3	[redacted]	65	J-QC
[redacted]	77.3	[redacted]	26.90	[redacted]	1	[redacted]	70	[redacted]
[redacted]	83.2	[redacted]	26.23	[redacted]	5	[redacted]	22	J-QC/FLD/RPO
[redacted]	94.5	[redacted]	27.76	[redacted]	3	[redacted]	44	[redacted]
[redacted]	98.5	[redacted]	27.37	[redacted]	3	[redacted]	76	[redacted]
	99.0		25.07		3		65	J-QC/FFD/FLDRPO
	114.1		24.68		3		52	J-QC
	99.7		24.69		5		50	J-QC
	102.0		17.46		2		35	
	142.0		10.20		3		36	
	85.7		20.85		5		40	
	94.4		20.05		3		40	
	83.6		22.94		1		25	
	84.8		19.74		2		36	
	67.5		19.57		2		31	

	97.1		22.04		4		26	
	78.9		22.52		5		47	J-QC/FLD/RPO
	98.2		25.59		5		37	
	67.2		24.06		2		39	
	72.4		22.07		4		40	
	87.3		23.70		7		34	
	74.4		25.41		3		44	J-QC
	78.4		27.61		3		38	
	81.8		27.73		10		44	J-QC/FLD/RPO
	84.2		23.36		3		34	
	62.3		24.23		3		42	
	74.7		26.20		6		44	
	72.6		25.49		2		46	
NA	—	NA	—	NA	—	NA	42	
	76.8		27.23		4		45	
	84.6		28.07		2		38	
	87.7		23.46		3		42	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrite-Nitrogen NO2-N (mg/L)
1.20	<2	0.25	0.058
0.94	3	0.18	0.035
0.78	3	<0.19	0.024
0.54	2	0.30	0.037
0.11	—	<0.19	0.053
0.49	2	0.33	0.061
1.29	3	0.36	0.078
1.76	5	0.60	0.104
1.30	6	0.24	0.095
0.78	3	0.42	0.090
0.65	5	<0.19	0.066
3.29	6	0.35	0.064
4.74	<2	0.24	0.087
6.20	<2	<0.19	0.074
2.93	4	<0.19	0.099
1.83	8	0.36	0.102
1.67	23	<0.19	0.121
2.13	4	<0.19	0.102
1.33	3	<0.19	0.106
2.83	3	<0.19	0.085
1.45	<2	<0.19	0.103
1.38	2	<0.19	0.107
1.70	<2	0.29	0.134
0.78	6	<0.19	0.084
0.56	3	<0.19	0.067
1.09	<2	<0.19	0.080
1.24	2	<0.19	0.105
0.83	8	<0.19	0.099
1.48	14	<0.19	0.072
1.24	7	<0.19	0.036
0.90	3	<0.19	0.035
1.44	<2	<0.19	0.043
1.45	—	<0.19	0.065
1.05	<2	<0.19	0.048
1.54	<2	<0.19	0.064
1.67	8	0.30	0.092
1.70	<2	<0.27	0.119
1.38	3	<0.27	0.098
1.39	<2	<0.27	0.090
1.38	<2	<0.27	0.135
0.91	<2	<0.27	0.111
1.82	5	<0.27	0.097
1.46	<2	<0.27	0.101
1.20	<2	<0.27	0.082

1.24	3	<0.27	0.141
1.17	5	<0.27	0.170
1.01	<2	<0.27	0.155
1.29	4	<0.27	0.173
1.79	7	<0.27	0.180
1.46	7	<0.27	0.116
1.08	<2	<0.27	0.040
1.40	5	<0.27	0.06
1.07	9	<0.27	0.033
0.96	4	<0.27	0.039
1.80	3	<0.295	0.052
2.18	3	<0.295	0.062
1.99	<2	<0.295	0.088
1.62	—	<0.295	0.068
1.47	6	<0.295	0.067
1.76	7	<0.295	0.075
1.33	6	<0.295	0.084
0.88	—	<0.295	0.049
1.35	—	<0.295	0.071
0.82	5	<0.295	0.063
1.81	—	—	0.076
1.41	3	<0.295	0.044
<1.00	—	<0.295	0.143
0.86	—	<0.295	0.157
1.42	—	<0.295	0.132
1.23	<2	<0.295	0.106
1.02	—	<0.295	0.103
1.13	<2	<0.295	0.059
<0.30	<2	<0.295	0.053
1.08	—	<0.295	0.053
0.93	<2	<0.295	0.043
1.22	—	0.338	0.034
0.69	—	0.356	0.032
0.80	—	0.407	0.026
0.49	<2	0.453	0.124
0.36	<2	0.557	0.164
0.55	<2	0.553	0.163
0.30	<2	0.517	0.044
0.63	<2	0.489	0.026
1.72	<2	0.038	0.025
0.39	<2	0.604	0.054
<0.30	<2	0.642	0.062
<0.30	<2	0.323	0.065
<0.30	<2	0.505	0.088
<0.30	<2	0.244	0.073
<0.30	<2	0.375	0.074

0.49		<2		0.555		0.091	
<0.30		<2		0.532		0.111	
0.50		<2		0.487		0.068	
0.34		<2		0.406		0.089	
<0.30		<2		0.460		0.098	
1.19		<2		0.465		0.078	
0.57		<2		0.532		0.109	
0.56		<2		0.608		0.141	
<0.30		<2		0.852		0.123	
<0.30		<2		0.412		0.077	
<0.30		<2		0.407		0.098	
[redacted]							
0.44	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.810	J-QC/FSL	0.056	
1.33	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.790	J-QC/FSL/FMS	0.039	J-QC/FFB
0.65	BJ-QC/FBK/FFBFFDRPO	<2	K	0.800		0.054	J-QC/FFB
1.05	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	K	0.596		0.046	
1.92	BJ-QC/FBK/FFBFLS	<2	K	0.715		0.070	
0.88	BJ-QC/FBK/FFBFLS	<2	K	0.720	J-QC/FMS	0.088	J-QC/FFB
1.89	J-QC/FLS	<2	K	<0.018	KJ-QC/FMS	0.100	
1.10	J-QC/FFD/RPOFLS	<2	KJ-QC/FLS	0.637		0.095	
1.85	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.350		0.086	
<0.30	KBJ-QC/FBK/FFBFFDRPO	<2	K	0.203		0.057	
0.82	BJ-QC/FBK/FFDRPO	<2	KJ-QC/FLS	0.254		0.068	
<0.30	KJ-QC/FFB/FFDRPO	4		0.153		0.044	
0.47	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.458		0.078	
1.00	J-QC/FLS	<2	KJ-QC/FLS	0.285		0.067	
0.68	BJ-QC/FBK/FFDRPO	<2	K	0.305		0.064	
0.57	BJ-QC/FBK/FFBFFDRPOFLS	—	NAP	0.285	J-QC/FMS	0.071	
0.47	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.356		0.073	
0.50	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.371		0.063	J-QC/FFB
0.93	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FLS	0.305		0.103	
0.48	BJ-QCJ-HT/FBK/FFDRPOFLSEHT	<2	K	0.397		0.098	
<1.00	KJ-QC/FFD/RPOFLS	<2	KJ-QC/FFB	0.580		0.114	
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	0.351	J-QC/FMS	0.089	J-QC/FFB
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.280		0.086	
0.55	BJ-QC/FBK/FFBFLS	<2	K	0.315		0.075	
[redacted]							
1.42	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.170		0.0259	
0.53	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FFB	0.342		0.0394	
0.66	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.563		0.0511	
0.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.236		0.0728	
0.68	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.483		0.0802	
0.71	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.584	J-QC/FFD/RPO	0.0899	J-QC/FFB
0.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.458		0.0704	
0.54	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.629		0.0893	
0.64	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.035		0.0911	
0.68	BJ-QC/FBK/FFBFLS	<2	K	0.392		0.0837	
0.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.418	J-QC/FMS	0.0675	
0.56	BJ-QC/FBK/FFBFLS	<2	K	0.533		0.0922	
0.65	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.514		0.0862	

0.53	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0719	
0.55	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.314		0.0851	
0.54	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.776		0.1303	
0.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.246		0.1098	
0.62	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.540		0.0999	
0.50	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.383		0.0942	
0.65	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.440		0.0589	
0.75	BJ-QC/FBK/FFBFLS	<2	K	0.451		0.1006	
0.54	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.320		0.0910	
1.05	BJ-QC/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.488		0.0603	
1.82	BJ-QC/FBK/FFB	<2	K	0.528		0.0634	
[redacted]							
0.53	BJ-QC/FBK/FFBFLS	<2	K	0.216		0.0476	
0.43	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.060		0.0482	J-QC/FFB
1.16	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.241		0.0182	
1.74	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.492	J-QC/FMS	0.0347	J-QC/FFB
1.71	BJ-QC/FBK/FFB	<2	K	0.533		0.0356	
0.77	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.381		0.0375	
2.00	BJ-QC/FBK/FFBFFDRPOFLS	5	J-QC/FFB/FFDRPOFLS	<0.0293	K	0.0242	
1.60	BJ-QC/FBK/FFBFLS	<2	K	0.457		0.0705	
0.71	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.359		0.0373	
0.39	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.403		0.0478	
0.59	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.686		0.0665	J-QC/FFB
1.81	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.484	J-QC/FMS	0.0553	J-QC/FFB
1.64	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.133	J-QC/FFD/RPO	0.0670	J-QC/FFB
1.66	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.090		0.2204	J-QC/FFB
0.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.599		0.0535	
0.38	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.539		0.0779	
0.66	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.561	J-QC/FFB	0.0755	
0.59	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.250	J-QC/FFD/RPO	0.0602	J-QC/FFB
1.72	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.408		0.0726	
0.99	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.484		0.0650	J-QC/FFB
0.48	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	3	J-QC/FLS	0.391		0.0534	J-QC/FFB
1.59	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.309		0.0472	
2.14	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.113	J-QC/FFB	0.0539	J-QC/FFB
0.86	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.489		0.0669	J-QC/FFB
[redacted]							
0.73	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.139		0.0363	J-QC/FFB
0.56	BJ-QC/FBK/FFB	3	J-QC/FFD/RPOFLS	0.395	J-QC/FMS	0.0412	J-QC/FFB
0.74	BJ-QC/FBK/FFB	<2	K	0.582	J-QC/FSL/FMS	0.0393	
0.51	BJ-QC/FBK/FFB	<2	K	1.234		0.0590	J-QC/FFB
0.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.486		0.0777	J-QC/FFB
0.56	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.560	J-QC/FMS	0.0822	J-QC/FFB
0.60	BJ-QC/FBK/FFB	<2	K	0.502		0.0770	J-QC/FFB
0.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.267		0.0590	J-QC/FFB
0.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.377	J-QC/FMS	0.0598	J-QC/FFB
0.52	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.528		0.0717	J-QC/FFB
0.70	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.518	J-QC/FMS	0.0732	J-QC/FFB
0.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.486	J-QC/FMS	0.0557	J-QC/FFB
0.54	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FFB/FFDRPO	0.512	J-QC/FMS	0.0653	

0.52	BJ-QC/FBK/FFBFLS	<2	K	0.253	J-QC/FMS	0.0501	
0.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.544	J-QC/FMS	0.0905	
0.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.475		0.0777	
1.03	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.618		0.0252	J-QC/FFB
0.46	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.549		0.1836	
0.43	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QCJ-HT/FLS/EHT	0.449	J-QC/FMS	0.1967	
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.322		0.2221	
0.43	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.602		0.1631	
0.52	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.569		0.1405	
—	NA	—	NRP	0.527	J-QC/FMS	0.0627	
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.541	J-QC/FLD/RPOFMS	0.0826	J-QC/FFB
[redacted]							
—	NA	<2	KJ-QC/FMS	0.234	J/LLS	0.0444	J-QC/FFB
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.508	J-QC	0.0386	J-QC/FFB
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.365	J-QC/LLS/FSLFMS	0.0527	[redacted]
—	NA	<2	KJ-QC/FMS	0.576		0.0352	J-QC/FFB
—	NA	<2	KJ-QC/FMS	0.829		0.0641	J-QC/FFB
—	NA	<2	KJ-QC/FMS	0.471	J-QC/FMS	0.0753	J-QCJ-HT/FFB/EHT
0.41	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.636	J-QC/FMS	0.0662	J-QC/FFB
0.63	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.664	J-QC	0.0695	J-QCJ-HT/EHT
0.57	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.613	J-QC/FSL/FMS	0.0797	[redacted]
1.34	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	1.027	J-QC/FSL/FMS	0.0607	
1.92	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.494		0.0470	J-QC/FFB/FLS
1.57	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.512	J-QC/FMS	0.0519	[redacted]
0.32	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.516	J-QC/FMS	0.0394	J-QC/FFB
1.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.163	J-R/LLS	0.0495	[redacted]
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	0.506		0.0625	J-QC/FFB/FLS
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.530	J-QC/FMS	0.0503	J-QC/FFB
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.307	J/LLS	0.0560	J-QC/FFB
<0.30	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEH	<2	KJ-QC/FMS	0.470	J-QC/FMS	0.0712	J-QC/FFB
0.68	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.518		0.0731	[redacted]
0.50	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.579		0.0640	J-QC/FFB
0.48	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.609		0.0632	J-QC/FFB
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.609		0.0860	[redacted]
0.36	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.699		0.0805	
0.31	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	0.657		0.1021	J-QC/FFB
0.39	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.500		0.0932	[redacted]
0.57	BJ-QC/FBK/FFBFLS	<2	K	0.686		0.0923	
0.60	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.190	J-QC/LLS/FFDRPC	0.0599	J-QC/FFB
[redacted]							
1.01	BJ-QC/FBK/FFBFMS	<2	K	0.495	J-QC/FFB	0.0457	
1.05	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.421		0.0410	J-QC/FFB
0.72	BJ-QC/FBK/FFBFMS	<2	K	0.236	J/LLS	0.0441	J-QC/FFB
1.02	BJ-QC/FBK/FFB	<2	K	0.375	J-QC/LLS/FFB	0.0400	J-QC/FFB/FFDRPC
1.93	BJ-QC/FBK/FFB	<2	KJ-QC	0.960	J-QC/FFB	0.0291	J-QC/FFB
0.51	BJ-QC/FBK/FFBFMS	<2	K	0.136	J/LLS	0.0321	
0.67	BJ-QC/FBK/FFB	<2	K	0.216	J/LLS	0.0466	
0.96	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.705		0.0595	J-QC/FFB
0.86	BJ-QC/FBK/FFBFMS	<2	K	0.483	J-QC/FFB	0.0557	J-QC/FFB
0.72	BJ-QC/FBK/FFBFMS	<2	K	0.686		0.0705	J-QC/FFB

1.41	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	—	NRP/LBF	0.0670	J-QC/FFB
0.70	BJ-QCJ-HT/FBK/FFB	<2	K	0.435	J-QC/FFB	0.0566	J-QC/FFB
0.68	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.050	J-R/LLS	0.0463	J-QC/FFB
0.71	BJ-QC/FBK/FFBFMS	<2	KJ-QCJ-HT/FLS	0.379	J-QC/LLS/FSL	0.0653	J-HT/EHT
0.51	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.513	J-QC/FFD/RPO	0.0564	J-QC/FFB
1.03	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	0.067	J-QC/LLS/FFDRPC	0.0598	J-QCJ-HT/FFB
0.68	BJ-QCJ-HT/FBK/FFBFMS	8	J-QC/FLS	0.635	QC/FLD/RPOFSLFI	0.0711	
0.82	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.307	J/LLS	0.0728	J-QC/FFB
0.47	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.346	J-QC/LLS/FFDRPC	0.0903	
0.41	BJ-QC/FBK/FFBFMS	<2	KJ-HT	<0.0267	K	0.0799	J-QC/FFB
0.70	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.418		0.1064	
0.79	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.334	J/LLS	0.0967	
0.65	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.622	J-QC/FSL	0.1175	J-QC/FFB
0.64	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.690	J-QC/FSL	0.1191	J-QC/FFB
0.69	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.696	J-QC/FMS	0.1294	J-QC/FFB
0.48	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.628		0.0839	
0.58	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.605		0.0793	J-QC/FFB

Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]			
0.96	0.202	0.17	0.39
0.90	0.226	0.12	0.94
[redacted]			
0.68	0.151	0.12	35.7
0.58	0.138	0.12	29.8
0.57	0.124	0.11	9.2
0.48	0.158	0.14	5.9
0.64	0.202	0.20	1.6
0.72	0.205	0.19	2.4
0.53	0.204	0.18	2.2
0.59	0.207	0.16	4.0
0.64	0.158	0.16	7.9
2.04	0.160	0.18	7.3
0.60	0.212	0.22	5.4
0.76	0.230	0.24	3.4
0.56	0.228	0.23	2.52
0.74	0.310	0.34	2.52
0.60	0.286	0.23	4.48
0.58	0.226	0.22	4.65
0.70	0.336	0.24	4.28
1.09	0.250	0.22	8.39
0.65	0.243	0.20	4.64
0.48	0.262	0.29	19.22
0.94	0.291	0.33	3.07
0.60	0.200	0.35	4.46
0.43	0.196	0.20	1.63
0.53	0.183	0.12	1.22
0.79	0.209	0.21	1.43
0.95	0.238	0.16	0.96
0.76	0.201	0.20	0.94
[redacted]			
0.60	0.129	0.12	3.06
0.58	0.118	0.25	9.33
0.51	0.130	0.14	3.39
0.94	0.173	0.17	1.61
0.58	0.111	0.12	—
0.47	0.156	0.14	2.36
0.87	0.289	0.18	—
0.78	0.182	0.19	—
0.84	0.194	0.19	—
0.94	0.213	0.21	—
0.63	0.275	0.26	—
0.68	0.243	0.27	—
0.65	0.270	0.25	—
0.53	0.298	0.28	—
0.50	0.304	0.26	—

0.61	0.298	0.31	—	
0.90	0.214	0.27	—	
0.65	0.257	0.32	—	
0.83	0.337	0.34	—	
1.00	0.310	0.27	—	
0.85	0.202	0.20	—	
0.69	0.120	0.15	—	
0.94	0.18	0.15	—	
0.63	0.120	0.26	—	
0.56	0.098	0.09	—	
0.67	0.133	0.13	—	
0.62	0.185	0.21	—	
0.90	0.182	0.19	—	
0.64	0.156	—	—	
0.46	0.101	0.16	—	
0.48	0.152	0.17	—	
0.65	0.187	0.22	—	
0.53	0.151	—	—	
0.48	0.165	—	—	
0.50	0.192	0.17	—	
0.39	0.175	—	—	
0.54	0.236	0.15	—	
1.16	0.220	—	—	
0.64	0.177	0.18	—	
0.67	0.194	0.21	—	
0.95	0.191	0.18	—	
0.82	0.183	0.22	—	
0.73	0.170	0.15	—	
0.68	0.163	0.16	—	
1.00	0.128	0.05	1.5	
0.650	0.144	0.12	1.4	
0.539	0.144	0.10	36.0	
0.525	0.102	0.05	142.8	
0.325	0.068	0.09	31.1	
0.889	0.229	0.19	6.5	
1.42	0.39	0.23	6.4	
0.978	0.27	0.25	<3.0	
0.696	0.15	0.12	1.1	J-R
—	0.08	0.08	<1.1	
0.541	0.09	0.09	<1.1	
1.75	0.28	0.12	1.4	J-R
0.675	0.17	0.14	<2.4	
0.551	0.13	0.14	<2.4	
0.798	0.18	0.18	<2.4	
0.575	0.19	0.20	3.7	J-R
0.920	0.22	0.21	17.9	

1.78		0.26		0.21		7.1	
1.28		0.25		0.25		3.9	J-R
0.696		0.20		0.18		9.0	
0.966		0.23		0.24		5.9	
0.862		0.22		0.22		7.4	
0.442		0.22		0.22		4.1	J-R
0.818		0.26		0.21		5.2	
1.48		0.21		0.20		5.8	
1.26		0.20		0.19		4.3	J-R
0.793		0.16		0.15		2.4	J-R
0.924		0.17		0.15		3.0	J-R
[redacted]							
1.11	J-QC/FFD/RPO	0.12	J-QC/FFB	0.12		4.0	J-R
0.524		0.11		0.13		5.1	
1.62	J-QC/FLS	0.14		0.13		2.4	J-R
0.733		0.11		0.11		4.5	J-RJ-QCJ-HT/FFD/RPOEHT
0.764	J-QC/FFD/RPO	0.17		0.12		4.9	J-QC/FFD/RPO
0.516		0.13		0.13		<0.4	K
0.715		0.17		0.16		1.6	J-R
0.693		0.16	J-QC/FFD/RPO	0.16		5.5	J-QC/FFD/RPO
1.07		0.15		0.14		1.0	J-R
0.398		0.14		0.14		3.7	
1.77	J-QC/FFB	0.17		0.15		2.4	
0.345	J-QC/FFB	0.25		0.15		<0.4	K
0.519	J-QC/FFB	0.19		0.20		2.2	
0.477		0.22		0.20		7.9	J-QC/FFB
1.43		0.26	J-QC/FFB	0.19		2.7	
0.449		0.21		0.18		5.5	
0.668		0.20	J-QC/FFD/RPO	0.20		3.2	
0.385		0.20		0.20		—	NAPQNS
0.782	J-QC/FFB	0.23		0.19		4.6	
0.602	J-QC/FFB	0.31	J-QC/FFB	0.22		2.6	
1.21	J-QC/FFB	0.24		0.20		3.6	
0.888		0.17		0.17		3.8	
0.888		0.20		0.18		4.5	
0.777		0.17		0.14		1.4	J-R
[redacted]							
0.514		0.11		0.08		4.9	
0.331		0.11		0.08		7.1	J-QC/FFD/RPO
0.454		0.14	J-QC/FLD/RPO	0.12		2.9	J-QC/FSL
0.386		0.15		0.13		4.5	
1.29		0.17		0.08	J-QC/FLS	2.5	J-R
0.527		0.22	J-QC/FFB/FFDRPO	0.20	J-QC/FFD/RPO	2.9	
0.274		0.18		0.15		8.7	
0.425		0.20		0.18		2.5	J-R
0.555		0.21		0.19		8.9	
0.398		0.18		0.19		10.9	
0.377		0.25		0.19		5.8	
0.569		0.26		0.23		4.9	
0.368		0.26		0.22	J-QC/FLD/RPOFLS	7.7	

0.397		0.21	J-QC/FLD/RPOFLS	0.21	5.4	
0.383		0.23		0.20	5.0	
0.515		0.28		0.26	4.2	
0.487		0.26		0.22	5.8	
0.765		0.24		0.20	6.2	
0.704		0.24		0.21	5.2	
0.374		0.23		0.20	2.6	
0.368		0.26	J-QC/FLS	0.21	1.7	J-RJ-QC/FFD/RPO
0.621		0.26		0.22	3.1	
0.804		0.18		0.16	1.7	J-R
0.999		0.16		0.15	1.5	J-RJ-QC/FFD/RPO
[redacted]						
0.4320		0.12		0.09	12.5	
0.7190		0.09		0.07	35.6	
0.3609	J-QC/FFD/RPO	0.10		0.07	9.3	J-QC/FFD/RPO
0.6115	J-QC/FFB/FFDRPOFLS	0.11		0.09	5.4	
0.5920		0.11		0.11	4.6	
0.4065		0.12		0.11	3.4	
0.4130		0.20		0.21	2.8	
0.8283	J-QC/FFB/FFDRPOFLS	0.15		0.12	1.4	J-R
0.4904	J-QC/FLS	0.14		0.11	3.0	
0.2652		0.14		0.11	8.5	J-QC/FFD/RPO
0.6254		0.15		0.13	3.3	
0.4508	J-QC/FFB/FLS	—	A/LBF	0.14	6.9	
0.5153		0.18	J-QC/FLD/RPOFLS	0.15	J-QC/FLS 2.7	
0.4895		0.26	J-QC/FLD/RPO	0.21	9.0	
—	A/LBF	0.19		0.18	6.1	
0.4451		0.23		0.21	2.94	
0.5049		0.21		—	A/LBF 9.0	
0.5943		0.18		0.17	3.9	
0.3637		0.15		0.13	8.84	
0.4428		0.14		0.12	2.05	
0.4424		0.15		0.13	7.6	
0.6047		0.15		0.15	J-QC/FFD/RPO 3.44	
0.6592		0.14		0.12	<0.913	K
0.7009		0.13		0.12	9.27	
[redacted]						
0.5132		0.09		0.08	23.2	
0.5540		0.11		0.10	12.3	
0.7657		0.11		0.09	20.1	J-QC/FSL
0.6575		0.17		0.13	19.0	J-QC/FSL
0.5251		0.15		0.10	1.24	
0.8455		0.16		0.14	2.87	
0.6430	J-QC/FFB	—	C	0.12	2.28	J-QC/FFD/RPO
0.5059	J-QC/FLS	0.16		0.10	3.58	
0.1003		0.16		0.12	7.92	
0.6013		0.25	J-QC/FFB	0.15	4.72	J-QC/FSL
0.4872		0.16		0.16	6.25	
0.7268	J-QC/FLS	0.17		0.15	5.40	
0.5833		0.20		0.18	5.25	

0.4879	J-QC/FLS	—	A/LBF	0.16		20.1	
0.8860	J-QC/FFB	0.23		0.20		1.19	
0.8341		0.22		0.21		4.27	
0.6345	J-QC/FLS	0.25		0.24		3.48	J-QC/FFD/RPOFSL
0.6349	J-QC/FLS	0.27	J-QC/FLS	0.24		3.49	
1.0347		0.23	J-QC/FLD/RPO	0.22		4.82	J-QC/FFB/FFDRPO
0.7811		0.21		0.21		5.99	J-QC/FFD/RPOFSL
0.9196		0.27		0.23		2.97	J-QC/FFD/RPOFSL
0.9745	J-HT/EHT	0.21		0.20		3.23	J-QC/FSL
0.6417	J-QCJ-HT/FLS/EHT	0.17		0.14		1.14	
1.3809		0.19		0.17		0.52	
[redacted]							
0.4865	J-QC/FFD/RPO	0.16	J-QC	0.13	J-QC/FFD/RPO	2.61	
0.6764	J-QC/FFB	0.15	J-QC	0.10	J-QC	2.54	J-QC
0.8651	[redacted]	0.15	[redacted]	0.10	[redacted]	14.0	
1.2904	J-HT/EHT	0.11		0.09		18.3	J-QC/FFB
0.8376	J-QC/FFB/FFDRPO	0.17	J-QC	0.15		2.14	J-QC/FFD/RPO
0.6749	J-QCJ-HT/FFB/EHT	0.16	J-QC/FLD/RPOFMS	0.13		8.89	J-QC/FFD/RPO
0.4649	[redacted]	0.16	[redacted]	0.13	J-QC/FLD/RPO	1.58	J-QC/LLS/FFBFFDRPO
0.5491	J-QC	0.14	J-QC	0.15	J-QC	1.62	J-QC/LLS/FFB
0.5369	[redacted]	0.17	J-QC	0.16	J-QC	0.73	J/LLS
0.4551		0.15	J-QC	0.15	J-QC	2.06	
1.0860	J-QC/FFD/RPOFLS	0.12	[redacted]	0.15	J-QC	3.00	
0.5718	J-QC/FLS	0.25	J-QC/FLD/RPOFSL	0.16	[redacted]	2.17	J-QC/FFD/RPOFSL
0.4860	[redacted]	0.14	[redacted]	0.12		6.01	
0.3370	J-QC/FFB/FLS	0.16	J-QC/FFD/RPO	0.14	J-QC/FLD/RPO	4.64	
0.4668	[redacted]	0.18	J-QC	0.17	[redacted]	5.10	
0.5780	[redacted]	0.20	J-QC	0.18	J-QC	6.01	
0.4498		0.15	J-QC/FLD/RPO	0.15	[redacted]	4.83	J-QC/FFD/RPO
0.6262	J-QC/FFD/RPO	0.19	[redacted]	0.18		5.04	
0.4613	J-QC/FFB	0.20	J-QC	0.17	J-QC	4.47	J-QC/FFB
0.6200	[redacted]	0.20	J-QC/FMS	0.18	[redacted]	3.00	
0.6598		0.18	J-QC/FMS	0.19		2.68	
0.6493		0.21	[redacted]	0.20		3.52	
0.6546	J-QC/FFB	0.23		0.20		3.24	
0.7208	J-QC/FLS	0.21	[redacted]	0.18	[redacted]	3.51	J-QC/FFD/RPO
0.8233	[redacted]	0.24	J-QC/FFB	0.11	J-QC/FFD/RPO	2.68	J-QCJ-HT/FFD/RPOEHT
0.8306	J-QC/FFB	0.22	J-QC/FFD/RPO	0.18	[redacted]	4.05	
0.6813	J-HT/EHT	0.16	I-QC/FFB/FFDFLDRPC	0.13		0.927	J/LLS
[redacted]							
0.5973		0.11		0.10		2.09	
0.6693		0.10		0.08		2.01	
0.4859		0.09		0.07		8.20	
0.5448		0.13	J-QC/FFB/FLDRPO	0.08		1.82	J/LLS
0.4200		0.13	J-QC/FMS	0.13		6.84	J-QC/FFD/RPO
0.3961		0.11	J-QC/FFB	0.08		2.32	J-QC/FFD/RPO
0.5181		0.11		0.09		7.24	J-QC/FFD/RPO
0.4370		0.12		0.12		5.22	J-QC/FFB
0.3473	J-HT	0.11	J-QC/FMS	0.09		12.1	J-QC/FFD/RPO
0.7133		0.16	J-QC/FLD/RPO	0.15		4.28	

0.5490		0.15		0.14		9.37	
0.5325		0.15	J-QC/FMS	0.14	J-QC/FFB	6.39	J-QC/FFD/RPO
0.3506	J-QC	0.17	-QC/FFB/FLDRPOFM	0.13		10.0	
0.4869		0.19	J-QC/FFB	0.16		3.32	
0.4616		0.18		0.16	J-QC/FMS	2.82	
0.4476		0.17		0.15		3.80	J-QC/FFD/RPO
0.5115		0.14	J-QC	0.15		14.5	
0.5805	J-HT	0.22		0.17	J-QC/FFB	107.2	
0.7464		0.21		0.18		46.2	
0.5820		0.23	J-QC/FMS	0.21		30.0	
0.9694		0.26	J-QC/FFB/FMS	0.22		4.78	
0.5803	J-QC	0.25		0.20		8.13	
0.7984		0.27		0.23		7.21	
0.8600		0.24		0.21		7.45	
0.8224	J-QC	0.22		0.19		10.5	
0.7834		0.24	J-QC/FFB	0.19		2.23	J-QC/FFD/RPO
0.8333		0.21		0.17	J-QC	1.27	J-QC/LLS/FFDRPO

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
2.4	0.00	0.00
5.0	0.00	0.36
[redacted]		
11.0	0.00	0.00
3.9	0.00	0.00
4.0	0.05	0.05
3.1	0.04	0.04
5.2	0.01	0.10
1.1	0.29	0.47
1.4	0.27	0.53
7.6	0.00	0.00
1.0	0.00	0.31
1.4	0.00	0.00
9.6	0.00	0.00
4.0	0.00	0.57
2.0	0.00	0.00
2.2	0.09	0.94
3.7	0.00	0.02
6.8	0.39	0.39
0.8	0.00	0.00
10.9	0.00	0.00
<0.5	0.00	0.10
4.0	0.00	0.00
4.8	0.00	0.00
0.8	0.53	2.80
<0.5	0.04	0.04
8.5	0.00	0.00
5.5	0.78	0.78
4.5	0.01	0.04
5.0	0.00	0.66
[redacted]		
<0.5	0.00	0.01
0.6	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
0.7	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.66	0.66
2.7	0.46	0.50
2.2	0.95	1.78
2.2	0.00	0.00
2.5	0.00	0.00
3.0	0.00	0.00

4.0	0.00	0.00	[redacted]
1.2	0.00	0.00	
2.4	0.00	0.01	
6.3	0.00	0.00	
2.1	0.00	0.00	
2.7	0.03	0.03	
6.6	0.00	0.00	
[redacted]			
6.6	0.04	0.04	
5.9	0.00	0.11	
3.1	0.00	0.00	
4.0	0.00	0.00	
4.9	0.00	0.00	
9.5	0.00	0.00	
—	0.22	0.22	
2.1	0.00	0.00	
2.1	0.00	0.00	
1.6	0.12	0.13	
—	0.00	0.00	
—	0.00	0.00	
7.6	0.00	0.00	
—	0.00	0.00	
5.2	0.00	0.00	
—	0.00	0.02	
3.4	0.00	0.00	
3.4	0.00	0.00	
3.5	0.00	0.01	
8.1	0.01	1.12	
2.3	0.04	0.23	
3.0	0.20	0.20	
[redacted]			
1.7	0.00	0.00	
0.5	0.00	0.00	
2.4	0.00	0.25	
1.5	0.17	0.27	
1.6	0.00	0.32	
1.3	1.09	1.14	
5.6	0.00	0.00	
5.3	0.00	0.00	
[redacted]			
1.6	0.01	0.01	
3.5	0.00	0.00	
3.2	0.00	0.00	
4.2	0.00	0.00	
3.7	0.00	0.00	
4.9	0.12	0.98	
3.8	0.28	0.28	
5.1	0.00	0.00	
4.7	0.00	0.03	

5.6		0.00	0.00
5.3		0.18	0.18
2.9		0.00	0.00
3.2		0.00	0.00
3.2		0.00	0.00
3.6		0.71	0.71
3.1		0.00	0.00
4.3		0.00	0.00
3.1		0.01	0.01
23.4		0.65	0.65
3.5		0.00	0.12
[redacted]			
4.3		0.00	1.25
4.1		0.00	0.00
6.3	J-QC/FFB	0.00	0.00
4.0		0.32	0.32
4.4		0.34	0.88
6.3		0.00	0.00
6.8		0.43	0.68
11.8	J-QC/FFD/RPO	2.01	2.01
—	NAPEFAI/EQF	0.00	0.00
4.2	J-QC/FFB	0.00	0.08
4.4		0.00	0.00
4.3	J-QC/FFB	1.44	1.44
4.8		3.33	3.33
3.7	J-QC/FFB/FSL	0.00	0.00
5.6		0.04	0.04
4.7		0.00	1.13
4.1	J-QC/FFB	0.00	0.01
4.2	J-QC/FFB	0.00	0.00
4.4	J-QC/FFB	0.00	0.00
4.7	J-QC/FFB	0.00	0.00
4.1	J-QC/FFB	0.04	0.04
3.9	J-QC/FFB	0.00	0.17
3.7	J-QC/FFB	0.00	0.00
7.2	J-QC/FFB	0.00	0.00
[redacted]			
4.90	J-QC/FFB/FFDRPO	0.00	0.00
4.29		0.00	0.00
4.28		0.00	0.00
3.40	J-QC/FFB	1.43	1.43
4.30		0.00	0.00
4.05	J-QC/FFB	0.00	0.00
3.74	J-QC/FFB	0.02	1.13
3.98	J-QC/FFB	0.00	0.00
4.25	J-QC/FFB	0.00	0.43
4.50	J-QC/FFD/RPO	0.00	0.00
4.40	J-QC/FFB	1.09	1.09
4.39		0.00	0.00
3.70	J-QC/FFB	0.00	0.00

3.20	J-QC/FFB	0.01	0.01
4.10	BJ-QC/FBK/FFB	0.00	0.00
4.00	J-QC/FFB	0.00	0.00
4.00	J-QC/FFB	0.71	0.73
3.90	J-QC/FFB	0.00	0.00
3.80	J-QC/FFB	0.00	0.00
3.40	J-QC/FFB	0.09	0.09
3.40	J-QC/FFB	0.16	1.21
3.20		0.27	0.28
6.30		0.50	0.50
4.40		0.00	0.00
[redacted]			
4.0		0.00	0.00
4.5	J-QC/FFB	0.10	0.10
4.2		0.00	0.00
2.9	J-QC/FFB	0.67	0.71
3.6	BJ-QC/FBK/FFB	0.57	0.57
2.9	J-QC/FFB	0.00	0.00
3.8	J-QC/FFD/RPO	2.39	3.03
3.4	BJ-QC/FBK/FFDRPO	0.03	0.03
3.1	J-QC/FFB	0.00	0.00
2.9		0.12	0.12
—	A/LBF	0.08	0.08
2.9	J-QC/FFB/FFDRPO	0.00	0.00
0.5	J-QC/FFB	0.00	0.00
3.7	J-QC/FFB	0.00	0.00
3.8	J-QC/FFB	0.00	0.00
3.7	J-QC/FFB	0.69	0.69
4.1	J-QC/FFB	0.00	0.00
3.7	J-QC/FFB	0.00	0.70
4.8	J-QC/FFB	0.00	0.00
4.2	J-QC/FFB	0.00	0.00
3.9	BJ-QC/FBK/FFB	0.07	0.07
2.8		0.00	0.00
3.0		0.00	0.00
4.6		0.00	0.00
[redacted]			
2.6		1.48	1.62
2.8	J-QC/FFB	0.01	0.03
3.6	BJ-QC/FBK/FFB	0.00	0.00
1.5	J-QC/FFB	0.30	2.82
2.4	J-QC/FFB	0.91	1.11
2.5	J-QC/FFB	0.03	0.03
2.2	J-QC/FFB	0.18	0.91
2.2	J-QC/FFB	1.94	1.94
2.2	J-QC/FFB	1.36	1.37
2.0	BJ-QC/FBK/FFB	1.12	1.12
2.5		0.00	0.00
2.6	J-QC/FFB/FFDRPO	0.00	0.00
3.8	BJ-QC/FBK/FFBFLDRPO	0.00	0.02

3.8	J-QC/FFB	0.39	0.39
3.5		0.00	0.23
2.1	J-QC/FFB	0.00	0.29
2.4	J-QC/FFD/RPO	0.00	0.00
1.7		0.00	0.11
1.7		0.00	0.00
3.2		1.00	1.00
2.0		0.00	0.00
4.2	J-QC/FFB	0.00	0.35
3.8	BJ-QC/FBK/FFB	0.00	0.46
2.9	J-QC/FFB/FFDRPO	0.02	0.05
[redacted]			
3.06	J-QC/FFB	0.54	0.54
3.99	BJ-QC/FBK/FFB	0.02	0.02
3.21	J-QC/FFB	0.00	0.68
2.4	J-QC	0.00	0.00
2.7	J-QC/FFD/RPO	0.00	0.00
2.8	J-QC	1.46	2.61
3.0	J-QC/FFB/FFDRPOFMS	0.00	0.00
4.2	J-QC	0.00	0.00
5.2	J-QC	0.00	0.00
2.9		3.71	3.89
8.1	J-QC	0.00	0.00
7.3	B/FBK	0.02	1.47
3.8	J-QC/FLD/RPO	0.00	0.00
4.0		0.00	0.00
3.6	J-QC/FFB/FFDRPO	0.00	0.57
3.7	J-QC/FFB	0.88	0.88
3.2	J-QC	0.00	0.00
4.4	J-QC	1.01	1.41
6.8	J-QC/FSL	0.49	0.49
3.1		0.85	0.86
3.7		0.85	0.86
1.4		0.00	0.00
2.1	J-QC	0.04	0.04
2.1	J-QC/FLD/RPOFSL	0.00	0.48
3.77	J-QC	0.00	0.00
5.6	J-QC/FFD/RPOFSL	0.00	0.19
4.72	J-QC/FFD/RPO	0.00	0.00
[redacted]			
2.6	J-QC/FMS	0.00	0.14
1.6	J-QC/FFB/FMS	0.00	0.95
4.9	J-QC/FFB	0.00	0.00
3.1		0.67	0.78
4.1	B/FBK	1.02	1.06
5.8	B/FBK	0.00	0.00
4.9		0.00	0.00
3.2	J-QC/FMS	0.78	0.78
3.5	J-QC/FMS	0.03	0.03
3.1	J-QC/FLD/RPO	0.00	0.00

3.7	J-QC/FFB	0.20	0.22
2.5	J-QC/FMS	1.20	1.20
0.5		0.00	0.00
0.7		0.73	1.48
1.0	J-QC/FMS	0.28	0.36
1.7		0.00	0.07
2.1	3J-QC/FBK/FFBFLDRPOFMS	0.09	0.09
2.0		0.00	0.00
3.7		0.00	0.00
0.8	J-QC/FFD/RPO	0.00	0.00
2.6		0.00	0.00
3.6	J-QC/FFB/FFDRPO	0.00	0.00
2.6		0.00	0.00
3.4		0.00	0.00
1.7	J-QC/FFD/RPO	0.01	0.01
2.7	J-QC/FLD/RPO	1.86	1.88
2.7		0.08	0.18

Station #24 Lower Arthur Kill	Time	pH	Temp (^0C)	DO (mg/L)
2003				
December 10, 2003	10:05	6.20	4.9	10.97
December 18, 2003	11:55	6.20	5.2	7.41
2004				
February 26, 2004	01:10	8.41	2.8	12.70
April 6, 2004	09:35	7.71	7.2	10.12
April 21, 2004	09:50	7.09	11.1	9.35
May 5, 2004	09:45	7.93	13.4	7.35
May 20, 2004	10:15	7.25	17.7	5.09
May 27, 2004	10:40	7.22	20.0	4.89
June 1, 2004	—	7.40	—	—
June 16, 2004	09:50	7.51	—	5.80
June 23, 2004	09:50	7.67	20.8	7.91
July 1, 2004	10:00	7.55	21.1	—
July 7, 2004	09:52	7.42	23.4	—
July 14, 2004	10:05	7.44	22.7	—
July 21, 2004	11:35	7.43	25.1	—
July 28, 2004	10:20	7.02	—	4.06
August 4, 2004	10:07	7.15	26.03	3.58
August 11, 2004	09:45	7.44	23.91	5.33
August 18, 2004	10:23	7.34	23.91	3.80
August 25, 2004	09:53	7.34	24.29	5.60
September 1, 2004	09:55	7.55	25.01	4.97
September 15, 2004	10:30	7.26	23.32	4.64
September 22, 2004	09:53	7.25	22.00	5.10
September 29, 2004	10:20	7.20	21.39	6.05
October 14, 2004	10:10	—	17.89	5.21
October 21, 2004	11:33	—	15.0	6.20
November 4, 2004	11:13	7.00	14.2	6.86
November 22, 2004	09:39	7.50	10.99	7.55
December 2, 2004	11:03	7.40	10.08	8.30
2005				
February 24, 2005	10:20	—	3.15	11.70
April 13, 2005	11:13	—	10.33	15.03
May 4, 2005	10:25	7.39	12.42	9.03
May 11, 2005	09:57	7.09	13.81	9.10
May 16, 2005	—	—	—	—
May 19, 2005	11:00	7.57	15.15	8.04
May 31, 2005	11:36	7.31	17.01	5.98
June 8, 2005	09:58	7.21	19.96	4.93
June 15, 2005	10:23	7.29	21.84	5.40
June 22, 2005	11:39	7.24	21.63	4.73
June 29, 2005	10:53	7.19	24.72	5.14
July 6, 2005	11:11	7.21	24.77	3.78
August 3, 2005	11:14	6.84	26.36	4.13
August 11, 2005	—	—	—	—
August 17, 2005	10:00	7.28	26.36	3.70

August 25, 2005	10:05	—	25.89	4.05
September 8, 2005	—	—	—	—
September 15, 2005	10:39	7.35	25.35	4.68
September 22, 2005	10:05	7.21	25.17	3.83
October 6, 2005	10:11	7.08	21.86	6.70
October 18, 2005	10:55	—	16.90	10.34
December 21, 2005	10:08	6.65	4.96	16.53
2006				
January 5, 2006	10:26	7.21	5.65	16.93
February 1, 2006	09:45	7.39	5.57	14.43
March 30, 2006	10:29	8.49	7.56	15.14
April 18, 2006	10:00	7.83	11.82	9.62
April 27, 2006	10:22	7.45	13.05	9.81
May 2, 2006	10:21	6.97	14.29	10.50
May 11, 2006	10:41	7.48	15.04	7.97
June 15, 2006	10:59	7.61	18.95	8.90
June 19, 2006	10:40	7.34	20.77	8.98
June 26, 2006	10:53	7.29	21.35	7.14
July 11, 2006	10:25	7.32	19.96	5.67
July 20, 2006	09:57	7.26	24.69	4.91
July 24, 2006	10:28	7.23	24.18	4.26
July 31, 2006	11:05	7.37	25.37	4.88
August 9, 2006	09:44	7.57	24.38	5.55
September 7, 2006	10:01	7.24	21.00	5.42
September 11, 2006	10:31	7.37	21.83	5.23
September 18, 2006	10:11	7.14	21.13	6.25
September 25, 2006	10:45	7.64	20.69	6.03
October 18, 2006	10:53	7.36	16.63	6.58
November 14, 2006	11:11	7.82	12.95	6.81
December 13, 2006	10:06	8.42	8.22	9.34
2007				
January 10, 2007	10:53	8.88	8.31	9.12
January 25, 2007	11:45	7.65	4.97	9.47
March 20, 2007	10:29	8.65	4.18	13.87
April 2, 2007	11:09	7.66	7.37	13.72
May 3, 2007	10:25	7.64	11.20	9.30
Boat engine failure - 5/18/07				
September 11, 2007	09:52	7.37	24.73	5.47
October 3, 2007	10:40	7.35	22.54	4.47
October 30, 2007	10:16	7.01	16.71	5.84
2008				
January 9, 2008	10:24	—	6.12	10.30
February 28, 2008	11:04	7.66	4.04	8.91
March 13, 2008	11:12	6.38	5.25	11.25
April 24, 2008	10:49	7.72	14.23	10.25
May 6, 2008	12:14	7.66	14.63	7.34
June 5, 2008	10:20	7.47	17.89	6.52
June 10, 2008	10:53	7.43	20.50	6.08
July 17, 2008	10:05	7.34	24.58	4.71
July 21, 2008	11:24	7.44	25.55	4.65

July 30, 2008	09:59	7.25		25.59	3.95
August 6, 2008	10:03	7.17		25.64	3.58
August 13, 2008	09:50	7.19		22.91	2.97
August 19, 2008	10:24	7.25		24.55	4.60
August 26, 2008	10:01	7.33		24.03	4.84
September 9, 2008	10:25	7.44		24.50	6.57
September 18, 2008	10:28	—		22.71	5.17
September 24, 2008	10:20	7.51		21.25	7.35
October 9, 2008	10:26	—		18.34	4.87
November 13, 2008	10:06	7.34		12.34	6.38
December 2, 2008	11:06	7.22		8.11	7.37
2009					
January 29, 2009	10:25	7.57		2.14	9.11
February 9, 2009	10:29	7.34		2.45	9.97
March 4, 2009	10:24	7.67		2.62	16.29
April 14, 2009	10:17	7.82		8.63	11.86
May 5, 2009	11:12	7.00		13.95	—
May 20, 2009	11:31	7.57		15.31	—
June 3, 2009	09:56	6.97		18.78	—
June 18, 2009	10:28	7.30		20.15	5.51
June 23, 2009	10:36	7.40		19.95	4.86
July 8, 2009	10:16	7.42		21.31	5.05
July 15, 2009	10:39	—	NAPEFAI/EQF	22.11	5.99
July 21, 2009	10:11	—	NAPEFAI/EQF	22.29	5.70
July 29, 2009	10:24	—	NAPEFAI/EQF	24.71	4.58
August 6, 2009	10:02	—	NAPEFAI/EQF	24.49	2.96
August 12, 2009	10:10	—	NAPEFAI/EQF	24.38	4.44
August 19, 2009	10:05	—	NAPEFAI/EQF	25.58	—
August 25, 2009	09:57	—	NAPEFAI/EQF	26.37	—
September 2, 2009	10:15	—	NAPEFAI/EQF	23.61	—
September 10, 2009	10:39	—	NAPEFAI/EQF	22.65	—
September 16, 2009	10:20	—	NAPEFAI/EQF	21.77	—
September 24, 2009	09:54	—	NAPEFAI/EQF	21.87	—
September 29, 2009	10:47	—	NAPEFAI/EQF	20.28	9.41
October 5, 2009	10:50	—	NAPEFAI/EQF	18.79	6.74
November 24, 2009	10:15	7.63		11.63	8.35
2010					
March 18, 2010	10:48	7.84		6.19	11.10
April 19, 2010	10:10	7.58		10.75	9.67
May 6, 2010	10:45	7.66		14.03	9.23
May 18, 2010	10:14	7.38		14.25	8.05
May 25, 2010	10:05	7.36		16.51	7.29
June 2, 2010	10:00	7.38		20.10	5.77
June 10, 2010	11:00	7.83		20.13	6.66
June 16, 2010	10:45	7.38		21.80	5.38
June 23, 2010	10:25	7.50		23.60	6.18
June 28, 2010	10:01	7.65		24.36	6.93
July 13, 2010	10:00	7.52		25.92	4.58
July 22, 2010	10:00	7.47		27.24	5.44
July 28, 2010	10:15	7.46		26.63	4.57

August 4, 2010	10:02	7.50		24.83	4.98
August 11, 2010	10:17	7.46		25.81	4.39
August 19, 2010	10:21	7.27		25.77	3.80
August 25, 2010	10:35	7.29		23.92	4.24
September 2, 2010	11:06	7.61		24.74	5.90
September 15, 2010	10:22	7.47		22.17	5.68
September 22, 2010	10:20	7.48		21.01	5.62
September 28, 2010	10:17	7.38		21.72	6.23
October 4, 2010	10:21	7.33		19.43	8.17
November 16, 2010	10:10	7.44		11.21	8.96
December 6, 2010	10:18	7.67		7.38	9.81
2011					
January 6, 2011	10:18	8.21		2.42	10.81
February 7, 2011	10:10	7.72		1.98	15.47
March 14, 2011	10:12	7.26		5.56	13.02
April 12, 2011	10:10	7.33		9.46	13.77
May 4, 2011	10:30	6.99		13.41	8.25
May 11, 2011	10:54	7.54		13.68	8.49
May 18, 2011	10:24	7.31		14.99	8.37
May 23, 2011	10:17	7.10		16.71	7.29
June 2, 2011	10:27	7.47		19.52	6.73
June 9, 2011	10:30	7.48		20.14	6.81
June 22, 2011	10:17	7.28		22.49	5.28
June 30, 2011	10:20	7.47		22.61	4.25
July 7, 2011	10:15	7.36		24.78	5.13
July 12, 2011	10:22	7.45		26.03	5.30
July 27, 2011	10:00	7.40		25.94	4.35
August 3, 2011	10:25	7.35		26.93	4.37
August 11, 2011	10:35	7.37		26.39	4.18
August 22, 2011	10:30	7.26		23.98	4.01
September 12, 2011	11:05	7.49		21.59	4.76
September 19, 2011	10:01	7.38		20.43	5.35
September 28, 2011	10:10	7.37		21.06	4.72
October 26, 2011	10:21	7.53		15.66	6.26
November 3, 2011	10:10	7.56		12.32	8.41
December 5, 2011	10:42	7.53		10.91	8.06
2012					
January 12, 2012	10:53	7.87		6.65	10.56
February 9, 2012	11:05	8.13		6.25	12.22
March 8, 2012	10:35	8.07		7.26	12.63
April 23, 2012	10:40	7.58		14.77	11.50
May 3, 2012	10:15	7.35		13.70	5.06
May 8, 2012	10:15	7.57		15.43	7.50
May 16, 2012	10:36	7.45		16.67	6.84
May 21, 2012	10:00	7.38		18.50	8.33
June 4, 2012	10:23	7.39		20.87	6.13
June 12, 2012	10:00	—	NAPEFAI/EQF	22.01	4.40
June 21, 2012	10:00	—	NAPEFAI/EQF	23.19	5.40
June 27, 2012	10:08	—	NAPEFAI/EQF	23.02	4.92
July 9, 2012	10:05	—	NAPEFAI/EQF	26.52	3.87

July 18, 2012	10:02	7.68	25.68	4.65
August 2, 2012	09:54	7.24	25.88	3.79
August 16, 2012	10:17	7.41	26.07	3.66
August 23, 2012	10:08	7.30	25.58	3.34
September 6, 2012	10:07	7.30	25.67	4.23
September 12, 2012	10:32	7.36	24.29	4.43
September 18, 2012	10:31	7.41	23.01	5.18
September 24, 2012	10:49	7.48	22.01	5.61
October 16, 2012	10:00	7.53	16.62	7.42
November 27, 2012	08:38	7.53	8.66	9.22
December 4, 2012	08:58	7.38	8.51	9.23
2013				
January 10, 2013	08:30	7.52	5.39	10.40
February 4, 2013	09:08	7.59	3.62	12.80
March 12, 2013	08:50	7.76	5.25	12.66
April 3, 2013	08:49	7.84	6.62	10.94
May 1, 2013	10:12	7.33	13.50	7.56
May 8, 2013	10:20	7.55	15.45	8.79
May 13, 2013	10:16	7.43	15.46	6.69
May 20, 2013	10:25	7.51	15.04	6.14
May 29, 2013	10:07	7.41	15.92	6.41
June 6, 2013	09:53	7.74	17.74	5.84
June 20, 2013	09:58	7.44	18.48	5.39
July 2, 2013	09:57	7.39	22.80	4.65
July 10, 2013	10:00	7.71	20.62	4.11
July 17, 2013	10:06	7.58	24.68	5.04
July 24, 2013	10:18	7.62	26.10	4.20
August 1, 2013	10:18	7.71	24.45	5.57
August 7, 2013	09:45	7.82	23.32	4.81
August 13, 2013	10:31	7.38	24.63	4.73
August 22, 2013	10:50	7.87	23.35	3.93
August 28, 2013	10:20	7.62	23.52	4.82
September 10, 2013	10:07	7.50	22.29	4.86
September 16, 2013	10:18	7.67	21.55	5.01
September 23, 2013	10:28	7.47	19.86	5.89
October 3, 2013	10:24	7.16	19.66	6.26
November 19, 2013	10:40	8.43	10.03	9.06
December 2, 2013	10:24	7.93	6.09	10.40
2014				
January 13, 2014	10:14	7.35	2.83	11.19
February 4, 2014	11:28	8.36	0.71	27.11
March 6, 2014	10:07	7.55	1.07	11.73
April 8, 2014	10:35	8.85	5.92	11.15
May 1, 2014	11:10	8.74	9.42	14.55
May 13, 2014	10:26	7.17	12.18	8.09
May 19, 2014	10:36	7.66	14.46	8.44
June 5, 2014	10:28	7.39	17.88	6.79
June 11, 2014	10:38	7.46	18.48	7.21
June 19, 2014	10:41	7.21	21.57	5.12
June 26, 2014	10:25	8.00	21.68	7.72

July 2, 2014	10:22	7.80	22.83	5.58
July 10, 2014	10:30	7.73	21.22	7.30
July 15, 2014	10:10	7.66	23.09	4.89
July 28, 2014	10:15	7.66	23.05	5.20
August 4, 2014	10:24	7.70	22.77	6.11
August 12, 2014	09:50	7.39	23.48	5.46
August 20, 2014	10:25	7.71	22.64	6.10
August 27, 2014	10:20	7.46	23.32	5.78
September 8, 2014	10:16	7.77	23.70	6.21
September 15, 2014	10:20	7.31	22.65	4.56
September 24, 2014	10:35	7.34	21.14	5.75
September 30, 2014	10:23	7.34	21.64	5.68
October 7, 2014	10:28	7.34	19.20	6.13
November 17, 2014	10:20	7.36	11.15	7.85
December 2, 2014	10:15	7.39	8.28	8.77

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	97.8	20.1	—	20
	58.1	14.2	—	22
[redacted]				
	111.4	24.6	—	26
	93.8	17.1	—	26
	97.4	19.4	—	17
	81.7	22.0	—	33
	61.0	21.8	—	26
	60.1	19.1	—	18
	—	—	—	21
	—	—	—	17
	89.4	—	—	18
	—	—	—	15
	—	—	—	24
	—	—	—	18
	—	—	—	39
	47.7	—	—	19
	48.9	17.94	—	51
	70.7	19.93	—	19
	50.9	21.16	—	114
	74.5	18.88	—	36
	67.6	20.35	—	22
	61.0	19.89	—	26
	64.3	16.55	—	32
	76.2	18.45	—	22
	63.2	22.72	—	16
	68.2	20.2	—	22
	76.8	19.9	—	16
	78.6	22.40	—	24
	82.2	16.63	—	50
[redacted]				
	101.4	20.40	—	12
	143.9	10.97	—	12
	95.7	19.75	—	18
	98.4	18.13	—	31
	—	—	—	15
	92.3	22.38	—	24
	72.5	26.14	—	42
	61.4	21.49	—	27
	70.9	24.26	—	35
	62.4	26.07	—	15
	70.8	24.16	—	24
	55.2	27.57	—	14
	58.5	25.58	—	27
	—	—	—	18
	53.0	25.50	—	46

57.9	26.63	—	59
—	—	—	16
65.9	26.29	—	39
54.4	27.94	—	52
88.8	26.64	—	62
116.6	16.17	—	14
149.0	23.40	—	18
150.7	17.38	—	20
132.5	22.31	—	56
146.3	22.70	—	32
102.2	21.98	—	30
106.3	21.02	—	32
115.6	19.56	—	21
92.1	24.71	—	28
110.3	23.51	—	32
113.8	21.58	—	25
95.3	28.44	—	22
71.5	23.15	—	24
67.9	24.35	—	24
58.4	24.73	—	21
68.8	25.92	—	27
77.4	26.77	—	68
70.6	25.71	—	33
69.1	25.85	—	22
80.5	23.30	—	22
78.0	24.71	—	22
78.1	23.91	—	26
72.4	18.40	—	16
92.5	24.54	—	28
88.4	20.16	—	22
85.4	21.39	—	26
124.7	23.93	—	44
129.9	19.86	—	34
96.1	19.47	—	34
76.9	27.06	—	27
59.4	24.05	—	24
69.0	22.83	—	40
97.1	24.14	—	38
78.6	16.89	—	28
95.8	12.05	—	26
111.3	17.39	—	34
80.9	18.47	—	48
79.7	24.70	—	22
78.4	25.75	—	20
65.2	25.82	—	23
65.4	26.10	—	70

	55.3		23.87	—		11	
	50.4		24.95	—		21	
	40.1		26.12	—		17	
	63.3		24.18	—		19	
	66.2		25.54	—		26	
	88.9		22.23	—		14	
	69.3		23.28	—		21	
	92.7		24.34	—		14	
	60.5		25.96	—		28	
	68.5		22.10	—		28	
	71.7		21.40	—		23	
[redacted]							
	76.6		21.49	—		18	J-QC/FLD/RPO
	85.5		23.24	—		27	
	140.2		23.14	—		26	
	115.7		20.15	—		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.11	—		20	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.04	—		47	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	20.92	—		50	
	67.5		18.14	—		15	
	59.5		18.50	—		14	J-QC/FLD/RPO
	65.3		22.90	—		20	
	78.6		23.42	—		30	J-QC/FFD/RPO
	76.6		26.82	—		26	J-QC/FFD/RPO
	62.0		20.91	—		18	
	39.7		22.12	—		12	
	60.2		21.78	—		16	
NAPEFAI/EQF	—	NAPEFAI/EQF	23.41	—		22	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.29	—		24	
NAPEFAI/EQF	—	NAPEFAI/EQF	23.56	—		38	J-QC/FFB/FFDRPO
NAPEFAI/EQF	—	NAPEFAI/EQF	24.36	—		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	25.26	—		20	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.99	—		14	
	119.3		23.04	—		19	J-QC/FFD/RPO
	83.8		24.73	—		27	
	89.8		24.71	—		18	J-QC/FFD/RPO
[redacted]							
	103.2		21.45	—	NA	52	J-QC/FFD/RPO
	98.6		19.31	—	NA	36	
	101.1		19.25	—	NA	48	J-QC/FLD/RPO
	88.5		21.02	—	NA	46	
	84.3		21.05	—	NA	59	
	71.7		21.80	—	NA	46	
	83.5		24.33	—	NA	28	
	68.4		22.94	—	NA	52	
	82.5		23.61	—	NA	60	
	95.2		24.15	—	NA	46	
	64.2		24.08	—	NA	70	
	75.2		23.54	—	NA	48	
	64.9		24.28	—	NA	62	

68.8	23.78	—	NA	56	
62.6	26.67	—	NA	62	
53.8	26.32	—	NA	28	J-QC/FFB
58.2	25.46	—	NA	56	J-QC/FLD/RPO
82.2	25.20	—	NA	49	
74.8	23.69	—	NA	80	
72.8	24.68	—	NA	79	J-QC/FFD/RPO
82.4	24.37	—	NA	16	
100.1	21.80	—	NA	60	
93.2	21.34	—	NA	62	J-QC/FFB
92.2	18.87	—	NA	18	
[redacted]					
93.2	25.98	—	NA	24	
129.3	22.31	—	NA	30	J-QC/FLD/RPO
113.4	16.75	—	NA	34	
116.1	20.78	—	NA	12	
85.5	16.00	—	NA	44	
91.7	18.55	—	NA	57	
91.5	19.30	—	NA	56	
81.5	15.14	—	NA	42	J-QC/FLD/RPO
81.1	19.51	—	NA	44	
84.7	20.74	—	NA	19	
68.2	20.13	—	NA	17	J-QC/FFD/RPO
53.8	22.60	—	NA	18	
68.7	19.19	—	NA	14	
72.8	19.70	—	NA	27	
61.2	23.72	—	NA	23	
61.9	23.22	—	NA	80	
59.1	23.99	—	NA	66	J-QC/FFB
54.0	20.56	—	NA	16	
57.1	10.68	—	NA	34	
64.8	15.48	—	NA	38	
59.4	19.56	—	NA	50	
71.7	21.13	—	NA	46	J-QC/FFD/RPO
87.9	18.83	—	NA	45	
82.9	20.40	—	NA	18	J-QC/FFB
[redacted]					
100.7	23.87	—	NA	72	
109.5	24.46	—	NA	52	J-QC/FLD/RPO
122.8	24.25	—	NA	64	J-QC/FFD/RPO
128.2	24.03	—	NA	52	J-QC/FFD/RPO
54.3	23.03	—	NA	60	
86.4	20.65	—	NA	62	
80.4	22.20	—	NA	59	
98.7	21.27	—	NA	64	
78.1	22.45	—	NA	18	
56.7	22.01	—	NA	48	
71.4	21.56	—	NA	36	J-QC/FFB/FFDFLDRPO
64.5	20.41	—	NA	12	J-QC/FLD/RPO
54.8	23.09	—	NA	22	J-QC/FFD/RPO

65.5	25.15	—	NA	50	
55.4	25.02	—	NA	—	
51.5	25.34	—	NA	78	
46.5	23.99	—	NA	48	
59.6	24.60	—	NA	62	J-QC/FFB
61.0	25.29	—	NA	30	
70.7	26.65	—	NA	30	
74.3	24.94	—	NA	62	
87.3	26.34	—	NA	62	
95.3	28.85	—	NA	48	
92.5	24.53	—	NA	32	
[redacted]					
97.6	25.75	—	NA	57	[redacted]
113.7	24.09	—	NA	23	J-QC/FLD/RPO
116.3	23.12	—	NA	22	[redacted]
102.9	21.60	—	NA	50	
82.7	21.01	—	NA	20	J-QC/FFB
101.2	22.81	—	NA	53	[redacted]
76.8	22.86	—	NA	44	
[redacted]					
71.9	26.87	—	NA	48	J-QC
73.9	21.44	—	NA	58	J-QC/FFB/FFDFLDRPO
72.6	24.65	—	NA	70	[redacted]
65.4	21.43	—	NA	17	J-QC/FLD/RPO
58.2	20.75	—	NA	58	[redacted]
52.9	26.68	—	NA	62	
69.2	24.00	—	NA	50	
58.7	22.45	—	NA	56	
[redacted]					
76.4	22.95	—	NA	54	[redacted]
65.2	26.30	—	NA	56	J-QC/FFB
65.5	24.95	—	NA	54	[redacted]
53.6	27.74	—	NA	62	
64.8	23.73	—	NA	60	
64.3	24.35	—	NA	72	
66.0	25.87	—	NA	50	J-QC
75.8	26.97	—	NA	74	[redacted]
[redacted]					
80.3	26.81	—	NA	34	J-QC/FLD/RPO
95.6	27.97	—	NA	50	[redacted]
100.4	27.60	—	NA	68	
[redacted]					
95.5	21.20	—	NA	36	J-QC/FFD/FLDRPO
120.4	24.90	—	NA	60	J-QC
98.0	24.65	—	NA	47	J-QC
101.8	19.66	—	NA	36	
142.9	18.57	—	NA	41	
86.2	21.52	—	NA	38	
93.6	20.38	—	NA	87	
82.0	22.92	—	NA	27	
85.9	20.02	—	NA	36	
65.0	19.58	—	NA	34	
99.9	22.36	—	NA	44	

73.1	23.46	—	NA	52	J-QC/FLD/RPO
95.5	25.96	—	NA	48	
65.7	24.60	—	NA	37	
69.1	22.25	—	NA	38	
81.3	23.96	—	NA	36	
74.1	25.53	—	NA	44	J-QC
82.1	27.82	—	NA	44	
79.5	27.65	—	NA	40	J-QC/FLD/RPO
83.8	23.50	—	NA	38	
61.1	24.27	—	NA	54	
75.3	26.33	—	NA	41	
74.1	25.55	—	NA	46	
77.9	27.09	—	NA	42	
85.3	28.39	—	NA	41	
86.9	23.69	—	NA	43	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.17	5	6.48	0.060
0.88	2	<0.09	0.034
[redacted]			
0.56	3	<0.19	0.026
0.55	2	0.25	0.040
0.08	2	<0.19	0.045
0.71	2	<0.19	0.051
1.12	2	<0.19	0.067
1.85	3	0.20	0.103
1.10	2	0.28	0.092
0.69	<2	0.59	0.077
0.37	3	<0.19	0.066
1.97	4	0.22	0.058
3.30	<2	0.92	0.083
2.74	<2	<0.19	0.062
2.78	<2	<0.19	0.093
2.95	7	0.24	0.097
1.65	10	0.34	0.121
2.51	6	2.00	0.110
1.35	<2	<0.19	0.103
2.76	8	<0.19	0.105
1.42	<2	<0.19	0.103
1.34	<2	<0.19	0.100
1.11	<2	<0.19	0.127
0.82	6	<0.19	0.086
0.59	<2	<0.19	0.065
1.01	<2	<0.19	0.079
1.04	2	<0.19	0.118
0.73	9	<0.19	0.099
1.51	4	<0.19	0.082
[redacted]			
<1.00	6	<0.19	0.041
0.76	<2	<0.19	0.032
1.33	<2	<0.19	0.042
1.36	—	<0.19	0.061
1.04	<2	<0.19	0.040
0.87	<2	<0.19	0.041
1.69	13	0.50	0.094
1.99	<2	<0.27	0.102
1.49	<2	<0.27	0.094
1.28	<2	<0.27	0.085
1.48	<2	<0.27	0.134
1.24	<2	<0.27	0.086
1.38	4	<0.27	0.075
1.17	<2	<0.27	0.089
1.47	3	<0.27	0.072

1.33	<2	<0.27	0.127
1.27	3	<0.27	0.167
1.02	<2	<0.27	0.153
1.40	<2	<0.27	0.171
1.26	3	<0.27	0.170
1.36	<2	<0.27	0.122
1.13	<2	<0.27	0.040
1.12	5	<0.27	0.06
1.31	9	<0.27	0.033
0.99	5	<0.27	0.024
1.85	6	<0.295	0.042
1.70	5	<0.295	0.051
2.19	6	<0.295	0.091
1.29	—	<0.295	0.065
1.45	7	<0.295	0.066
1.62	<2	<0.295	0.076
1.01	3	<0.295	0.058
0.91	—	<0.295	0.039
1.06	—	<0.295	0.060
0.86	<2	<0.295	0.045
1.71	—	—	0.062
1.13	<2	<0.295	0.036
<1.00	—	<0.295	0.146
0.87	—	<0.295	0.156
1.10	—	<0.295	0.132
1.15	—	<0.295	0.090
0.83	—	<0.295	0.100
0.87	—	<0.295	0.059
0.85	<2	<0.295	0.047
0.97	—	<0.295	0.055
0.82	<2	<0.295	0.041
1.17	3	0.375	0.037
1.14	—	0.204	0.029
0.48	—	<0.039	0.019
<0.30	<2	0.416	0.119
0.30	<2	0.488	0.172
<0.30	<2	0.501	0.172
<0.30	<2	0.547	0.041
0.61	<2	0.408	0.027
1.36	<2	0.438	0.025
1.08	<2	0.540	0.053
<0.30	<2	0.536	0.058
0.32	<2	0.098	0.054
<0.30	<2	0.253	0.059
<0.30	<2	0.185	0.084
0.45	<2	0.271	0.071

0.68		<2		0.569		0.085
<0.30		<2		0.361		0.101
0.50		<2		<0.017		0.066
0.33		<2		0.433		0.089
<0.30		<2		0.068		0.081
<0.30		<2		0.343		0.065
0.33		<2		0.541		0.109
0.30		<2		0.551		0.140
<0.30		<2		0.872		0.122
<0.30		<2		0.445		0.073
<0.30		<2		0.348		0.097
[redacted]						
1.15	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.728	J-QC/FSL	0.056
0.39	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.560	J-QC/FSL/FMS	0.035
<0.30	KBJ-QC/FBK/FFBFFDRPO	<2	K	0.443		0.047
0.76	BJ-QC/FBK/FFBFFDRPO	<2	K	0.344		0.037
0.43	BJ-QC/FBK/FFBFLS	<2	K	0.637		0.059
0.90	BJ-QC/FBK/FFBFLS	<2	K	0.699	J-QC/FMS	0.089
<0.30	KJ-QC/FLS	<2	K	<0.018	KJ-QC/FMS	0.074
<0.30	KJ-QC/FFD/RPOFLS	<2	KJ-QC/FLS	0.626		0.091
0.96	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.318		0.072
<0.30	KBJ-QC/FBK/FFBFFDRPO	<2	K	0.081		0.047
0.60	BJ-QC/FBK/FFDRPO	<2	KJ-QC/FLS	0.158		0.041
<0.30	KJ-QC/FFB/FFDRPO	3		0.107		0.036
1.11	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.300		0.070
<0.30	KJ-QC/FLS	<2	KJ-QC/FLS	<0.018	K	0.051
<0.30	KBJ-QC/FBK/FFDRPO	<2	K	0.198		0.055
0.63	BJ-QC/FBK/FFBFFDRPOFLS	—	NAP	0.132	J-QC/FMS	0.053
0.50	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.249		0.065
1.11	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.341		0.063
0.93	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FLS	0.285		0.099
1.26	BJ-QCJ-HT/FBK/FFDRPOFLSEHT	<2	K	0.361		0.096
<1.00	KJ-QC/FFD/RPO	<2	KJ-QC/FFB	0.473		0.118
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	0.336	J-QC/FMS	0.084
0.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.158		0.078
0.55	BJ-QC/FBK/FFBFLS	<2	K	0.213		0.073
[redacted]						
0.33	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.135		0.0190
0.47	BJ-QC/FBK/FFBFFDRPO	3	J-QC/FFB	0.252		—
0.62	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.347		0.0454
0.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.211		0.0733
0.59	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.382		0.0823
0.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.282	J-QC/FFD/RPO	0.0660
0.52	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.292		0.0577
0.56	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.624		0.0848
0.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.055		0.0851
0.59	BJ-QC/FBK/FFBFLS	<2	K	0.257		0.0533
0.70	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	KJ-QC/FMS	0.0661
0.60	BJ-QC/FBK/FFBFLS	<2	K	0.594		0.0938
0.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.445		0.0824

0.55	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0693
0.45	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.294		0.0812
0.53	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.755		0.1226
0.66	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.215		0.1066
0.48	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.273		0.0796
0.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.325		0.0886
0.63	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.362		—
0.65	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.0964
0.50	BJ-QC/FBK/FFBFLDRPOFLS	4		0.351		0.0907
0.79	BJ-QC/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.463		0.0629
2.10	BJ-QC/FBK/FFB	<2	K	0.473		0.0593
[redacted]						
0.50	BJ-QC/FBK/FFBFLS	<2	K	0.136		0.0405
0.47	BJ-QCJ-HT/FBK/FFBFLSEHT	5	J-QC/FLS	0.106		0.0442
1.71	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0293	K	0.0218
0.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.471	J-QC/FMS	0.0338
0.86	BJ-QC/FBK/FFB	<2	K	0.468		0.0359
1.23	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	<0.0293	K	0.0376
1.05	BJ-QC/FBK/FFBFFDRPOFLS	2	J-QC/FFB/FFDRPOFLS	0.708		0.0634
1.35	BJ-QC/FBK/FFBFLS	<2	K	0.452		0.0701
0.61	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	<0.0293	K	0.0409
0.36	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.441		0.0443
0.64	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.506		0.0629
0.64	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.381	J-QC/FMS	0.0495
0.63	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.053	J-RJ-QC/FFD/RPO	0.0690
1.14	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.043	J-R	0.0310
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.457		0.0493
0.36	BJ-QC/FBK/FFBFLS	2	J-QC/FLS	0.572		0.0795
0.43	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.533	J-QC/FFB	0.0754
0.56	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.223	J-QC/FFD/RPO	0.0576
1.32	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.250		0.0644
0.77	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.386		0.0647
0.44	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QC/FLS	0.314		0.0561
0.96	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.314		0.0427
1.15	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.180	J-QC/FFB	0.0597
1.65	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.422		0.0702
[redacted]						
0.69	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.252		0.0363
0.56	BJ-QC/FBK/FFB	—	NAPQNS	1.078	J-QC/FMS	—
0.81	BJ-QC/FBK/FFB	<2	K	0.511	J-QC/FSL/FMS	0.0023
1.16	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.460		0.0524
0.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.565		0.0747
0.59	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.523	J-QC/FMS	0.0797
0.57	BJ-QC/FBK/FFB	<2	K	<0.0378	K	0.0761
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.199		0.0568
0.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.199	J-QC/FMS	0.0522
0.53	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	0.497		0.0704
0.44	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.413	J-QC/FMS	0.0656
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.492	J-QC/FMS	0.0542
0.64	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFB/FFDRPO	0.380	J-QC/FMS	0.0581

0.55	BJ-QC/FBK/FFBFLS	<2	K	0.132	J-QC/FMS	0.0393
0.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.449	J-QC/FMS	0.0881
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.470		0.0761
2.02	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.644		0.0233
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.496		0.1842
0.49	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	KJ-QCJ-HT/FLS/EHT	0.464	J-QC/FMS	0.2221
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.232		0.2266
0.47	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.560		0.1678
0.46	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.522		0.1420
—	NA	—	NRP	0.400	J-QC/FMS	0.0632
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.868	J-QC/FLD/RPOFMS	0.0787
[redacted]						
—	NA	<2	KJ-QC/FMS	0.328	J/LLS	0.0474
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.479	J-QC	0.0381
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.371	J-QC/LLS/FSLFMS	0.0502
—	NA	<2	KJ-QC/FMS	0.502		0.0365
—	NA	<2	KJ-QC/FMS	0.789		0.0643
—	NA	<2	KJ-QC/FMS	0.551	J-QC/FMS	0.0723
0.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.568	J-QC/FMS	0.0645
0.36	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.465	J-QC	0.0615
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.551	J-QC/FSL/FMS	0.0737
0.60	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.335	J-QC/LLS/FSLFMS	0.0505
1.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.596		0.0398
0.76	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QCJ-HT/FMS/EHT	0.416	J-QC/FMS	0.0476
0.45	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.443	J-QC/FMS	0.0291
0.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.494		0.0479
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	0.693		0.0551
<0.30	KBJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.422	KJ-QC/FMS	0.0564
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.253	J/LLS	0.0543
<0.30	KBJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FMS	0.259	J-QC/LLS/FMS	0.0622
0.57	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.470		0.0652
0.38	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.386	J/LLS	0.0578
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.603		0.0863
0.34	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-HT/EHT	0.651		0.0820
0.40	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	0.621		0.1004
0.43	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.368	J/LLS	0.0843
0.81	BJ-QC/FBK/FFBFLS	<2	K	0.571		0.0860
0.73	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FMS	0.234	J-QC/LLS/FFDRPO	0.0585
[redacted]						
0.84	BJ-QC/FBK/FFBFMS	<2	K	0.310	J-QC/LLS/FFB	0.0305
0.61	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.500		0.0384
0.59	BJ-QC/FBK/FFBFMS	<2	K	0.298	J/LLS	0.0413
0.66	BJ-QC/FBK/FFB	<2	K	0.364	J-QC/LLS/FFB	0.0530
0.76	BJ-QC/FBK/FFB	<2	KJ-QC	0.420	J-QC/FFB	0.0343
0.45	BJ-QC/FBK/FFBFMS	<2	K	0.045	J-R/LLS	0.0303
0.52	BJ-QC/FBK/FFB	<2	K	0.233	J/LLS	0.0436
0.81	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.557		0.0561
1.92	BJ-QC/FBK/FFBFMS	<2	K	0.358	J-QC/LLS/FFB	0.0489
0.64	BJ-QC/FBK/FFBFMS	<2	K	0.647		0.0744
1.17	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	—	NRP/LBF	0.0547

0.64	BJ-QCJ-HT/FBK/FFB	<2	K	0.234	J-QC/LLS/FFB	0.0572
0.97	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.078	J/LLS	0.0461
0.79	BJ-QC/FBK/FFB	<2	KJ-QCJ-HT/FLS	0.396	J-QC/LLS/FSL	0.0609
0.37	BJ-QC/FBK/FFBFMS	<2	KJ-HT	1.070	J-QC/FFD/RPO	0.0583
1.25	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT	<0.0267	KJ-QC/FFD/RPO	0.0729
0.79	BJ-QCJ-HT/FBK/FFBFMS	8	J-QC/FLS	0.139	QC/LLS/FLDRPOFSLFI	0.0634
0.56	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.151	J/LLS	0.0750
0.36	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.162	J-QC/LLS/FFDRPO	0.0862
0.38	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.067	J/LLS	0.0756
0.98	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.524		0.1071
0.78	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.368	J/LLS	0.0913
0.69	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.713	J-QC/FSL	0.1207
0.71	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.396	J-QC/LLS/FMS	0.1168
0.53	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.436		0.0751
0.56	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.357	J/LLS	0.0640

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	0.70	0.190	0.17	–
	0.88	0.221	0.13	–
[redacted]				
	0.52	0.134	0.12	–
	0.61	0.152	0.15	–
	0.45	0.097	0.10	–
	0.43	0.180	0.15	–
	0.55	0.206	0.35	–
	0.64	0.200	0.20	–
	0.52	0.213	0.21	–
	0.57	0.185	0.17	–
	0.55	0.159	0.15	–
	0.61	0.147	0.15	–
	0.52	0.232	0.22	–
	1.80	0.254	0.21	–
	0.50	0.208	0.21	–
	0.69	0.286	0.30	–
	0.69	0.288	0.25	–
	0.65	0.228	0.21	–
	0.58	0.250	0.23	–
	1.05	0.238	0.22	–
	0.46	0.246	0.21	–
	0.49	0.180	0.30	–
	0.64	0.274	0.34	–
	0.62	0.218	0.33	–
	0.42	0.186	0.22	–
	0.45	0.199	0.12	–
	0.65	0.177	0.20	–
	1.02	0.244	0.15	–
	0.84	0.318	0.29	–
[redacted]				
	0.53	0.110	0.09	–
	0.55	0.105	0.20	–
	0.58	0.148	0.16	–
	1.07	0.177	0.20	–
	0.45	0.176	0.13	–
	0.22	0.129	0.13	–
	1.13	0.244	0.20	–
	0.52	0.266	0.21	–
	0.66	0.202	0.19	–
	0.81	0.206	0.22	–
	0.75	0.282	0.27	–
	0.45	0.230	0.23	–
	0.34	0.241	0.23	–
	0.42	0.296	0.27	–
	0.54	0.293	0.30	–

0.54	0.335	0.32	—
0.72	0.218	0.27	—
0.67	0.275	0.30	—
0.88	0.579	0.54	—
0.96	0.310	0.28	—
0.80	0.209	0.20	—
0.67	0.160	0.16	—
0.64	0.17	0.15	—
0.52	0.231	0.13	—
0.33	0.119	0.04	—
0.56	0.140	0.13	—
0.85	0.101	0.18	—
0.84	0.211	0.19	—
0.53	0.116	—	—
0.52	0.109	0.24	—
0.48	0.155	0.20	—
0.42	0.153	0.16	—
0.38	0.236	—	—
1.66	0.178	—	—
0.29	0.146	0.14	—
0.28	0.170	—	—
0.50	0.204	0.15	—
0.65	0.187	—	—
0.46	0.197	—	—
0.45	0.202	—	—
0.81	0.183	—	—
0.52	0.198	0.22	—
0.92	0.173	0.12	—
0.77	0.120	0.15	—
0.920	0.105	0.06	—
0.382	0.137	0.12	—
0.546	0.158	0.13	—
0.510	0.117	0.06	—
0.414	0.089	0.07	—
1.57	0.206	0.17	—
1.39	0.34	0.23	—
0.976	0.32	0.27	—
0.622	0.13	0.12	—
—	0.09	0.08	—
0.548	0.09	0.09	—
1.90	0.15	0.13	—
0.850	0.16	0.14	—
0.681	0.12	0.13	—
0.848	0.18	0.12	—
0.650	0.20	0.20	—
1.65	0.29	0.25	—

	1.20		0.26		0.21		—	
	2.04		0.24		0.22		—	
	0.774		0.20		0.18		—	
	1.10		0.23		0.23		—	
	0.754		0.22		0.22		—	
	0.697		0.22		0.21		—	
	0.661		0.24		0.21		—	
	1.47		0.40		0.39		—	
	1.04		0.21		0.19		—	
	0.843		0.16		0.15		—	
	1.26		0.23		0.15		—	
	0.805	J-QC/FFD/RPO	0.13	J-QC/FFB	0.12		—	
J-QC/FFB	0.411		0.09		0.10		—	
J-QC/FFB	0.984	J-QC/FLS	0.11		0.09		—	
	1.01		0.10		0.08		—	
	0.700	J-QC/FFD/RPO	0.15		0.10		—	
J-QC/FFB	0.782		0.13		0.13		—	
	0.530		0.13		0.12		—	
	0.879		0.17	J-QC/FFD/RPO	0.15		—	
	0.676		0.15		0.11		—	
	0.544		0.14		0.13		—	
	3.13	J-QC/FFB	0.18		0.17		—	
	0.515	J-QC/FFB	0.24		0.14		—	
	0.431	J-QC/FFB	0.20		0.18		—	
	0.653		0.21		0.19		—	
	2.47		0.25	J-QC/FFB	0.17		—	
	0.826		0.18		0.16		—	
	0.451		0.20	J-QC/FFD/RPO	0.17		—	
J-QC/FFB	0.429		0.24		0.26		—	
	1.48	J-QC/FFB	0.22		0.19		—	
	0.592	J-QC/FFB	0.32	J-QC/FFB	0.22		—	
	1.29	J-QC/FFB	0.23		0.19		—	
J-QC/FFB	1.14		0.17		0.17		—	
	1.14		0.18		0.15		—	
	0.630		0.17		0.13		—	
	0.408		0.13		0.09		—	NA
NAPQNS	0.712		0.09		0.07		—	NA
	0.741		0.12	J-QC/FLD/RPO	0.10		—	NA
	0.405		0.15		0.13		—	NA
	0.611		0.16		<0.05	KJ-QC/FLS	—	NA
J-QC/FFB	0.445		0.25	J-QC/FFB/FFDRPO	0.22	J-QC/FFD/RPO	—	NA
	0.184		0.15		0.13		—	NA
	0.491		0.22		0.20		—	NA
	0.464		0.20		0.18		—	NA
	0.263		0.18		0.14		—	NA
	0.742		0.25		0.20		—	NA
	0.528		0.26		0.24		—	NA
	0.363		0.23		0.20	J-QC/FLD/RPOFLS	—	NA

	0.386		0.21	J-QC/FLD/RPOFLS	0.20		—	NA
	0.343		0.23		0.19		—	NA
	0.491		0.28		0.24		—	NA
	0.463		0.26		0.22		—	NA
	0.576		0.22		0.19		—	NA
	0.932		0.24		0.21		—	NA
A	0.281		0.21		0.18		—	NA
	1.21		0.25	J-QC/FLS	0.20		—	NA
	0.603		0.23		0.22		—	NA
	0.8414		0.19		0.17		—	NA
	0.909		0.16		0.14		—	NA
[redacted]								
	0.4430		0.11		0.08		—	NA
J-QC/FFB	0.7160		0.06		0.06		—	NA
	1.0832	J-QC/FFD/RPO	0.10		0.14		—	NA
J-QC/FFB	1.2967	J-QC/FFB/FFDRPOFLS	0.11		0.09		—	NA
	0.5433		0.12		0.07		—	NA
	0.4059		0.14		0.14		—	NA
	0.5350		0.16		0.17		—	NA
	0.8283	J-QC/FFB/FFDRPOFLS	0.14		0.13		—	NA
	0.3905	J-QC/FLS	0.12		0.09		—	NA
	0.1210		0.14		0.11		—	NA
J-QC/FFB	0.5833		0.14		0.12		—	NA
J-QC/FFB	0.3381	J-QC/FFB/FLS	—	A/LBF	0.13		—	NA
J-QC/FFB	0.5232		0.18	J-QC/FLD/RPOFLS	0.15	J-QC/FLS	—	NA
J-QC/FFB	0.4787		0.20	J-QC/FLD/RPO	0.19		—	NA
	—	A/LBF	0.19		0.18		—	NA
	0.4401		0.24		0.20		—	NA
	0.4417		0.20		—	A/LBF	—	NA
J-QC/FFB	0.5257		0.19		0.16		—	NA
	0.2777		0.16		0.13		—	NA
J-QC/FFB	0.3814		0.15		0.12		—	NA
J-QC/FFB	0.4775		0.14		0.12		—	NA
	0.5341		0.13		0.11	J-QC/FFD/RPO	—	NA
J-QC/FFB	0.6560		0.15		0.12		—	NA
J-QC/FFB	0.6285		0.14		0.13		—	NA
[redacted]								
J-QC/FFB	0.5348		0.11		0.09		—	NA
NAPQNS	—	NAPQNS	0.10		0.08		—	NA
J-R	1.1347		0.11		0.09		—	NA
J-QC/FFB	0.5159		0.13		0.10		—	NA
J-QC/FFB	0.6122		0.14		0.09		—	NA
J-QC/FFB	0.8220		0.15		0.13		—	NA
J-QC/FFB	0.5629	J-QC/FFB	—	C	0.12		—	NA
J-QC/FFB	0.4705	J-QC/FLS	0.14		0.09		—	NA
J-QC/FFB	1.0647		0.15		0.10		—	NA
J-QC/FFB	0.5474		0.23	J-QC/FFB	0.15		—	NA
J-QC/FFB	0.4286		0.15		0.14		—	NA
J-QC/FFB	0.7110	J-QC/FLS	0.17		0.15		—	NA
	0.5034		0.18		0.17		—	NA

	0.3380	J-QC/FLS	—	A/LBF	0.15		—	NA
	0.8630	J-QC/FFB	0.22		0.20		—	NA
	0.6509		0.21		0.20		—	NA
J-QC/FFB	0.5776	J-QC/FLS	0.25		0.23		—	NA
	0.6610	J-QC/FLS	0.27	J-QC/FLS	0.25		—	NA
	0.7276		0.23	J-QC/FLD/RPO	0.24		—	NA
	0.8160		0.21		0.23		—	NA
	0.9047		0.26		0.23		—	NA
	0.9771	J-HT/EHT	0.21		0.20		—	NA
	0.4894	J-QCJ-HT/FLS/EHT	0.15		0.13		—	NA
J-QC/FFB	1.1736		0.17		0.15		—	NA
[redacted]								
J-QC/FFB	0.4773	J-QC/FFD/RPO	0.15	J-QC	0.13	J-QC/FFD/RPO	—	NA
J-QC/FFB	0.6096	J-QC/FFB	0.12	J-QC	0.10	J-QC	—	NA
[redacted]	0.8672	[redacted]	0.15	[redacted]	0.11	[redacted]	—	NA
J-QC/FFB	1.1863	J-HT/EHT	0.10		0.09		—	NA
J-QC/FFB	0.9249	J-QC/FFB/FFDRPO	0.18	J-QC	0.15		—	NA
J-QCJ-HT/FFB/EHT	0.7116	J-QCJ-HT/FFB/EHT	0.16	J-QC/FLD/RPOFMS	0.12		—	NA
J-QC/FFB	0.4657	[redacted]	0.15	[redacted]	0.13	J-QC/FLD/RPO	—	NA
J-QCJ-HT/EHT	0.4754	J-QC	0.13	J-QC	0.13	J-QC	—	NA
[redacted]	0.5635	[redacted]	0.16	J-QC	0.16	J-QC	—	NA
	0.4533		0.12	J-QC	0.11	J-QC	—	NA
J-QC/FFB/FLS	0.4444	J-QC/FFD/RPOFLS	0.14	[redacted]	0.13	J-QC	—	NA
[redacted]	0.4883	J-QC/FLS	0.25	J-QC/FLD/RPOFSL	0.15	[redacted]	—	NA
J-QC/FFB	0.4273	[redacted]	0.12	[redacted]	0.10		—	NA
[redacted]	0.3351	J-QC/FFB/FLS	0.16	J-QC/FFD/RPO	0.14	J-QC/FLD/RPO	—	NA
J-QC/FFB/FLS	0.9391	[redacted]	0.17	J-QC	0.16	[redacted]	—	NA
J-QC/FFB	0.5266	[redacted]	0.18	J-QC	0.16	J-QC	—	NA
J-QC/FFB	0.5081		0.14	J-QC/FLD/RPO	0.15	[redacted]	—	NA
J-QC/FFB	0.4703	J-QC/FFD/RPO	0.18	[redacted]	0.17		—	NA
[redacted]	0.3579	J-QC/FFB	0.19	J-QC	0.18	J-QC	—	NA
J-QC/FFB	0.4039	[redacted]	0.17	J-QC/FMS	0.17	[redacted]	—	NA
[redacted]	0.6109		0.21	[redacted]	0.19		—	NA
	0.6852	J-QC/FFB	0.24		0.22		—	NA
J-QC/FFB	0.6636	J-QC/FLS	0.20		0.17		—	NA
[redacted]	0.6045	[redacted]	0.19	J-QC/FFB	0.09	J-QC/FFD/RPO	—	NA
	0.6303	J-QC/FFB	0.18	J-QC/FFD/RPO	0.14	[redacted]	—	NA
J-QC/FFB	0.7499	J-HT/EHT	0.16	I-QC/FFB/FFDFLDRPC	0.12		—	NA
[redacted]								
	0.3930		0.10		0.08		—	NA
J-QC/FFB	0.5093		0.13		0.11		—	NA
J-QC/FFB	0.4019		0.09		0.06		—	NA
I-QC/FFB/FFDRPC	0.4524		0.11	J-QC/FFB/FLDRPO	0.08		—	NA
J-QC/FFB	0.3849		0.09	J-QC/FMS	0.08		—	NA
	0.3775		0.12	J-QC/FFB	0.09		—	NA
	0.4275		0.09		0.08		—	NA
J-QC/FFB	0.3866		0.10		0.10		—	NA
J-QC/FFB	0.2613	J-HT	0.08	J-QC/FMS	0.07		—	NA
J-QC/FFB	0.7445		0.16	J-QC/FLD/RPO	0.15		—	NA
J-QC/FFB	0.3250		0.12		0.10		—	NA

J-QC/FFB	0.5322		0.14	J-QC/FMS	0.14	J-QC/FFB	—	NA
J-QC/FFB	2.2483	J-QC	0.15	-QC/FFB/FLDRPOFM	0.12		—	NA
J-HT/EHT	0.4412		0.18	J-QC/FFB	0.16		—	NA
J-QC/FFB	0.4406		0.17		0.16	J-QC/FMS	—	NA
J-QCJ-HT/FFB	0.4747		0.16		0.15		—	NA
	0.5201		0.15	J-QC	0.15		—	NA
J-QC/FFB	0.6307	J-HT	0.21		0.15	J-QC/FFB	—	NA
	0.6936		0.20		0.17		—	NA
J-QC/FFB	0.4934		0.20	J-QC/FMS	0.17		—	NA
	0.9882		0.25	J-QC/FFB/FMS	0.21		—	NA
	0.5602	J-QC	0.23		0.18		—	NA
J-QC/FFB	0.8488		0.25		0.21		—	NA
J-QC/FFB	0.7942	J-QC	0.23		0.19		—	NA
	0.5638		0.20	J-QC/FFB	0.15		—	NA
J-QC/FFB	0.6003		0.15		0.13	J-QC	—	NA

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
3.5	0.00	0.00
3.6	0.00	0.36
21.0	0.00	0.00
4.3	0.00	0.00
4.0	0.05	0.05
3.0	0.04	0.04
3.9	0.01	0.10
1.8	0.29	0.47
2.9	0.27	0.53
5.0	0.00	0.00
1.0	0.00	0.31
4.5	0.00	0.00
0.7	0.00	0.00
4.4	0.00	0.57
2.5	0.00	0.00
<0.5	0.09	0.94
3.3	0.00	0.02
<0.5	0.39	0.39
6.9	0.00	0.00
3.9	0.00	0.00
<0.5	0.00	0.10
4.5	0.00	0.00
4.9	0.00	0.00
0.5	0.53	2.80
6.1	0.04	0.04
7.5	0.00	0.00
5.3	0.78	0.78
4.2	0.01	0.04
4.3	0.00	0.66
2.2	0.00	0.01
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
0.7	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.66	0.66
3.0	0.46	0.50
1.4	0.95	1.78
2.2	0.00	0.00
4.6	0.00	0.00
2.8	0.00	0.00

4.5	0.00	0.00	[redacted]
9.5	0.00	0.00	
3.1	0.00	0.01	
2.9	0.00	0.00	
6.9	0.00	0.00	
2.9	0.03	0.03	
6.7	0.00	0.00	
[redacted]			
6.9	0.04	0.04	
5.5	0.00	0.11	
3.2	0.00	0.00	
4.1	0.00	0.00	
4.8	0.00	0.00	
5.5	0.00	0.00	
—	0.22	0.22	
2.0	0.00	0.00	
1.9	0.00	0.00	
1.4	0.12	0.13	
—	0.00	0.00	
—	0.00	0.00	
14.6	0.00	0.00	
—	0.00	0.00	
5.0	0.00	0.00	
—	0.00	0.02	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.01	
9.6	0.01	1.12	
1.6	0.04	0.23	
1.1	0.20	0.20	
[redacted]			
1.5	0.00	0.00	
1.3	0.00	0.00	
2.0	0.00	0.25	
1.3	0.17	0.27	
<0.5	0.00	0.32	
<0.5	1.09	1.14	
5.9	0.00	0.00	
4.9	0.00	0.00	
[redacted]			
2.6	0.01	0.01	
3.5	0.00	0.00	
3.1	0.00	0.00	
3.8	0.00	0.00	
5.9	0.00	0.00	
3.9	0.12	0.98	
3.5	0.28	0.28	
4.2	0.00	0.00	
5.1	0.00	0.03	

5.1		0.00	0.00
4.9		0.18	0.18
2.7		0.00	0.00
3.2		0.00	0.00
3.2		0.00	0.00
2.9		0.71	0.71
2.8		0.00	0.00
7.3		0.00	0.00
3.7		0.01	0.01
22.6		0.65	0.65
3.7		0.00	0.12
[redacted]			
4.1		0.00	1.25
4.2		0.00	0.00
4.8	J-QC/FFB	0.00	0.00
4.2		0.32	0.32
4.4		0.34	0.88
5.8		0.00	0.00
6.2		0.43	0.68
14.5	J-QC/FFD/RPO	2.01	2.01
—	NAPEFAI/EQF	0.00	0.00
4.0	J-QC/FFB	0.00	0.08
3.7		0.00	0.00
4.2	J-QC/FFB	1.44	1.44
4.6		3.33	3.33
5.1	J-QC/FFB/FSL	0.00	0.00
5.3		0.04	0.04
4.6		0.00	1.13
4.3	J-QC/FFB	0.00	0.01
3.9	J-QC/FFB	0.00	0.00
4.2	J-QC/FFB	0.00	0.00
4.4	J-QC/FFB	0.00	0.00
4.0	J-QC/FFB	0.04	0.04
3.7	J-QC/FFB	0.00	0.17
3.7	J-QC/FFB	0.00	0.00
4.1	J-QC/FFB	0.00	0.00
[redacted]			
4.50	J-QC/FFB/FFDRPO	0.00	0.00
3.92		0.00	0.00
3.75		0.00	0.00
3.70	J-QC/FFB	1.43	1.43
4.47		0.00	0.00
3.57	J-QC/FFB	0.00	0.00
3.60	J-QC/FFB	0.02	1.13
4.31	J-QC/FFB	0.00	0.00
3.93	J-QC/FFB	0.00	0.43
4.00	J-QC/FFD/RPO	0.00	0.00
3.90	J-QC/FFB	1.09	1.09
3.61		0.00	0.00
3.50	J-QC/FFB	0.00	0.00

2.90	J-QC/FFB	0.01	0.01
3.90	BJ-QC/FBK/FFB	0.00	0.00
4.10	J-QC/FFB	0.00	0.00
3.70	J-QC/FFB	0.71	0.73
3.40	J-QC/FFB	0.00	0.00
3.80	J-QC/FFB	0.00	0.00
3.40	J-QC/FFB	0.09	0.09
3.40	J-QC/FFB	0.16	1.21
2.90		0.27	0.28
4.00		0.50	0.50
4.40		0.00	0.00
[redacted]			
4.1		0.00	0.00
4.4	J-QC/FFB	0.10	0.10
4.4		0.00	0.00
2.6	J-QC/FFB	0.67	0.71
3.5	BJ-QC/FBK/FFB	0.57	0.57
3.8	J-QC/FFB	0.00	0.00
3.2	J-QC/FFD/RPO	2.39	3.03
3.5	BJ-QC/FBK/FFDRPO	0.03	0.03
2.5	J-QC/FFB	0.00	0.00
2.7		0.12	0.12
2.6	J-QC/FFB	0.08	0.08
2.5	J-QC/FFB/FFDRPO	0.00	0.00
2.8	J-QC/FFB	0.00	0.00
4.0	J-QC/FFB	0.00	0.00
3.8	J-QC/FFB	0.00	0.00
3.5	J-QC/FFB	0.69	0.69
4.3	J-QC/FFB	0.00	0.00
3.2	J-QC/FFB	0.00	0.70
4.1	J-QC/FFB	0.00	0.00
4.3	J-QC/FFB	0.00	0.00
4.5	BJ-QC/FBK/FFB	0.07	0.07
3.0		0.00	0.00
2.7		0.00	0.00
4.4		0.00	0.00
[redacted]			
2.8		1.48	1.62
3.3	J-QC/FFB	0.01	0.03
3.6	BJ-QC/FBK/FFB	0.00	0.00
1.5	J-QC/FFB	0.30	2.82
2.4	J-QC/FFB	0.91	1.11
2.3	J-QC/FFB	0.03	0.03
2.0	J-QC/FFB	0.18	0.91
2.2	J-QC/FFB	1.94	1.94
2.3	J-QC/FFB	1.36	1.37
2.2	BJ-QC/FBK/FFB	1.12	1.12
2.1		0.00	0.00
2.1	J-QC/FFB/FFDRPO	0.00	0.00
2.7	BJ-QC/FBK/FFBFLDRPO	0.00	0.02

4.6	J-QC/FFB	0.39	0.39
3.4		0.00	0.23
2.3	J-QC/FFB	0.00	0.29
2.3	J-QC/FFD/RPO	0.00	0.00
1.3		0.00	0.11
2.1		0.00	0.00
2.0		1.00	1.00
2.0		0.00	0.00
3.8	J-QC/FFB	0.00	0.35
3.6	BJ-QC/FBK/FFB	0.00	0.46
2.5	J-QC/FFB/FFDRPO	0.02	0.05
[redacted]			
2.55	J-QC/FFB	0.54	0.54
3.66	BJ-QC/FBK/FFB	0.02	0.02
3.16	J-QC/FFB	0.00	0.68
2.2	J-QC	0.00	0.00
2.5	J-QC/FFD/RPO	0.00	0.00
3.1	J-QC	1.46	2.61
3.1	J-QC/FFB/FFDRPOFMS	0.00	0.00
4.1	J-QC	0.00	0.00
4.7	J-QC	0.00	0.00
2.5		3.71	3.89
5.8	J-QC	0.00	0.00
4.7	B/FBK	0.02	1.47
3.6	J-QC/FLD/RPO	0.00	0.00
4.0		0.00	0.00
4.3	J-QC/FFB/FFDRPO	0.00	0.57
3.3	J-QC/FFB	0.88	0.88
3.1	J-QC	0.00	0.00
4.2	J-QC	1.01	1.41
6.1	J-QC/FSL	0.49	0.49
4.0		0.85	0.86
1.7		0.00	0.00
2.0	J-QC	0.04	0.04
1.7	J-QC/FLD/RPOFSL	0.00	0.48
2.91	J-QC	0.00	0.00
5.52	J-QC/FFD/RPOFSL	0.00	0.19
3.39	J-QC/FFD/RPO	0.00	0.00
[redacted]			
1.5	J-QC/FMS	0.00	0.14
1.5	J-QC/FFB/FMS	0.00	0.95
4.8	J-QC/FFB	0.00	0.00
2.9		0.67	0.78
3.6	B/FBK	1.02	1.06
3.0	B/FBK	0.00	0.00
4.2		0.00	0.00
3.4	J-QC/FMS	0.78	0.78
3.4	J-QC/FMS	0.03	0.03
2.9	J-QC/FLD/RPO	0.00	0.00
3.4	J-QC/FFB	0.20	0.22

2.4	J-QC/FMS	1.20	1.20
0.6		0.00	0.00
0.7		0.73	1.48
1.6	J-QC/FMS	0.28	0.36
1.2		0.00	0.07
2.0	3J-QC/FBK/FFBFLDRPOFMS	0.09	0.09
1.7		0.00	0.00
3.7		0.00	0.00
2.3	J-QC/FFD/RPO	0.00	0.00
2.6		0.00	0.00
2.1	J-QC/FFB/FFDRPO	0.00	0.00
3.2		0.00	0.00
1.5	J-QC/FFD/RPO	0.01	0.01
2.3	J-QC/FLD/RPO	1.86	1.88
2.0		0.08	0.18

Station #25 Raritan River	Time	pH	Temp (^{0}C)	DO (mg/L)
2004				
February 2, 2004	11:00	6.53	0.5	13.01
February 24, 2004	11:00	6.87	4.65	20.10
March 2, 2004	11:00	8.50	7.1	17.10
March 9, 2004	11:00	6.11	6.3	13.50
April 6, 2004	11:00	7.16	6.84	17.00
April 20, 2004	11:00	7.01	17.2	10.10
May 4, 2004	11:00	6.48	14.3	9.60
May 18, 2004	11:00	7.19	21.8	7.80
June 2, 2004	11:00	7.18	19.2	7.91
June 16, 2004	11:00	7.53	25.5	10.80
July 7, 2004	11:00	7.49	25.5	13.40
July 21, 2004	11:00	7.28	24.4	11.90
August 4, 2004	11:00	7.14	—	8.10
August 18, 2004	11:00	—	—	—
September 1, 2004	11:00	—	—	—
September 14, 2004	11:00	7.76	21.95	10.80
October 7, 2004	11:00	7.42	15.45	10.92
October 19, 2004	11:00	7.56	11.70	12.80
November 3, 2004	11:05	7.84	12.58	12.71
November 16, 2004	11:00	7.70	6.18	13.02
December 2, 2004	11:00	7.48	7.46	11.59
December 14, 2004	11:00	7.93	6.03	12.57
2005				
January 11, 2005	11:00	7.85	4.38	15.77
February 8, 2005	11:00	7.79	1.78	18.50
February 22, 2005	11:00	7.78	2.56	14.20
March 9, 2005	11:00	7.75	1.68	15.26
March 15, 2005	11:00	9.55	5.41	16.50
April 6, 2005	11:00	7.35	10.2	13.46
April 19, 2005	11:00	7.96	15.89	12.69
May 2, 2005	11:00	7.46	14.32	13.46
May 17, 2005	11:00	8.56	20.4	13.55
June 8, 2005	11:00	7.60	25.2	8.47
June 22, 2005	11:00	7.90	24.5	15.32
July 6, 2005	11:00	7.60	25.5	8.57
July 20, 2005	11:00	7.83	27.7	8.40
August 3, 2005	11:00	7.94	28.5	10.20
August 17, 2005	11:00	7.20	26.7	9.15
August 31, 2005	11:00	8.21	28.03	7.23
September 8, 2005	11:00	8.25	24.31	11.00
September 21, 2005	11:00	7.76	23.7	9.80
October 3, 2005	11:00	8.15	19.5	11.05
October 18, 2005	11:00	7.03	15.1	10.30
November 9, 2005	11:00	8.03	12.1	9.20
November 21, 2005	11:00	7.36	7.44	11.60
December 6, 2005	11:00	7.36	7.36	13.20

December 19, 2005	11:00	7.75	2.21	13.40
2006				
January 10, 2006	11:00	7.47	5.68	14.30
January 24, 2006	11:00	7.38	4.63	13.40
February 7, 2006	10:30	7.53	4.78	13.81
February 21, 2006	—	—	—	—
March 7, 2006	11:00	9.61	5.31	19.65
March 21, 2006	10:15	8.28	6.93	17.65
April 4, 2006	11:00	8.04	12.78	13.57
April 18, 2006	11:40	8.97	17.5	15.30
May 2, 2006	10:57	7.53	15.4	11.50
May 16, 2006	10:50	7.30	15.1	9.10
June 6, 2006	11:30	7.37	19.5	9.10
June 20, 2006	11:00	7.58	23.9	8.45
July 12, 2006	11:08	7.89	25.92	7.95
July 26, 2006	13:15	7.62	26.5	9.20
August 8, 2006	11:30	7.70	28.3	9.23
August 23, 2006	12:20	7.80	27.4	10.70
September 12, 2006	12:50	7.92	22.7	11.30
September 26, 2006	18:03	8.63	19.3	14.20
October 10, 2006	11:15	8.25	19.52	13.70
October 17, 2006	12:15	7.79	12.16	13.40
November 1, 2006	12:45	7.84	12.7	13.60
November 15, 2006	11:00	7.65	13.69	12.36
November 27, 2006	—	—	—	—
December 12, 2006	10:55	7.21	5.54	14.80
December 19, 2006	10:50	8.12	6.06	12.29
2007				
January 8, 2007	12:05	7.95	8.33	10.45
January 22, 2007	12:15	7.31	1.38	16.27
February 26, 2007	12:30	7.10	2.95	15.99
March 12, 2007	13:30	7.01	9.00	14.00
March 26, 2007	11:50	7.40	9.00	14.50
April 9, 2007	12:15	7.75	8.67	16.80
April 23, 2007	11:45	7.27	15.60	10.50
May 7, 2007	11:50	8.33	15.66	12.15
May 21, 2007	13:55	7.43	19.80	10.82
June 4, 2007	12:41	6.98	20.46	7.29
June 18, 2007	13:40	7.80	26.83	9.52
July 16, 2007	10:45	7.42	24.70	7.47
August 1, 2007	11:25	7.64	26.67	7.83
August 13, 2007	11:15	7.41	25.30	8.39
August 27, 2007	12:21	7.63	23.88	9.26
September 5, 2007	12:00	8.29	23.80	12.14
September 17, 2007	12:00	8.48	20.60	13.62
October 2, 2007	11:45	8.00	20.00	9.95
October 16, 2007	13:30	7.62	19.46	10.10
November 14, 2007	—	8.16	8.89	12.10
November 19, 2007	12:40	7.15	6.70	11.82
December 3, 2007	12:45	7.40	4.66	12.90

December 17, 2007		—	7.56	1.92	13.25
2008					
January 28, 2008		13:45	7.88	3.83	14.25
February 25, 2008		13:10	6.82	4.39	12.62
March 24, 2008		11:15	7.01	6.83	12.03
April 7, 2008		14:08	6.90	9.74	10.58
May 5, 2008		13:10	7.14	18.40	7.52
May 12, 2008		12:50	6.36	12.63	8.62
June 2, 2008		13:45	6.24	23.38	8.79
June 16, 2008		12:58	7.36	26.07	6.67
July 14, 2008		12:05	7.69	23.80	7.22
July 28, 2008		12:16	6.97	24.10	7.72
August 4, 2008		13:05	7.58	26.50	9.24
August 20, 2008		12:30	8.23	24.20	12.28
September 8, 2008		13:20	7.17	23.34	10.31
September 22, 2008		12:55	7.61	21.54	10.75
October 6, 2008		12:15	6.62	15.79	9.09
November 19, 2008		14:30	7.92	6.33	12.97
December 1, 2008		12:10	7.13	5.07	12.45
2009					
January 29, 2009	A	11:00	6.75	0.79	17.88
January 29, 2009	B	11:00	—	—	—
February 4, 2009	A	10:50	7.87	0.44	16.77
February 4, 2009	B	10:50	—	—	—
March 4, 2009	A	11:00	6.93	1.03	21.17
March 4, 2009	B	11:00	—	—	—
March 4, 2009	C	11:00	—	—	—
April 8, 2009	A	10:30	6.78	7.70	18.15
April 8, 2009	B	10:30	—	—	—
May 14, 2009	A	10:45	7.21	15.23	9.80
May 14, 2009	B	10:45	—	—	—
May 21, 2009	A	10:07	6.33	17.31	10.43
May 21, 2009	B	10:07	—	—	—
June 4, 2009	A	10:12	7.28	16.54	6.23
June 4, 2009	B	10:12	—	—	—
June 11, 2009	A	10:15	7.06	18.60	3.44
June 11, 2009	B	10:15	—	—	—
July 9, 2009	A	10:00	7.71	21.30	9.57
July 9, 2009	B	10:00	—	—	—
July 30, 2009	A	10:46	7.85	22.55	6.53
July 30, 2009	B	10:46	—	—	—
August 13, 2009	A	10:51	7.24	22.74	9.15
August 13, 2009	B	10:51	—	—	—
August 27, 2009	A	10:20	7.49	22.39	9.40
August 27, 2009	B	10:20	—	—	—
September 17, 2009	A	11:12	7.51	17.57	9.69
September 17, 2009	B	11:12	—	—	—
September 28, 2009	A	09:38	7.65	16.87	9.41
September 28, 2009	B	09:38	—	—	—
October 14, 2009	A	10:20	8.11	12.38	12.13

October 14, 2009	B	10:20	—		—		—
November 18, 2009	A	10:16	7.90		10.31		12.37
November 18, 2009	B	10:16	—		—		—
December 14, 2009	A	10:30	7.97		2.24		11.44
December 14, 2009	B	10:30	—		—		—
2010							
January 5, 2010	A	10:30	7.86		-0.51		17.83
January 5, 2010	B	10:30	—	NA	—	NA	—
February 9, 2010	A	10:00	7.83		0.68		15.00
February 9, 2010	B	10:00	—	NA	—	NA	—
March 10, 2010	A	10:12	7.13		6.33		10.19
March 10, 2010	B	10:12	—	NA	—	NA	—
April 8, 2010	A	10:22	7.52		16.83		6.87
April 8, 2010	B	10:22	—	NA	—	NA	—
May 6, 2010	A	10:33	7.52		18.12		4.72
May 6, 2010	B	10:33	—	NA	—	NA	—
May 20, 2010	A	10:26	7.73		15.30		10.34
May 20, 2010	B	10:26	—	NA	—	NA	—
June 10, 2010	A	10:35	7.48		17.81		7.26
June 10, 2010	B	10:35	—	NA	—	NA	—
June 24, 2010	A	10:20	7.11		25.34		4.30
June 24, 2010	B	10:20	—	NA	—	NA	—
July 8, 2010	A	10:05	7.41		26.80		3.16
July 8, 2010	B	10:05	—	NA	—	NA	—
July 22, 2010	A	10:30	7.83		25.53		6.44
July 22, 2010	B	10:30	—	NA	—	NA	—
August 5, 2010	A	09:15	7.48		25.47		2.67
August 5, 2010	B	09:15	—	NA	—	NA	—
August 19, 2010	A	10:15	7.53		23.66		3.91
August 19, 2010	B	10:15	—	NA	—	NA	—
September 2, 2010	A	10:26	7.63		25.07		5.47
September 2, 2010	B	10:26	—	NA	—	NA	—
September 23, 2010	A	10:10	7.22		20.22		4.25
September 23, 2010	B	10:10	—	NA	—	NA	—
October 7, 2010	A	10:00	7.27		14.33		6.04
October 7, 2010	B	10:00	—	NA	—	NA	—
November 17, 2010	A	10:00	6.89		11.71		6.44
November 17, 2010	B	10:00	—	NA	—	NA	—
December 9, 2010	A	10:12	6.93		0.97		10.82
December 9, 2010	B	10:12	—	NA	—	NA	—
2011							
January 4, 2011	A	10:00	7.36		1.03		11.27
January 4, 2011	B	10:00	—	NA	—	NA	—
February 9, 2011	A	10:05	7.12		0.10		12.38
February 9, 2011	B	10:05	—	NA	—	NA	—
March 9, 2011	A	10:05	7.64		0.13		18.47
March 9, 2011	B	10:05	—	NA	—	NA	—
April 14, 2011	A	10:00	6.81		9.15		10.57
April 14, 2011	B	10:00	—	NA	—	NA	—
May 11, 2011	A	09:45	7.17		16.28		8.34

May 11, 2011	B	09:45	—	NA	—	NA	—
May 25, 2011	A	10:11	6.36		17.21		6.83
May 25, 2011	B	10:11	—	NA	—	NA	—
June 15, 2011	A	09:40	6.79		18.69		6.85
June 15, 2011	B	09:40	—	NA	—	NA	—
June 29, 2011	A	10:00	6.73		23.73		5.62
June 29, 2011	B	10:00	—	NA	—	NA	—
July 13, 2011	A	09:40	6.94		24.92		6.54
July 13, 2011	B	09:40	—	NA	—	NA	—
July 21, 2011	A	09:50	6.56		26.04		8.57
July 21, 2011	B	09:50	—	NA	—	NA	—
July 27, 2011	A	09:50	6.73		24.87		8.91
July 27, 2011	B	09:50	—	NA	—	NA	—
August 3, 2011	A	09:50	6.78		24.72		8.15
August 3, 2011	B	09:50	—	NA	—	NA	—
August 24, 2011	A	10:20	7.22		20.33		8.72
August 24, 2011	B	10:20	—	NA	—	NA	—
September 22, 2011	A	08:50	6.78		17.47		7.52
September 22, 2011	B	08:50	—	NA	—	NA	—
September 29, 2011	A	08:50	6.21		18.86		6.30
September 29, 2011	B	08:50	—	NA	—	NA	—
October 20, 2011	A	09:30	7.41		14.69		7.06
October 20, 2011	B	09:30	—	NA	—	NA	—
November 15, 2011	A	10:05	7.80		9.85		10.22
November 15, 2011	B	10:05	—	NA	—	NA	—
December 8, 2011	A	10:00	6.20		6.04		11.58
December 8, 2011	B	10:00	—	NA	—	NA	—
2012							
January 12, 2012	A	10:25	7.10		4.17		16.51
January 12, 2012	B	10:25	—	NA	—	NA	—
February 9, 2012	A	10:15	7.29		3.31		16.81
February 9, 2012	B	10:15	—	NA	—	NA	—
March 8, 2012	A	10:20	6.29		7.11		14.19
March 8, 2012	B	10:20	—	NA	—	NA	—
April 19, 2012	A	07:15	6.93		14.81		9.04
April 19, 2012	B	07:15	—	NA	—	NA	—
May 3, 2012	A	07:10	7.31		12.52		8.55
May 3, 2012	B	07:10	—	NA	—	NA	—
May 17, 2012	A	07:15	7.38		17.05		7.31
May 17, 2012	B	07:15	—	NA	—	NA	—
June 7, 2012	A	10:00	6.64		16.49		7.76
June 7, 2012	B	10:00	—	NA	—	NA	—
June 21, 2012	A	08:35	7.04		21.52		7.10
June 21, 2012	B	08:35	—	NA	—	NA	—
July 12, 2012	A	08:00	7.07		22.72		5.98
July 12, 2012	B	08:00	—	NA	—	NA	—
July 26, 2012	A	08:00	7.04		22.27		5.91
July 26, 2012	B	08:00	—	NA	—	NA	—
August 2, 2012	A	07:00	6.68		21.55		6.45
August 2, 2012	B	07:00	—	NA	—	NA	—

August 23, 2012	A	07:20	7.18		20.57		7.09
August 23, 2012	B	07:20	—	NA	—	NA	—
September 13, 2012	A	07:00	7.17		17.89		7.83
September 13, 2012	B	07:00	—	NA	—	NA	—
September 27, 2012	A	08:00	6.82		17.45		6.55
September 27, 2012	B	08:00	—	NA	—	NA	—
October 18, 2012	A	08:15	6.87		11.80		8.50
October 18, 2012	B	08:15	—	NA	—	NA	—
November 29, 2012	A	08:30	7.82		11.47		7.19
November 29, 2012	B	08:30	—	NA	—	NA	—
December 6, 2012	A	08:00	6.86		5.83		18.38
December 6, 2012	B	08:00	—	NA	—	NA	—
2013							
January 10, 2013	A	08:40	6.67		0.80		15.08
January 10, 2013	B	08:40	—	NA	—	NA	—
February 7, 2013	A	08:15	6.88		-0.80		19.66
February 7, 2013	B	08:15	—	NA	—	NA	—
March 13, 2013	A	08:00	6.67		6.14		13.43
March 13, 2013	B	08:00	—	NA	—	NA	—
April 4, 2013	A	08:00	7.16		4.34		15.60
April 4, 2013	B	08:00	—	NA	—	NA	—
May 15, 2013	A	08:00	6.82		11.23		8.27
May 15, 2013	B	08:00	—	NA	—	NA	—
May 22, 2013	A	08:05	6.95		17.85		6.86
May 22, 2013	B	08:05	—	NA	—	NA	—
June 13, 2013	A	09:00	7.10		17.06		7.17
June 13, 2013	B	09:00	—	NA	—	NA	—
June 27, 2013	A	08:50	7.24		22.19		5.83
June 27, 2013	B	08:50	—	NA	—	NA	—
July 11, 2013	A	09:30	7.63		23.08		4.38
July 11, 2013	B	09:30	—	NA	—	NA	—
July 22, 2013	A	08:00	7.14		24.07		4.30
July 22, 2013	B	08:00	—	NA	—	NA	—
August 12, 2013	A	07:50	6.12		21.26		5.31
August 12, 2013	B	07:50	—	NA	—	NA	—
August 28, 2013	A	07:45	6.88		20.40		5.13
August 28, 2013	B	07:45	—	NA	—	NA	—
September 9, 2013	A	08:30	7.19		16.38		6.19
September 9, 2013	B	08:30	—	NA	—	NA	—
September 26, 2013	A	08:50	6.79		13.45		6.46
September 26, 2013	B	08:50	—	NA	—	NA	—
October 7, 2013	A	08:40	6.83		17.11		5.13
October 7, 2013	B	08:40	—	NA	—	NA	—
November 18, 2013	A	08:10	6.93		7.61		7.48
November 18, 2013	B	08:10	—	NA	—	NA	—
December 2, 2013	A	08:20	6.32		1.74		9.95
December 2, 2013	B	08:20	—	NA	—	NA	—
2014							
January 9, 2014	A	08:40	6.88		-2.39		16.64
January 9, 2014	B	08:40	—	NA	—	NA	—

February 12, 2014	A	09:00	7.47		-2.49		18.16
February 12, 2014	B	09:00	—	NA	—	NA	—
March 5, 2014	A	08:40	7.11		-2.35		18.21
March 5, 2014	B	08:40	—	NA	—	NA	—
April 7, 2014	A	08:45	7.16		5.87		11.00
April 7, 2014	B	08:45	—	NA	—	NA	—
May 15, 2014	A	07:30	6.86		14.04		9.10
May 15, 2014	B	07:30	—	NA	—	NA	—
May 22, 2014	A	07:20	7.5		14.33		10.74
May 22, 2014	B	07:20	—	NA	—	NA	—
June 12, 2014	A	08:30	7.48		15.37		9.58
June 12, 2014	B	08:30	—	NA	—	NA	—
June 26, 2014	A	09:00	7.38		19.92		7.51
June 26, 2014	B	09:00	—	NA	—	NA	—
July 10, 2014	A	09:00	6.96		21.62		5.85
July 10, 2014	B	09:00	—	NA	—	NA	—
July 24, 2014	A	08:49	6.67		21.26		4.05
July 24, 2014	B	08:49	—	NA	—	NA	—
August 14, 2014	A	08:00	7.82		18.53		5.75
August 14, 2014	B	08:00	—	NA	—	NA	—
August 27, 2014	A	07:15	7.52		18.95		5.06
August 27, 2014	B	07:15	—	NA	—	NA	—
September 4, 2014	A	07:40	7.70		20.00		4.73
September 4, 2014	B	07:40	—	NA	—	NA	—
September 25, 2014	A	07:25	7.61		13.86		6.01
September 25, 2014	B	07:25	—	NA	—	NA	—
October 2, 2014	A	09:30	8.40		14.96		6.37
October 2, 2014	B	09:30	—	NA	—	NA	—
November 19, 2014	A	09:00	7.84		-0.15		12.42
November 19, 2014	B	09:00	—	NA	—	NA	—
December 3, 2014	A	08:45	7.74		2.65		15.83
December 3, 2014	B	08:45	—	NA	—	NA	—

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	90.8	0.3	—	38
	—	0.29	—	3
	141.6	0.15	—	8
	109.3	0.15	—	19
	139.4	0.16	—	2
	105.1	0.13	—	10
	93.9	0.13	—	19
	88.7	0.14	—	8
	85.7	0.13	—	58
	131.3	0.19	—	4
	163.8	0.19	—	23
	141.0	0.12	—	6
	—	—	—	6
	—	—	—	8
	—	—	—	8
	123.0	0.16	—	42
	109.4	0.12	—	2
	117.7	0.15	—	6
	119.6	0.16	—	4
	105.1	0.12	—	2
	96.6	0.08	—	30
	101.1	0.11	—	3
[redacted]				
	121.5	0.13	—	6
	133.2	0.23	—	6
	104.3	0.17	—	4
	109.0	0.25	—	12
	130.6	0.25	—	2
	120.2	0.12	—	8
	—	0.14	—	<1
	120.2	0.13	—	12
	150.5	0.16	—	32
	103.0	0.16	—	5
	183.9	0.20	—	16
	104.7	0.14	—	<1
	—	0.12	—	7
	—	0.18	—	2
	—	0.1	—	1
	—	0.1	—	12
	—	0.1	—	2
	—	—	—	<1
	—	0.1	—	2
	—	0.1	—	8
	—	0.1	—	16
	96.4	0.13	—	2
	99.3	0.15	—	—

97.7	0.15	—	12
[redacted]			
114.1	0.17	—	2
104.0	0.13	—	6
107.6	—	—	4
—	—	—	—
155.3	0.20	—	4
145.4	0.29	—	2
128.4	0.31	—	6
159.8	0.16	—	3
114.7	0.27	—	2
90.5	0.18	—	74
98.7	0.19	—	10
100.3	0.25	—	5
97.9	0.13	—	3
114.4	0.21	—	6
118.7	0.28	—	4
135.2	0.31	—	5
131.2	0.29	—	2
154.1	0.14	—	2
149.7	0.24	—	2
125.3	0.20	—	6
128.3	0.16	—	2
119.2	0.13	—	8
—	—	—	2
—	0.19	—	1
—	0.14	—	<1
[redacted]			
89.01	0.07	—	77
117.7	0.18	—	1
119.2	0.75	—	4
—	0.20	—	4
125.7	0.19	—	4
144.2	0.21	—	6
—	0.10	—	8
122.3	0.18	—	3
118.6	0.23	—	6
81.02	0.16	—	84
119.2	0.28	—	3
90.0	0.21	—	2
97.8	0.18	—	4
102.1	0.21	—	6
109.6	0.16	—	1
144.0	0.25	—	4
151.6	0.27	—	1
109.6	0.29	—	<1
110.0	0.27	—	6
104.6	0.24	—	2
96.8	0.22	—	8
100.3	0.40	—	22

95.8	0.38	—	20	
[redacted]				
108.41	0.23	—	5	
97.43	0.24	—	3	
98.75	0.16	—	5	
93.25	0.19	—	4	
80.18	0.21	—	4	
81.20	0.17	—	8	
103.30	0.21	—	4	
82.42	0.18	—	8	
85.48	0.17	—	7	
92.08	0.18	—	7	
115.00	0.23	—	3	
147.89	0.22	—	4	
120.98	0.13	—	10	
125.00	0.30	—	1	
91.7	0.16	—	4	
105.2	0.17	—	4	
97.7	0.15	—	17	
[redacted]				
125.5	0.54	—	10	J-QC/FFD/FLDRPO
—	—	—	16	J-QC/FFD/FLDRPO
115.4	0.32	—	7	J-QC/FFD/RPO
—	—	—	4	J-QC/FFD/RPO
149.1	0.31	—	5	
—	—	—	6	
—	—	—	4	
152.3	0.21	—	16	J-QC/FFD/RPO
—	—	—	12	J-QC/FFD/RPO
97.8	0.19	—	4	
—	—	—	5	
108.9	0.21	—	6	
—	—	—	6	
64.9	0.17	—	69	
—	—	—	66	
36.9	0.18	—	10	
—	—	—	9	
108.0	0.18	—	4	
—	—	—	4	
75.7	0.12	—	67	
—	—	—	65	
106.3	0.17	—	6	
—	—	—	7	
108.2	0.18	—	3	
—	—	—	4	
101.6	0.20	—	5	J-QC/FFB
—	—	—	5	J-QC/FFB
97.3	0.18	—	6	
—	—	—	6	
113.6	0.27	—	4	

	—		—		—		4	
	110.6		0.23		—		4	
	—		—		—		4	
	83.3		0.12		—		38	
	—		—		—		36	
[redacted]								
	120.2		0.22		—	NA	9	
NA	—	NA	—	NA	—	NA	10	
	104.7		0.30		—	NA	8	
NA	—	NA	—	NA	—	NA	7	
	82.7		0.18		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	71.0		0.16		—	NA	5	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
	49.9		0.17		—	NA	14	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	8	J-QC/FFD/FLDRPO
	103.1		0.18		—	NA	10	
NA	—	NA	—	NA	—	NA	11	
	76.5		0.25		—	NA	20	
NA	—	NA	—	NA	—	NA	18	
	52.8		0.25		—	NA	5	
NA	—	NA	—	NA	—	NA	6	
	39.4		0.21		—	NA	12	
NA	—	NA	—	NA	—	NA	10	
	78.8		0.25		—	NA	14	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	9	J-QC/FFD/RPO
	32.6		0.24		—	NA	6	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/FLDRPO
	46.6		0.25		—	NA	2	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	66.4		0.23		—	NA	1	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
	47.0		0.22		—	NA	2	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	8	J-QC/FFD/PO
	56.5		0.21		—	NA	7	
NA	—	NA	—	NA	—	NA	6	
	51.2		0.23		—	NA	23	
NA	—	NA	—	NA	—	NA	22	
	76.2		0.19		—	NA	6	
NA	—	NA	—	NA	—	NA	8	
[redacted]								
	79.6		0.34		—	NA	10	
NA	—	NA	—	NA	—	NA	10	
	85.5		0.44		—	NA	8	
NA	—	NA	—	NA	—	NA	10	
	96.1		0.61		—	NA	14	
NA	—	NA	—	NA	—	NA	16	
	91.8		0.14		—	NA	14	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	9	J-QC/FFD/RPO
	101.3		0.21		—	NA	1	J-QC/FFD/RPO

NA	—	NA	—	NA	—	NA	6	J-QC/FFD/RPO
	65.2		0.13		—	NA	28	
NA	—	NA	—	NA	—	NA	26	
	73.6		0.20		—	NA	26	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	18	J-QC/FFD/RPO
	66.5		0.20		—	NA	5	
NA	—	NA	—	NA	—	NA	6	
	75.9		0.18		—	NA	<1	KJ-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	1	J-QC/FFD/RPO
	101.4		0.24		—	NA	8	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	12	J-QC/FFD/RPO
	99.3		0.22		—	NA	<1	KJ-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
	97.3		0.23		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
	106.5		0.12		—	NA	18	
NA	—	NA	—	NA	—	NA	20	
	78.7		0.17		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	67.9		0.05		—	NA	80	
NA	—	NA	—	NA	—	NA	73	
	69.5		0.14		—	NA	24	
NA	—	NA	—	NA	—	NA	26	
	90.3		0.20		—	NA	2	
NA	—	NA	—	NA	—	NA	2	
	104.7		0.05		—	NA	93	
NA	—	NA	—	NA	—	NA	83	
[redacted]								
	126.7		0.08		—	NA	172	
NA	—	NA	—	NA	—	NA	172	
	126.0		0.20		—	NA	3	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FLD/RPO
	117.1		0.21		—	NA	4	
NA	—	NA	—	NA	—	NA	5	
	89.3		0.26		—	NA	6	
NA	—	NA	—	NA	—	NA	5	
	80.3		0.19		—	NA	9	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	6	J-QC/FFD/RPO
	75.8		0.15		—	NA	18	
NA	—	NA	—	NA	—	NA	18	
	79.8		0.20		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	80.4		0.24		—	NA	4	J-QC/FFB/FLDRPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFB/FLDRPO
	69.4		0.24		—	NA	4	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
	67.9		0.22		—	NA	8	
NA	—	NA	—	NA	—	NA	10	
	73.2		0.17		—	NA	50	
NA	—	NA	—	NA	—	NA	56	

	79.1		0.27		—	NA	3	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	5	J-QC/FFD/RPO
	82.7		0.32		—	NA	1	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	68.5		0.33		—	NA	<1	KJ-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/FLDRPO
	78.7		0.33		—	NA	1	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
	64.9		0.21		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	146.3		0.38		—	NA	5	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/FLDRPO
[redacted]								
	105.7		0.25		—	NA	2	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	3	J-QC/FFD/FLDRPO
	134.6		0.24		—	NA	1	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	1	J-QC/FLD/RPO
	108.4		0.18		—	NA	58	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	56	J-QC/FLD/RPO
	120.2		0.25		—	NA	<1	K
NA	—	NA	—	NA	—	NA	<1	K
	96.1		0.19		—	NA	18	
NA	—	NA	—	NA	—	NA	16	
	70.8		0.16		—	NA	6	
NA	—	NA	—	NA	—	NA	6	
	74.5		0.14		—	NA	18	J-QC
NA	—	NA	—	NA	—	NA	19	J-QC
	67.0		0.16		—	NA	2	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	51.2		0.16		—	NA	5	
NA	—	NA	—	NA	—	NA	4	
	51.2		0.19		—	NA	10	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	3	J-QC/FFD/FLDRPO
	59.9		0.19		—	NA	2	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	3	J-QC/FFD/RPO
	56.9		0.19		—	NA	5	
NA	—	NA	—	NA	—	NA	6	
	63.4		0.21		—	NA	8	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	61.9		0.21		—	NA	5	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	12	J-QC/FFD/RPO
	53.3		0.23		—	NA	2	
NA	—	NA	—	NA	—	NA	2	
	62.8		0.24		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	2	J-QC/FFD/RPO
	71.5		0.20		—	NA	4	
NA	—	NA	—	NA	—	NA	3	
[redacted]								
	105.9		0.36		—	NA	6	J-QC
NA	—	NA	—	NA	—	NA	6	J-QC

	115.0		0.48		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	116.1		0.31		—	NA	3	BJ-QC/FBK/FFDRPO
NA	—	NA	—	NA	—	NA	6	BJ-QC/FBK/FFDRPO
	8.79		0.22		—	NA	4	J-QC
NA	—	NA	—	NA	—	NA	4	J-QC
	88.5		0.23		—	NA	9	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	6	J-QC/FFD/RPO
	105.1		0.23		—	NA	8	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	95.8		0.21		—	NA	9	
NA	—	NA	—	NA	—	NA	11	
	88.6		0.20		—	NA	28	
NA	—	NA	—	NA	—	NA	26	
	66.9		0.23		—	NA	6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/RPO
	45.5		0.22		—	NA	4	J-QC
NA	—	NA	—	NA	—	NA	4	J-QC
	61.4		0.26		—	NA	3	
NA	—	NA	—	NA	—	NA	4	
	54.6		0.23		—	NA	4	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	6	J-QC/FFD/FLDRPO
	52.1		0.25		—	NA	4	
NA	—	NA	—	NA	—	NA	4	
	58.2		0.25		—	NA	2	J-QC
NA	—	NA	—	NA	—	NA	2	J-QC
	63.7		0.26		—	NA	2	J-QC
NA	—	NA	—	NA	—	NA	2	J-QC
	83.7		0.21		—	NA	13	J-QC
NA	—	NA	—	NA	—	NA	12	J-QC
	116.7		0.29		—	NA	6	J-QC
NA	—	NA	—	NA	—	NA	6	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.40	<2	<0.19	0.023
0.59	—	<0.19	0.016
0.44	3	<0.19	0.018
0.06	<2	<0.19	0.016
0.55	2	<0.19	0.012
0.05	2	<0.19	0.013
0.69	2	<0.19	0.015
1.59	2	<0.19	0.028
0.65	4	<0.19	0.031
1.28	2	0.46	0.036
1.98	<2	<0.19	0.029
1.83	<2	<0.19	0.019
2.01	5	<0.19	0.013
1.93	<2	<0.19	0.015
0.73	<2	0.23	0.014
1.21	<2	<0.19	—
—	—	<0.19	0.058
0.48	<2	—	0.017
0.55	3	<0.19	0.014
0.64	<2	<0.19	0.019
0.91	<2	<0.19	—
0.68	4	<0.19	0.058
[redacted]			
0.53	<2	<0.19	0.019
<1.00	8	<0.19	0.017
<1.00	<2	<0.19	—
0.73	<2	<0.19	0.018
0.68	<2	<0.19	0.013
<1.00	<2	<0.19	0.012
0.42	<2	<0.19	0.013
0.81	<2	<0.19	0.023
0.78	<2	<0.19	0.026
0.82	<2	<0.27	—
1.58	<2	—	0.041
0.81	<2	<0.27	0.019
1.08	6	<0.27	0.034
1.51	4	<0.27	0.023
1.03	<2	<0.27	0.035
0.62	<2	<0.27	0.011
0.53	<2	<0.27	0.011
<0.30	7	<0.27	0.014
0.67	—	<0.27	0.008
0.98	<2	<0.27	0.010
—	—	<0.27	0.010
0.53	—	<0.27	—
—	—	—	—

0.60	<2	<0.27	0.020
[redacted]			
0.93	<2	0.27	0.01
0.73	<2	0.27	0.018
<1.00	3	0.27	0.017
<1.00	—	0.27	0.013
<1.00	<2	0.27	0.024
1.20	<2	0.27	0.019
<1.00	3	0.27	0.028
1.32	<2	<0.295	0.065
1.16	<2	<0.295	0.020
1.87	—	<0.295	0.030
1.92	<2	<0.295	0.031
0.73	<2	<0.295	—
0.54	—	<0.295	0.013
<0.30	6	<0.295	0.015
0.76	<2	<0.295	0.017
1.88	—	<0.295	0.013
<0.30	<2	<0.295	0.017
0.68	—	<0.295	0.008
0.56	—	<0.295	0.015
1.00	—	<0.295	0.025
1.00	<2	<0.295	0.008
0.82	<2	<0.295	0.008
0.56	4	—	0.013
0.72	<2	<0.295	0.009
0.62	<2	<0.295	0.020
[redacted]			
1.16	—	<0.295	0.041
0.55	<2	<0.295	0.008
0.54	<2	<0.295	0.020
0.49	—	<0.295	0.019
0.33	<2	0.120	0.008
0.32	<2	0.088	0.009
<0.30	—	0.093	0.020
0.42	<2	0.185	0.031
0.36	<2	<0.039	0.020
1.57	3	0.162	0.045
0.87	<2	0.236	0.051
0.64	—	0.078	0.017
1.05	<2	0.073	0.020
<0.30	<2	<0.039	0.016
0.73	<2	0.099	0.010
0.92	—	0.047	0.016
0.63	<2	<0.039	0.022
1.10	<2	0.163	—
1.30	<2	0.176	0.033
<0.30	<2	0.223	0.011
0.55	2	0.124	0.017
0.79	<2	0.220	0.017

0.78		<2		0.151		0.011
[redacted]						
1.03		<2		0.129		0.009
1.32		<2		0.183		0.020
1.35		<2		0.085		0.012
0.85		<2		0.149		0.010
0.99		<2		0.162		0.021
1.23		<2		0.064		0.019
1.07		<2		0.306		0.034
1.16		<2		0.217		0.044
0.77		<2		0.036		0.019
0.94		<2		0.122		0.020
0.78		<2		0.095		0.016
0.45		<2		0.099		0.015
1.10		<2		0.050		0.027
1.14		<2		0.057		0.019
1.09		<2		0.201		0.028
1.05		<2		0.167		0.011
1.03		<2		0.721		0.011
[redacted]						
1.52	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.458	J-QC/FFD/RPOFSL	0.027
1.52	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.295	J-QC/FFD/RPOFSL	0.027
1.16	BJ-QC/FBK/FFBFLS	<2	K	0.433	J-QC/FMS	0.017
1.09	BJ-QC/FBK/FFBFLS	<2	K	0.423	J-QC/FMS	0.018
0.89	B/FBK	<2	K	0.163		0.025
0.82	B/FBK	<2	K	—	NRP	0.022
0.79	B/FBK	<2	K	0.163		0.028
1.11	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.167		0.031
0.95	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.183		0.031
1.09	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.094	J-QC/FMS	0.025
1.06	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.115	J-QC/FMS	0.025
1.28	BJ-QC/FBK/FFBFLS	<2	K	0.026	J-RJ-QC/FFD/RPOFMS	0.032
1.07	BJ-QC/FBK/FFBFLS	<2	K	<0.018	KJ-QC/FFD/RPOFMS	0.032
1.90	J-QC/FFB/FLS	3	J-QC/FLS	0.094		—
1.87	J-QC/FFB/FLS	3	J-QC/FLS	0.094		—
0.88		<2	K	0.209		0.030
0.87		<2	K	0.193		0.031
0.74	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.013
0.79	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.013
1.80	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPOFLS	<0.018	K	0.024
1.78	BJ-QC/FBK/FFB	3	J-QC/FFD/RPOFLS	<0.018	K	0.023
1.24	B/FBK	<2	K	0.071		0.028
1.27	B/FBK	<2	K	0.061		0.027
1.26	BJ-QC/FBK/FFB	3		<0.018	K	0.020
1.19	BJ-QC/FBK/FFB	3		<0.018	K	0.022
1.09	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.018	K	0.012
0.96	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.018	K	0.012
<1.00	KJ-QC/FFD/RPO	<2	KJ-QC/FLS	0.132	J-QC/FMS	0.012
1.33	J-QC/FFD/RPO	<2	KJ-QC/FLS	0.122	J-QC/FMS	0.013
0.90	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.023

0.95	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.023
1.06	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.038
0.93	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.038
1.91	BJ-QC/FBK/FFB	2	J-QC/FFD/RPO	0.081		0.026
1.96	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	0.091		0.026
[redacted]						
1.01	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.017
1.06	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.017
0.95	BJ-QC/FBK/FFBFFDRPO	<2	K	0.320		0.025
0.50	BJ-QC/FBK/FFBFFDRPO	<2	K	0.325		0.026
0.86	BJ-QCJ-HT/FBK/FFBEHT	—	NAPQNS	<0.0175	K	0.0116
0.89	BJ-QCJ-HT/FBK/FFBEHT	3		<0.0175	K	0.0125
1.24	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	KJ-QC/FMS	0.0070
1.25	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	KJ-QC/FMS	0.0085
1.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.106		0.0140
1.61	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.096		0.0152
1.66	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	0.080		0.0215
1.54	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	0.080		0.0208
1.95	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.241		0.0781
1.80	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.226		0.0757
1.61	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.075		0.0586
1.79	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.086		0.0557
1.98	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.302		0.0999
2.47	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.292		0.0990
1.85	BJ-QC/FBK/FFBFLS	<2	K	0.166		0.0832
—	NAPQNS	<2	K	0.156		0.0830
1.32	BJ-QC/FBK/FFBFLS	<2	K	0.079		0.0762
1.16	BJ-QC/FBK/FFBFLS	<2	K	0.079		0.0768
1.32	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0175	KJ-QC/FFD/RPO	0.0333
1.36	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.047	J-QC/FFD/RPO	0.0330
1.17	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.052		0.0234
1.44	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.047		0.0240
1.39	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.058		0.0288
1.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.068		0.0285
1.27	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.047		0.0178
1.27	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.052		0.0189
2.01	BJ-QC/FBK/FFBFLSEHT	3	J-QC/FLS	0.141		0.0310
1.99	BJ-QC/FBK/FFBFLSEHT	3	J-QC/FLS	0.131		0.0312
1.53	BJ-QC/FBK/FFB	<2	K	0.080		0.0271
1.48	BJ-QC/FBK/FFB	<2	K	0.070		0.0293
[redacted]						
1.60	BJ-QC/FBK/FFBFLS	<2	K	0.121		0.0289
1.53	BJ-QC/FBK/FFBFLS	<2	K	0.126		0.0315
1.27	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.147		0.0150
1.20	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.157		0.0158
1.39	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.105		0.0129
1.34	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.120		0.0144
1.49	BJ-QC/FBK/FFBFLS	<2	K	0.099		0.0139
1.41	BJ-QC/FBK/FFBFLS	<2	K	0.110		0.0138
0.99	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.109		0.0191

0.91	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.120		0.0203
0.97	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.120		0.0364
0.98	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.131		0.0315
1.73	BJ-QC/FBK/FFBFLS	<2	K	0.060		0.0141
1.79	BJ-QC/FBK/FFBFLS	<2	K	0.060		0.0150
1.62	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.158		—
1.63	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.147		—
1.40	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.037	J-RJ-QC/FFD/RPO	0.0283
1.40	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.096	J-QC/FFD/RPO	0.0323
1.23	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.160		0.0291
1.33	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.144		0.0284
1.15	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPOFLS	0.109	J-QC/FFD/RPO	0.0242
0.98	BJ-QCJ-HT/FBK/FFBFLSEHT	6	J-QC/FFD/RPOFLS	0.065	J-QC/FFD/RPO	0.0241
1.19	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.131	J-QC/FFD/RPO	0.0407
1.23	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.201	J-QC/FFD/RPO	0.0491
<0.30	KB-JQCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.038	J-RJ-QC/FFD/RPO	0.0244
1.30	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0293	KJ-QC/FFD/RPO	0.0248
1.11	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.109	J-QC/FMS	0.0216
1.05	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.109	J-QC/FMS	0.0214
1.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.046	J-R	0.0422
1.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.036	J-R	0.0395
2.19	BJ-QC/FBK/FFBFLS	<2	K	0.077		0.0118
2.10	BJ-QC/FBK/FFBFLS	<2	K	0.072		0.0115
1.74	BJ-QC/FBK/FFB	<2	K	<0.0293	KJ-QC/FFD/RPO	0.0324
1.46	BJ-QC/FBK/FFB	<2	K	0.031	J-RJ-QC/FFD/RPO	0.0327
1.82	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.041	J-R	0.0614
1.69	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.051	J-R	0.0599
[redacted]						
1.86	BJ-QC/FBK/FFB	6	J-QC/FLS	0.041	J-R	0.0444
1.88	BJ-QC/FBK/FFB	6	J-QC/FLS	0.031	J-R	0.0435
1.07	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.359	J-QC/FMS	0.0180
1.03	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.370	J-QC/FMS	0.0161
1.90	BJ-QC/FBK/FFB	<2	K	0.303	J-QC/FSL/FMS	0.0244
1.88	BJ-QC/FBK/FFB	<2	K	0.285	J-QC/FSL/FMS	0.0247
1.80	BJ-QCJ-HT/FBK/FFBFLSEHT	3		0.293	J-QC/FFB	0.0482
1.98	BJ-QCJ-HT/FBK/FFBFLSEHT	3		0.288	J-QC/FFB	0.0526
1.89	BJ-QC/FBK/FFBFLS	3	J-QC/FFD/RPOFLS	0.471		0.0578
1.81	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	0.445		0.0591
1.96	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.126	J-QC/FMS	0.0284
1.92	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.110	J-QC/FMS	0.0260
1.54	BJ-QCJ-HT/FBK/FFBFLSEHT	5		0.047	J-R	0.0316
1.54	BJ-QCJ-HT/FBK/FFBFLSEHT	4		0.047	J-R	0.0324
1.22	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.141	J-QC/FMS	0.0562
1.03	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.152	J-QC/FMS	0.0579
1.65	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	—	A/LBF	0.0892
2.44	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	—	A/LBF	0.0900
2.07	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FMS	0.0395
2.02	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FMS	0.0379
1.86	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.185	J-QC/FMS	0.0148
1.98	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.190	J-QC/FMS	0.0142

1.57	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.069	J-RJ-QC/FFD/RPO	0.0454
1.16	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.111	J-QC/FFD/RPO	0.0465
1.04	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FSL	0.0486
1.00	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FSL	0.0431
1.12	BJ-QC/FBK/FFB	<2	K	0.169	J-QC/FMS	0.0671
0.99	BJ-QC/FBK/FFB	<2	K	0.153	J-QC/FMS	0.0692
1.13	BJ-QC/FBK/FFB	<2	K	0.126		0.0464
1.18	BJ-QC/FBK/FFB	<2	K	0.116		0.0475
—	NA	—	NRP	0.062	J-R	0.0327
—	NA	—	NRP	0.073	J-R	0.0323
—	NA	5	J-QC/FFD/RPO	0.068	J-R	0.0489
—	NA	<2	KJ-QC/FFD/RPO	0.073	J-R	0.0488
[redacted]						
—	NA	<2	KJ-QC/FMS	0.198	J/LLS	0.0229
—	NA	<2	KJ-QC/FMS	0.203	J/LLS	0.0222
—	NA	<2	KJ-QC/FMS	0.770	J-QC/FMS	0.0164
—	NA	<2	KJ-QC/FMS	0.793	J-QC/FMS	0.0175
—	NA	<2	KJ-QC/FMS	0.091	J-QC/LLS/FSLFMS	0.0458
—	NA	<2	KJ-QC/FMS	0.103	J-QC/LLS/FSLFMS	0.0469
—	NA	5	J-QC/FFD/RPO	<0.0217	KJ-QC/FMS	0.0172
—	NA	<2	KJ-QC/FFD/RPO	<0.0217	KJ-QC/FMS	0.0174
—	NA	<2	KJ-QC/FMS	0.420	J-QC/FSL/FMS	0.0197
—	NA	<2	KJ-QC/FMS	0.437	J-QC/FSL/FMS	0.0207
1.53	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.148	J-QC/LLS/FSL	0.0439
1.55	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.176	J-QC/LLS/FSL	0.0450
1.97	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.057	J-QC/LLS/FFB	0.0162
1.63	BJ-QCJ-HT/FBK/FFBEHT	<2	J-QC/LLS/FMS	0.057	J-QC/LLS/FFB	0.0150
1.96	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.352	J/LLS	0.0331
1.92	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.341	J/LLS	0.0320
2.08	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.307	J-QC/LLS/FMS	0.0178
2.18	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.283	J-QC/LLS/FMS	0.0150
1.45	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0126
1.50	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0125
1.37	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0112
1.28	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0095
1.44	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	K	—
1.41	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0911	K	—
1.00	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-HT/EHT	<0.0911	K	0.0065
1.09	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-HT/EHT	<0.0911	K	0.0071
1.19	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	<0.0911	K	0.0120
1.35	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	<0.0911	K	0.0123
1.22	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.235	J/LLS	0.0173
1.25	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-HT/EHT	0.217	J/LLS	0.0151
1.90	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.125	J-R/LLS	0.0115
1.78	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.103	J-R/LLS	0.0114
1.82	BJ-QC/FBK/FFBFLS	<2	KJ-QCJ-HT/FMS/EHT	0.332	J/LLS	0.0270
1.82	BJ-QC/FBK/FFBFLS	<2	KJ-QCJ-HT/FMS/EHT	0.316	J/LLS	0.0283
[redacted]						
1.97	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.201	J/LLS	0.0117
2.08	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.239	J/LLS	0.0124

1.43	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	KJ-QC	0.736		0.0488
1.94	BJ-QCJ-HT/FBK/FFBFFDRPOFMS	<2	KJ-QC	0.758		0.0507
1.98	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.140	J/LLS	0.0709
2.38	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.152	J/LLS	0.0737
1.69	BJ-QC/FBK/FFB	<2	KJ-QCJ-HT	0.057	J/LLS	0.1601
1.55	BJ-QC/FBK/FFB	<2	KJ-QCJ-HT	<0.0267	K	0.1613
1.37	BJ-QCJ-HT/FBK/FFB	<2	K	0.068	J-QC/LLS/FFB	0.0108
1.40	BJ-QCJ-HT/FBK/FFB	<2	K	0.057	J-QC/LLS/FFB	0.0103
1.67	BJ-QC/FBK/FFBFMS	<2	K	0.068	J-QC/LLS/FFB	0.0125
1.56	BJ-QC/FBK/FFBFMS	<2	K	0.045	J-RJ-QC/LLS/FFB	0.0126
1.95	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC	0.619	J-QC/FFB	0.0388
1.90	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC	0.574	J-QC/FFB	0.0392
1.98	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	—	NRP/LBF	0.0461
1.94	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	—	NRP/LBF	0.0468
1.81	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0192
1.80	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0187
1.57	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.357	J-QC/LLS/FFBFFDRPOFSL	0.0201
1.61	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.198	J-QC/LLS/FFBFFDRPOFSL	0.0211
1.33	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0121
1.32	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0124
1.52	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	KJ-HT	<0.0267	K	0.0171
1.42	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	KJ-HT	<0.0267	K	0.0181
0.88	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0148
1.33	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0134
1.30	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	<0.0267	K	0.0116
1.53	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC	0.045	J-R/LLS	0.0068
1.21	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0104
1.51	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0109
1.26	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.041	J-RJ-QC/LLS	0.0200
1.41	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.052	J-RJ-QC/LLS	0.0194
1.57	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.030	J-R/LLS	0.0182
1.58	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0186

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	2.37	0.207	0.20	8.88
	1.06	0.095	—	4.84
	1.96	0.294	0.08	11.2
	1.60	0.116	0.09	18.4
	1.64	0.070	0.05	5.6
	1.70	0.086	0.09	7.8
	1.40	0.119	0.12	5.2
	1.57	0.145	0.14	4.2
	1.81	0.267	0.37	1.8
	2.37	0.301	0.29	1.5
	4.10	0.604	0.57	2.1
	1.77	0.186	0.20	<0.5
	1.50	0.139	0.12	1.83
	2.10	0.173	0.18	2.04
	2.02	0.227	0.25	1.32
	2.59	0.253	0.36	2.05
	1.99	0.143	—	1.22
	2.09	0.140	0.17	1.02
	2.29	0.239	0.23	33.62
	1.84	0.129	0.12	1.83
	1.35	0.236	0.24	1.40
	1.88	0.107	0.17	0.70
[redacted]				
	1.66	0.079	0.09	1.62
	2.08	0.090	0.10	1.56
	2.00	0.076	0.07	2.12
	1.82	0.456	0.09	9.02
	1.78	0.043	0.06	14.12
	1.46	0.073	0.11	2.33
	1.48	0.099	0.08	5.47
	1.61	0.184	0.10	15.12
	—	0.215	0.19	44.95
	2.42	0.218	0.23	—
	2.90	—	0.52	—
	1.26	0.197	0.17	—
	1.84	0.204	0.19	—
	1.59	0.449	0.42	—
	2.12	0.393	0.34	—
	1.61	0.215	0.21	—
	1.61	0.196	0.22	—
	1.52	0.201	0.20	—
	1.80	0.245	—	—
	2.01	0.174	0.16	—
	2.08	0.120	—	—
	2.40	0.150	—	—
	—	—	—	—

1.95	0.120	0.14	—
[redacted]			
2.51	0.15	0.16	—
1.68	0.18	0.14	—
1.98	0.088	0.12	—
1.64	0.068	—	—
2.34	0.107	0.09	—
2.95	0.577	0.59	—
1.55	0.404	0.74	—
1.21	0.159	0.15	—
3.69	0.466	0.72	—
2.26	0.457	—	—
2.74	0.428	0.40	—
5.80	0.797	0.85	—
1.54	0.145	—	—
4.07	0.548	0.61	—
2.72	1.01	1.01	—
3.83	1.13	1.07	—
6.82	0.956	0.92	—
2.96	0.207	0.19	—
3.54	0.490	0.58	—
3.59	0.332	0.45	—
2.68	0.235	0.27	—
0.57	0.164	0.17	—
1.97	0.224	0.20	—
2.90	0.323	0.32	—
2.76	0.262	0.17	—
[redacted]			
1.06	0.255	—	—
2.95	0.256	0.31	—
3.95	0.490	0.46	—
2.26	0.217	0.19	5.3
1.75	0.161	0.15	47.3
2.49	0.203	0.28	45.3
1.27	0.123	0.10	42.9
0.13	0.217	0.19	4.8
2.93	0.501	0.47	3.3
1.06	0.393	0.31	13.2
1.89	0.943	0.87	1.6
4.14	0.659	0.54	<3.0
2.71	0.387	2.10	12.8
7.34	0.564	0.53	12.9
1.47	0.178	0.18	6.3
3.65	0.716	0.66	16.2
4.85	1.20	1.20	14.7
5.41	1.30	0.54	12.9
5.87	0.81	0.73	4.8
5.31	0.68	0.64	<3.0
3.55	0.62	0.61	<3.0
1.78	0.38	0.33	<3.0

	1.92		0.39		0.19		3.0	
[redacted]								
	3.91		0.41		0.35		2.1	J-R
	1.84		0.16		0.14		2.3	J-R
	2.07		0.20		0.19		7.4	
	1.92		0.49		0.41		5.1	
	2.07		0.51		0.44		2.4	J-R
	1.78		0.64		0.33		4.1	J-R
	2.68		0.61		0.55		8.1	
	2.17		0.51		0.48		5.7	
	2.14		0.42		0.38		2.9	J-R
	2.86		0.39		0.41		12.7	
	4.09		0.63		0.70		<2.4	
	3.75		0.61		—		20.4	
	1.50		0.22		0.18		2.9	J-R
	4.69		1.10		0.98		<2.4	
	1.09		0.27		0.25		3.0	J-R
J-R	0.811		0.44		—		3.6	J-R
J-R	2.01		0.24		0.23		4.0	J-R
[redacted]								
	2.32		0.25	J-QC/FFB	0.26		6.9	
	2.34		0.26	J-QC/FFB	0.27		6.7	
	2.61		0.26	J-QC/FFB	0.23		6.4	J-HT/EHT
	2.67		0.26	J-QC/FFB	0.23		6.4	J-HT/EHT
	2.91	J-QC/FLS	0.23		0.23		10.1	
	17.2	J-QC/OUT/FLS	0.24		0.25		10.4	
	2.92	J-QC/FLS	0.23		0.25		10.0	
J-QC/FFB	1.64	J-QC/FFB	0.11	J-QC/FFB/FFDRPO	0.13		5.6	J-HT/EHT
J-QC/FFB	1.63	J-QC/FFB	0.30	J-QC/FFB/FFDRPO	0.15		5.5	J-HT/EHT
J-QC/FFB	1.69		0.20		0.16		<2.4	K
J-QC/FFB	1.69		0.19		0.16		<2.4	K
J-QC/FFB	2.11	J-QC/FFB	—	NAPQNS	—	NAPQNS	<0.4	K
J-QC/FFB	2.14	J-QC/FFB	0.24		0.20		<0.4	K
NAP	—	NAP	0.24		0.22		<0.4	K
NAP	—	NAP	0.21		0.21		<0.4	K
	—	NAP	0.26		0.24		1.1	J-RJ-QC/FFB
	—	NAP	0.23		0.23		1.2	J-RJ-QC/FFB
	2.16	J-QC/FFB	0.09		0.27		2.5	
	2.21	J-QC/FFB	0.09		0.28		2.6	
	1.29		0.36	J-QC/FFB	0.26	J-QC/FFD/RPO	3.0	
	1.26		0.38	J-QC/FFB	0.28	J-QC/FFD/RPO	3.0	
	2.55		0.47		0.47		0.8	J-R
	2.52		0.46		0.44		1.0	J-R
	2.54		0.32		0.33		1.4	J-R
	2.41		0.30		0.31		1.5	J-R
	3.00		0.30		0.46	C	0.8	J-R
	2.96		0.39		0.44	C	0.7	J-R
J-QC/FFB	2.25		0.26		0.24		1.3	J-R
J-QC/FFB	2.19		0.24		0.24		1.3	J-R
	4.99		0.82		0.71		0.9	J-R

	4.88		0.81		0.58		1.0	J-R
J-QC/FFB	3.31		0.56		0.54		0.7	J-R
J-QC/FFB	3.20		0.57		0.54		0.7	J-R
J-QC/FFB	1.14		0.18		0.13		2.2	
J-QC/FFB	1.20		0.19		0.14		2.2	
[redacted]								
	2.51		0.22		0.18		1.1	J-R
	2.07		0.22		0.17		1.2	J-R
	3.63	J-QC/FFB	0.36	J-QC/FFB	—	A/EHT	3.8	
	3.61	J-QC/FFB	0.33	J-QC/FFB	—	A/EHT	3.2	
	1.32		0.14		0.08		8.0	
	1.41		0.11		0.09		7.9	
J-R	1.66		0.16		0.14		8.1	
J-R	1.64		0.15		0.14		8.2	
	2.26		0.33	J-QC/FLD/RPO	0.29		2.8	J-QC/FSL
	2.48		0.31	J-QC/FLD/RPO	0.30		2.3	J-RJ-QC/FSL
	1.51		0.34		0.29		2.9	
	1.36		0.31		0.29		2.9	
	5.39		0.84		0.81		1.8	J-R
	5.64		0.81		0.80		1.9	J-R
	4.51		0.87	J-QC/FFB	<0.050	K	3.4	
	4.90		0.77	J-QC/FFB	<0.050	K	3.4	
	2.62		0.89		0.71		1.8	J-R
	2.64		0.80		0.70		2.0	J-R
	5.56		1.05		0.91		1.3	J-R
	5.62		1.00		0.89		1.4	J-R
	4.95		1.14	J-QC/FFD/RPO	1.06		2.1	J-R
	4.93		2.15	J-QC/FFD/RPO	1.04		2.7	
	4.98		1.00		0.92		2.0	J-R
	4.73		0.94		0.88		2.1	J-R
	4.67		0.95		0.89		<1.3	K
	4.44		0.99		0.86		<1.3	K
	4.30		0.76		0.60		<1.3	K
	4.77		0.76		0.58		<1.3	K
	3.88		0.38	J-QC/FFB	0.34		<1.3	K
	4.25		0.34	J-QC/FFB	0.34		<1.3	K
	3.82		0.37		0.29		1.5	J-R
	4.15		0.35		0.29		<1.3	K
	3.67		0.32		0.31		1.7	J-R
	3.82		0.31		0.32		1.8	J-R
[redacted]								
	2.9200		0.24		0.21		2.8	
	2.8300		0.24		0.20		2.3	J-R
J-QC/FFB	2.6100	J-QC/FFB	0.18	J-QC/FFB	0.13		4.6	
J-QC/FFB	2.7200	J-QC/FFB	0.16	J-QC/FFB	0.15		6.0	
	1.6652		0.19	J-QC/FFB	0.11	J-QC/FFD/RPO	<1.3	KJ-QC/FFD/RPO
	1.8317		0.23	J-QC/FFB	0.08	J-QC/FFD/RPO	1.6	J-RJ-QC/FFD/RPO
	1.8988	J-QC/FLS	0.10		0.10		9.7	
	1.9407	J-QC/FLS	0.10		0.09		8.3	
	2.8015		0.29		0.26		3.8	

	2.8001		0.28		0.27		5.1		
J-QC/FFB	1.4099	J-QC/FFB	0.17		0.15		3.1		
J-QC/FFB	1.4699	J-QC/FFB	0.19		0.17		3.4		
	2.2893	J-QC/FLS	0.31		0.30		—	A/LBF	
	2.3432	J-QC/FLS	0.29		0.28		—	A/LBF	
A/LBF	0.4508	J-QC/FFB/FLS	0.62		0.58	J-QC/FFB	2.1		
A/LBF	0.4102	J-QC/FFB/FLS	0.60		0.59	J-QC/FFB	2.2		
	2.5740		0.57	J-QC/FFB	0.45		2.7		
	3.2237		0.58	J-QC/FFB	0.47		2.8		
J-QC/FFB	4.3827	J-QC/FFD/RPO	0.84	J-QC/FFB	0.75		2.2	J-QC/FFD/RPO	
J-QC/FFB	3.0446	J-QC/FFD/RPO	0.76	J-QC/FFB	0.74		3.1	J-QC/FFD/RPO	
J-QC/FFB	0.4370	J-QC/FFB	0.77		0.71		1.6	J-R	
J-QC/FFB	0.4661	J-QC/FFB	0.71		0.68		1.6	J-R	
	4.9890		0.84	J-QC/FFB	0.68		4.03		
	5.0177		0.88	J-QC/FFB	0.55		3.86		
J-QC/FFB	1.9089	J-QC/FFB	0.31		0.26	J-QC/FFB	2.0		
J-QC/FFB	1.8559	J-QC/FFB	0.29		0.24	J-QC/FFB	1.8	J-R	
	2.8882		0.33		0.29		36.0		
	2.9607		0.31		0.27		37.0		
	0.8142		0.13		0.28		5.54		
	0.8900		0.12		0.25		5.30		
	1.9098		0.24	J-QC/FLS	0.19		10.1		
	1.6495		0.21	J-QC/FLS	0.18		13.2		
J-QC/FFB	3.2643		0.27	J-QC/FLS	0.24		6.14		
J-QC/FFB	3.2731		0.26	J-QC/FLS	0.24		5.59		
J-QC/FFB	0.8357		0.24		0.38		38.0		
J-QC/FFB	0.8909		0.20		0.40		37.1		
[redacted]									
	1.1177		0.10		0.21	J-SUS	22.6		
	1.3738		0.12		0.21	J-SUS	24.6		
J-QC/FFB	3.8689		0.34		0.32		16.4		
J-QC/FFB	3.8601		0.34		0.31		14.2		
J-QC/FFB	1.7326		0.39		0.35		2.13	J-QC/FSL	
J-QC/FFB	1.7472		0.37		0.36		1.59	J-QC/FSL	
J-QC/FFB	6.5343	J-QC/FFB	0.73		0.51		3.10	J-QC/FSL	
J-QC/FFB	6.7056	J-QC/FFB	0.71		0.43		2.80	J-QC/FSL	
	2.3804		0.36		0.32		2.42		
	2.1300		0.36		0.30		2.32		
J-QC/FFB	2.3522		0.31		0.28		3.77		
J-QC/FFB	2.3363		0.29		0.27		4.96		
J-QC/FFB	5.4948		0.60	J-QC/FFB	0.45		1.09		
J-QC/FFB	5.5658		0.55	J-QC/FFB	0.45		0.93		
J-QC/FFB	5.0740		0.71		0.46		7.54		
J-QC/FFB	5.1354		0.80		0.47		7.99		
	3.8464		0.81		0.62	J-QC/FFB/FFDRPO	12.5	J-QC/FSL	
	3.7931		0.83		0.86	J-QC/FFB/FFDRPO	14.7	J-QC/FSL	
	3.5400		0.63		0.61	J-QC/FFB	6.55	J-QC/FFD/RPO	
	3.5127		0.59		0.61	J-QC/FFB	9.65	J-QC/FFD/RPO	
	2.4077		0.26		0.21		3.68	J-QC/FFD/RPO	
	2.4150		0.25		0.23		5.56	J-QC/FFD/RPO	

J-QC/FFB	5.6532	J-QC/FLS	0.77		0.77	J-QC/FFB	0.769	J-QC/FFB/FSL
J-QC/FFB	5.8872	J-QC/FLS	0.78		0.75	J-QC/FFB	0.743	J-QC/FFB/FSL
J-QC/FFB	10.6219		1.14	J-QC/FLS	1.14		1.22	J-QC/FFD/RPO
J-QC/FFB	9.3103		1.07	J-QC/FLS	1.15		2.56	J-QC/FFD/RPO
	6.5658		1.09		1.01	J-QC/FFB	0.941	J-QC/FSL
	6.0608		1.17		1.02	J-QC/FFB	0.738	J-QC/FSL
	7.5778		1.33		1.18		0.516	J-QC/FFD/RPO
	7.5717		1.40		1.14		0.720	J-QC/FFD/RPO
J-QC/FFB	5.3904		0.78		0.73		8.32	J-QC/FFD/RPO
J-QC/FFB	5.6944		0.80		0.72		14.7	J-QC/FFD/RPO
J-QC/FFB	10.8700		1.10		0.93		23.0	J-QC/FFD/RPO
J-QC/FFB	9.7412		1.14		0.96		12.3	J-QC/FFD/RPO
J-QC/FFB	4.1680		0.30	J-QC	0.26	J-QC	1.15	J/LLS
J-QC/FFB	3.9836		0.29	J-QC	0.26	J-QC	1.05	J/LLS
	0.3815	J-QC/FFD/RPO	0.20	J-QC	0.17	J-QC	3.72	
	1.9100	J-QC/FFB/FFDRPC	0.19	J-QC	0.17	J-QC	3.02	
	1.1759	J-QC/FFB	0.19	J-QC/FFD/RPO	0.17	J-QC/FFD/RPO	11.0	-QC/FFB/FFDRPOFS
	1.2020	J-QC/FFB	0.29	J-QC/FFD/RPO	0.25	J-QC/FFD/RPO	22.5	-QC/FFB/FFDRPOFS
J-QC/FFB	0.6773		0.24		0.22		5.85	J-QC/FFB
J-QC/FFB	0.7453		0.25		0.20		5.72	J-QC/FFB
	1.9943		0.17		0.17		2.12	J-QC/FFD/RPO
	1.9094		0.17		0.16		1.13	J-QC/LLS/FFDRPO
J-QC/FFB	2.3588	J-QC/FFB	0.24	J-QC/FLD/RPO	0.20	J-QC/FFB	0.478	J-QC/LLS/FFDRPO
J-QC/FFB	2.4819	J-QC/FFB	0.25	J-QC/FLD/RPO	0.23	J-QC/FFB	0.779	J-QC/LLS/FFDRPO
	1.6798		0.14	J-QC	0.16	J-QC	2.23	J-QC/FFB/FFDRPO
	1.6788		0.16	J-QC	0.15	J-QC	1.48	-QC/LLS/FFBFFDRP(
	1.6204		0.20	J-QC/FFD/RPO	0.17	J-QC	2.59	
	1.6191		0.30	J-QC/FFD/RPO	0.19	J-QC	2.51	
	1.4815		0.22	J-QC	0.21	J-QC	1.29	J/LLS
	1.4716		0.22	J-QC	0.22	J-QC	1.47	J/LLS
	2.6843	J-QC/FLS	0.43		0.43		0.763	J/LLS
	2.6206	J-QC/FLS	0.42		0.43		0.835	J/LLS
	2.7074		0.33		0.33		0.775	J-QC/LLS/FFDRPO
J/LLS	3.1400		0.34		0.33		1.17	J-QC/LLS/FFDRPO
A/LBF	2.5516	J-QC/FFB	0.34	J-QC/FMS	0.32		4.87	
A/LBF	2.4998	J-QC/FFB	0.32	J-QC/FMS	0.31		3.83	
J/LLS	2.9177		0.42		0.39		1.07	-QC/LLS/FFBFFDRP(
J/LLS	2.8688		0.43		0.38		0.705	-QC/LLS/FFBFFDRP(
	4.0281	J-QC/FLS	0.50	J-QC/FFB	0.45		4.29	
	4.3027	J-QC/FLS	0.55	J-QC/FFB	0.47		4.36	
	3.1845	J-HT/EHT	0.50	J-QC/FMS	0.48		3.98	
	3.0754		0.56	J-QC/FMS	0.49		3.87	
	4.4751		0.51		0.45		4.78	
	4.7052		0.50		0.46		4.95	
	3.5366	J-HT/EHT	0.36	J-QC/FFB/FLDRPO	0.25		1.15	J/LLS
	3.5978	J-HT/EHT	0.28	J-QC/FFB/FLDRPO	0.25		1.21	J/LLS
J-QC/FFB	2.1797	J-QC	0.13	J-QC	0.13		1.09	J/LLS
J-QC/FFB	2.1111	J-QC	0.13	J-QC	0.14		1.13	J/LLS

	2.3283	J-QCJ-HT/FLS	0.13		0.11	J-HT/EHT	1.29	J-QC/LLS
	2.8187	J-QCJ-HT/FLS	0.12		0.11	J-HT/EHT	1.04	J-QC/LLS
J-QC/FFB	1.4613	J-QC	—	NAPQNS	—	NAPQNS	3.09	J-QC
J-QC/FFB	1.4815	J-QC	—	NAPQNS	—	NAPQNS	2.72	J-QC
J-QCJ-HT/FFB	1.3245	J-QCJ-HT	0.09	J-QC/FFB/FLDRPO	<0.003	KJ-QCJ-HT/FFB	4.45	J-QC
J-QCJ-HT/FFB	1.4253	J-QCJ-HT	0.09	J-QC/FFB/FLDRPO	<0.003	KJ-QCJ-HT/FFB	4.38	J-QC
J-QC/FFB	1.8318		0.21	J-QC/FFB/FMS	0.19	J-QC/FFB	2.09	J/LLS
J-QC/FFB	1.9113		0.18	J-QC/FFB/FMS	0.17	J-QC/FFB	2.22	
	2.1807	J-QC/FLS	0.20	J-QC	0.18	J-QC/FFB	6.27	
	2.3448	J-QC/FLS	0.19	J-QC	0.17	J-QC/FFB	6.14	
J-QC/FFB	2.1960		0.21		0.19	J-QC/FFB	2.07	J/LLS
J-QC/FFB	2.4219		0.21		0.20	J-QC/FFB	2.14	
J-QC/FFB	1.3993		0.16		0.14		5.26	
J-QC/FFB	1.2643		0.15		0.13		5.14	
J-QC/FFB	2.0090	J-QC	0.21	J-QC/FLD/RPOFMS	0.18		7.04	
J-QC/FFB	2.2483	J-QC	0.21	J-QC/FLD/RPOFMS	0.18		6.04	
J-QC/FFB	1.6347	J-QC	0.20	J-QC	0.17	J-QC	1.51	J/LLS
J-QC/FFB	1.5931	J-QC	0.20	J-QC	0.17	J-QC	1.55	J/LLS
	3.4367		0.40		0.38		2.09	J/LLS
	3.5087		0.41		0.38		2.23	
	2.8127		0.33		0.28		7.52	
	2.9525		0.31		0.27		8.03	
	3.6014		0.52	J-QC/FFB	0.54		9.85	
	3.7007		0.54	J-QC/FFB	0.53		9.98	
J-QC/FFD/RPO	3.8652		0.39	J-QC	0.36	J-QC	5.23	
J-QC/LLS/FFDRPC	4.0565		0.38	J-QC	0.37	J-QC	5.01	
J-QC/FFB	4.2909		0.49		0.45		8.73	
J-QC/FFB	4.1668		0.50		0.44		9.05	
J-QC/FFB	2.4342	J-QC/FLS	0.19		0.14		10.7	J-QC/FFB
J-QC/FFB	2.4871	J-QC/FLS	0.20		0.14		11.1	J-QC/FFB
	3.0483		0.28	J-QC/FMS	0.23		2.72	
	2.7844		0.28	J-QC/FMS	0.22		2.63	

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
14.2	0.00	0.00
—	0.02	0.02
2.6	0.03	0.03
7.0	0.03	0.51
5.6	0.00	0.00
6.0	0.00	0.00
6.0	0.00	0.24
7.5	0.00	0.00
7.7	0.00	0.27
3.3	0.00	0.00
5.8	0.00	0.00
5.4	0.00	0.00
8.3	0.00	0.02
5.7	0.00	0.00
0.7	0.00	0.10
4.6	0.00	0.00
—	0.00	0.00
8.0	0.39	0.39
4.4	0.00	0.00
5.6	0.00	0.00
8.1	0.00	0.66
4.4	0.00	0.00
[redacted]		
2.6	0.19	0.19
<0.5	0.00	0.00
1.4	0.00	0.28
1.1	0.00	0.10
<0.5	0.00	0.00
0.9	0.00	0.00
<0.5	0.00	0.00
1.12	0.09	0.24
1.1	0.00	0.00
1.7	0.00	0.00
5.1	0.66	0.66
4.3	0.95	1.78
4.8	0.00	0.00
—	0.00	0.00
3.9	0.00	0.00
2.2	0.03	0.03
1.5	0.00	0.00
11.2	0.00	0.00
—	0.00	0.00
4.2	0.03	0.03
—	0.30	0.30
—	0.48	0.48
—	0.02	0.14

6.4	0.00	0.00	[redacted]
[redacted]			
5.3	0.00	0.00	
4.6	0.00	0.63	
3.8	0.00	0.00	
—	0.00	0.00	
2.9	0.00	0.00	
4.1	0.00	0.00	
4.6	0.06	0.57	
5.0	0.00	0.00	
5.0	0.00	0.00	
—	0.54	0.93	
4.3	0.02	0.02	
3.4	0.00	0.00	
—	1.56	1.56	
6.8	0.00	0.00	
6.5	0.00	0.00	
6.3	0.00	0.00	
6.9	0.00	0.00	
4.0	0.00	0.00	
3.5	0.00	0.00	
11.9	1.11	1.11	
2.9	0.00	0.00	
2.7	0.00	0.04	
3.3	0.00	0.00	
1.3	0.00	0.00	
<0.5	0.00	0.00	
[redacted]			
—	1.58	1.88	
1.0	0.00	0.00	
2.5	0.42	0.51	
0.9	0.00	0.15	
6.7	0.00	0.00	
0.6	0.00	0.00	
2.3	0.00	0.00	
0.7	0.00	0.00	
1.7	0.00	0.01	
2.8	1.63	3.00	
3.9	0.00	0.00	
2.6	0.00	0.02	
5.5	0.00	0.00	
5.7	0.01	0.01	
4.9	0.00	0.00	
3.5	0.00	0.00	
7.1	0.00	0.00	
4.9	0.00	0.00	
4.9	0.00	0.00	
5.4	0.00	0.22	
5.5	0.30	0.30	
4.7	0.61	0.72	

4.3		0.00	0.82
[redacted]			
2.3		0.00	0.00
2.4		0.00	0.00
2.2		0.00	0.00
4.1		0.00	0.00
3.9		0.00	0.07
4.7		0.48	0.48
4.8		0.00	0.00
6.6		0.04	0.21
4.9		0.80	0.80
6.4		0.00	0.13
6.0		0.00	0.00
4.1		0.00	0.00
5.9		0.00	0.00
4.3		0.00	0.00
5.4		0.00	0.17
5.1		0.00	0.00
7.4		0.12	1.05
[redacted]			
4.4		0.00	1.25
4.5		0.00	1.25
5.7		0.00	0.05
4.8		0.00	0.05
4.9		0.00	0.00
3.9		0.00	0.00
4.6		0.00	0.00
<0.5	KJ-QC/FFB	0.00	0.00
<0.5	KJ-QC/FFB	0.00	0.00
4.2		0.00	0.00
4.0		0.00	0.00
—	NAPQNS	0.00	0.00
5.9		0.00	0.00
6.1	J-QC/FFB	0.92	1.35
5.6	J-QC/FFB	0.92	1.35
4.5		0.22	0.23
3.8		0.22	0.23
4.8		0.00	0.00
4.7		0.00	0.00
8.8		0.00	3.33
8.8		0.00	3.33
6.0	J-QC/FFB	0.08	0.12
5.7	J-QC/FFB	0.08	0.12
11.0	J-QC/FFB/FFDRPO	0.00	0.00
5.7	J-QC/FFB/FFDRPO	0.00	0.00
4.6	J-QC/FFB	0.02	0.02
4.8	J-QC/FFB	0.02	0.02
4.8	J-QC/FFB	0.17	1.26
3.9	J-QC/FFB	0.17	1.26
5.7	BJ-QC/FBK/FFB	0.00	0.00

5.3	BJ-QC/FBK/FFB	0.00	0.00
4.1		0.00	0.00
3.6		0.00	0.00
6.2		0.00	1.04
6.2		0.00	1.04
[redacted]			
3.60		0.00	0.00
3.60		0.00	0.00
8.40	J-QC/FFD/RPO	0.00	0.00
4.10	J-QC/FFD/RPO	0.00	0.00
4.10		0.00	0.00
3.90		0.00	0.00
3.60		0.00	0.00
3.10		0.00	0.00
4.55		0.00	0.00
4.49		0.00	0.00
4.20	J-QC/FFB	0.00	0.01
3.70	J-QC/FFB	0.00	0.01
6.01		0.02	1.13
5.68		0.02	1.13
7.64	J-QC/FFB	0.00	0.00
5.95	J-QC/FFB	0.00	0.00
4.20	J-QC/FFB	0.00	0.00
3.90	J-QC/FFB	0.00	0.00
5.56	J-QC/FFB	0.00	0.00
5.42	J-QC/FFB	0.00	0.00
4.70	J-QC/FFB	0.00	0.01
5.60	J-QC/FFB	0.00	0.01
4.70	J-QC/FFB	0.00	0.00
4.30	J-QC/FFB	0.00	0.00
4.10	J-QC/FFB	0.00	0.00
3.70	J-QC/FFB	0.00	0.00
5.10	J-QC/FFB	0.00	0.09
5.10	J-QC/FFB	0.00	0.09
4.60		0.00	0.00
4.40		0.00	0.00
5.50		0.15	0.65
4.90		0.15	0.65
4.10	J-QC/FFB	0.00	0.00
4.70	J-QC/FFB	0.00	0.00
[redacted]			
4.9		0.00	0.00
4.3		0.00	0.00
5.3	J-QC/FFB	0.00	0.10
5.1	J-QC/FFB	0.00	0.10
5.0		0.00	0.00
4.7		0.00	0.00
5.1		0.00	0.64
4.8		0.00	0.64
3.2	J-QC/FFB/FFDRPO	0.00	0.00

5.1	J-QC/FFB/FFDRPO	0.00	0.00
5.4		0.00	0.00
4.8		0.00	0.00
4.0	J-QC/FFB	0.00	0.49
3.8	J-QC/FFB	0.00	0.49
4.5		0.00	0.00
4.0		0.00	0.00
7.1	J-QC/FFB	0.17	0.17
5.7	J-QC/FFB	0.17	0.17
4.6	J-QC/FFB	0.00	0.00
4.3	J-QC/FFB	0.00	0.00
4.8	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB	0.00	0.00
4.9	J-QC/FFB	0.69	0.69
4.5	J-QC/FFB	0.69	0.69
7.6		0.00	0.00
6.7		0.00	0.00
4.0		0.04	0.12
4.0		0.04	0.12
7.6	J-QC/FFB	1.52	1.59
7.1	J-QC/FFB	1.52	1.59
4.7		0.04	1.03
4.6		0.04	1.03
3.1		0.00	0.00
2.9		0.00	0.00
8.7	J-QC/FFB	0.23	2.42
6.7	J-QC/FFB	0.23	2.42
[redacted]			
6.2		1.48	1.62
6.0		1.48	1.62
2.6	J-QC/FFB	0.01	0.03
2.7	J-QC/FFB	0.01	0.03
3.9	BJ-QC/FBK/FFB	0.00	0.00
3.7	BJ-QC/FBK/FFB	0.00	0.00
4.7		0.02	0.02
3.7		0.02	0.02
3.8		0.91	1.11
3.6		0.91	1.11
6.0	J-QC/FFB	0.00	0.18
6.2	J-QC/FFB	0.00	0.18
4.5	J-QC/FFB	0.09	0.67
4.1	J-QC/FFB	0.09	0.67
4.1		0.00	0.00
4.1		0.00	0.00
4.5	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB	0.00	0.00
—	A/LBF	0.02	0.04
—	A/LBF	0.02	0.04
4.1		0.00	0.23
4.0		0.00	0.23

4.0		0.00	0.00
4.5		0.00	0.00
3.5		0.00	0.00
3.2		0.00	0.00
4.2	J-QC/FFD/RPO	0.05	0.05
7.7	J-QC/FFD/RPO	0.05	0.05
5.2		0.00	0.00
5.3		0.00	0.00
5.3	B/FBK	0.00	0.00
4.2	B/FBK	0.00	0.00
4.2	J-QC/FFB	0.14	0.14
4.3	J-QC/FFB	0.14	0.14
[redacted]			
3.46	J-QC/FFB	0.54	0.54
3.46	J-QC/FFB	0.54	0.54
4.80	J-QC/FFB	0.72	0.72
3.64	J-QC/FFB	0.72	0.72
7.69	BJ-QC/FBK/FFB	0.00	0.00
7.94	BJ-QC/FBK/FFB	0.00	0.00
3.3	J-QC/FFD/RPO	0.00	0.00
6.9	J-QC/FFD/RPO	0.00	0.00
4.8	J-QC/FLD/RPO	0.00	0.00
4.5	J-QC/FLD/RPO	0.00	0.00
4.3	J-QC	0.53	0.53
3.7	J-QC	0.53	0.53
6.8	J-QC	0.12	1.41
6.0	J-QC	0.12	1.41
3.6		0.33	0.33
3.7		0.33	0.33
5.3	J-QC	0.00	0.00
4.4	J-QC	0.00	0.00
6.2	J-QC/FFB/FLDRPO	0.19	0.19
5.1	J-QC/FFB/FLDRPO	0.19	0.19
4.6	J-QC/FFB	0.40	0.40
4.3	J-QC/FFB	0.40	0.40
4.0		0.85	0.86
4.0		0.85	0.86
2.8		0.00	0.00
2.5		0.00	0.00
4.3	QC/FBK/FLDRPOFSLF	0.00	0.00
4.2	QC/FBK/FLDRPOFSLF	0.00	0.00
3.63	J-QC	0.40	0.40
3.71	J-QC	0.40	0.40
5.02		0.19	0.19
5.7		0.19	0.19
4.85	J-QC/FFB	0.00	0.00
5.13	J-QC/FFB	0.00	0.00
[redacted]			
3.8		0.00	0.00
4.3		0.00	0.00

2.0	J-QC/FFB	0.00	0.00
1.7	J-QC/FFB	0.00	0.00
—	NAPQNS	0.00	0.00
—	NAPQNS	0.00	0.00
2.7		0.11	0.11
2.6		0.11	0.11
4.2	J-QC/FFD/RPO	0.03	0.03
2.9	J-QC/FFD/RPO	0.03	0.03
5.2		0.40	0.40
4.8		0.40	0.40
5.1	J-QC/FFB/FMS	0.04	0.07
4.4	J-QC/FFB/FMS	0.04	0.07
6.1	J-QC/FFB	0.20	0.22
5.8	J-QC/FFB	0.20	0.22
3.2		0.00	0.00
2.8		0.00	0.00
2.8		0.01	0.36
3.1		0.01	0.36
3.5		0.00	0.55
3.4		0.00	0.55
3.9	J-QC/FFD/RPO	0.00	0.00
2.4	J-QC/FFD/RPO	0.00	0.00
3.8		0.00	0.00
3.6		0.00	0.00
3.0	J-QC/FFD/FLDRPO	0.37	0.37
4.1	J-QC/FFD/FLDRPO	0.37	0.37
2.8		0.00	0.00
3.7		0.00	0.00
6.1		0.00	0.00
5.8		0.00	0.00
4.5		0.08	0.16
4.4		0.08	0.16

[redacted]

February 7, 2006#REF! #REF!

[redacted]

[redacted]

Station #26 Upper Raritan River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 3, 2003	10:50	6.90	3.2	11.93
December 18, 2003	10:15	6.80	3.3	9.45
2004				
February 26, 2004	11:10	8.16	3.7	13.81
April 13, 2004	11:20	5.36	9.1	9.82
May 19, 2004	11:30	6.97	22.4	6.35
June 10, 2004	10:25	7.26	26.0	8.00
June 17, 2004	10:15	8.38	25.3	12.67
June 24, 2004	10:40	8.49	24.5	13.54
June 29, 2004	10:55	7.65	23.8	7.20
July 15, 2004	10:56	6.95	21.8	4.20
July 22, 2004	09:40	7.50	25.1	4.40
July 29, 2004	09:30	7.13	20.1	6.92
August 5, 2004	10:25	7.41	25.89	7.46
August 12, 2004	10:33	7.01	22.71	6.07
August 19, 2004	11:34	7.43	23.79	7.03
August 26, 2004	10:30	7.47	23.06	8.33
September 2, 2004	11:45	7.62	25.65	6.23
September 23, 2004	10:10	6.98	19.65	8.03
September 30, 2004	10:40	6.27	18.33	7.19
October 13, 2004	10:40	7.40	15.47	9.73
October 28, 2004	10:30	7.00	11.7	9.78
November 9, 2004	10:15	—	9.2	10.43
November 23, 2004	10:23	7.20	10.22	11.98
December 9, 2004	10:13	7.80	6.77	11.25
2005				
March 10, 2005	11:15	—	1.10	16.54
April 14, 2005	10:22	—	11.84	12.64
April 28, 2005	10:29	8.23	14.51	12.76
May 4, 2005	11:28	7.42	13.64	11.01
May 12, 2005	10:26	7.92	18.92	10.98
May 16, 2005	12:09	7.94	20.59	10.35
June 9, 2005	10:20	7.08	25.68	7.98
June 14, 2005	10:26	7.31	27.33	7.57
June 23, 2005	10:47	7.38	23.59	10.74
July 7, 2005	10:20	6.96	25.87	5.09
July 21, 2005	11:44	7.05	28.37	6.10
July 27, 2005	10:55	7.04	28.75	6.05
August 4, 2005	10:24	7.27	28.34	7.01
August 9, 2005	10:24	—	27.37	5.78
August 23, 2005	10:40	7.17	25.99	5.30
September 1, 2005	—	—	—	—
September 6, 2005	—	—	—	—
September 15, 2005	11:56	6.98	23.65	4.95
September 22, 2005	10:49	7.17	24.14	5.68
October 4, 2005	11:06	7.26	20.36	7.68

October 20, 2005		10:28	7.47	14.91	9.52
November 21, 2005		10:29	6.91	6.67	12.30
December 19, 2005		11:43	6.58	2.39	15.95
2006					
January 17, 2006		11:16	7.44	1.12	17.80
February 16, 2006		11:00	8.35	3.79	17.13
February 28, 2006		10:42	8.54	1.31	18.30
March 28, 2006		10:18	8.61	9.18	15.04
April 19, 2006		11:13	8.10	16.99	8.99
April 25, 2006		10:13	6.59	13.71	8.47
May 3, 2006		11:34	7.47	16.92	8.25
May 8, 2006		10:00	7.28	18.66	6.72
June 22, 2006		11:48	7.48	25.99	7.51
June 27, 2006		11:03	7.41	23.08	6.36
July 13, 2006		11:47	7.57	26.41	8.68
July 20, 2006		10:52	7.94	28.50	8.52
July 25, 2006		10:38	7.20	25.19	6.36
August 8, 2006		10:18	6.92	27.74	4.56
August 22, 2006		10:17	7.07	26.04	5.92
August 30, 2006		10:36	7.20	21.72	5.78
September 7, 2006		10:42	7.70	20.90	8.43
September 13, 2006		10:35	7.25	20.83	8.99
September 19, 2006		10:34	7.63	22.02	7.35
September 26, 2006		10:37	7.48	20.12	10.35
October 3, 2006		11:02	7.63	17.51	9.11
October 17, 2006		11:03	7.85	12.67	10.01
October 31, 2006		10:46	7.52	9.58	9.96
November 15, 2006		10:35	8.06	13.74	8.87
November 28, 2006		11:05	7.88	8.14	10.31
December 12, 2006		10:54	9.02	3.36	14.02
2007					
January 9, 2007		10:58	9.54	7.15	10.12
January 23, 2007		11:08	8.37	1.17	12.70
March 22, 2007		11:21	8.34	6.05	13.51
May 1, 2007		10:57	7.81	15.04	12.05
May 17, 2007		10:28	7.55	20.99	8.77
Boat engine failure - 5/18/07					
September 5, 2007		10:29	7.69	24.04	5.97
September 12, 2007		10:28	7.73	24.62	5.82
September 27, 2007		11:20	7.47	22.97	6.87
October 2, 2007		10:38	7.75	20.77	6.04
October 16, 2007		10:58	7.62	16.89	6.85
November 1, 2007		10:34	7.79	11.86	9.84
November 29, 2007		10:46	—	6.90	10.50
December 11, 2007	A	10:32	—	3.72	12.25
December 11, 2007	B	10:32	—	—	—
December 20, 2007		10:45	—	2.71	14.39
2008					
January 8, 2008		10:35	—	4.92	13.90
February 7, 2008		10:59	7.37	6.61	12.20

March 11, 2008	10:52	7.08		5.80		12.15
April 8, 2008	11:14	7.74		10.01		11.58
May 13, 2008	11:16	7.77		12.92		9.28
May 28, 2008	10:49	7.75		20.58		6.98
June 3, 2008	10:36	7.52		22.63		6.95
June 17, 2008	10:55	7.12		25.57		5.03
June 24, 2008	11:11	7.67		24.91		10.11
July 15, 2008	11:19	7.35		26.17		5.26
August 5, 2008	09:46	7.56		26.20		4.24
September 4, 2008	11:00	7.26		25.21		6.07
September 10, 2008	10:45	7.92		21.91		6.02
September 16, 2008	10:34	7.24		23.36		3.88
September 23, 2008	10:19	7.50		20.07		7.67
October 7, 2008	10:28	—		15.81		6.21
November 24, 2008	11:13	7.78		2.76		12.23
December 3, 2008	10:50	7.38		5.30		12.25
2009						
February 10, 2009	11:32	7.34		2.15		11.92
March 18, 2009	10:47	8.35		8.42		15.97
April 30, 2009	11:27	7.39		20.57		—
May 7, 2009	10:44	7.54		13.78		—
May 28, 2009	10:32	7.90		19.68		—
June 4, 2009	11:19	7.83		18.80		—
June 16, 2009	12:04	7.17		19.39		7.75
June 24, 2009	11:30	7.28		21.32		7.47
July 7, 2009	10:30	7.58		24.07		7.52
July 14, 2009	10:48	7.05		22.95		7.02
July 28, 2009	11:31	—	NAPEFAI/EQF	25.25		6.07
August 4, 2009	11:30	—	NAPEFAI/EQF	22.90		6.60
August 13, 2009	10:53	7.53		25.82		8.77
August 18, 2009	10:40	—	NAPEFAI/EQF	27.43		—
September 1, 2009	11:25	—	NAPEFAI/EQF	21.73		—
September 15, 2009	11:20	—	NAPEFAI/EQF	21.77		—
September 22, 2009	11:13	—	NAPEFAI/EQF	20.20		—
October 19, 2009	11:09	—	NAPEFAI/EQF	9.82		—
November 9, 2009	10:41	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 8, 2009	10:46	7.44		5.03		12.95
2010						
March 23, 2010	10:51	7.17		11.39		10.58
April 13, 2010	10:30	8.95		16.39		17.24
May 13, 2010	10:37	7.09		12.80		10.02
May 20, 2010	10:40	7.32		15.77		8.96
May 26, 2010	10:23	7.53		22.12		8.33
June 8, 2010	10:38	7.38		23.24		7.24
June 14, 2010	10:54	7.45		23.78		9.07
June 24, 2010	10:34	7.98		27.42		10.34
July 15, 2010	10:30	7.19		24.65		3.84
July 20, 2010	10:26	7.33		29.07		6.39
July 27, 2010	10:45	7.47		28.24		7.51
August 3, 2010	10:29	7.51		25.55		6.66

August 10, 2010		10:40	7.59		27.08		8.53
August 17, 2010		10:27	7.46		25.59		7.24
August 31, 2010		10:38	7.35		24.93		6.42
September 8, 2010		10:29	7.50		24.18		8.42
September 14, 2010		10:40	7.35		20.28		6.62
September 21, 2010		11:12	7.65		21.11		8.08
September 29, 2010		10:18	7.23		21.85		6.21
October 6, 2010		10:55	7.26		15.39		8.32
November 15, 2010		10:58	7.40		9.28		9.52
December 8, 2010		11:03	7.72		2.12		13.37
2011							
January 5, 2011		10:48	7.89		1.03		15.30
February 17, 2011		10:45	6.99		2.74		17.84
March 9, 2011		11:50	6.93		6.63		13.05
April 11, 2011		10:40	7.75		11.67		11.25
May 3, 2011		10:35	7.11		16.73		9.65
May 10, 2011		10:59	8.14		18.19		11.25
May 25, 2011		10:42	7.40		18.86		8.61
June 7, 2011		10:38	7.99		22.26		10.31
June 14, 2011		10:38	7.32		23.02		7.18
June 28, 2011		11:05	7.70		26.01		8.79
July 6, 2011		10:34	7.42		26.03		6.99
July 13, 2011		10:28	7.31		27.94		7.05
July 28, 2011		10:32	7.61		27.93		7.13
August 9, 2011		10:50	8.22		28.20		9.43
August 17, 2011		10:45	7.20		21.96		7.03
August 24, 2011		10:39	7.17		21.53		7.18
September 14, 2011		10:40	7.48		22.02		8.10
September 21, 2011		10:35	7.80		17.39		9.82
October 25, 2011		10:47	8.01		13.18		10.98
November 2, 2011		10:47	7.73		8.41		11.56
December 20, 2011		10:43	8.06		3.71		13.47
2012							
January 11, 2012		11:48	8.40		3.57		13.16
February 8, 2012		10:44	8.29		4.75		13.45
March 7, 2012		10:58	8.34		6.48		16.27
April 19, 2012		10:51	7.42		17.87		7.31
May 2, 2012		10:40	7.55		15.88		9.95
May 10, 2012		10:45	7.30		17.80		7.26
May 17, 2012		10:33	7.19		19.48		10.41
May 23, 2012		10:13	7.22		21.08		8.03
June 6, 2012	A	11:08	—	NAPEFAI/EQF	19.63		4.88
June 6, 2012	B	11:08	—	NA	—	NA	—
June 14, 2012		10:20	—	NAPEFAI/EQF	21.09		5.56
June 20, 2012		11:20	—	NAPEFAI/EQF	24.43		4.58
June 28, 2012		10:25	—	NAPEFAI/EQF	23.72		6.32
July 12, 2012		10:36	7.36		28.14		7.20
July 24, 2012		10:35	7.32		23.29		6.24
July 31, 2012		11:16	7.39		25.98		6.50
August 22, 2012		10:20	7.22		24.83		5.04

September 11, 2012		10:45	7.35		22.95		6.15
September 19, 2012		10:38	7.62		21.61		7.56
September 25, 2012		10:40	7.62		19.43		8.10
October 18, 2012		11:08	7.70		14.70		7.69
November 29, 2012		09:09	7.62		4.75		12.26
December 5, 2012		09:35	7.51		7.35		13.20
2013							
January 8, 2013		09:13	7.08		3.18		14.68
February 6, 2013		09:12	7.09		1.30		15.58
March 13, 2013		08:54	7.61		8.92		11.00
April 2, 2013		09:04	8.93		8.85		13.96
May 2, 2013		10:58	7.59		16.49		9.19
May 7, 2013		10:47	7.33		18.56		7.45
May 15, 2013		10:12	7.43		16.46		8.78
May 21, 2013		10:24	7.86		20.16		7.53
June 4, 2013		10:13	7.53		24.04		5.85
June 12, 2013		10:24	7.35		19.60		7.34
June 19, 2013		10:28	7.60		19.72		7.55
June 26, 2013		10:48	7.66		25.77		7.01
July 11, 2013		10:03	7.48		26.72		5.82
July 30, 2013		10:50	7.23		23.10		6.29
August 15, 2013		10:22	7.69		22.51		7.27
August 21, 2013		11:13	7.85		24.47		8.58
September 11, 2013		10:32	7.38		22.57		6.78
September 17, 2013		10:45	7.97		19.11		7.76
September 24, 2013		10:30	7.77		18.21		7.44
October 2, 2013		10:30	7.91		19.18		9.20
November 20, 2013		10:38	8.82		7.91		12.22
December 4, 2013		11:02	8.69		4.88		12.10
2014							
January 16, 2014		10:52	7.42		3.47		14.43
March 10, 2014		11:07	8.29		4.33		12.46
April 9, 2014		10:40	9.06		9.24		11.53
May 7, 2014		10:34	8.20		14.21		11.58
May 12, 2014		10:38	8.78		17.91		10.05
May 28, 2014		10:49	7.81		20.34		8.26
June 17, 2014		10:33	8.02		21.90		7.68
June 25, 2014		10:38	8.13		23.18		10.57
July 9, 2014		10:48	8.06		26.44		10.30
July 30, 2014		10:30	7.93		23.69		6.33
August 14, 2014		10:35	7.34		22.70		5.23
August 26, 2014	A	11:29	7.88		22.99		7.83
August 26, 2014	B	11:29	—	NA	—	NA	—
September 9, 2014		11:00	8.05		22.53		6.18
October 2, 2014		10:24	7.40		20.01		7.01
November 20, 2014		10:45	7.60		3.57		9.37
December 4, 2014		10:34	7.97		5.14		13.63

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	91.3	0.1	3	2
	67.5	0.1	1	37
[redacted]				
	105.1	0.2	5	1
	85.3	0.2	1	30
	68.7	0.2	3	14
	100.0	—	2	10
	158.2	—	2	12
	144.4	—	2	21
	—	—	2	20
	44.0	—	<1	130
	49.0	—	1	25
	76.2	—	1	40
	91.9	0.14	2	22
	69.6	0.21	1	20
	83.2	0.65	2	18
	97.4	0.15	4	8
	77.3	1.87	1.5	20
	87.7	0.14	3	12
	76.6	0.07	1.5	18
	99.3	2.86	4	5
	89.7	1.1	2	8
	93.3	0.8	3	1
	107.0	0.16	3	7
	92.4	0.10	2	6
[redacted]				
	111.4	0.30	3	5
	116.6	0.14	5	1
	125.3	0.19	1	8
	105.8	0.17	3	6
	118.5	0.44	2.5	10
	116.5	1.85	3.5	6
	99.1	7.09	2.5	12
	97.4	3.21	3.5	10
	132.7	8.37	2	18
	64.2	4.72	1.5	15
	78.6	0.31	2	9
	79.3	2.33	1	24
	93.7	8.93	2	12
	76.1	7.42	1.5	15
	68.1	7.19	1	25
	—	—	—	19
	—	—	—	14
	58.4	0.14	<1	25
	69.8	5.44	1	22
	88.9	7.51	2	13

94.4	0.23	2	9
100.7	0.19	5	7
116.7	0.21	2	8
[redacted]			
125.9	0.20	2	4
130.3	0.37	5	3
130.1	0.32	3	10
131.5	0.79	3	8
93.5	1.05	2	16
81.8	0.12	<1	10
85.3	0.20	2	10
72.9	2.22	3	8
92.6	0.48	2	16
74.3	0.14	2	11
107.9	0.17	—	10
109.9	0.19	—	7
77.7	0.17	—	8
60.3	6.97	2	10
76.1	7.46	2	15
65.9	0.53	2	13
94.5	0.19	2	10
100.9	0.99	2	26
84.1	0.16	2	10
116.4	3.78	3	10
96.4	1.62	3	6
94.8	0.77	3	4
87.3	0.11	2	2
85.7	0.11	2	7
87.5	0.13	5	4
105.8	0.63	5	2
[redacted]			
83.8	0.09	1	18
89.9	0.31	2.5	10
108.7	0.31	2	7
119.4	0.14	4	5
98.6	0.35	3	10
71.5	0.93	3	6
71.0	2.35	2	14
84.4	8.09	3	13
69.7	5.47	2	16
72.7	4.82	3	10
91.2	0.17	2	12
86.4	0.19	2	11
93.3	0.36	3	6
—	—	—	6
106.3	0.31	3	4
[redacted]			
108.7	0.20	6	5
99.7	0.16	2	2

	97.3		0.12		1		12	
	102.9		0.38		3		6	
	87.9		0.14		3		<1	
	78.6		1.73		4		5	
	81.1		0.86		3		12	
	62.4		2.43		1		28	
	127.7		6.67		1		27	
	66.7		3.52		3		6	
	53.6		4.18		1		31	
	76.6		6.75		2		16	
	68.9		0.23		4		2	
	46.8		5.02		2		10	
	84.0		0.75		3		8	
	63.3		2.12		3		6	
	90.5		0.25		4		1	
	96.7		0.14		3		2	
[redacted]								
	91.3		7.61		1		42	
	135.9		0.29		6		4	
NAPEFAI/EQF	—	NAPEFAI/EQF	0.37		2		18	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	0.13		1		200	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	1.04		1		21	
NAPEFAI/EQF	—	NAPEFAI/EQF	0.17		2		12	
	84.3		0.12		1		15	J-QC/FFB
	84.3		0.18		3		6	J-QC/FFB
	90.2		1.05		2		10	J-QC/FFB
	82.1		0.60		2		18	
	73.6		0.14		2		14	
	77.0		0.10		2		24	J-QC/FFD/RPO
	108.3		0.66		2		22	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	0.74		3		9	
NAPEFAI/EQF	—	NAPEFAI/EQF	0.14		3		10	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	0.18		2		13	
NAPEFAI/EQF	—	NAPEFAI/EQF	3.55		2		17	
NAPEFAI/EQF	—	NAPEFAI/EQF	1.52		2		13	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	>10	L	8	J-QC/FFD/RPO
	101.6		0.20		3		3	
[redacted]								
	96.7		0.09		1		129	
	177.6		0.16		6		4	
	94.6		0.17		3		10	J-QC/FFB
	90.0		0.15		3		8	
	95.5		0.24		2		9	J-QC/FFD/RPO
	87.4		4.63		3		14	
	108.1		0.65		2		16	
	132.7		2.28		2		27	
	70.1		0.23		2		21	J-QC/FFD/FLDRPO
	85.1		1.07		2		12	
	101.9		5.26		2		26	
	82.3		2.07		2		18	

	113.4		8.63		2		15	
	89.5		1.52		3		12	
	81.5		—	NAPEFAI/EQF	2		20	
	105.1		8.30		2		36	J-QC/FLD/RPO
	75.6		3.87		3		15	
	93.8		4.84		5		14	
	72.8		4.88		2		34	
	83.0		0.22		2		18	
	89.7		11.82		5		3	J-QC/FFD/RPO
	97.6		0.70		3		12	
[redacted]								
	107.5		0.52		4		10	J-QC/FFD/FLDRPO
	131.6		0.30		4		8	
	105.3		0.16		2		16	
	103.6		0.20		4		2	
	99.4		0.16		5		4	J-QC/FLD/RPO
	118.8		0.18		4		12	
	92.5		0.13		2		9	
	119.1		0.63		3		20	
	83.9		0.27		2		28	
	109.1		0.22		2		16	
	86.1		0.29		1		42	
	90.6		1.00		2		20	
	92.1		2.59		3		10	
	122.7		1.94		3		18	
	80.5		0.09		2		7	
	81.5		0.09		2		17	
	92.7		0.13		4		2	
	102.3		0.18		6		2	
	104.4		0.17		2		16	
	98.4		0.15		3		4	J-QC/FFD/RPO
	102.1		0.15		5		<1	K
[redacted]								
	99.2		0.21		3		14	
	105.2		0.28		4		9	
	132.8		0.18		4		4	
	79.3		4.72		3		25	
	100.3		0.46		1		10	J-QC/FFD/RPO
	75.7		0.28		2		21	
	113.3		0.13		1		18	
	88.5		0.15		3		8	
	53.8		0.24		3		15	
NA	—	NA	—	NA	—	NA	14	
	62.2		0.12		2		12	J-QC/FFD/RPO
	55.2		0.35		4		11	
	74.3		0.21		4		8	
	93.1		11.94		2		11	
	74.1		3.21		2		24	J-QC/FLD/RPO
	80.0		0.18		2		20	
	62.2		4.27		1		30	J-QC/FFB

	74.4		5.05		5		16	
	87.2		2.77		2		20	
	88.2		1.42		2		12	J-QC/FLD/RPO
	79.3		7.15		4		16	
	98.2		4.35		3		14	
	112.0		3.16		5		8	
	110.2		1.03		5		<1	K
	110.7		0.26		2		8	
	95.4		0.23		2		34	J-QC/FFD/FLDRPO
	120.5		0.24		6		<1	K
	94.0		0.23		3		14	
	79.7		0.26		1		22	
	89.9		0.22		1		11	
	82.1		0.31		4		8	
	67.3		0.19		1		28	
	79.9		0.11		3		12	
	83.1		0.16		3		10	
	86.3		0.95		3		18	
	73.9		3.56		1.5		18	
	73.5		0.10		1		15	
	83.8		0.15		1		10	J-QC/FFB
	104.9		2.75		1		20	
	78.1		4.63		1		32	
	85.6		3.48		2		14	
	79.8		1.82		1		24	
	103.1		6.97		3		20	
	106.4		5.03		4		16	
	95.0		1.31		3		16	
	109.1		0.26		1		7	J-QC
	96.0		0.24		1		10	J-QC/FLD/RPO
	100.1		0.21		4		6	
	113.1		0.16		4		6	J-QC/FFB
	106.4		0.18		1		10	J-QC/FFB/FLDRPO
	91.7		0.26		1		8	J-QC/FLD/RPO
	87.6		0.22		3		20	
	123.9		0.22		1		15	
	130.8		1.65		1		15	
	77.0		4.20		1		—	NAPQNS
	62.2		5.08		1		30	
	91.8		1.15		4		20	
NA	—	NA	—	NA	—	NA	18	
	73.5		3.69		1		22	
	79.1		3.25		1		20	J-QC
	69.3		0.23		1		10	
	107.3		0.24		1		11	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
2.84	10	<0.09	0.011
0.89	4	0.24	0.026
[redacted]			
0.78	2	<0.19	0.026
0.50	3	<0.19	0.026
1.20	2	<0.19	0.042
1.22	3	<0.19	0.033
1.40	3	<0.19	0.052
0.46	4	<0.19	0.013
1.51	3	<0.19	0.037
4.07	<2	<0.19	0.067
2.35	4	<0.19	0.032
2.97	3	<0.19	0.032
1.00	3	<0.19	0.012
2.36	6	<0.19	0.030
3.16	<2	<0.19	0.019
2.21	<2	<0.19	0.017
0.97	<2	<0.19	0.027
1.00	5	<0.19	0.017
1.19	<2	<0.19	0.022
—	3	<0.19	0.020
0.80	3	<0.19	0.018
0.75	<2	<0.19	0.012
0.67	6	<0.19	0.012
1.80	<2	<0.19	0.015
[redacted]			
0.76	<2	<0.19	0.021
0.40	<2	<0.19	0.008
<1.00	<2	<0.19	0.026
0.85	<2	<0.19	0.021
0.91	<2	<0.19	0.034
1.05	<2	<0.19	0.035
1.15	<2	<0.27	0.056
1.42	<2	<0.27	0.049
1.25	<2	<0.27	0.042
1.35	<2	<0.27	0.032
1.23	4	<0.27	0.025
1.89	<2	<0.27	0.029
1.89	8	<0.27	0.048
1.54	5	<0.27	0.046
1.04	<2	<0.27	0.041
1.47	3	<0.27	0.047
1.41	6	<0.27	0.054
1.21	6	<0.27	0.036
1.21	4	<0.27	0.054
1.43	12	<0.27	0.066

0.94	<2	<0.27	0.010
0.76	<2	<0.27	0.010
<1.00	<2	<0.27	0.020
[redacted]			
0.60	5	<0.27	0.02
0.72	3	<0.27	0.014
0.70	<2	<0.27	0.016
1.09	<2	<0.27	0.035
1.50	<2	<0.295	0.030
1.27	4	<0.295	0.020
1.59	<2	<0.295	0.030
1.10	—	<0.295	0.044
1.76	<2	<0.295	0.056
<1.00	—	<0.295	0.034
0.96	—	<0.295	0.015
1.11	—	<0.295	0.024
—	6	<0.295	0.021
1.37	<2	<0.295	0.033
1.79	2	<0.295	0.032
1.78	<2	<0.295	0.025
<1.00	—	<0.295	0.020
0.87	<2	<0.295	—
0.93	<2	<0.295	0.012
0.75	—	<0.295	0.027
<1.00	—	<0.295	0.011
0.65	<2	<0.295	0.013
0.58	<2	<0.295	0.010
1.08	<2	<0.295	0.009
0.78	<2	<0.295	0.009
0.42	<2	<0.295	0.011
[redacted]			
1.05	<2	<0.295	0.022
0.59	<2	<0.295	0.011
0.91	<2	0.130	0.012
0.33	<2	0.093	0.009
0.78	<2	0.167	0.022
<1.00	3	0.094	0.022
0.43	<2	0.156	0.031
1.30	<2	0.129	0.043
0.84	<2	0.197	0.040
1.00	<2	0.184	0.037
0.99	<2	0.223	0.011
0.95	<2	0.103	0.010
0.59	<2	0.146	0.014
0.64	<2	0.134	0.011
0.68	<2	0.177	0.009
[redacted]			
0.72	<2	0.151	0.008
1.14	<2	0.151	0.008

1.01		<2		0.157		0.012
0.83		<2		0.140		0.012
1.03		<2		0.102		0.043
1.16		<2		0.153		0.024
1.23		<2		0.047		0.031
1.13		<2		0.068		0.056
1.34		<2		0.054		0.026
1.04		<2		0.108		0.023
1.50		<2		0.199		0.041
1.06		<2		0.126		0.029
1.02		—		0.131		0.021
1.34		<2		0.206		0.032
1.40		<2		0.077		0.018
1.11		<2		0.455		0.021
0.82		<2		0.103		0.012
0.84		<2		0.642		0.016
[redacted]						
1.18	BJ-QC/FBK/FFB	4	J-QC/FFB/FLS	<0.018	KJ-QC/FMS	0.019
1.65	BJ-QC/FBK/FFB	<2	K	0.173	J-QC/FFB	0.031
1.81	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.224		0.043
2.09	BJ-QC/FBK/FFB	<2	K	0.261		0.045
1.35	BJ-QC/FBK/FFB	<2	K	0.136		0.029
1.80	J-QC/FLS	<2	KJ-QC/FLS	0.104		0.023
1.13	J-QC/FFB	<2	K	0.084		0.021
1.87	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.047		0.018
0.98	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.051		0.017
1.07	BJ-QC/FBK/FLS	<2	K	0.036		0.009
1.39	BJ-QC/FBK/FFB	<2	K	0.031	J-R	0.016
1.39	BJ-QC/FBK/FFBFLDRPO	<2	K	0.025	J-R	0.009
1.37	B/FBK	<2	K	<0.018	K	0.015
1.51	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.013
1.41	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.017
2.10	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	<0.018	K	0.016
1.21	BJ-HT/FBK/EHT	<2	KJ-QC/FFD/RPOFLS	0.025	J-R	0.019
1.03	BJ-QC/FBK/FFBFFDRPOFLS	—	NRP	0.020	J-RJ-HTEHT	0.020
1.25	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.081		0.014
1.57	BJ-QC/FBK/FFBFLS	<2	K	0.142	J-QC/FFB/FSL	0.009
[redacted]						
1.76	BJ-QC/FBK/FFBFLS	<2	K	0.080		0.0491
1.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.020	J-R	0.0189
1.53	BJ-QC/FBK/FFBFLS	<2	K	0.050		0.0205
1.72	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	0.055		0.0166
1.64	BJ-QC/FBK/FFB	<2	K	0.111	J-QC/FFB	0.0212
1.98	BJ-QC/FBK/FFB	<2	K	0.146		0.0252
2.30	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	2	J-QC/FLS	<0.0175	K	0.0294
2.37	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0372
2.29	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.040		0.0198
2.26	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.075	J-QC/FSL	0.0278
1.77	BJ-QC/FBK/FFBFFDRPO	3	J-QC/FLS	0.162		0.0409
1.97	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.089		0.0220

1.43	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.084		0.0378
1.77	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.068		0.0228
1.61	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.052		0.0416
1.87	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.037	J-QC/FFD/RPOFMS	0.0252
1.91	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.126		0.0270
1.69	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	<0.0175	K	0.0159
1.99	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.136		0.0291
1.66	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.089		0.0128
1.60	BJ-QC/FBK/FLSEHT	<2	K	0.086		0.0115
1.93	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.116		0.0151
[redacted]						
1.37	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FFB	0.020	J-R	0.0173
1.32	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	0.173		0.0149
1.52	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.136		0.0154
1.45	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.084		0.0157
1.69	BJ-QC/FBK/FFBFLS	<2	K	0.163		0.0146
1.50	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.076		0.0109
1.46	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.109		0.0201
1.69	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.049	J-RJ-QC/FFD/RPO	0.0200
1.27	BJ-QC/FBK/FFBFLS	<2	K	0.038	J-RJ-QC/FSL	0.0212
1.61	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FFD/RPO	<0.0293	KJ-QC/FFD/RPO	0.0392
2.06	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.053		0.0241
1.54	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0293	KJ-QC/FFD/RPO	0.0278
1.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	<0.0293	K	0.0243
2.12	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.054		0.0259
1.78	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.071		0.0171
1.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.054	J-QC/FFB	0.0149
1.13	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.277		0.0090
1.11	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.067		0.0104
2.07	BJ-QC/FBK/FFBFLS	<2	K	0.062		0.0076
2.60	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.185	J-QC/FFB	<0.0014
1.36	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.065	J-QC/FSL	0.0164
[redacted]						
1.40	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.775		0.0227
1.11	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.349		0.0142
1.82	BJ-QC/FBK/FFBFLS	<2	K	0.083	J-QC/FMS	0.0146
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.183	J-QC/FFB	0.0455
2.22	BJ-QC/FBK/FFB	3		0.173		0.0303
1.98	BJ-QCJ-HT/FBK/FFBFLSEHT	3		0.042	J-RJ-QC/FMS	0.0246
1.33	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.073	J-RJ-QC/FMS	0.0272
1.79	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.235		0.0267
1.68	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.084		0.0239
1.16	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.099		0.0227
1.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.146	J-QC/FMS	0.0210
1.35	BJ-QC/FBK/FFBFLS	6	J-QC/FFB	0.152	J-QC/FFD/RPO	0.0203
1.29	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.058	J-RJ-QC/FMS	0.0147
1.79	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.090	J-QC/FMS	0.0292
1.98	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.169	J-QC/FMS	0.0345
1.40	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.074	J-RJ-QC/FMS	0.0176
1.32	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FFD/RPO	0.238		0.0646

1.92	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.074	J-RJ-QC/FSL	0.0506
1.57	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.079		0.0282
1.52	BJ-QC/FBK/FFBFLS	<2	K	0.079	J-QC/FMS	0.0209
0.79	BJ-QC/FBK/FFB	<2	K	0.374		0.0449
—	NA	—	NRP	0.198		0.0276
—	NA	<2	KJ-QC/FLS	0.172	J-QC/FMS	0.0228
[redacted]						
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.156	J-QC/LLS/FMS	0.0113
—	NA	<2	KJ-QC/FMS	0.091	J/LLS	0.0116
—	NA	<2	KJ-QC/FMS	0.034	J-RJ-QC/LLS/FSLFMS	0.0424
—	NA	<2	KJ-QCJ-HT/FMS/EHT	<0.0217	K	0.0126
—	NA	<2	K	0.272	J/LLS	0.0252
—	NA	<2	KJ-QC/FMS	0.227	J/LLS	0.0303
1.66	BJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	0.216	J-QC/LLS/FSLFMS	0.0257
1.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.119	J-QC/LLS/FMS	0.0348
2.10	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.057	J-QC/LLS/FSLFMS	0.0357
1.92	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.125	J-QC/LLS/FSL	0.0160
1.59	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.096	J-QC/LLS/FMS	0.0209
1.85	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.125	J/LLS	0.0181
1.85	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0162
1.65	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FMS	<0.0911	K	0.0188
1.26	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0178
1.83	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.127	J-R/LLS	0.0186
1.83	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0270
1.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.199	J/LLS	0.0226
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.139	J-R/LLS	0.0219
1.31	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FSL	0.0270
1.54	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.223	J/LLS	0.0221
1.74	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.321	J/LLS	0.0156
[redacted]						
1.90	BJ-QC/FBK/FFBFMS	<2	K	0.245	J-QC/LLS/FFB	0.0158
1.94	BJ-QC/FBK/FFBFMS	<2	K	0.191	J/LLS	0.0530
1.77	BJ-QC/FBK/FFB	<2	K	0.068	J/LLS	0.0416
1.32	BJ-QC/FBK/FFBFMS	<2	K	0.045	J-RJ-QC/LLS/FFB	0.0094
1.13	BJ-QC/FBK/FFBFLDRPO	<2	K	0.102	J/LLS	0.0117
1.73	BJ-QC/FBK/FFBFLDRPO	<2	K	0.142	J-QC/LLS/FSL	0.0177
2.13	BJ-QC/FBK/FFBFMS	<2	K	0.210	J/LLS	0.0259
1.94	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.039	J-R/LLS	0.0128
1.98	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0252
—	NAPQNS	—	NAPQNS	—	NAPQNS	—
1.51	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0277
1.20	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0186
1.27	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0216
1.18	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FMS	0.0334
1.62	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.074	J/LLS	0.0238
1.43	BJ-QC/FBK/FFBFMS	3		0.036	J-R/LLS	0.0172
1.45	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.041	J-RJ-QC/LLS	0.0123
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	2.33	0.147	0.21	0.69
	1.95	0.189	0.21	2.81
	2.57	0.121	0.10	2.54
	1.34	0.187	0.14	34.4
	1.99	0.205	0.18	7.7
	1.73	0.257	0.27	23.6
	1.59	0.268	0.21	46.0
	1.90	0.301	0.24	81.8
	1.83	0.318	0.25	58.6
	1.24	0.293	0.13	2.4
	1.44	0.294	0.27	8.83
	1.58	0.195	0.21	1.26
	1.72	0.210	0.18	9.37
	1.22	0.164	0.21	10.31
	1.41	0.188	0.21	5.71
	1.45	0.228	0.22	3.75
	1.58	0.240	0.25	11.7
	2.18	0.286	0.31	1.84
	1.68	0.192	0.22	3.65
	1.93	0.400	0.18	2.65
	1.97	0.219	0.19	2.65
	1.79	0.138	0.16	1.22
	2.18	0.267	0.20	1.31
	1.90	0.188	0.16	0.93
	1.77	0.081	0.07	5.91
	1.35	0.081	0.12	1.87
	1.48	0.125	0.14	3.31
	1.42	0.380	0.10	1.37
	1.54	0.197	0.21	8.19
	1.84	0.195	0.18	18.28
	1.85	0.231	0.22	–
	2.01	0.275	0.26	–
	0.95	0.238	0.21	–
	1.54	0.272	0.25	–
	1.55	0.223	0.24	–
	1.57	0.298	0.31	–
	1.32	0.338	0.26	–
	1.36	0.341	0.29	–
	1.37	0.237	0.25	–
	1.41	0.279	0.23	–
	0.99	0.260	0.24	–
	1.43	0.243	0.36	–
	1.80	0.314	0.33	–
	1.90	0.290	0.28	–

1.88	0.171	0.20	—
1.63	0.200	0.16	—
2.24	0.100	0.10	—
1.92	0.09	0.09	—
2.07	0.103	0.08	—
2.06	0.098	0.11	—
1.96	0.169	0.19	—
1.57	0.238	0.25	—
1.28	0.174	0.15	—
1.30	0.306	0.24	—
2.27	0.332	—	—
2.85	0.388	0.14	—
1.88	0.202	—	—
1.57	0.217	—	—
1.38	0.246	—	—
1.29	0.198	0.21	—
1.48	0.218	0.24	—
3.17	0.547	0.30	—
1.63	0.281	0.27	—
1.47	0.187	0.16	—
1.73	0.260	0.30	—
4.11	0.218	0.23	—
1.88	0.230	0.22	—
0.95	0.283	0.28	—
1.36	0.110	0.16	—
1.78	0.125	0.13	—
1.74	0.138	0.14	—
1.53	0.118	0.12	—
2.20	0.210	0.20	—
1.60	0.148	0.27	3.7
2.58	0.161	0.17	2.1
1.54	0.086	0.08	5.3
1.270	0.078	0.08	29.4
1.25	0.174	0.12	12.1
1.76	0.391	0.28	5.3
1.67	0.337	0.30	8.2
1.68	0.27	0.27	7.5
1.79	0.30	0.23	4.5
1.92	0.19	0.19	5.7
1.57	0.21	0.18	<3.0
0.705	0.20	0.17	4.1
0.800	0.19	0.14	<3.0
0.856	0.18	0.14	<3.0
2.34	0.48	0.14	<3.0
2.33	0.11	0.11	<1.1
1.58	0.13	0.10	3.6

	1.27		0.09		0.10		1.3
	1.33		0.10		0.10		4.9
	1.46		0.28		0.13		<2.4
	1.51		0.21		0.16		<2.4
	1.75		0.19		0.16		19.7
	1.04		0.23		0.20		26.2
	1.19		0.22		0.21		78.1
	1.83		0.31		0.26		13.6
	1.59		0.30		0.21		10.7
	0.246		0.22		0.23		9.6
	1.11		0.22		0.20		<2.4
	1.08		0.20		0.20		5.7
	0.969		0.36		0.38		<2.4
	2.12		0.25		0.23		<2.4
J-R	2.69		0.22		0.20		4.0
	1.82		0.13		0.13		3.5
[redacted]							
J-QC/FFB	1.80		0.12		0.10		—
	1.92	J-QC/FFB	0.13		0.12		3.6
	1.47		0.14		0.09	J-QC/FFD/RPO	4.0
	0.958		0.45		0.21		19.2
	2.17	J-QC/FFB	0.24		0.20	J-QC/FFB/FFDRPO	—
	2.37		0.64		0.41		2.0
	1.21	J-QC/FFB	0.15	J-QC/FFD/RPO	0.15		2.6
	1.27		0.16		0.14		1.7
	1.46		0.20		0.17		3.8
J-HT/EHT	2.16		<0.05	KJ-QC/FFD/RPO	0.16		9.9
	1.06		0.15	J-QC/FFB/FFDRPO	0.15		3.2
	1.03	J-QC/FFB	0.16		0.15		1.7
J-QC/FFB	1.76		0.27	J-QC/FFB	0.25		4.6
J-QC/FFB	1.79		0.22		0.21		7.0
	1.81	J-QC/FFB	—	NAP	—	NAP	2.5
	1.91		0.12		0.20		1.0
	2.17		0.19		0.11		8.6
J-HT/EHT	1.94	J-QCJ-HT/FFB/EHT	0.25	J-QC/FFD/RPO	0.24	J-QC/FFD/RPO	1.7
J-QC/FFB	1.91	J-QC/FFB	0.20		0.14		2.1
J-QC/FFB	1.59		0.13		0.11		1.5
[redacted]							
	0.846		0.20		0.08		4.4
	1.28	J-QC/FFB	0.10		0.07		2.6
	1.71		0.18		0.15		5.1
	1.55		0.18		0.17		13.4
	1.99		0.21		0.19	J-QC/FFD/FLDRPO	4.4
	1.90	J-QC/FLS	0.31		0.28		10.3
J-QC/FFB	2.27		0.35	J-QC/FFB	0.29		22.3
	1.78		0.34	J-QC/FFB	0.27	J-QC/FFB/FFDRPO	68.4
	1.02		0.27		0.17		10.7
	1.86		0.31		0.27	J-QC/FLD/RPOFLS	10.6
	1.34		0.32		0.28		32.0
	2.03		0.32		0.28		13.6

J-QC/FFB	0.899		0.25		0.21		23.1
	1.96		0.42		0.38		12.4
	1.43		0.28		0.24		12.4
	1.14		0.25	J-QC/FFB	0.22		14.5
	2.06		0.30	J-QC/FLS	0.28		6.3
	1.77	J-QC/FFD/RPO	3.30		2.88		7.9
	1.83		0.33		0.28		10.4
	2.19		0.26	J-QC/FFD/RPO	0.16		2.1
J-QC/FFB	2.60		0.21	J-QC/FFB	0.21		6.4
	2.65		0.16		0.15		13.2
[redacted]							
J-QC/FFB	2.5100		0.16		0.12		3.1
	2.3500	J-QC/FLS	0.22		0.17	J-QC/FLS	9.2
	1.4665		0.16	J-QC/FFB/FFDRPO	0.12		1.5
	1.4688		0.07	J-QC/FFB	0.04	J-R	15.3
J-QC/FFB	1.2824		0.10		0.09		6.0
	1.2574	J-QC/FFB/FFDRPO	0.12		0.07	J-QC/FFD/RPO	17.5
J-QC/FFD/RPO	1.2500		0.14		0.09		3.3
J-QC/FFB	1.2472		0.19	J-QC/FFB	0.16		18.2
J-QC/FFB	1.5300	J-QC/FFB/FLS	0.20		0.18		—
	1.5511		0.17	J-QC/FLD/RPO	0.16	J-QC/FFB	18.3
J-QC/FFB	1.6331		0.38		0.31		35.0
J-QC/FFB	1.2029		0.22		0.18		34.8
J-QC/FFB	1.3488	J-QC/FFD/RPO	0.26		0.25		29.7
	1.8951	J-QC/FFB	0.39	J-QC/FFB	0.33		24.7
	1.0747		0.14		0.13		3.9
	1.0669	J-QC/FFB	0.19		0.16	J-QC/FFB	3.6
	1.4039	J-QC/FFD/RPO	0.11		0.09	J-QC/FFB/FFDRPO	4.21
	1.9376		0.07		0.09		46.3
	1.5560		0.15	J-QC/FFB	0.15		2.86
K	1.1306		0.14		0.10		1.24
J-QC/FFB	2.0062		0.09		0.08		1.07
[redacted]							
J-QC/FFB	2.1183		0.11	J-QC/FFB	0.11		9.10
J-QC/FFB	2.2464	J-QC/FFB	0.10		0.09		22.9
	0.6617	J-QC/FFB	0.12		0.09		2.62
J-QC/FFB	2.5107	J-QC/FFB	0.28		0.23		3.40
J-QC/FFB	1.9292		0.21		0.16		4.92
J-QC/FFB	2.2270		0.20	J-QC/FFD/RPO	0.16		8.16
J-QC/FFB	1.3655		0.20		0.18		7.02
J-QC/FFB	1.4849		0.18		0.16		1.63
J-QCJ-HT/FFB/EHT	1.4144		0.16		0.11	J-QC/FFD/RPO	1.42
J-QCJ-HT/FFB/EHT	1.1400		0.16		0.18	J-QC/FFD/RPO	1.68
J-QC/FFB	1.4238		0.18		0.16		5.22
	1.9570	J-HT/EHT	0.22		0.21		19.2
	1.7891	J-QC/FLS	0.27		0.24		5.50
J-QC/FFB	2.4666		0.36	J-QC/FFD/RPO	0.37		57.8
	1.2521		0.21		0.20		5.33
	2.0006		0.24		0.24		4.12
J-QC/FFB	1.2636	J-QC/FFD/RPO	0.18		0.17		11.5

	1.8564		0.21		0.19		8.39
J-QC/FFB	2.2013		0.27		0.25		15.3
J-QC/FFB	1.8724		0.29		0.23		8.35
J-QC/FFB	2.2089		0.27		0.25		3.26
J-QC/FFB	2.4134		0.23		0.19		4.80
J-QCJ-HT/FFB/EHT	0.5082	J-QC/FFB/FFDRPO	0.22		0.18		13.0
[redacted]							
	2.0847	[redacted]	0.09	[redacted]	0.09	J-QC/FLD/RPO	0.709
J-QC/FFB	2.1414	J-HT/EHT	0.13	J-QC	0.10	J-QC	2.18
J-QC/FFB	1.2609	J-QC/FFB	0.21	J-QC	0.20	J-QC	13.4
J-QC/FFB	1.7328	[redacted]	0.10	[redacted]	0.08	I-QC/FFB/FFDFLDRPC	4.56
J-QC/FFB	1.8292	[redacted]	0.23	J-QC/FFD/RPO	0.25	J-QC	13.3
J-QC/FFB	2.1291	J-QC/FFB	0.36	[redacted]	0.25	J-QC	2.67
	1.3962	[redacted]	0.17	[redacted]	0.14		0.512
J-QC/FFB	1.5911	[redacted]	0.18	[redacted]	0.16		1.13
	1.4313	[redacted]	0.18	[redacted]	0.21		1.03
J-QC/FFB	1.0715	[redacted]	0.13	J-QC/FLD/RPO	0.14		1.99
-QCJ-HT/FFD/RPOEH	1.0642	[redacted]	0.13	[redacted]	0.13	J-QC	0.730
	2.0473	[redacted]	0.20	[redacted]	0.16		13.0
	1.4914	[redacted]	0.17	J-QC	0.15	J-QC	7.30
	1.2815	[redacted]	0.19	[redacted]	0.16		4.59
J-QC/FFD/RPO	1.5926	[redacted]	0.16	J-QC/FLD/RPO	0.15	J-QC/FLD/RPO	2.84
	1.6501	J-QC/FFB/FLS	0.21	[redacted]	0.20		10.6
J-QC/FFB/FFDRPO	1.8909	J-QC/FFB/FFDRPO	0.21	J-QC/FFD/RPO	0.20	J-QC/FFD/RPO	9.09
	1.8279	[redacted]	0.51	J-QC/FFD/RPO	0.35	J-QC/FFD/RPOFMS	61.0
	1.3652	[redacted]	0.21	[redacted]	0.20		4.55
J-QC/FFB	1.7606	[redacted]	0.28	J-QC	0.25	J-QC	4.45
J-QC/FFB	2.7500	J-QC/FLS	0.35	J-QC	0.33	J-QC	<0.231
	2.0033	[redacted]	0.21	[redacted]	0.17		3.92
[redacted]							
J-QC/FFB	1.8139	J-QC/FLS	0.21		0.12		0.82
	1.3729		0.12		0.09		3.02
J-QC/FFB	1.0710	J-QC/FLS	0.11		0.08		2.75
J/LLS	1.3473		0.09	J-QC/FFB	0.07	J-QC/FFB	3.22
J-QC/FFB	1.3816	J-QCJ-HT	0.12		0.09		4.57
	1.6440		0.12		0.11	J-QC/FFB	13.7
J-QC/FFB	1.3574		0.15	J-QC/FMS	0.08		6.63
J-QC/FFB	1.6029		0.16		0.15		18.5
J-QCJ-HT/FFB	1.9632	J-QC/FLS	0.20	J-QC/FFB	0.13		24.8
NAPQNS	—	NAPQNS	—	NAPQNS	—	NAPQNS	—
	1.8544		0.20		0.16		7.29
J-QC/FFB	1.4170		0.25		0.19		33.6
J-QC/FFB	1.6897		0.22		0.17		34.8
J-QC/FFB	1.8387		0.23		0.21		17.5
J-QC/FFB	2.0166		0.22		0.19		6.13
J-QC/FFB	2.4509		0.18		0.09		19.2
J-QC	1.9925		0.19		0.13		1.56
[redacted]							

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
	5.3	0.00	0.00
	5.0	0.00	0.36
	11.0	0.00	0.00
	6.0	1.09	1.53
	4.2	0.09	0.09
	4.2	0.00	0.00
	2.0	0.18	0.18
	4.5	0.00	0.00
	4.3	0.00	0.00
	9.9	0.00	0.00
	3.0	0.00	0.00
	7.7	0.00	0.09
	3.4	0.00	0.00
	26.4	0.00	0.39
	14.7	0.00	0.00
	4.7	0.00	0.00
	<0.5	0.00	0.00
	11.6	0.00	0.00
	5.2	0.08	0.61
	1.5	0.00	0.00
	4.8	0.00	0.00
	4.5	0.00	0.00
	5.0	0.00	0.01
	5.3	0.21	0.24
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.29
	1.2	0.00	0.00
	1.4	0.00	0.00
	1.3	0.00	0.00
	<0.5	0.00	0.00
	2.1	0.00	0.00
	4.5	0.00	0.66
	3.3	0.00	0.95
	5.0	0.00	0.00
	4.4	0.04	0.04
	—	0.00	0.00
	5.4	0.01	0.01
	3.3	0.00	0.00
	2.5	0.00	0.03
	2.5	0.00	0.00
	3.7	0.00	0.01
	6.4	0.00	0.00
	2.7	0.00	0.00

3.8	0.00	0.00	[redacted]
7.3	0.48	0.48	
6.6	0.00	0.00	
[redacted]			
5.4	0.12	0.12	
3.8	0.00	0.00	
2.0	0.00	0.00	
3.6	0.00	0.00	
4.8	0.00	0.00	
5.5	0.01	0.48	
3.4	0.00	0.00	
—	0.00	0.00	
2.8	0.00	0.00	
—	0.03	0.15	
—	0.00	1.56	
—	0.00	0.00	
8.4	0.00	0.00	
6.0	0.00	0.00	
5.7	0.00	0.00	
17.3	0.27	0.84	
5.9	0.00	0.02	
6.3	0.00	0.00	
<0.5	0.00	0.00	
4.5	0.00	0.00	
3.7	0.00	0.00	
2.9	1.11	1.11	
3.4	0.00	0.00	
3.8	0.00	0.04	
1.4	0.00	0.00	
1.1	0.00	0.00	
[redacted]			
3.1	0.00	1.58	
0.5	0.00	0.00	
1.5	0.02	0.02	
2.0	0.42	0.42	
2.9	0.00	0.66	
5.8	0.00	0.00	
2.7	0.00	1.09	
4.1	0.00	0.00	
5.1	0.00	0.00	
4.5	0.00	0.00	
5.8	0.00	0.00	
4.5	0.01	0.01	
3.0	0.01	0.09	
<0.5	0.01	0.09	
4.2	0.00	0.06	
[redacted]			
2.2	0.00	0.00	
3.0	0.05	0.10	

J-R	4.3		0.00	0.00
	3.8		0.00	0.00
	4.6		0.00	0.48
	7.2		0.00	0.14
	9.4		0.00	0.00
	5.2		0.00	0.04
	5.3		0.14	0.15
	5.7		0.00	0.80
	6.0		0.00	0.00
	5.1		0.00	0.00
	5.4		0.00	0.71
	6.8		0.00	0.00
	5.9		0.00	0.00
	4.7		0.00	0.00
J-R	4.8		0.15	0.15
J-R	5.0		0.00	0.00
[redacted]				
NAPQNS	4.0	J-QC/FFB	0.00	0.00
J-R	4.2	J-QC/FFB	0.00	0.00
J-R	4.5	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	8.0		1.47	2.10
NAPQNS	6.3	J-QC/FFB	0.10	0.10
	5.0		0.92	1.35
	7.1	J-QC/FFB/FFDRPO	0.01	0.68
J-R	6.0		0.43	0.43
	5.3	J-QC/FFB	0.08	0.08
	5.9		0.00	0.00
	7.2	J-QC/FFB	0.00	0.15
J-R	7.8	J-QC/FFB	0.00	0.00
	5.5	J-QC/FFB	0.08	0.12
	4.9		1.13	1.13
	—	NAP	0.00	0.00
J-RJ-QC/FFD/RPO	5.1	J-QC/FFB	0.00	0.00
	4.7	J-QC/FFB	0.00	0.00
J-R	4.8		0.00	0.30
	4.7	J-QC/FFB	0.00	0.00
J-R	5.3	J-QC/FFB	0.00	0.00
[redacted]				
	7.60		0.10	1.32
	3.90		0.00	0.00
J-QC/FFD/RPO	4.20	J-QC/FFB	0.00	0.47
J-QC/FFD/RPO	4.50		0.00	0.01
	4.62	J-QC/FFB	0.00	0.00
J-QC/FSL	5.66	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.77	J-QC/FFB	0.00	0.18
	5.53	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	5.30	J-QC/FFB	0.00	1.69
J-QC/FSL	5.10	J-QC/FFB	0.00	0.05
	5.00	J-QC/FFB	0.00	0.00
	4.30	J-QC/FFB	0.00	0.00

	5.10	J-QC/FFB	0.00	0.00
	4.30	J-QC/FFB	0.00	1.24
J-QC/FFD/RPO	5.20	J-QC/FFB	0.00	0.00
	5.20	J-QC/FFB	0.00	0.00
	4.30	BJ-QC/FBK/FFB	0.00	0.93
	4.10	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.10	J-QC/FFB	0.00	0.16
J-R	4.90		0.00	0.01
	5.20		0.00	0.00
	5.40		0.00	0.00
[redacted]				
	3.9		0.00	0.00
	4.7	J-QC/FFB	0.00	0.00
J-R	5.9		0.00	0.00
J-QC/FFD/RPO	4.1	J-QC/FFB	0.04	0.04
	3.8	BJ-QC/FBK/FFB	0.00	0.00
	3.8	BJ-QC/FBK/FFB	0.00	0.00
	4.2		0.00	0.00
	3.5	J-QC/FFB	0.00	0.00
A/LBF	5.4	J-QC/FFB	0.49	0.53
	4.5	J-QC/FFB	0.00	0.00
	5.5	J-QC/FFB	0.00	0.00
	5.7	J-QC/FFB	0.17	0.17
	4.0	J-QC/FFB	0.00	0.00
	4.2	J-QC/FFB	1.32	1.32
J-QC/FFD/RPO	7.3	J-QC/FFB	0.00	0.22
	7.8	J-QC/FFB	0.00	0.00
	3.9	J-QC/FFB	0.00	0.00
	3.9	J-QC/FFB	0.08	0.12
	4.1		0.00	0.00
J-R	9.8	J-QC/FFD/RPO	0.00	0.00
J-RJ-QC/FFD/RPO	3.0	J-QC/FFB/FFDRPO	0.03	0.03
[redacted]				
	3.2		0.14	0.14
	3.5		0.02	0.02
J-QC/FSL	3.2	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
J-QC/FSL	3.2		0.02	0.02
	3.7		0.20	0.82
	3.8	J-QC/FFB	0.21	0.48
	6.2	J-QC/FFB	0.00	0.18
	4.9	BJ-QC/FBK/FFB	0.40	0.60
	4.7	J-QC/FFB	0.58	0.60
	4.8	J-QC/FFB	0.58	0.60
	6.5	B/FBK	0.00	0.93
	3.9	BJ-QC/FBK/FFBFFDRPO	0.00	0.00
	3.6	B/FBK	0.00	0.00
J-QC/FSL	4.4	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	5.7	J-QC/FFB	0.03	0.07
J-QC/FFD/RPO	5.8	J-QC/FFB	0.00	0.00
J-QC/FSL	3.3	J-QC/FFB	0.00	0.00

	2.6		0.00	0.00
J-QC/FSL	2.4	J-QC/FFD/RPO	0.01	1.01
J-QC/FSL	3.1	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.6	J-QC/FFB	0.00	0.00
	3.9	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	3.8	J-QC/FFB	0.00	0.02
[redacted]				
J/LLS	3.52	BJ-QC/FBK/FFB	0.00	0.00
	3.96	J-QC/FFB	0.00	0.00
J-QC/FSL	7.01	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFB	3.3	J-QC	0.00	0.00
	3.8		0.00	0.00
J-QC/FFD/RPO	4.5	J-QC/FFB/FLDRPO	1.15	1.15
J-QC/LLS/FFB	5.8		0.00	0.00
J-QC/LLS/FFB	4.6	J-QC	0.00	0.00
J/LLS	5.5		0.00	0.96
-QC/LLS/FFBFFDRP(	6.8	J-QC/FFB	1.29	1.29
J-QC/LLS/FFDRPO	4.3	J-QC/FFD/FLDRPO	0.00	0.00
J-QC/FFD/RPO	4.3		0.00	0.01
J-QC/FFB/FFDRPO	4.2	J-QC/FFB	0.00	0.00
	6.8	J-QC	0.00	0.02
J-QC/FFB	5.9	J-QC	0.00	0.00
	8.9	J-QC/FFB	0.00	0.00
J-QC/FFB/FFDRPO	3.6	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	10.2	J-QC/FFD/RPO	0.00	0.04
J-QC/FFB	4.3		0.00	0.00
J-QC/FFB	4.48	J-QC/FFB	0.00	0.00
K	4.1	J-QC/FLD/RPO	0.00	0.00
	5.09		0.00	0.00
[redacted]				
J/LLS	4.3		0.00	0.07
	3.4		0.00	0.00
	4.6		0.07	0.74
	4.2		0.00	0.00
	3.0		0.00	0.08
	4.8		0.00	0.00
	8.5		0.00	0.00
	4.0		0.02	0.02
	3.7		0.00	0.49
NAPQNS	—	NAPQNS	0.00	0.00
	3.8		0.00	0.55
	3.4		0.00	0.00
	4.1		0.00	0.00
	3.2		0.03	0.03
	3.7		0.00	0.00
J-QC	5.2		0.00	0.00
J/LLS	5.0		0.00	0.08
[redacted]				

Station #26 Lower Raritan River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 3, 2003	10:55	6.80	3.4	12.43
December 18, 2003	10:20	6.70	3.2	9.16
2004				
February 26, 2004	11:15	7.49	3.7	13.86
April 13, 2004	11:25	5.66	9.1	10.01
May 19, 2004	11:35	7.24	22.2	5.64
June 10, 2004	10:35	7.39	—	6.00
June 17, 2004	10:20	7.46	24.0	8.39
June 24, 2004	10:45	7.83	23.9	11.42
June 29, 2004	11:00	7.59	23.3	—
July 15, 2004	12:00	6.93	20.9	—
July 22, 2004	09:45	7.58	24.8	—
July 29, 2004	09:35	7.12	—	7.08
August 5, 2004	10:27	7.16	25.91	7.35
August 12, 2004	10:35	7.00	22.99	5.06
August 19, 2004	11:36	7.17	23.63	5.55
August 26, 2004	10:32	7.38	22.98	7.93
September 2, 2004	11:50	7.29	25.09	5.15
September 23, 2004	10:15	7.01	19.47	7.77
September 30, 2004	10:45	6.29	18.32	7.13
October 13, 2004	10:45	7.09	15.7	8.79
October 28, 2004	10:33	7.00	11.9	7.01
November 9, 2004	10:19	—	9.3	10.43
November 23, 2004	10:20	6.83	9.83	10.17
December 9, 2004	10:10	7.93	6.77	11.52
2005				
March 10, 2005	11:13	—	1.10	16.49
April 14, 2005	10:25	—	11.73	12.67
April 28, 2005	10:25	8.11	14.51	12.86
May 4, 2005	11:25	7.55	13.37	10.70
May 12, 2005	10:23	7.87	18.92	10.98
May 16, 2005	12:05	7.74	19.87	10.10
June 9, 2005	10:23	6.92	25.12	6.69
June 14, 2005	10:29	6.81	24.53	5.32
June 23, 2005	10:49	7.12	23.37	8.60
July 7, 2005	10:23	6.82	25.74	4.67
July 21, 2005	11:46	6.91	28.30	5.97
July 27, 2005	10:57	6.94	28.69	5.98
August 4, 2005	10:26	7.09	28.26	6.70
August 9, 2005	10:26	—	27.35	5.75
August 23, 2005	10:42	8.11	25.89	4.80
September 1, 2005	—	—	—	—
September 6, 2005	—	—	—	—
September 15, 2005	11:58	7.34	23.55	5.70
September 22, 2005	10:51	7.21	24.07	5.22
October 4, 2005	11:09	7.16	20.40	7.57

October 20, 2005	10:30	7.44	14.86	9.47
November 21, 2005	10:31	6.90	6.62	12.22
December 19, 2005	11:45	6.49	2.40	16.22
2006				
January 17, 2006	11:18	7.75	1.12	17.87
February 16, 2006	11:02	8.60	3.77	17.24
February 28, 2006	10:44	8.49	1.29	18.03
March 28, 2006	10:20	8.45	9.03	14.88
April 19, 2006	11:15	8.10	16.58	8.97
April 25, 2006	10:15	6.62	13.68	10.13
May 3, 2006	11:36	7.62	16.94	8.21
May 8, 2006	10:02	7.46	18.67	6.62
June 22, 2006	11:50	7.16	25.38	6.25
June 27, 2006	11:05	7.68	22.67	6.27
July 13, 2006	11:49	7.58	25.98	8.00
July 20, 2006	10:54	7.83	28.46	8.35
July 25, 2006	10:40	7.33	24.82	5.84
August 8, 2006	10:20	6.82	27.45	3.51
August 22, 2006	10:19	7.01	25.98	5.74
August 30, 2006	10:38	7.17	21.84	5.52
September 7, 2006	10:44	7.96	20.74	8.47
September 13, 2006	10:37	7.32	20.81	8.99
September 19, 2006	10:36	7.82	21.70	7.11
September 26, 2006	10:39	7.43	20.03	8.25
October 3, 2006	11:04	7.62	18.14	6.28
October 17, 2006	11:05	7.95	13.55	7.33
October 31, 2006	10:48	7.65	9.31	9.91
November 15, 2006	10:37	8.75	13.74	8.88
November 28, 2006	11:07	8.60	8.02	10.49
December 12, 2006	10:56	9.13	3.32	13.76
2007				
January 9, 2007	11:00	10.21	7.17	10.17
January 23, 2007	11:10	8.42	1.12	12.74
March 22, 2007	11:23	8.59	6.09	13.31
May 1, 2007	10:59	8.01	14.92	12.45
May 17, 2007	10:30	7.69	20.92	8.60
Boat engine failure - 5/18/07				
September 5, 2007	10:26	7.77	23.99	5.52
September 12, 2007	10:25	8.19	24.61	5.88
September 27, 2007	11:20	7.69	22.61	6.14
October 2, 2007	10:36	8.00	20.68	6.50
October 16, 2007	10:56	7.63	17.15	6.05
November 1, 2007	10:32	8.17	11.86	10.02
November 29, 2007	10:43	—	6.88	10.51
December 11, 2007	10:30	—	3.50	11.87
December 20, 2007	10:47	—	2.71	13.94
2008				
January 8, 2008	10:33	—	4.91	13.94
February 7, 2008	10:57	7.40	6.60	12.24
March 11, 2008	10:50	7.18	5.62	12.26

April 8, 2008	11:12	7.81		9.97		11.35
May 13, 2008	11:14	8.13		12.49		9.19
May 28, 2008	10:48	8.11		20.59		6.92
June 3, 2008	10:33	7.64		22.10		6.40
June 17, 2008	10:54	7.24		25.49		4.90
June 24, 2008	11:09	7.55		24.74		9.46
July 15, 2008	11:18	7.17		26.27		3.04
August 5, 2008	09:44	7.84		26.15		4.14
September 4, 2008	10:58	7.37		25.07		5.87
September 10, 2008	10:42	7.85		22.35		5.63
September 16, 2008	10:32	7.32		23.28		4.19
September 23, 2008	10:17	7.58		20.03		9.30
October 7, 2008	10:26	—		17.66		4.06
November 24, 2008	11:11	8.13		2.71		12.09
December 3, 2008	10:47	7.73		5.24		12.18
2009						
February 10, 2009	11:31	7.42		2.16		11.94
March 18, 2009	10:45	8.18		8.50		10.09
April 30, 2009	11:21	7.43		20.46		—
May 7, 2009	10:42	8.06		13.77		—
May 28, 2009	10:31	8.14		19.74		—
June 4, 2009	11:17	7.90		18.79		—
June 16, 2009	12:02	7.24		19.38		7.74
June 24, 2009	11:28	7.31		20.94		6.95
July 7, 2009	10:33	7.62		24.01		6.62
July 14, 2009	10:45	7.04		22.78		6.62
July 28, 2009	11:30	—	NAPEFAI/EQF	25.17		6.17
August 4, 2009	11:28	—	NAPEFAI/EQF	22.87		6.71
August 13, 2009	10:51	7.63		25.84		8.89
August 18, 2009	10:38	—	NAPEFAI/EQF	27.36		—
September 1, 2009	11:24	—	NAPEFAI/EQF	21.44		—
September 15, 2009	11:19	—	NAPEFAI/EQF	21.68		—
September 22, 2009	11:12	—	NAPEFAI/EQF	20.09		—
October 19, 2009	11:07	—	NAPEFAI/EQF	9.96		—
November 9, 2009	10:42	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 8, 2009	10:44	7.71		5.01		13.02
2010						
March 23, 2010	10:49	7.05		11.37		10.73
April 13, 2010	10:28	8.75		16.40		16.65
May 13, 2010	10:35	7.23		12.70		10.41
May 20, 2010	10:38	7.92		15.76		9.41
May 26, 2010	10:20	8.15		22.60		8.42
June 8, 2010	10:30	7.70		23.15		6.34
June 14, 2010	10:52	7.35		23.10		7.56
June 24, 2010	10:30	7.39		26.86		8.44
July 15, 2010	10:26	7.59		24.57		5.84
July 20, 2010	10:24	7.57		28.22		5.14
July 27, 2010	10:43	7.30		27.60		4.66
August 3, 2010	10:26	7.18		26.21		3.31
August 10, 2010	10:37	7.43		27.08		5.79

August 17, 2010	10:23	7.20		25.35	5.06
August 31, 2010	10:35	7.38		24.84	5.96
September 8, 2010	10:26	7.44		23.95	6.95
September 14, 2010	10:38	7.54		20.76	6.52
September 21, 2010	11:10	7.48		20.58	7.05
September 29, 2010	10:15	7.20		21.71	6.38
October 6, 2010	10:53	7.72		15.24	8.70
November 15, 2010	10:55	7.65		9.31	11.23
December 8, 2010	11:00	7.95		2.02	13.31
2011					
January 5, 2011	10:45	8.37		1.07	14.33
February 17, 2011	10:40	7.46		2.82	19.65
March 9, 2011	11:45	7.08		6.57	12.82
April 11, 2011	10:44	7.84		11.68	11.26
May 3, 2011	10:33	7.35		16.49	9.40
May 10, 2011	10:57	8.30		18.21	11.33
May 25, 2011	10:38	8.33		18.41	9.70
June 7, 2011	10:35	8.17		22.45	10.61
June 14, 2011	10:35	7.81		22.95	6.56
June 28, 2011	11:00	7.55		25.15	7.27
July 6, 2011	10:30	8.02		26.09	7.11
July 13, 2011	10:25	7.10		27.45	5.81
July 28, 2011	10:30	7.21		27.87	4.00
August 9, 2011	10:47	7.48		27.90	6.52
August 17, 2011	10:41	7.75		21.65	7.28
August 24, 2011	10:36	7.64		21.46	7.50
September 14, 2011	10:33	7.55		21.29	8.00
September 21, 2011	10:33	7.90		17.33	9.80
October 25, 2011	10:45	8.23		13.17	11.31
November 2, 2011	10:45	8.04		8.31	11.47
December 20, 2011	10:41	8.26		3.73	13.75
2012					
January 11, 2012	11:40	8.39		3.45	13.55
February 8, 2012	10:41	8.13		4.91	13.81
March 7, 2012	10:55	8.35		6.43	16.65
April 19, 2012	10:48	7.68		17.52	7.74
May 2, 2012	10:35	7.75		15.89	10.61
May 10, 2012	10:42	7.38		17.78	7.21
May 17, 2012	10:30	7.24		19.39	8.50
May 23, 2012	10:09	7.44		19.95	7.76
June 6, 2012	11:05	—	NAPEFAI/EQF	18.95	4.69
June 14, 2012	10:15	—	NAPEFAI/EQF	20.75	5.94
June 20, 2012	11:15	—	NAPEFAI/EQF	23.35	4.11
June 28, 2012	10:20	—	NAPEFAI/EQF	23.02	6.36
July 12, 2012	10:32	7.23		27.86	5.04
July 24, 2012	10:30	7.66		23.74	6.12
July 31, 2012	11:12	7.51		25.81	6.31
August 22, 2012	10:15	7.70		24.80	5.08
September 11, 2012	10:40	7.15		24.40	3.36
September 19, 2012	10:35	7.82		21.70	6.87

September 25, 2012	10:35	7.72	20.11	6.85
October 18, 2012	11:05	7.81	14.54	7.41
November 29, 2012	09:06	7.57	5.35	11.76
December 5, 2012	09:32	7.54	7.30	13.31
2013				
January 8, 2013	09:16	7.02	2.99	13.29
February 6, 2013	09:10	7.02	1.30	16.37
March 13, 2013	08:52	7.62	8.92	11.20
April 2, 2013	09:01	8.95	8.88	14.19
May 2, 2013	10:55	8.12	16.39	9.31
May 7, 2013	10:44	7.51	18.53	7.38
May 15, 2013	10:09	8.05	16.28	9.26
May 21, 2013	10:21	8.96	18.70	7.92
June 4, 2013	10:10	8.01	23.84	5.96
June 12, 2013	10:20	7.55	19.58	7.58
June 19, 2013	10:25	7.80	20.20	7.69
June 26, 2013	10:44	7.85	25.64	6.75
July 11, 2013	10:00	7.53	26.45	4.99
July 30, 2013	10:45	7.30	22.76	6.53
August 15, 2013	10:18	7.83	21.86	7.08
August 21, 2013	11:09	7.90	23.62	6.42
September 11, 2013	10:30	7.45	22.62	6.78
September 17, 2013	10:42	8.42	19.77	7.28
September 24, 2013	10:28	7.89	18.35	7.32
October 2, 2013	10:25	8.31	19.14	8.80
November 20, 2013	10:35	8.81	7.79	11.66
December 4, 2013	10:58	8.47	4.84	11.36
2014				
January 16, 2014	10:50	7.62	3.59	14.28
March 10, 2014	11:04	8.54	4.32	12.39
April 9, 2014	10:35	9.41	9.25	11.65
May 7, 2014	10:30	8.82	13.64	11.64
May 12, 2014	10:34	9.46	17.84	9.91
May 28, 2014	10:44	7.89	20.34	8.04
June 17, 2014	10:30	8.73	21.80	7.52
June 25, 2014	10:35	8.02	23.25	10.56
July 9, 2014	10:45	8.40	25.94	9.35
July 30, 2014	10:27	8.05	23.46	5.72
August 14, 2014	10:33	7.33	22.69	5.28
August 26, 2014	11:25	7.79	21.98	6.06
September 9, 2014	10:55	8.11	22.55	4.76
October 2, 2014	10:20	7.33	20.25	6.10
November 20, 2014	10:42	8.01	3.58	8.41
December 4, 2014	10:30	8.19	5.02	13.91

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	92.7	0.1	—	4
	68.9	0.1	—	52
[redacted]				
	100.9	0.2	—	4
	87.0	0.2	—	30
	66.1	0.2	—	14
	—	—	—	8
	99.8	—	—	13
	129.2	—	—	14
	—	—	—	21
	—	—	—	203
	—	—	—	34
	77.9	—	—	54
	90.1	0.14	—	26
	61.2	2.30	—	31
	66.0	1.72	—	24
	92.5	0.15	—	10
	63.3	3.10	—	22
	84.6	0.15	—	12
	75.5	0.08	—	28
	91.1	4.5	—	12
	68.8	1.9	—	16
	91.3	1.1	—	4
	90.8	1.60	—	15
	94.2	0.10	—	10
[redacted]				
	116.4	0.30	—	6
	116.8	0.14	—	2
	126.4	0.18	—	17
	102.3	0.17	—	6
	118.5	0.42	—	16
	113.5	2.28	—	8
	82.8	3.53	—	12
	68.7	14.07	—	8
	107.1	10.32	—	24
	59.4	6.61	—	26
	76.7	0.29	—	25
	78.1	2.41	—	49
	91.1	10.49	—	38
	75.6	7.89	—	16
	61.6	7.87	—	31
	—	—	—	27
	—	—	—	21
	67.0	0.14	—	43
	64.3	6.18	—	24
	88.6	9.39	—	18

93.6	0.25	—	14
99.9	0.31	—	2
118.6	0.21	—	16
126.2	0.20	—	7
131.0	0.37	—	2
128.1	0.32	—	16
129.7	1.15	—	22
93.1	2.14	—	9
94.1	0.12	—	42
85.1	0.21	—	14
73.4	2.57	—	8
76.2	2.92	—	23
72.7	0.14	—	11
98.6	0.16	—	12
107.2	0.54	—	14
70.2	0.21	—	14
46.7	9.12	—	20
74.0	8.17	—	16
63.1	0.84	—	20
94.7	0.21	—	26
101.0	1.05	—	16
80.9	0.18	—	17
94.5	6.92	—	10
69.1	6.19	—	11
73.3	6.73	—	6
86.5	0.11	—	8
85.7	0.11	—	8
88.5	0.13	—	6
104.8	2.47	—	6
84.1	0.09	—	21
90.1	0.32	—	12
106.8	0.31	—	8
123.4	0.14	—	4
96.5	0.36	—	12
66.3	2.03	—	16
71.4	2.67	—	14
75.7	10.91	—	12
65.1	6.04	—	16
65.9	8.10	—	13
92.8	0.17	—	20
86.3	0.20	—	12
90.3	1.83	—	4
103.1	0.31	—	6
109.0	0.20	—	1
99.9	0.16	—	6
97.6	0.12	—	14

	100.8		0.44		—		8	
	86.3		0.14		—		2	
	77.7		1.68		—		9	
	74.4		2.35		—		19	
	60.6		3.15		—		70	
	118.6		7.24		—		32	
	39.8		9.18		—		13	
	52.5		4.79		—		52	
	74.3		8.14		—		19	
	65.8		2.40		—		8	
	50.9		6.89		—		16	
	103.4		0.80		—		14	
	45.8		11.33		—		13	
	90.5		0.37		—		3	
	96.0		0.14		—		4	
[redacted]								
	91.5		7.86		—		66	
	138.8		0.29		—		10	
NAPEFAI/EQF	—	NAPEFAI/EQF	0.51		—		19	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	0.13		—		225	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	1.22		—		26	
NAPEFAI/EQF	—	NAPEFAI/EQF	0.18		—		34	
	84.2		0.12		—		24	J-QC/FFB
	78.1		0.23		—		12	J-QC/FFB
	79.2		2.31		—		14	J-QC/FFB
	77.2		0.82		—		17	
	74.8		0.14		—		32	
	78.0		0.09		—		12	J-QC/FFD/RPO
	109.6		0.77		—		26	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	1.09		—		14	
NAPEFAI/EQF	—	NAPEFAI/EQF	0.14		—		12	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	0.19		—		22	
NAPEFAI/EQF	—	NAPEFAI/EQF	4.87		—		11	
NAPEFAI/EQF	—	NAPEFAI/EQF	5.70		—		16	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		10	J-QC/FFD/RPO
	102.1		0.20		—		3	
[redacted]								
	97.7		0.09		—	NA	159	
	172.1		0.16		—	NA	4	
	97.6		0.17		—	NA	34	J-QC/FFB
	92.1		0.15		—	NA	10	
	96.5		0.26		—	NA	20	J-QC/FFD/RPO
	77.4		6.65		—	NA	22	
	89.5		2.73		—	NA	20	
	108.2		5.51		—	NA	39	
	70.0		0.23		—	NA	26	J-QC/FFD/FLDRPO
	65.6		3.72		—	NA	16	
	61.5		8.87		—	NA	28	
	42.9		8.44		—	NA	16	
	77.5		12.08		—	NA	11	

63.1	3.77		—	NA	17	
75.4	—	NAPEFAI/EQF	—	NA	38	
87.3	9.85		—	NA	40	J-QC/FLD/RPO
74.2	4.35		—	NA	24	
82.5	8.03		—	NA	38	
74.5	5.86		—	NA	34	
86.4	0.20		—	NA	30	
99.5	1.78		—	NA	4	J-QC/FFD/RPO
97.3	1.59		—	NA	10	
[redacted]						
101.3	0.62		—	NA	10	J-QC/FFD/FLDRPO
143.7	0.30		—	NA	8	
104.1	0.16		—	NA	21	
103.7	0.20		—	NA	4	
96.1	0.16		—	NA	6	J-QC/FLD/RPO
120.1	0.18		—	NA	10	
101.1	0.13		—	NA	12	
121.7	1.02		—	NA	24	
76.6	0.51		—	NA	80	
88.2	0.69		—	NA	12	
87.2	0.31		—	NA	46	
73.4	2.75		—	NA	116	
53.1	8.26		—	NA	16	
84.4	3.40		—	NA	24	
81.7	0.10		—	NA	12	
84.1	0.09		—	NA	14	
90.1	0.13		—	NA	2	
102.0	0.16		—	NA	<1	K
107.1	0.17		—	NA	18	
97.5	0.15		—	NA	4	J-QC/FFD/RPO
104.2	0.15		—	NA	1	
[redacted]						
101.4	0.95		—	NA	19	
107.9	2.22		—	NA	8	
136.1	0.18		—	NA	4	
84.0	5.73		—	NA	34	
109.2	0.20		—	NA	10	J-QC/FFD/RPO
75.7	0.29		—	NA	20	
91.8	0.13		—	NA	38	
85.2	0.15		—	NA	12	
50.6	0.40		—	NA	16	
66.1	0.12		—	NA	16	J-QC/FFD/RPO
47.6	1.65		—	NA	15	
74.7	0.26		—	NA	10	
68.0	10.22		—	NA	16	
73.2	3.64		—	NA	28	J-QC/FLD/RPO
77.7	0.20		—	NA	30	
62.3	4.77		—	NA	52	J-QC/FFB
43.1	12.72		—	NA	32	
80.2	4.99		—	NA	28	

77.1	3.76	—	NA	16	J-QC/FLD/RPO
76.9	9.81	—	NA	21	
98.2	8.14	—	NA	22	
113.8	4.75	—	NA	10	
[redacted]					
102.3	5.16	—	NA	3	
116.2	0.45	—	NA	6	
96.9	0.23	—	NA	32	J-QC/FFD/FLDRPO
122.5	0.24	—	NA	<1	K
94.8	0.23	—	NA	12	
78.8	0.28	—	NA	25	
93.7	0.35	—	NA	10	
84.3	1.23	—	NA	14	
68.5	0.19	—	NA	32	
82.1	0.10	—	NA	12	
84.6	0.16	—	NA	12	
83.1	1.34	—	NA	23	
64.7	7.34	—	NA	20	
75.6	0.10	—	NA	16	
80.3	0.15	—	NA	12	J-QC/FFB
77.8	4.90	—	NA	32	
80.5	4.56	—	NA	96	
80.6	5.85	—	NA	33	
79.4	3.29	—	NA	26	
99.6	7.98	—	NA	19	
105.1	11.63	—	NA	24	
94.7	11.12	—	NA	31	
[redacted]					
108.0	0.26	—	NA	6	J-QC
95.5	0.24	—	NA	10	J-QC/FLD/RPO
101.2	0.21	—	NA	6	
112.3	0.17	—	NA	6	J-QC/FFB
104.3	0.16	—	NA	10	J-QC/FFB/FLDRPO
89.2	0.30	—	NA	8	J-QC/FLD/RPO
86.3	0.23	—	NA	28	
124.1	0.43	—	NA	15	
113.1	2.04	—	NA	19	
69.3	5.47	—	NA	—	NAPQNS
62.5	5.44	—	NA	31	
69.2	6.00	—	NA	20	
57.9	9.93	—	NA	23	
70.4	8.52	—	NA	23	J-QC
63.6	0.34	—	NA	18	
108.6	0.24	—	NA	12	J-QC
[redacted]					

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.25	<2	0.12	0.012
1.11	4	<0.09	0.023
[redacted]			
—	7	<0.19	0.026
0.47	2	<0.19	0.023
1.40	2	<0.19	0.042
1.10	2	0.24	0.032
1.43	3	<0.19	0.049
0.87	3	<0.19	0.083
3.92	2	<0.19	0.036
3.51	<2	0.32	0.068
3.24	10	<0.19	0.036
2.50	4	<0.19	0.031
0.60	<2	<0.19	0.013
3.00	2	<0.19	0.027
2.95	8	<0.19	0.026
2.28	3	<0.19	0.018
1.10	<2	<0.19	0.027
0.99	<2	<0.19	0.012
1.21	<2	<0.19	0.025
0.66	6	<0.19	0.027
0.89	3	<0.19	0.028
0.76	<2	<0.19	0.015
0.60	5	<0.19	0.012
0.57	<2	<0.19	0.016
[redacted]			
0.83	<2	<0.19	0.027
0.46	<2	<0.19	0.009
<1.00	<2	<0.19	0.026
0.83	<2	<0.19	0.021
1.10	<2	<0.19	0.033
1.00	<2	<0.19	—
1.34	<2	<0.27	0.060
1.36	<2	<0.27	0.051
1.11	<2	<0.27	0.041
1.42	<2	<0.27	0.033
1.25	3	0.30	0.026
1.97	<2	<0.27	0.034
1.93	7	<0.27	0.048
1.26	<2	<0.27	0.048
1.01	<2	<0.27	0.042
1.28	3	<0.27	0.059
0.81	5	<0.27	0.061
1.39	3	<0.27	0.034
1.12	5	<0.27	0.053
1.01	5	<0.27	0.051

0.97	<2	<0.27	0.010
0.72	<2	<0.27	0.010
<1.00	<2	<0.27	0.020
[redacted]			
0.71	5	<0.27	0.02
0.68	5	<0.27	0.014
0.82	<2	<0.27	0.018
1.18	8	<0.27	0.034
1.60	<2	<0.295	0.033
1.34	5	<0.295	0.022
1.28	<2	<0.295	0.027
1.08	—	<0.295	0.047
1.63	3	<0.295	0.027
<1.00	—	<0.295	0.035
0.93	—	<0.295	0.015
1.08	—	<0.295	0.022
1.19	<2	<0.295	0.022
2.19	<2	<0.295	0.037
2.00	<2	<0.295	0.038
1.54	<2	<0.295	0.025
<1.00	—	<0.295	0.015
0.90	—	<0.295	—
1.16	—	<0.295	0.036
0.84	—	<0.295	0.036
<1.00	—	<0.295	0.021
0.65	<2	0.46	0.015
0.83	<2	<0.295	0.010
1.04	<2	<0.295	0.010
0.78	<2	<0.295	0.015
0.62	<2	<0.295	0.012
[redacted]			
1.25	<2	<0.295	0.023
0.53	<2	<0.295	0.012
0.76	<2	0.088	0.011
<0.30	<2	0.083	0.010
0.84	<2	0.106	0.021
<1.00	<2	0.104	0.026
0.76	<2	<0.039	0.041
1.05	<2	0.236	0.047
0.90	<2	0.146	0.041
1.14	<2	<0.039	0.051
0.96	<2	0.081	0.011
0.85	<2	0.124	0.010
0.68	<2	0.164	0.012
0.71	<2	—	0.010
[redacted]			
0.68	<2	0.099	0.010
1.08	<2	0.159	0.009
1.35	<2	0.119	0.012

0.87		<2		0.132		0.013
1.10		<2		0.064		0.041
1.18		<2		0.017	J-R	0.023
1.22		<2		0.098		0.031
1.40		<2		0.117		0.025
1.20		<2		<0.017		0.028
1.06		<2		0.230		0.036
1.81		<2		0.167		0.042
0.90		<2		0.038		0.031
0.96		—		0.104		0.018
1.42		<2		<0.017		0.044
1.44		<2		<0.017		0.015
1.13		<2		0.436		0.025
0.93		<2		0.103		0.012
0.89		<2		0.446		0.014
[redacted]						
1.27	BJ-QC/FBK/FFB	4	J-QC/FFB/FLS	0.199	J-QC/FMS	0.014
1.46	BJ-QC/FBK/FFB	<2	K	0.127	J-QC/FFB	0.031
1.69	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.052		0.042
3.55	BJ-QC/FBK/FFB	3		<0.018	K	0.048
1.24	BJ-QC/FBK/FFB	<2	K	0.167		0.030
1.83	J-QC/FLS	<2	KJ-QC/FLS	0.104		0.021
1.09	J-QC/FFB	<2	K	0.089		0.021
1.89	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.115		0.018
0.98	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.025	J-R	0.021
1.06	BJ-QC/FBK/FLS	<2	K	0.036		0.009
1.46	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.016
1.36	BJ-QC/FBK/FFBFLDRPO	<2	K	0.020	J-R	0.009
1.29	B/FBK	<2	K	0.031	J-R	0.017
—	NAPQNS	<2	K	<0.018	K	0.012
1.21	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.012
1.99	BJ-QC/FBK/FFBFLS	3	J-QC/FFB	<0.018	K	0.021
1.09	BJ-HT/FBK/EHT	<2	KJ-QC/FFD/RPOFLS	0.051		0.026
1.06	BJ-QC/FBK/FFBFFDRPO	—	NRP	0.020	J-RJ-HT/EHT	0.045
1.32	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.018	K	0.014
1.48	BJ-QC/FBK/FFBFLS	<2	K	0.152	J-QC/FFB/FSL	0.010
[redacted]						
1.75	BJ-QC/FBK/FFBFLS	<2	K	0.115		0.0424
1.23	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0175	K	0.0195
2.03	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.0162
1.53	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	0.040		0.0151
1.79	BJ-QC/FBK/FFBFLS	<2	K	0.186	J-QC/FFB	0.0224
2.26	BJ-QC/FBK/FFB	<2	K	0.131		0.0317
1.63	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.086		0.0330
2.26	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0398
2.20	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.070		0.0426
2.28	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.126	J-QC/FSL	0.0302
1.65	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	<0.0175	K	0.0423
1.77	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.162		0.0224
1.36	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.168		0.0403

1.66	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.105		0.0233
1.88	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.094		0.0453
1.80	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.042	J-QC/FFD/RPOFMS	0.0359
1.78	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.063		0.0250
1.78	BJ-QC/FBK/FFB	3	J-QC/FFD/RPO	0.021	J-R	0.0226
1.67	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.058		0.0311
1.08	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.068		0.0130
1.76	BJ-QC/FBK/FLSEHT	<2	K	0.030	J-R	0.0185
2.07	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.040		0.0129
[redacted]						
1.51	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FFB	<0.0175	K	0.0203
1.14	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	0.120		0.0157
1.54	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.058	J-R	0.0163
1.43	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.037	J-R	0.0162
0.80	BJ-QC/FBK/FFBFLS	<2	K	0.054	J-R	0.0135
1.68	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.065		0.0094
1.42	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.098		0.0211
1.81	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.076	J-QC/FFD/RPO	0.0162
1.60	BJ-QC/FBK/FFBFLS	<2	K	0.060	J-QC/FSL	0.0204
1.59	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FFD/RPO	0.049	J-RJ-QC/FFD/RPO	0.0209
1.97	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.139		0.0298
2.11	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.240	J-QC/FFD/RPO	0.0304
1.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	0.261		0.0290
2.09	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.114		0.0304
1.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.131		0.0170
1.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.240	J-QC/FFB	0.0146
1.05	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.304		0.0102
1.07	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.036	J-R	0.0100
2.06	BJ-QC/FBK/FFBFLS	<2	K	0.098		0.0056
2.66	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.201	J-QC/FFB	<0.0014
1.32	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0293	KJ-QC/FSL	0.0191
[redacted]						
1.52	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.760		0.0228
1.90	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.375		0.0147
1.88	BJ-QC/FBK/FFBFLS	<2	K	0.089	J-QC/FMS	0.0137
1.91	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.204	J-QC/FFB	0.0444
—	NAPQNS	3		<0.0378	K	0.0297
1.95	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.319	J-QC/FMS	0.0232
1.99	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.105	J-QC/FMS	0.0264
1.33	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.235		0.0243
1.67	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.058	J-R	0.0250
1.24	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.131	J-QC/FMS	0.0209
1.32	BJ-QC/FBK/FFBFLS	4	J-QC/FFB	0.251	J-QC/FFD/RPO	0.0235
1.28	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	KJ-QC/FMS	0.0115
1.78	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.090	J-QC/FMS	0.0302
2.01	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.153	J-QC/FMS	0.0346
1.98	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0378	KJ-QC/FMS	0.0175
1.41	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FFD/RPO	0.153		0.0440
1.86	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.063	J-RJ-QC/FSL	0.0803
1.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.121		0.0364

1.49	BJ-QC/FBK/FFBFLS	<2	K	0.100	J-QC/FMS	0.0279
1.64	BJ-QC/FBK/FFB	<2	K	0.121		0.0488
—	NA	—	NRP	0.359		0.0371
—	NA	<2	KJ-QC/FLS	0.146	J-QC/FMS	0.0278
[redacted]						
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.166	J-QC/LLS/FMS	0.0117
—	NA	<2	KJ-QC/FMS	0.063	J/LLS	0.0109
—	NA	<2	KJ-QC/FMS	0.029	J-RJ-QC/LLS/FSLFMS	0.0423
—	NA	<2	KJ-QCJ-HT/FMS/EHT	<0.0217	K	0.0127
—	NA	<2	K	0.170	J/LLS	0.0251
—	NA	<2	KJ-QC/FMS	0.193	J/LLS	0.0309
1.77	BJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	<0.0217	KJ-QC/FSL/FMS	0.0263
1.78	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.176	J-QC/LLS/FMS	0.0345
1.93	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.096	J-QC/LLS/FSLFMS	0.0376
1.68	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.159	J-QC/LLS/FSL	0.0157
1.73	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.051	J-QC/LLS/FMS	0.0194
1.81	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.102	J/LLS	0.0192
1.83	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0182
1.76	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FMS	<0.0911	K	0.0179
1.27	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0169
1.77	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0238
1.78	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0302
1.08	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.217	J/LLS	0.0334
1.24	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.199	J/LLS	0.0247
1.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.096	J-RJ-QC/LLS/FSL	0.0291
1.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.239	J/LLS	0.0262
1.59	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.277	J/LLS	0.0264
[redacted]						
1.78	BJ-QC/FBK/FFBFMS	<2	K	0.218	J-QC/LLS/FFB	0.0150
1.95	BJ-QC/FBK/FFBFMS	<2	K	0.208	J/LLS	0.0484
1.54	BJ-QC/FBK/FFB	<2	K	0.119	J/LLS	0.0427
0.39	BJ-QC/FBK/FFBFMS	<2	K	0.119	J-QC/LLS/FFB	0.0102
1.68	BJ-QC/FBK/FFBFLDRPO	<2	K	0.074	J/LLS	0.0108
1.37	BJ-QC/FBK/FFBFLDRPO	<2	K	0.222	J-QC/LLS/FSL	0.0165
1.94	BJ-QC/FBK/FFBFMS	<2	K	0.205	J/LLS	0.0250
1.47	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0147
1.95	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0248
—	NAPQNS	—	NAPQNS	—	NAPQNS	—
1.70	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0286
1.29	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0262
1.88	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FMS	0.0370
1.69	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.141	J/LLS	0.0239
1.42	BJ-QC/FBK/FFBFMS	3		0.030	J-R/LLS	0.0164
1.49	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC	0.0109
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	2.32	0.151	0.16	—
	—	0.237	0.25	—
[redacted]				
	2.11	0.112	0.09	—
	1.41	0.236	0.15	—
	1.85	0.221	0.20	—
	2.33	0.263	0.28	—
	0.68	0.187	0.14	—
	1.79	0.304	0.25	—
	1.63	0.304	0.24	—
	1.32	0.486	0.18	—
	0.90	0.272	0.29	—
	1.48	0.233	0.22	—
	1.58	0.215	0.24	—
	1.13	0.194	0.27	—
	1.35	0.196	0.22	—
	1.60	0.236	0.21	—
	1.46	0.222	0.24	—
	2.36	0.298	0.31	—
	1.23	0.213	0.23	—
	1.76	0.187	0.20	—
	1.76	0.186	0.16	—
	1.59	0.165	0.18	—
	2.07	0.291	0.22	—
	1.94	0.063	0.15	—
[redacted]				
	1.81	0.092	0.09	—
	1.42	0.080	0.12	—
	1.45	0.152	0.12	—
	1.48	0.535	0.11	—
	1.50	0.198	0.21	—
	—	0.157	0.14	—
	1.64	0.213	0.20	—
	1.90	0.286	0.24	—
	0.85	0.176	0.19	—
	1.39	0.479	0.22	—
	1.71	0.286	0.27	—
	1.58	0.373	0.42	—
	1.02	0.561	0.45	—
	1.36	0.326	0.28	—
	1.33	0.214	0.24	—
	1.21	0.240	0.19	—
	1.46	0.213	0.24	—
	1.58	0.342	0.43	—
	1.84	0.320	0.34	—
	1.62	0.223	0.22	—

1.93	0.176	0.24	—
1.98	0.150	0.13	—
2.17	0.100	0.12	—
1.85	0.09	0.08	—
2.11	0.093	0.11	—
2.01	0.127	0.12	—
1.60	0.198	0.21	—
1.56	0.245	0.26	—
1.21	0.241	0.21	—
1.46	0.291	0.24	—
1.88	0.286	—	—
2.70	0.336	0.18	—
1.94	0.191	—	—
3.57	0.220	—	—
1.23	0.257	—	—
1.36	0.178	0.22	—
1.28	0.241	0.24	—
1.46	0.479	0.28	—
1.64	0.265	0.30	—
1.50	0.223	—	—
1.69	0.276	—	—
1.32	0.239	—	—
2.37	0.216	—	—
0.91	0.291	0.29	—
1.47	0.114	0.15	—
1.61	0.134	0.13	—
1.34	0.144	0.15	—
1.59	0.118	0.12	—
2.37	0.205	0.20	—
1.31	0.173	0.28	—
2.64	0.133	0.18	—
1.54	0.088	0.07	—
1.30	0.072	0.07	—
1.31	0.176	0.12	—
1.65	0.333	0.32	—
1.62	0.275	0.21	—
1.73	0.22	0.17	—
1.71	0.31	0.23	—
1.71	0.19	0.19	—
1.76	0.24	0.18	—
0.722	0.20	0.17	—
1.18	0.16	0.14	—
2.31	0.48	0.15	—
2.54	0.12	0.12	—
1.50	0.12	0.10	—
1.26	0.11	0.11	—

	1.41		0.12		0.10		—	
	1.39		0.16		0.14		—	
	1.52		0.35		0.17		—	
	1.64		0.22		0.15		—	
	2.03		0.36		0.18		—	
	1.84		0.22		0.17		—	
	1.72		0.28		0.22		—	
	1.40		0.30		0.20		—	
	0.250		0.22		0.21		—	
	1.31		0.22		0.20		—	
	1.00		0.17		0.17		—	
	0.775		0.34		0.38		—	
	2.05		0.23		0.22		—	
J-R	2.14		0.22		0.20		—	
	1.74		0.13		0.13		—	
[redacted]								
J-QC/FFB	1.71		0.12		0.11		—	
	2.20	J-QC/FFB	0.13		0.13		—	
	1.52		0.18		0.22	J-QC/FFD/RPO	—	
	0.954		0.55		0.19		—	
	2.16	J-QC/FFB	0.25		0.19	J-QC/FFB/FFDRPO	—	
	2.32		0.25		0.23		—	
	1.24	J-QC/FFB	0.16	J-QC/FFD/RPO	0.15		—	
	1.25		0.16		0.14		—	
	1.26		0.21		0.16		—	
J-HT/EHT	1.69		0.09	J-QC/FFD/RPO	0.16		—	
	1.03		0.17	J-QC/FFB/FFDRPO	0.16		—	
	1.05	J-QC/FFB	0.14		0.14		—	
J-QC/FFB	1.82		0.26	J-QC/FFB	0.25		—	
J-QC/FFB	1.72		0.22		0.22		—	
	1.71	J-QC/FFB	—	NAP	—	NAP	—	
	1.98		0.14		0.23		—	
	1.58		0.16		<0.05	K	—	
J-HT/EHT	2.07	J-QCJ-HT/FFB/EHT	0.20	J-QC/FFD/RPO	0.17	J-QC/FFD/RPO	—	
J-QC/FFB	1.74	J-QC/FFB	0.18		0.14		—	
J-QC/FFB	1.61		0.12		0.12		—	
[redacted]								
	1.03		0.21		0.09		—	NA
	1.35	J-QC/FFB	0.10		0.08		—	NA
	1.83		0.19		0.16		—	NA
	1.67		0.21		0.17		—	NA
	1.78		0.22		0.19	J-QC/FFD/FLDRPO	—	NA
	1.61	J-QC/FLS	0.24		0.19		—	NA
J-QC/FFB	1.86		0.19	J-QC/FFB	0.16		—	NA
	1.41		0.39	J-QC/FFB	0.28	J-QC/FFB/FFDRPO	—	NA
	1.09		0.28		0.18		—	NA
	1.50		0.27		0.23	J-QC/FLD/RPOFLS	—	NA
	1.20		0.30		0.26		—	NA
	2.17		0.33		0.27		—	NA
J-QC/FFB	0.741		0.19		0.17		—	NA

	1.82		0.42		0.38		—	NA
	1.66		0.25		0.22		—	NA
	1.12		0.23	J-QC/FFB	0.20		—	NA
	2.45		0.30	J-QC/FLS	0.28		—	NA
	1.44	J-QC/FFD/RPO	0.25		0.22		—	NA
	1.83		0.31		0.28		—	NA
	2.06		0.22	J-QC/FFD/RPO	0.14		—	NA
J-QC/FFB	2.35		0.22	J-QC/FFB	0.20		—	NA
	2.64		0.16		0.13		—	NA
[redacted]								
J-QC/FFB	2.6700		0.16		0.12		—	NA
	2.5400	J-QC/FLS	0.10		0.09	J-QC/FLS	—	NA
	1.2608		0.14	J-QC/FFB/FFDRPO	0.13		—	NA
	1.4179		0.07	J-QC/FFB	0.04	J-R	—	NA
J-QC/FFB	1.2891		0.11		0.08		—	NA
	1.3248	J-QC/FFB/FFDRPO	0.11		0.08	J-QC/FFD/RPO	—	NA
J-QC/FFD/RPO	1.1769		0.17		0.12		—	NA
J-QC/FFB	1.3064		0.19	J-QC/FFB	0.16		—	NA
J-QC/FFB	1.6100	J-QC/FFB/FLS	0.20		0.18		—	NA
	1.5904		0.17	J-QC/FLD/RPO	0.16	J-QC/FFB	—	NA
J-QC/FFB	1.6910		0.23		0.20		—	NA
J-QC/FFB	1.0325		0.27		0.24		—	NA
J-QC/FFB	1.1412	J-QC/FFD/RPO	0.25		0.24		—	NA
	1.6354	J-QC/FFB	0.35	J-QC/FFB	0.30		—	NA
	1.1850		0.15		0.13		—	NA
	1.0173	J-QC/FFB	0.19		0.15	J-QC/FFB	—	NA
	1.6867	J-QC/FFD/RPO	0.11		0.09	J-QC/FFB/FFDRPO	—	NA
	1.9159		0.08		0.09		—	NA
	1.6945		0.15	J-QC/FFB	0.09		—	NA
K	1.2488		0.13		0.10		—	NA
J-QC/FFB	2.3555		0.09		0.08		—	NA
[redacted]								
J-QC/FFB	2.0389		0.12	J-QC/FFB	0.11		—	NA
J-QC/FFB	2.3856	J-QC/FFB	0.10		0.09		—	NA
	1.5409	J-QC/FFB	0.12		0.09		—	NA
J-QC/FFB	2.2614	J-QC/FFB	0.22		0.18		—	NA
J-QC/FFB	2.0348		0.20		0.16		—	NA
J-QC/FFB	2.2473		0.19	J-QC/FFD/RPO	0.16		—	NA
J-QC/FFB	1.4087		0.19		0.17		—	NA
J-QC/FFB	1.4725		0.19		0.16		—	NA
J-QCJ-HT/FFB/EHT	1.3090		0.16		0.11	J-QC/FFD/RPO	—	NA
J-QC/FFB	1.3712		0.17		0.16		—	NA
	1.7775	J-HT/EHT	0.21		0.17		—	NA
	1.8757	J-QC/FLS	0.26		0.23		—	NA
J-QC/FFB	2.2581		0.27	J-QC/FFD/RPO	0.27		—	NA
	1.1959		0.22		0.20		—	NA
	1.8436		0.27		0.24		—	NA
J-QC/FFB	1.2716	J-QC/FFD/RPO	0.23		0.24		—	NA
	1.5650		0.19		0.17		—	NA
J-QC/FFB	1.9821		0.25		0.22		—	NA

J-QC/FFB	1.8036		0.28		0.25		—	NA
J-QC/FFB	2.0152		0.22		0.20		—	NA
J-QC/FFB	2.6487		0.18		0.16		—	NA
J-QCJ-HT/FFB/EHT	2.2194	J-QC/FFB/FFDRPO	0.22		0.17		—	NA
[redacted]								
[redacted]	1.9835	[redacted]	0.09	[redacted]	0.06	J-QC/FLD/RPO	—	NA
J-QC/FFB	2.1652	J-HT/EHT	0.12	J-QC	0.10	J-QC	—	NA
J-QC/FFB	1.2609	J-QC/FFB	0.20	J-QC	0.20	J-QC	—	NA
J-QC/FFB	1.7079	[redacted]	0.10	[redacted]	0.08	I-QC/FFB/FFDFLDRPC	—	NA
J-QC/FFB	1.6557	[redacted]	0.23	J-QC/FFD/RPO	0.23	J-QC	—	NA
J-QC/FFB	2.0267	J-QC/FFB	0.31	[redacted]	0.26	J-QC	—	NA
[redacted]	1.2558	[redacted]	0.16	[redacted]	0.13	[redacted]	—	NA
J-QC/FFB	1.3332	[redacted]	0.20	[redacted]	0.16	[redacted]	—	NA
[redacted]	1.3375	[redacted]	0.16	[redacted]	0.22	[redacted]	—	NA
J-QC/FFB	1.1382	[redacted]	0.14	J-QC/FLD/RPO	0.12	[redacted]	—	NA
QCJ-HT/FFD/RPOEH	1.7412	[redacted]	0.14	[redacted]	0.12	J-QC	—	NA
[redacted]	1.6993	[redacted]	0.23	[redacted]	0.15	[redacted]	—	NA
[redacted]	1.3264	[redacted]	0.16	J-QC	0.15	J-QC	—	NA
[redacted]	1.3252	[redacted]	0.18	[redacted]	0.15	[redacted]	—	NA
J-QC/FFD/RPO	1.5752	[redacted]	0.17	J-QC/FLD/RPO	0.16	J-QC/FLD/RPO	—	NA
[redacted]	1.3124	J-QC/FFB/FLS	0.17	[redacted]	0.16	[redacted]	—	NA
J-QC/FFB/FFDRPO	1.8189	J-QC/FFB/FFDRPO	0.27	J-QC/FFD/RPO	0.27	J-QC/FFD/RPO	—	NA
[redacted]	1.6070	[redacted]	0.18	J-QC/FFD/RPO	0.14	J-QC/FFD/RPOFMS	—	NA
[redacted]	1.1803	[redacted]	0.24	[redacted]	0.23	[redacted]	—	NA
J-QC/FFB	1.9637	[redacted]	0.29	J-QC	0.25	J-QC	—	NA
J-QC/FFB	2.6991	J-QC/FLS	0.35	J-QC	0.31	J-QC	—	NA
[redacted]	1.4882	[redacted]	0.21	[redacted]	0.16	[redacted]	—	NA
[redacted]								
J-QC/FFB	1.5833	J-QC/FLS	0.12		0.12		—	NA
	1.4378		0.12		0.08		—	NA
J-QC/FFB	1.0350	J-QC/FLS	0.09		0.07		—	NA
	1.3956		0.08	J-QC/FFB	0.07	J-QC/FFB	—	NA
J-QC/FFB	1.3762	J-QCJ-HT	0.11		0.08		—	NA
J-HT	1.5414		0.12		0.11	J-QC/FFB	—	NA
J-QC/FFB	1.3424		0.14	J-QC/FMS	0.08		—	NA
J-QC/FFB	1.5794		0.14		0.13		—	NA
J-QCJ-HT/FFB	2.1147	J-QC/FLS	0.20	J-QC/FFB	0.13		—	NA
NAPQNS	—	NAPQNS	—	NAPQNS	—	NAPQNS	—	NA
	1.9415		0.17		0.14		—	NA
J-QC/FFB	1.5864		0.20		0.14		—	NA
J-QC/FFB	1.6987		0.18		0.16		—	NA
J-QC/FFB	2.0739		0.22		0.19		—	NA
J-QC/FFB	2.4028		0.17		0.09		—	NA
J-QC	2.0753		0.18		0.14		—	NA
[redacted]								

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
<0.5	0.00	0.00
4.9	0.00	0.36
[redacted]		
3.8	0.00	0.00
6.0	1.09	1.53
5.1	0.09	0.09
3.1	0.00	0.00
5.1	0.18	0.18
3.1	0.00	0.00
4.0	0.00	0.00
14.2	0.00	0.00
3.3	0.00	0.00
9.2	0.00	0.09
4.7	0.00	0.00
8.4	0.00	0.39
9.9	0.00	0.00
6.9	0.00	0.00
2.4	0.00	0.00
7.9	0.00	0.00
5.5	0.08	0.61
6.0	0.00	0.00
3.5	0.00	0.00
4.9	0.00	0.00
4.6	0.00	0.01
5.3	0.21	0.24
[redacted]		
0.9	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.29
1.1	0.00	0.00
1.7	0.00	0.00
1.1	0.00	0.00
1.5	0.00	0.00
2.2	0.00	0.00
5.0	0.00	0.66
3.1	0.00	0.95
5.2	0.00	0.00
5.0	0.04	0.04
—	0.00	0.00
3.6	0.01	0.01
3.3	0.00	0.00
2.8	0.00	0.03
3.0	0.00	0.00
4.1	0.00	0.01
17.1	0.00	0.00
2.4	0.00	0.00

4.1	0.00	0.00	[redacted]
7.9	0.48	0.48	
6.6	0.00	0.00	
[redacted]			
6.7	0.12	0.12	
3.6	0.00	0.00	
2.6	0.00	0.00	
3.0	0.00	0.00	
4.5	0.00	0.00	
6.0	0.01	0.48	
7.7	0.00	0.00	
—	0.00	0.00	
2.9	0.00	0.00	
—	0.03	0.15	
—	0.00	1.56	
—	0.00	0.00	
7.7	0.00	0.00	
6.1	0.00	0.00	
5.7	0.00	0.00	
24.8	0.27	0.84	
—	0.00	0.02	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
3.4	0.00	0.00	
2.8	1.11	1.11	
3.2	0.00	0.00	
3.7	0.00	0.04	
1.4	0.00	0.00	
1.0	0.00	0.00	
[redacted]			
3.1	0.00	1.58	
<0.5	0.00	0.00	
1.3	0.02	0.02	
1.9	0.42	0.42	
2.1	0.00	0.66	
5.8	0.00	0.00	
2.3	0.00	1.09	
4.4	0.00	0.00	
4.4	0.00	0.00	
4.5	0.00	0.00	
7.1	0.00	0.00	
4.2	0.01	0.01	
3.1	0.01	0.09	
3.9	0.00	0.06	
[redacted]			
2.8	0.00	0.00	
3.1	0.05	0.10	
3.8	0.00	0.00	

4.1		0.00	0.00
5.1		0.00	0.48
9.7		0.00	0.14
4.3		0.00	0.00
5.0		0.00	0.04
5.4		0.14	0.15
5.1		0.00	0.80
6.2		0.00	0.00
4.3		0.00	0.00
5.1		0.00	0.71
7.0		0.00	0.00
5.2		0.00	0.00
4.7		0.00	0.00
4.8		0.15	0.15
5.1		0.00	0.00
4.4	J-QC/FFB	0.00	0.00
4.1	J-QC/FFB	0.00	0.00
4.5	J-QC/FFB	0.00	0.00
7.7		1.47	2.10
7.1	J-QC/FFB	0.10	0.10
4.9		0.92	1.35
7.4	J-QC/FFB/FFDRPO	0.01	0.68
6.0		0.43	0.43
6.4	J-QC/FFB	0.08	0.08
6.0		0.00	0.00
6.5	J-QC/FFB	0.00	0.15
8.1	J-QC/FFB	0.00	0.00
5.3	J-QC/FFB	0.08	0.12
4.4		1.13	1.13
—	NAP	0.00	0.00
5.2	J-QC/FFB	0.00	0.00
4.7	J-QC/FFB	0.00	0.00
4.2		0.00	0.30
4.6	J-QC/FFB	0.00	0.00
5.2	J-QC/FFB	0.00	0.00
7.50		0.10	1.32
3.50		0.00	0.00
4.20	J-QC/FFB	0.00	0.47
4.50		0.00	0.01
4.68	J-QC/FFB	0.00	0.00
5.06	J-QC/FFB	0.00	0.00
4.99	J-QC/FFB	0.00	0.18
4.76	J-QC/FFB	0.00	0.00
5.50	J-QC/FFB	0.00	1.69
5.20	J-QC/FFB	0.00	0.05
4.70	J-QC/FFB	0.00	0.00
3.80	J-QC/FFB	0.00	0.00
5.10	J-QC/FFB	0.00	0.00

4.20	J-QC/FFB	0.00	1.24
4.10	J-QC/FFB	0.00	0.00
4.40	J-QC/FFB	0.00	0.00
4.10	BJ-QC/FBK/FFB	0.00	0.93
3.80	J-QC/FFB	0.00	0.00
3.90	J-QC/FFB	0.00	0.16
5.10		0.00	0.01
5.90		0.00	0.00
5.00		0.00	0.00
[redacted]			
3.8		0.00	0.00
4.6	J-QC/FFB	0.00	0.00
5.7		0.00	0.00
3.7	J-QC/FFB	0.04	0.04
3.8	BJ-QC/FBK/FFB	0.00	0.00
3.4	BJ-QC/FBK/FFB	0.00	0.00
4.5		0.00	0.00
3.3	J-QC/FFB	0.00	0.00
3.1	J-QC/FFB	0.49	0.53
5.1	J-QC/FFB	0.00	0.00
5.5	J-QC/FFB	0.00	0.00
5.1	J-QC/FFB	0.17	0.17
4.3	J-QC/FFB	0.00	0.00
4.2	J-QC/FFB	1.32	1.32
7.2	J-QC/FFB	0.00	0.22
8.2	J-QC/FFB	0.00	0.00
3.5	J-QC/FFB	0.00	0.00
6.4	J-QC/FFB	0.08	0.12
4.2		0.00	0.00
4.8	J-QC/FFD/RPO	0.00	0.00
2.5	J-QC/FFB/FFDRPO	0.03	0.03
[redacted]			
2.5		0.14	0.14
2.8		0.02	0.02
3.4	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
2.9		0.02	0.02
3.7		0.20	0.82
3.6	J-QC/FFB	0.21	0.48
6.3	J-QC/FFB	0.00	0.18
4.9	BJ-QC/FBK/FFB	0.40	0.60
4.9	J-QC/FFB	0.58	0.60
6.3	B/FBK	0.00	0.93
4.6	BJ-QC/FBK/FFBFFDRPO	0.00	0.00
3.8	B/FBK	0.00	0.00
4.5	J-QC/FFB	0.00	0.00
5.8	J-QC/FFB	0.03	0.07
5.5	J-QC/FFB	0.00	0.00
3.5	J-QC/FFB	0.00	0.00
2.5		0.00	0.00
2.8	J-QC/FFD/RPO	0.01	1.01

3.3	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB	0.00	0.00
3.6	BJ-QC/FBK/FFB	0.00	0.00
3.5	J-QC/FFB	0.00	0.02
[redacted]			
3.36	BJ-QC/FBK/FFB	0.00	0.00
4.23	J-QC/FFB	0.00	0.00
6.68	BJ-QC/FBK/FFB	0.00	0.00
2.9	J-QC	0.00	0.00
3.7		0.00	0.00
3.8	J-QC/FFB/FLDRPO	1.15	1.15
5.0		0.00	0.00
7.5	J-QC	0.00	0.00
5.0		0.00	0.96
6.7	J-QC/FFB	1.29	1.29
4.9	J-QC/FFD/FLDRPO	0.00	0.00
4.1		0.00	0.01
4.7	J-QC/FFB	0.00	0.00
6.5	J-QC	0.00	0.02
6.0	J-QC	0.00	0.00
7.0	J-QC/FFB	0.00	0.00
3.3	J-QC/FFD/RPO	0.00	0.00
3.8	J-QC/FFD/RPO	0.00	0.04
3.8		0.00	0.00
5.02	J-QC/FFB	0.00	0.00
4.31	J-QC/FLD/RPO	0.00	0.00
5.36		0.00	0.00
[redacted]			
4.3		0.00	0.07
3.6		0.00	0.00
4.6		0.07	0.74
3.9		0.00	0.00
3.1		0.00	0.08
5.1		0.00	0.00
6.0		0.00	0.00
3.7		0.02	0.02
3.5		0.00	0.49
—	NAPQNS	0.00	0.00
4.0		0.00	0.55
3.1		0.00	0.00
3.0		0.03	0.03
3.5		0.00	0.00
5.3		0.00	0.00
4.1		0.00	0.08
[redacted]			

Station #27 Upper Raritan River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 3, 2003	11:20	6.60	4.4	11.81
December 18, 2003	10:40	6.50	3.4	12.25
2004				
February 26, 2004	11:25	7.57	3.6	13.31
April 13, 2004	11:35	6.53	10.0	11.02
May 19, 2004	11:55	7.17	21.2	4.70
June 10, 2004	10:55	7.16	24.0	8.20
June 17, 2004	10:45	8.05	24.1	13.41
June 24, 2004	11:07	8.77	23.7	12.90
June 29, 2004	11:25	7.68	23.7	4.80
July 15, 2004	10:00	7.10	21.5	5.20
July 22, 2004	10:00	7.28	24.6	4.20
July 29, 2004	10:00	7.16	20.6	6.65
August 5, 2004	10:45	7.10	25.30	3.89
August 12, 2004	10:54	7.01	24.12	7.14
August 19, 2004	11:50	7.14	23.94	4.87
August 26, 2004	10:50	7.12	23.18	5.52
September 2, 2004	12:10	7.27	24.90	4.54
September 23, 2004	10:30	6.90	19.60	5.26
September 30, 2004	11:00	6.13	18.46	6.36
October 13, 2004	11:06	7.00	16.25	7.18
October 28, 2004	10:55	7.00	12.3	7.10
November 9, 2004	10:40	—	9.7	7.94
November 23, 2004	10:38	7.02	9.49	9.14
December 9, 2004	10:28	7.42	6.86	11.16
2005				
March 10, 2005	11:36	—	1.90	15.70
April 14, 2005	10:44	—	12.95	11.99
April 28, 2005	10:44	7.38	13.59	9.17
May 4, 2005	11:48	7.35	14.24	12.15
May 12, 2005	10:44	7.35	16.37	8.74
May 16, 2005	11:49	7.68	19.41	10.07
June 9, 2005	10:45	7.22	23.18	7.77
June 14, 2005	10:43	8.31	25.63	13.34
June 23, 2005	11:05	7.23	22.73	7.54
July 7, 2005	10:35	7.12	25.12	4.73
July 21, 2005	12:06	6.79	27.43	3.53
July 27, 2005	11:13	6.95	27.82	3.65
August 4, 2005	10:40	7.26	27.89	6.20
August 9, 2005	10:38	7.14	26.60	3.54
August 23, 2005	11:02	—	25.65	3.46
September 1, 2005	—	—	—	—
September 6, 2005	—	—	—	—
September 15, 2005	11:30	7.23	24.44	5.17
September 22, 2005	11:09	7.19	24.29	3.96
October 4, 2005	11:25	7.24	20.88	6.06

October 20, 2005		10:44	7.49	15.28	8.84
November 21, 2005		10:43	7.49	9.58	10.05
December 19, 2005		11:58	7.48	2.58	15.45
2006					
January 17, 2006		11:30	7.53	2.35	19.05
February 16, 2006		11:39	7.86	4.50	12.79
February 28, 2006		10:54	7.93	2.03	15.44
March 28, 2006		10:34	8.17	8.14	13.89
April 19, 2006		11:29	7.59	15.09	8.57
April 25, 2006		10:28	6.87	13.59	8.31
May 3, 2006		11:08	7.44	16.49	7.11
May 8, 2006		10:12	7.21	17.54	7.80
June 22, 2006		11:29	7.30	24.79	7.85
June 27, 2006		11:18	7.12	23.69	5.27
July 13, 2006		11:29	7.06	24.22	5.56
July 20, 2006		10:38	7.28	27.77	6.46
July 25, 2006		10:50	6.92	25.32	4.21
August 8, 2006		10:31	6.98	26.50	3.69
August 22, 2006		10:31	7.12	25.80	4.41
August 30, 2006		11:11	7.09	22.20	4.50
September 7, 2006		11:08	7.00	20.37	6.27
September 13, 2006		11:01	7.01	20.53	6.57
September 19, 2006		10:49	7.09	21.55	5.57
September 26, 2006		10:58	7.35	20.16	7.63
October 3, 2006		11:14	7.17	18.17	7.03
October 17, 2006		11:20	7.32	13.66	7.72
October 31, 2006		11:11	7.21	10.19	9.11
November 15, 2006		11:05	7.49	13.74	8.61
November 28, 2006		11:38	7.32	8.68	9.68
December 12, 2006		11:19	7.77	4.69	12.09
2007					
January 9, 2007		11:18	8.71	7.54	9.89
January 23, 2007		11:34	7.31	2.88	10.28
March 22, 2007		11:02	8.43	5.47	14.15
May 1, 2007		11:13	7.60	15.76	12.47
May 17, 2007		10:48	7.15	19.19	6.80
Boat engine failure - 5/18/07					
September 5, 2007		10:55	7.24	24.18	5.76
September 12, 2007		10:45	7.21	24.53	5.36
September 27, 2007		11:40	7.13	22.71	5.22
October 2, 2007		11:02	7.26	20.69	4.60
October 16, 2007	A	11:22	7.15	18.25	5.49
October 16, 2007	B	11:22	—	—	—
November 1, 2007	A	11:01	7.17	13.81	7.57
November 1, 2007	B	11:01	—	—	—
November 29, 2007	A	11:04	—	7.42	9.04
November 29, 2007	B	11:04	—	—	—
December 11, 2007		10:46	—	3.80	10.88
December 20, 2007	A	11:05	—	2.55	13.07
December 20, 2007	B	11:05	—	—	—

2008					
January 8, 2008	A	10:54	—	3.68	13.12
January 8, 2008	B	10:54	—	—	—
February 7, 2008	A	11:24	7.23	5.54	11.29
February 7, 2008	B	11:24	—	—	—
March 11, 2008	A	11:07	7.20	5.71	11.69
March 11, 2008	B	11:07	—	—	—
April 8, 2008	A	11:39	7.51	9.48	10.45
April 8, 2008	B	11:39	—	—	—
May 13, 2008	A	11:33	7.45	13.41	8.70
May 13, 2008	B	11:33	—	—	—
May 28, 2008	A	11:09	7.52	18.86	8.88
May 28, 2008	B	11:09	—	—	—
June 3, 2008	A	10:47	7.20	20.71	6.19
June 3, 2008	B	10:47	—	—	—
June 17, 2008	A	11:09	7.01	25.04	5.60
June 17, 2008	B	11:09	—	—	—
June 24, 2008	A	11:32	7.46	23.66	8.09
June 24, 2008	B	11:32	—	—	—
July 15, 2008	A	11:30	7.36	26.36	7.80
July 15, 2008	B	11:30	—	—	—
August 5, 2008	A	09:59	7.04	25.46	3.23
August 5, 2008	B	09:59	—	—	—
September 4, 2008	A	11:15	7.08	25.03	4.58
September 4, 2008	B	11:15	—	—	—
September 10, 2008	A	11:00	7.34	22.61	5.31
September 10, 2008	B	11:00	—	—	—
September 16, 2008	A	10:46	7.13	22.95	3.63
September 16, 2008	B	10:46	—	—	—
September 23, 2008	A	10:32	7.19	20.44	8.58
September 23, 2008	B	10:32	—	—	—
October 7, 2008	A	10:39	—	17.26	4.65
October 7, 2008	B	10:39	—	—	—
November 24, 2008	A	11:27	7.19	4.02	10.29
November 24, 2008	B	11:27	—	—	—
December 3, 2008	A	11:05	7.10	6.00	10.35
December 3, 2008	B	11:05	—	—	—
2009					
February 10, 2009	A	11:19	8.35	2.06	12.80
February 10, 2009	B	11:19	—	—	—
March 18, 2009	A	10:58	8.25	7.86	16.11
March 18, 2009	B	10:58	—	—	—
April 30, 2009	A	11:39	7.00	16.81	—
April 30, 2009	B	11:39	—	—	—
May 7, 2009	A	11:04	7.17	13.98	—
May 7, 2009	B	11:04	—	—	—
May 28, 2009	A	10:44	7.22	19.03	—
May 28, 2009	B	10:44	—	—	—
June 4, 2009	A	11:06	7.86	20.37	—
June 4, 2009	B	11:06	—	—	—

June 16, 2009	A	11:51	7.21		20.40		7.14
June 16, 2009	B	11:51	—		—		—
June 24, 2009	A	11:16	7.10		20.61		4.93
June 24, 2009	B	11:16	—		—		—
July 7, 2009		10:44	7.24		23.61		5.21
July 14, 2009	A	11:07	7.21		22.87		6.58
July 14, 2009	B	11:07	—		—		—
July 28, 2009	A	11:17	—	NAPEFAI/EQF	25.38		6.75
July 28, 2009	B	11:17	—		—		—
August 4, 2009	A	11:16	—	NAPEFAI/EQF	23.01		6.19
August 4, 2009	B	11:16	—		—		—
August 13, 2009	A	11:07	7.22		24.69		6.01
August 13, 2009	B	11:07	—		—		—
August 18, 2009	A	10:54	—	NAPEFAI/EQF	26.72		—
August 18, 2009	B	10:54	—		—		—
September 1, 2009	A	11:11	—	NAPEFAI/EQF	22.15		—
September 1, 2009	B	11:11	—		—		—
September 15, 2009	A	11:08	—	NAPEFAI/EQF	20.74		—
September 15, 2009	B	11:08	—		—		—
September 22, 2009	A	11:02	—	NAPEFAI/EQF	20.59		—
September 22, 2009	B	11:02	—		—		—
October 19, 2009	A	11:25	—	NAPEFAI/EQF	10.60		—
October 19, 2009	B	11:25	—		—		—
November 9, 2009	A	10:54	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
November 9, 2009	B	10:54	—		—		—
December 8, 2009		10:59	7.48		6.27		11.10
2010							
March 23, 2010		11:06	7.16		11.53		10.47
April 13, 2010		10:45	7.51		14.51		12.39
May 13, 2010		10:50	7.19		13.83		8.71
May 20, 2010		11:00	7.18		16.46		8.09
May 26, 2010		10:40	7.17		20.67		7.32
June 8, 2010		10:52	7.57		22.63		9.26
June 14, 2010	A	11:07	7.08		22.44		5.29
June 14, 2010	B	11:07	—	NA	—	NA	—
June 24, 2010		10:45	7.31		26.46		7.87
July 15, 2010		10:40	7.11		26.35		4.11
July 20, 2010		10:36	7.19		28.15		5.94
July 27, 2010		10:57	7.23		27.42		4.33
August 3, 2010		10:41	7.25		25.78		4.66
August 10, 2010	A	11:03	7.24		26.30		4.18
August 10, 2010	B	11:03	—	NA	—	NA	—
August 17, 2010		10:38	7.19		25.65		5.79
August 31, 2010		10:49	7.43		24.79		6.38
September 8, 2010		10:43	7.42		23.82		6.36
September 14, 2010	A	10:55	7.38		21.38		6.38
September 14, 2010	B	10:55	—	NA	—	NA	—
September 21, 2010		11:25	7.52		21.02		7.15
September 29, 2010	A	11:03	7.32		21.72		6.08
September 29, 2010	B	11:03	—	NA	—	NA	—

October 6, 2010	A	11:10	6.98		16.27		7.08
October 6, 2010	B	11:10	—	NA	—	NA	—
November 15, 2010	A	11:17	7.41		9.27		10.40
November 15, 2010	B	11:17	—	NA	—	NA	—
December 8, 2010		11:17	7.53		3.63		11.99
2011							
January 5, 2011	A	11:05	7.44		1.34		13.67
January 5, 2011	B	11:05	—	NA	—	NA	—
February 17, 2011	A	10:55	7.27		2.89		18.62
February 17, 2011	B	10:55	—	NA	—	NA	—
March 9, 2011		11:35	7.13		6.87		12.45
April 11, 2011		10:51	7.33		10.49		10.92
May 3, 2011		10:50	7.08		16.37		7.61
May 10, 2011		11:14	6.94		16.49		8.54
May 25, 2011		11:03	7.21		19.24		8.20
June 7, 2011	A	10:55	8.31	[redacted]	21.36		12.20
June 7, 2011	B	10:55	—	NA	—	NA	—
June 14, 2011	A	10:53	7.10		22.83		5.37
June 14, 2011	B	10:53	—	NA	—	NA	—
June 28, 2011		11:18	7.14		24.73		5.83
July 6, 2011		11:04	7.28		25.47		6.03
July 13, 2011	A	10:38	7.05		27.07		6.09
July 13, 2011	B	10:38	—	NA	—	NA	—
July 28, 2011		10:47	7.34		27.63		5.72
August 9, 2011	A	11:09	7.53		27.73		7.01
August 9, 2011	B	11:09	—	NA	—	NA	—
August 17, 2011		10:59	7.11		22.18		6.06
August 24, 2011		10:52	7.02		21.96		6.65
September 14, 2011		11:04	7.20		21.81		6.79
September 21, 2011	A	10:54	7.53		17.72		9.02
September 21, 2011	B	10:54	—	NA	—	NA	—
October 25, 2011		11:01	7.28		14.28		8.05
November 2, 2011	A	11:02	7.46		8.25		11.51
November 2, 2011	B	11:02	—	NA	—	NA	—
December 20, 2011		10:56	7.79		4.07		13.46
2012							
January 11, 2012	A	11:25	7.80		4.64		11.17
January 11, 2012	B	11:25	—	NA	—	NA	—
February 8, 2012		10:58	7.60		5.21		11.66
March 7, 2012		11:13	7.76		6.26		13.93
April 19, 2012		11:10	7.34		16.26		7.55
May 2, 2012	A	10:57	7.21		15.09		8.20
May 2, 2012	B	10:57	—	NA	—	NA	—
May 10, 2012		11:05	7.16		17.06		6.22
May 17, 2012	A	10:45	7.13		20.01		6.64
May 17, 2012	B	10:45	—	NA	—	NA	—
May 23, 2012		10:28	7.14		20.50		6.52
June 6, 2012		11:00	—	NAPEFAI/EQF	19.52		3.97
June 14, 2012	A	10:38	—	NAPEFAI/EQF	21.41		4.38
June 14, 2012	B	10:38	—	NA	—	NA	—

June 20, 2012		11:04	—	NAPEFAI/EQF	23.90		4.48
June 28, 2012	A	10:37	—	NAPEFAI/EQF	23.70		4.43
June 28, 2012	B	10:37	—	NA	—	NA	—
July 12, 2012		10:55	7.67		28.09		9.11
July 24, 2012	A	10:49	7.34		23.81		5.80
July 24, 2012	B	10:49	—	NA	—	NA	—
July 31, 2012		11:04	7.16		26.16		4.90
August 22, 2012		10:33	7.10		25.22		3.03
September 11, 2012	A	11:05	7.41		23.34		6.74
September 11, 2012	B	11:05	—	NA	—	NA	—
September 19, 2012		10:52	7.44		21.61		6.67
September 25, 2012	A	10:54	7.29		19.84		6.65
September 25, 2012	B	10:54	—	NA	—	NA	—
October 18, 2012		10:55	7.60		15.14		6.79
November 29, 2012	A	09:21	7.51		6.05		9.82
November 29, 2012	B	09:21	—	NA	—	NA	—
December 5, 2012		09:49	7.56		7.49		11.29
2013							
January 8, 2013	A	09:30	7.27		2.87		12.76
January 8, 2013	B	09:30	—	NA	—	NA	—
February 6, 2013		09:27	7.06		1.38		14.02
March 13, 2013	A	09:08	7.67		8.35		12.15
March 13, 2013	B	09:08	—	NA	—	NA	—
April 2, 2013		09:17	8.08		8.72		12.14
May 2, 2013	A	11:15	7.27		15.95		6.75
May 2, 2013	B	11:15	—	NA	—	NA	—
May 7, 2013		11:02	7.12		17.34		7.17
May 15, 2013		10:28	7.21		15.83		6.69
May 21, 2013	A	10:34	7.70		18.18		6.16
May 21, 2013	B	10:34	—	NA	—	NA	—
June 4, 2013		10:26	7.25		23.63		5.29
June 12, 2013	A	10:43	6.81		19.96		7.11
June 12, 2013	B	10:43	—	NA	—	NA	—
June 19, 2013		10:43	7.40		21.28		6.89
June 26, 2013	A	11:05	7.41		23.57		6.01
June 26, 2013	B	11:05	—	NA	—	NA	—
July 11, 2013	A	10:21	7.32		24.36		4.75
July 11, 2013	B	10:21	—	NA	—	NA	—
July 30, 2013	A	11:06	7.25		23.86		5.95
July 30, 2013	B	11:06	—	NA	—	NA	—
August 15, 2013		10:34	7.49		23.30		7.20
August 21, 2013		11:34	7.32		23.79		4.35
September 11, 2013		10:48	7.19		22.74		4.75
September 17, 2013	A	11:04	7.37		19.63		5.34
September 17, 2013	B	11:04	—	NA	—	NA	—
September 24, 2013		10:44	7.44		18.54		6.68
October 2, 2013	A	10:41	7.47		19.30		7.03
October 2, 2013	B	10:41	—	NA	—	NA	—
November 20, 2013		11:04	7.89		7.87		10.57
December 4, 2013		11:18	7.37		5.11		10.49

2014							
January 16, 2014	A	11:04	7.10		3.49		13.67
January 16, 2014	B	11:04	—	NA	—	NA	—
March 10, 2014		11:22	7.71		4.36		12.71
April 9, 2014	A	10:59	8.13		9.33		11.41
April 9, 2014	B	10:59	—	NA	—	NA	—
May 7, 2014		10:53	7.76		15.23		11.39
May 12, 2014	A	10:52	7.78		17.69		9.98
May 12, 2014	B	10:52	—	NA	—	NA	—
May 28, 2014		10:58	7.16		18.62		6.66
June 17, 2014	A	10:56	7.27		21.39		5.34
June 17, 2014	B	10:56	—	NA	—	NA	—
June 25, 2014		10:57	7.44		23.01		7.35
July 9, 2014	A	11:03	7.36		24.55		5.64
July 9, 2014	B	11:03	—	NA	—	NA	—
July 30, 2014		10:40	7.43		23.36		6.60
August 14, 2014		10:49	7.15		22.47		4.21
August 26, 2014		11:16	7.64		22.76		5.75
September 9, 2014	A	11:15	7.32		21.94		4.80
September 9, 2014	B	11:15	—	NA	—	NA	—
October 2, 2014		10:40	7.24		19.81		6.80
November 20, 2014	A	10:55	7.42		4.50		7.10
November 20, 2014	B	10:55	—	NA	—	NA	—
December 4, 2014		10:49	7.33		5.65		13.37

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	92.2	0.8	3	4
	73.4	0.1	<1	48
[redacted]				
	106.1	8.7	3	11
	98.0	0.3	3	6
	53.1	5.0	2	24
	100.0	—	2	14
	159.8	—	1.5	20
	146.5	—	1	35
	—	—	2	20
	55.0	—	<1	147
	45.0	—	3	19
	73.9	—	1	36
	52.9	9.33	1	36
	86.5	2.86	1	22
	61.9	11.77	4	20
	66.3	3.01	3	14
	58.7	13.28	2.5	20
	58.1	2.43	2	8
	67.7	0.08	1	18
	78.9	12.92	2	33
	71.4	12.4	2	14
	74.0	5.4	3	16
	82.7	4.89	3	10
	91.8	0.13	1.5	18
[redacted]				
	113.8	2.50	3	62
	114.0	0.44	3	8
	91.6	6.44	1	14
	118.7	0.40	1	14
	95.0	10.31	2	9
	113.9	6.64	2.5	5
	98.2	7.22	5	4
	174.1	11.19	2	26
	98.7	20.23	2	20
	63.9	19.23	1.5	17
	46.0	6.09	1	22
	50.4	15.17	1.5	28
	86.6	16.45	3	10
	49.1	18.33	2.5	15
	47.3	19.36	2	19
	—	—	—	31
	—	—	—	14
	63.5	4.97	1	20
	53.4	21.59	2	19
	75.5	18.43	2	17

92.2	8.16	2	18
95.1	12.24	3	19
115.6	2.71	2	2
140.1	3.81	2	11
113.9	21.11	3	4
118.9	9.03	1	30
125.2	9.77	1	40
91.8	12.23	2	21
79.9	0.17	<1	22
75.4	5.75	2	12
85.9	8.55	2	16
99.4	7.23	2	16
62.5	0.77	—	15
70.8	11.65	—	24
84.3	4.39	—	14
54.0	6.87	—	14
50.5	16.88	2	26
59.3	15.97	3	14
54.7	10.02	3	14
71.8	5.85	2	27
79.8	15.04	2	20
65.5	5.69	2	12
93.3	17.65	3	14
77.9	7.48	2	11
78.1	8.14	3	6
81.6	1.06	1	26
82.8	0.11	2	8
85.4	4.20	3	18
100.3	9.86	4	10
82.6	0.09	1	16
82.3	11.65	1.5	24
114.9	1.86	1	15
126.0	0.54	2	8
78.1	10.18	1	32
71.4	6.49	3	13
70.5	12.39	3	15
68.4	20.41	2	56
57.1	18.37	3	26
65.3	19.19	5	10
—	—	—	20
77.9	10.05	3	14
—	—	—	6
81.7	12.52	2	18
—	—	—	15
87.3	8.48	4	8
98.2	2.39	2	15
—	—	—	16

	102.8		5.06	3	15	
	—		—	—	4	
	93.3		5.94	1	32	
	—		—	—	32	
	94.4		1.81	1	25	
	—		—	—	23	
	96.6		8.03	1	30	
	—		—	—	31	
	83.3		0.30	3	8	
	—		—	—	6	
	99.2		6.22	3	12	
	—		—	—	12	
	73.2		10.21	3	22	
	—		—	—	25	
	72.4		11.62	2	34	
	—		—	—	30	
	106.3		18.90	2	26	
	—		—	—	26	
	102.5		10.18	3	14	
	—		—	—	15	
	43.6		17.85	2	39	
	—		—	—	46	
	62.2		19.98	2	16	
	—		—	—	20	
	63.3		4.77	2	8	
	—		—	—	5	
	46.3		15.91	2	18	
	—		—	—	15	
	98.9		6.58	3	8	
	—		—	—	10	
	52.2		12.38	3	9	
	—		—	—	9	
	81.8		5.98	3	7	
	—		—	—	10	
	89.8		12.04	2	8	
	—		—	—	6	
	92.9		0.32	2	11	
	—		—	—	11	
	139.0		4.14	5	6	
	—		—	—	6	
NAPEFAI/EQF	—	NAPEFAI/EQF	12.18	2	19	J-QC/FFB
	—		—	—	20	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	0.14	1	159	J-QC/FFD/RPO
	—		—	—	113	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	11.35	1	27	
	—		—	—	25	
NAPEFAI/EQF	—	NAPEFAI/EQF	2.81	1	26	
	—		—	—	30	

	79.5		0.74		1		50	J-QC/FFB
	—		—		—		52	J-QC/FFB
	57.8		8.66		2		18	J-QC/FFB
	—		—		—		16	J-QC/FFB
	65.2		10.00		2		27	J-QC/FFB
	81.7		11.33		3		26	
	—		—		—		26	
	84.1		3.57		2		18	
	—		—		—		16	
	72.2		0.11		1		16	J-QC/FFD/RPO
	—		—		—		12	J-QC/FFD/RPO
	77.2		11.66		2		29	J-QC/FFD/RPO
	—		—		—		20	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	7.17		2		16	
	—		—		—		12	
NAPEFAI/EQF	—	NAPEFAI/EQF	3.66		2		12	J-QC/FLD/RPO
	—		—		—		12	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	3.84		2		20	
	—		—		—		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	16.04		3		14	
	—		—		—		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	16.87		3		22	
	—		—		—		17	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	>10	L	12	J-QC/FFD/RPO
	—		—		—		17	J-QC/FFD/RPO
	94.3		7.53		2		14	
[redacted]								
	96.2		0.11		<1	K	55	
	124.7		4.33		3		18	
	86.6		5.27		3		28	J-QC/FFB
	83.8		1.94		3		9	
	84.1		5.42		3		18	J-QC/FFD/RPO
	113.8		10.54		3		26	
	64.5		14.53		2		30	
NA	—	NA	—	NA	—	NA	36	
	101.4		10.08		2		30	
	53.2		6.68		2		20	J-QC/FFD/FLDRPO
	78.6		5.67		2		12	
	60.1		17.87		2		40	
	60.7		10.35		3		21	
	58.4		21.43		2		36	
NA	—	NA	—	NA	—	NA	38	
	73.9		8.55		2		23	
	86.5		—	NAPEFAI/EQF	3		38	
	84.9		19.69		2		86	J-QC/FLD/RPO
	79.6		13.98		3		40	
NA	—	NA	—	NA	—	NA	41	
	86.7		12.85		6		30	
	76.0		17.10		2		48	
NA	—	NA	—	NA	—	NA	52	

	74.0		4.66		2		78	
NA	—	NA	—	NA	—	NA	62	
	95.3		8.17		4		6	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	9	J-QC/FFD/RPO
	97.4		10.41		3		32	
[redacted]								
	102.7		8.13		4		24	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	13	J-QC/FFD/FLDRPO
	141.6		3.60		3		15	
NA	—	NA	—	NA	—	NA	13	
	102.2		0.18		2		19	
	100.2		4.08		3		6	
	78.9		2.45		3		19	J-QC/FLD/RPO
	90.9		6.37		3		26	
	88.8		0.18		2		14	
[redacted]	145.5	[redacted]	11.79		3		44	[redacted]
NA	—	NA	—	NA	—	NA	37	
	64.8		7.35		3		38	
NA	—	NA	—	NA	—	NA	36	
	71.9		4.96		2		15	
	78.4		11.52		1		26	
	67.1		7.49		3		18	
NA	—	NA	—	NA	—	NA	22	
	77.4		11.02		3		33	
	93.4		7.57		3		34	
NA	—	NA	—	NA	—	NA	30	
	69.7		0.18		2		7	
	75.9		0.20		2		14	
	78.4		1.91		3		7	
	95.2		0.68		4		4	
NA	—	NA	—	NA	—	NA	5	
	81.4		5.90		2		64	
	97.8		0.21		3		12	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	7	J-QC/FFD/RPO
	103.4		0.78		4		6	
[redacted]								
	92.9		10.31		3		51	
NA	—	NA	—	NA	—	NA	54	
	98.2		9.94		3		58	
	115.4		3.45		3		28	
	83.1		12.74		2		75	
	83.5		3.78		2		18	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	26	J-QC/FFD/RPO
	68.1		9.98		2		58	
	72.9		1.61		2		25	
NA	—	NA	—	NA	—	NA	24	
	74.1		4.12		2		16	
	45.3		8.31		3		63	
	50.1		0.51		1		28	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	20	J-QC/FFD/RPO

	55.6		9.24		4		27	
	53.1		3.66		4		14	
NA	—	NA	—	NA	—	NA	12	
	121.7		7.77		3		20	
	74.9		15.48		2		40	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	37	J-QC/FLD/RPO
	62.7		11.16		2		36	
	40.7		18.16		1		68	J-QC/FFB
	84.8		11.58		6		31	
NA	—	NA	—	NA	—	NA	30	
	83.5		16.92		1		64	
	76.5		7.04		3		28	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	23	J-QC/FLD/RPO
	75.7		19.06		3		32	
	89.6		19.28		3		34	
NA	—	NA	—	NA	—	NA	32	
	102.3		12.74		5		24	
[redacted]								
[redacted]	99.1	[redacted]	6.89		3		20	
NA	—	NA	—	NA	—	NA	22	
[redacted]	103.5	[redacted]	5.37		2		25	
[redacted]	104.3	[redacted]	1.32		2		4	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	4	J-QC/FFD/FLDRPO
[redacted]	105.4	[redacted]	1.51		2		12	
[redacted]	70.1	[redacted]	4.24		3		25	
NA	—	NA	—	NA	—	NA	31	
[redacted]	77.2	[redacted]	5.48		1		21	
[redacted]	71.3	[redacted]	8.19		2		22	
[redacted]	67.1	[redacted]	4.88		3		20	
NA	—	NA	—	NA	—	NA	19	
[redacted]	72.3	[redacted]	3.79		2		26	
[redacted]	77.4	[redacted]	0.12		3		12	
NA	—	NA	—	NA	—	NA	12	
[redacted]	77.9	[redacted]	0.57		2		23	
[redacted]	76.2	[redacted]	12.75		3.5		21	
NA	—	NA	—	NA	—	NA	21	
[redacted]	62.5	[redacted]	16.83		3		42	
NA	—	NA	—	NA	—	NA	42	
[redacted]	71.1	[redacted]	1.76		1		28	
NA	—	NA	—	NA	—	NA	26	
[redacted]	85.3	[redacted]	0.99		1		30	J-QC/FFB
[redacted]	56.5	[redacted]	16.78		1		114	
[redacted]	61.2	[redacted]	18.11		1		62	
[redacted]	63.1	[redacted]	23.39		3		67	
NA	—	NA	—	NA	—	NA	66	
[redacted]	77.7	[redacted]	14.42		1		35	
[redacted]	84.3	[redacted]	15.21		5		40	
NA	—	NA	—	NA	—	NA	42	
[redacted]	100.3	[redacted]	18.22		5		20	
[redacted]	90.9	[redacted]	15.02		3		66	

	104.7		2.54		1		15	J-QC
NA	—	NA	—	NA	—	NA	14	J-QC
	98.7		1.25		2		8	J-QC/FLD/RPO
	99.8		0.38		3		8	
NA	—	NA	—	NA	—	NA	10	
	114.8		0.76		4		8	J-QC/FFB
	106.1		2.17		1		14	J-QC/FFB/FLDRPO
NA	—	NA	—	NA	—	NA	17	J-QC/FFB/FLDRPO
	75.2		9.28		1		43	J-QC/FLD/RPO
	63.5		8.45		3		27	
NA	—	NA	—	NA	—	NA	33	
	89.1		6.27		2		22	
	71.2		8.77		1		40	
NA	—	NA	—	NA	—	NA	36	
	85.1		26.14		2		35	
	53.5		28.10		2		42	
	71.6		12.02		4		24	
	60.6		17.72		2		79	
NA	—	NA	—	NA	—	NA	73	
	79.5		11.14		1		16	J-QC
	56.6		4.87		1		19	
NA	—	NA	—	NA	—	NA	20	
	108.0		2.05		1		18	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.01	<2	<0.09	0.014
0.65	3	0.12	0.036
[redacted]			
—	9	<0.19	0.024
0.29	2	<0.19	0.016
1.38	2	<0.19	0.056
0.91	3	<0.19	0.041
1.20	12	<0.19	0.051
1.31	2	<0.19	0.065
2.82	<2	<0.19	0.045
3.66	<2	0.24	0.062
2.72	13	<0.19	0.064
2.57	4	<0.19	0.031
1.21	14	0.23	0.052
2.51	2	<0.19	0.029
3.10	5	<0.19	0.060
2.35	2	0.28	0.025
1.29	3	0.28	0.057
0.94	<2	<0.19	0.029
1.25	<2	<0.19	0.029
0.76	3	2.17	0.051
0.79	5	<0.19	0.055
0.81	<2	<0.19	0.029
0.65	6	<0.19	0.022
0.51	<2	<0.19	0.019
[redacted]			
0.98	2	<0.19	0.030
0.48	<2	<0.19	0.011
<1.00	<2	<0.19	0.027
0.99	<2	<0.19	0.023
1.01	<2	<0.19	0.036
0.96	<2	<0.19	0.034
1.03	<2	<0.27	0.066
1.75	<2	<0.27	0.053
1.19	<2	<0.27	0.051
1.58	<2	<0.27	0.049
0.88	5	0.30	0.039
1.62	<2	<0.27	0.060
1.92	7	<0.27	0.058
1.14	<2	<0.27	0.057
0.97	<2	<0.27	0.074
1.06	<2	<0.27	0.064
0.98	5	<0.27	0.069
1.31	<2	<0.27	0.041
0.80	6	<0.27	0.105
1.13	5	<0.27	0.112

0.93	<2	<0.27	0.050
0.63	<2	<0.27	0.030
<1.00	<2	<0.27	0.020
[redacted]			
0.83	8	<0.27	0.02
0.31	4	<0.27	0.018
0.73	5	<0.27	0.019
1.19	<2	<0.27	0.029
—	8	<0.295	0.034
1.48	4	<0.295	0.021
1.60	5	<0.295	0.040
0.92	—	<0.295	0.049
0.57	3	<0.295	0.029
1.09	—	<0.295	0.040
0.88	—	<0.295	0.032
0.69	—	<0.295	0.021
0.87	<2	<0.295	0.033
2.02	3	<0.295	0.039
1.46	<2	<0.295	0.045
1.58	<2	<0.295	0.056
<1.00	—	<0.295	0.041
0.70	<2	<0.295	—
0.93	—	<0.295	0.036
0.70	—	<0.295	0.069
<1.00	—	<0.295	0.033
0.68	<2	0.72	0.029
0.87	<2	<0.295	0.013
1.12	<2	<0.295	0.012
0.76	<2	<0.295	0.018
0.67	<2	<0.295	0.024
[redacted]			
1.04	<2	<0.295	0.025
0.51	<2	<0.295	0.021
0.68	<2	0.254	0.016
0.66	<2	0.143	0.010
0.80	<2	0.310	0.033
0.99	3	0.125	0.026
0.59	<2	0.073	0.061
1.13	<2	0.253	0.076
0.72	<2	0.261	0.097
0.90	<2	0.249	0.089
1.03	<2	0.223	0.092
0.79	<2	0.184	0.052
0.96	<2	0.210	0.054
0.83	<2	0.296	0.057
0.76	<2	0.308	0.058
0.67	<2	0.319	0.024
0.88	<2	0.121	0.014
0.85	<2	0.134	0.014

0.77		<2		0.065	J-R	0.015
0.89		<2		0.245		0.016
1.54		<2		0.202		0.017
1.65		<2		0.220		0.017
1.70		<2		0.242		0.019
1.65		<2		0.234		0.020
0.88		<2		0.060		0.025
0.73		<2		0.072		0.025
0.65		<2		0.111		0.035
0.46		<2		0.111		0.035
1.11		3		0.149		0.028
1.16		3		0.153		0.029
0.73		<2		0.055		0.039
1.22		<2		0.060		0.038
1.04		<2		0.036		0.029
1.17		<2		0.027	J-R	0.031
<0.30		<2		<0.017		0.026
0.43		<2		<0.017		0.033
1.05		<2		0.162		0.037
1.10		<2		0.149		0.040
0.50		3		0.307		0.072
0.47		3		0.293		0.072
0.51		<2		0.221		0.055
<0.30		<2		0.221		0.056
0.99		—		0.221		0.027
1.01		—		0.208		0.026
1.39		<2		0.364		0.071
1.01		<2		0.369		0.072
1.16		<2		0.115		0.038
1.11		<2		0.101		0.038
1.00		<2		0.350		0.042
1.01		<2		0.369		0.043
0.78		<2		0.093		0.023
0.83		<2		0.103		0.020
0.78		<2		0.696		0.022
1.05		<2		0.721		0.024
1.20	BJ-QC/FBK/FFB	4	J-QC/FFB/FLS	0.143	J-QC/FMS	0.014
1.15	BJ-QC/FBK/FFB	4	J-QC/FFB/FLS	—	NAPQNS	0.014
1.53	BJ-QC/FBK/FFB	<2	K	0.097	J-QC/FFB	0.023
1.49	BJ-QC/FBK/FFB	<2	K	0.112	J-QC/FFB	0.021
1.91	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.177		0.034
1.71	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.167		0.034
1.80	BJ-QC/FBK/FFB	<2	K	0.188		0.041
2.06	BJ-QC/FBK/FFB	<2	K	0.167		0.042
1.24	BJ-QC/FBK/FFB	<2	K	0.318		0.053
1.23	BJ-QC/FBK/FFB	<2	K	0.292		0.054
1.79	J-QC/FLS	<2	KJ-QC/FLS	0.136		0.025
1.87	J-QC/FLS	<2	KJ-QC/FLS	0.115		0.027

1.43	J-QC/FFB	<2	K	0.136		0.023
1.39	J-QC/FFB	<2	K	0.115		0.023
1.89	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.204		0.043
1.86	BJ-QC/FBK/FFBFLDRPOFLS	—	NAPQNS	0.214		0.044
0.98	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.148		0.034
0.81	BJ-QC/FBK/FLS	<2	K	<0.018	K	0.023
0.88	B/FBK	<2	K	<0.018	K	0.025
1.34	BJ-QC/FBK/FFB	<2	K	0.031	J-R	0.022
1.30	BJ-QC/FBK/FFBFLS	<2	K	0.036		0.023
1.42	BJ-QC/FBK/FFBFLDRPO	<2	K	0.097		0.011
1.48	BJ-QC/FBK/FFBFLDRPO	<2	K	0.102		0.011
1.47	B/FBK	<2	K	0.117		0.040
1.32	B/FBK	<2	K	0.127		0.039
1.39	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.026
1.44	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.026
1.37	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.022
1.33	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.022
2.10	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	<0.018	K	0.026
1.98	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	<0.018	K	0.026
1.15	J-QCJ-HT/FLS/EHT	<2	KJ-QC/FFD/RPOFLS	0.097		0.059
1.05	J-QCJ-HT/FLS/EHT	4	J-QC/FFD/RPOFLS	0.081		0.060
0.60	BJ-QC/FBK/FFBFFDRPO	—	NRP	0.153	J-HT/EHT	0.045
0.85	BJ-QC/FBK/FFBFFDRPO	—	NRP	0.158	J-HT/EHT	0.050
1.16	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.213		0.052
1.15	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.198		0.050
1.51	BJ-QC/FBK/FFBFLS	<2	K	0.107	J-QC/FFB/FSL	0.016
[redacted]						
1.33	BJ-QC/FBK/FFBFLS	<2	K	0.050		0.0372
1.31	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.086		0.0238
1.60	BJ-QC/FBK/FFBFLS	<2	K	0.126		0.0295
1.72	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	0.055		0.0183
1.80	BJ-QC/FBK/FFBFLS	<2	K	0.156	J-QC/FFB	0.0318
1.51	BJ-QCJ-HT/FBK/FFBEHT	5		<0.0175	K	0.0266
1.28	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.186		0.0375
1.61	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.186		0.0398
1.66	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.161		0.0346
1.77	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.297		0.0466
2.12	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	KJ-QC/FSL	0.0350
1.05	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.246		0.0584
1.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.189		0.0381
0.58	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.121		0.0507
0.65	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.147		0.0497
1.71	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FLS	0.309		0.0304
0.82	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	4	J-QC/FLS	0.031	J-R	0.0724
0.73	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.105	J-QC/FFD/RPOFMS	0.0335
1.70	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.073		0.0259
1.70	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.063		0.0346
1.56	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	0.026	J-R	0.0170
0.97	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.126		0.0512
1.34	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.131		0.0504

1.16	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.131		0.0296
1.63	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.121		0.0293
1.47	BJ-QC/FBK/FLSEHT	<2	K	0.116		0.0226
1.67	BJ-QC/FBK/FLSEHT	<2	K	0.106		0.0223
1.73	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.126		0.0275
[redacted]						
1.40	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FFB	0.161		0.0276
0.70	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FFB	0.156		0.0272
1.24	BJ-QC/FBK/FFBFLS	3	J-QC/FFD/RPOFLS	0.178		0.0159
1.19	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	0.167		0.0152
1.30	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.063		0.0200
1.57	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.162		0.0150
1.79	BJ-QC/FBK/FFBFLS	<2	K	0.142		0.0183
1.67	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.174		0.0187
1.42	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.093		0.0210
0.87	BJ-QCJ-HT/FBK/FFBEHT	5		0.038	J-RJ-QC/FFD/RPO	0.0177
0.71	BJ-QCJ-HT/FBK/FFBEHT	4		<0.0293	KJ-QC/FFD/RPO	0.0189
1.12	BJ-QC/FBK/FFBFLS	<2	K	0.065	J-QC/FSL	0.0256
1.13	BJ-QC/FBK/FFBFLS	<2	K	0.076	J-QC/FSL	0.0264
1.82	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FFD/RPO	0.185	J-QC/FFD/RPO	0.0310
1.95	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FLS	0.128		0.0365
1.41	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.234	J-QC/FFD/RPO	0.0312
1.40	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.170	J-QC/FFD/RPO	0.0304
1.51	BJ-QCJ-HT/FBK/FFBFLSEHT	5	J-QC/FFD/RPO	0.250		0.0381
1.87	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.234		0.0357
2.19	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.256		0.0353
1.87	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.191		0.0522
1.52	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.114	J-QC/FFB	0.0143
0.43	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.330		0.0218
1.19	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.159		0.0132
1.32	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.149		0.0169
2.11	BJ-QC/FBK/FFBFLS	<2	K	0.118		0.0192
2.95	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.067	J-QC/FFB	<0.0014
2.63	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.067	J-QC/FFB	—
1.41	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.042 J	J-RJ-QC/FSL	0.0197
[redacted]						
1.43	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.287		0.0287
1.36	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.303		0.0289
1.46	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.893		0.0266
1.67	BJ-QC/FBK/FFBFLS	<2	K	0.131	J-QC/FMS	0.0169
1.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.157	J-QC/FFB	0.0415
1.53	BJ-QC/FBK/FFBFLS	3		0.183		0.0330
1.62	BJ-QC/FBK/FFBFLS	3		0.194		0.0357
1.98	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.356	J-QC/FMS	0.0454
2.23	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.157	J-QC/FMS	0.0303
1.89	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.146	J-QC/FMS	0.0287
1.82	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.199		0.0319
0.54	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.047	J-R	0.0343
1.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.178	J-QC/FMS	0.0197
1.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.167	J-QC/FMS	0.0192

1.36	BJ-QC/FBK/FFBFLS	3	J-QC/FFB	0.225	J-QC/FFD/RPO	0.0276
1.11	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.110	J-QC/FMS	0.0185
1.22	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.099	J-QC/FMS	0.0192
1.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FMS	0.0330
0.67	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	0.169	J-QC/FMS	0.0570
0.74	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	0.174	J-QC/FMS	0.0566
1.92	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.100	J-QC/FMS	0.0315
0.49	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FFD/RPO	0.380		0.0817
1.38	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	<0.0378	KJ-QC/FSL	0.0870
1.84	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	<0.0378	KJ-QC/FSL	0.0899
0.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.058	J-R	0.0966
1.19	BJ-QC/FBK/FFBFLS	<2	K	0.121	J-QC/FMS	0.0507
1.40	BJ-QC/FBK/FFBFLS	<2	K	0.111	J-QC/FMS	0.0529
0.71	BJ-QC/FBK/FFB	<2	K	0.242		0.0987
—	NA	—	NRP	<0.0378	K	0.0527
—	NA	—	NRP	<0.0378	K	0.0530
—	NA	<2	KJ-QC/FLS	0.213	J-QC/FMS	0.0434
[redacted]						
—	NA	<2	KJ-QC/FMS	0.250	J-QC/LLS/FMS	0.0193
—	NA	<2	KJ-QC/FMS	0.234	J-QC/LLS/FMS	0.0191
—	NA	<2	KJ-QC/FMS	0.160	J/LLS	0.0151
—	NA	<2	KJ-QC/FMS	0.063	J-QC/LLS/FSLFMS	0.0167
—	NA	<2	KJ-QC/FMS	0.051	J-QC/LLS/FSLFMS	0.0172
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.051	J/LLS	0.0166
—	NA	<2	K	0.284	J/LLS	0.0391
—	NA	<2	K	0.301	J/LLS	0.0371
—	NA	<2	KJ-QC/FMS	0.233	J/LLS	0.0380
1.45	BJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	0.136	J-QC/LLS/FSLFMS	0.0312
1.78	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.267	J-QC/LLS/FMS	0.0383
1.75	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.255	J-QC/LLS/FMS	0.0383
2.00	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.131	J-QC/LLS/FSLFMS	0.0385
1.93	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.165	J-QC/LLS/FSL	0.0178
1.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.193	J-QC/LLS/FSL	0.0163
1.80	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.125	J-QC/LLS/FMS	0.0160
1.68	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.318	J/LLS	0.0331
1.30	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.301	J/LLS	0.0328
1.75	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FMS	<0.0911	KJ-QC/FMS	0.0307
1.66	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FMS	<0.0911	KJ-QC/FMS	0.0304
1.65	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FMS	<0.0911	K	0.0276
1.83	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FMS	<0.0911	K	0.0259
0.97	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0235
2.25	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0395
1.43	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.374	J/LLS	0.0704
1.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.325	J/LLS	0.0555
1.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.325	J/LLS	0.0532
1.32	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.567		0.0593
1.16	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FSL	0.0457
1.20	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FSL	0.0485
1.26	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.261	J/LLS	0.0490
1.58	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.321	J/LLS	0.0400

1.68	BJ-QC/FBK/FFBFMS	<2	K	0.277	J-QC/LLS/FFB	0.0167
1.56	BJ-QC/FBK/FFBFMS	<2	K	0.316	J-QC/LLS/FFB	0.0165
1.64	BJ-QC/FBK/FFBFMS	<2	K	0.163	J/LLS	0.0509
1.69	BJ-QC/FBK/FFBFMS	<2	K	0.068	J/LLS	0.0357
1.70	BJ-QC/FBK/FFBFMS	<2	K	0.114	J/LLS	0.0347
1.24	BJ-QC/FBK/FFBFMS	<2	K	0.136	J-QC/LLS/FFB	0.0107
1.66	BJ-QC/FBK/FFBFLDRPO	<2	K	0.119	J/LLS	0.0141
1.59	BJ-QC/FBK/FFBFLDRPO	<2	K	0.142	J/LLS	0.0136
1.70	BJ-QC/FBK/FFBFLDRPO	<2	K	0.358	J-QC/LLS/FSL	0.0317
2.08	BJ-QC/FBK/FFBFMS	<2	K	0.210	J/LLS	0.0380
1.90	BJ-QC/FBK/FFBFMS	<2	K	0.256	J/LLS	0.0379
1.51	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	0.111	J/LLS	0.0273
1.96	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0327
1.85	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0330
1.20	BJ-QCJ-HT/FBK/FFBFLDRPO	4		0.084	J-QC/LLS/FSLFMS	0.0398
1.54	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0543
1.19	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0410
0.71	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FMS	0.0567
0.78	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FMS	0.0554
1.73	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.181	J/LLS	0.0329
1.26	BJ-QC/FBK/FFBFMS	<2	K	0.052	J-R/LLS	0.0235
1.24	BJ-QC/FBK/FFBFMS	<2	K	0.036	J-R/LLS	0.0267
1.41	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC	0.0143

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	2.06	0.133	0.19	0.77
	1.73	0.211	0.21	2.81
[redacted]				
	1.53	0.119	0.07	20.3
	0.60	0.143	0.09	7.8
	1.44	0.230	0.22	5.8
	1.91	0.184	0.17	45.6
	0.89	—	0.12	90.6
	0.67	0.694	0.30	163.0
	1.24	0.237	0.11	23.2
	1.22	0.316	0.14	5.6
	1.53	0.224	0.20	5.68
	1.41	0.249	0.23	<0.5
	0.96	0.254	0.23	7.13
	1.27	0.155	0.14	4.65
	0.95	0.167	0.18	10.0
	1.35	0.213	0.20	4.86
	0.93	0.195	0.20	5.74
	1.49	0.238	0.28	3.07
	1.15	0.211	0.25	2.43
	1.11	0.234	0.25	2.85
	1.08	0.217	0.16	1.22
	1.42	0.147	0.16	1.43
	1.80	0.200	0.14	2.95
	1.72	0.161	0.18	0.47
[redacted]				
	1.62	0.217	0.20	8.71
	1.44	0.103	0.14	3.73
	1.16	0.139	0.16	7.64
	1.38	0.190	0.13	13.93
	0.97	0.126	0.13	4.74
	1.59	0.125	0.12	13.93
	1.45	0.138	0.12	—
	0.94	0.337	0.13	—
	0.52	0.158	0.16	—
	0.70	0.292	0.18	—
	0.84	0.205	0.21	—
	0.74	0.214	0.22	—
	1.04	0.228	0.17	—
	0.72	0.215	0.19	—
	0.73	0.194	0.21	—
	1.06	0.213	0.17	—
	0.78	0.204	0.18	—
	1.24	0.292	0.35	—
	0.98	0.326	0.25	—
	1.13	0.217	0.19	—

1.26	0.167	0.23	—
2.01	0.130	0.13	—
1.78	0.110	0.12	—
[redacted]			
1.61	0.11	0.10	—
1.91	0.086	0.07	—
1.65	0.148	0.20	—
1.14	0.158	0.20	—
1.00	0.111	0.17	—
1.18	0.224	0.18	—
1.06	0.219	0.18	—
1.65	0.197	—	—
1.72	0.132	0.09	—
2.00	0.264	—	—
0.78	0.180	—	—
1.17	0.190	—	—
1.15	0.182	0.20	—
0.63	0.240	0.22	—
0.78	0.355	0.21	—
1.34	0.172	0.22	—
1.08	0.178	0.12	—
1.32	0.141	0.16	—
1.32	0.169	0.18	—
1.32	0.166	0.14	—
0.81	0.234	0.24	—
1.00	0.092	0.14	—
1.32	0.079	0.15	—
1.48	0.246	0.13	—
1.16	0.118	0.12	—
1.48	0.140	0.15	—
[redacted]			
1.21	0.169	0.31	3.8
1.66	0.114	0.19	3.3
1.33	0.101	0.10	6.7
1.070	0.088	0.07	34.0
0.889	0.167	0.11	6.8
1.23	0.199	0.18	7.0
1.28	0.191	0.15	4.9
1.28	0.26	0.19	5.4
0.969	0.22	0.13	5.3
1.00	0.17	0.16	12.9
1.01	0.21	0.16	12.4
1.24	0.19	0.15	<3.0
1.22	0.17	0.02	<3.0
0.481	0.21	0.18	4.0
0.555	0.23	0.15	4.1
0.381	0.17	0.14	<3.0
1.87	0.43	0.12	<3.0
1.95	0.49	0.12	<3.0

	1.91		0.13		0.11	<1.1	
	1.99		0.11		0.13	<1.1	
	1.14		0.18		0.10	1.7	J-R
	1.28		0.14		0.09	1.9	J-R
	1.18		0.15		0.16	2.4	J-R
	1.30		0.17		0.18	2.4	J-R
	0.851		0.12		0.13	4.9	
	0.918		0.08		0.11	4.8	
	1.36		0.22		0.10	<2.4	
	1.31		0.21		0.09	<2.4	
	1.25		0.15		0.14	20.2	
	1.31		0.07		0.12	19.3	
	1.17		0.15		0.10	6.8	
	1.18		0.12		0.08	11.5	
	1.32		0.19		0.14	5.2	
	1.32		0.16		0.12	5.3	
	1.49		0.14		0.11	25.1	
	1.29		0.12		0.11	24.7	
	1.52		0.24		0.17	40.0	
	1.58		0.26		0.18	38.8	
	0.664		0.22		0.19	4.5	J-R
	0.636		0.18		0.14	4.5	J-R
	0.334		0.19		0.18	7.3	
	0.283		0.18		0.16	7.4	
	1.18		0.18		0.18	<2.4	
	1.22		0.16		0.16	<2.4	
	0.386		0.19		0.18	4.5	J-R
	0.608		0.19		0.18	4.5	J-R
	0.844		0.17		0.19	<2.4	
	0.828		0.16		0.18	<2.4	
	1.49		0.18		0.17	<2.4	
	1.42		0.16		0.16	<2.4	
	1.03		0.17		0.16	4.3	J-R
	1.04		0.17		0.15	4.4	J-R
	1.56		0.13		0.12	4.2	J-R
	1.57		0.12		0.12	4.1	J-R
J-QC/FFB	1.81		0.11		0.12	3.4	J-R
J-QC/FFB	1.87		0.11		0.10	3.4	J-R
	1.55	J-QC/FFB	0.10		0.09	3.6	J-R
	1.50	J-QC/FFB	0.09		0.08	3.7	J-R
	0.830		0.19		0.16	4.0	J-R
	0.919		0.16		0.10	3.9	J-R
	0.951		0.18		0.19	6.1	J-QC/FFD/RPO
	0.963		0.15		0.17	15.2	J-QC/FFD/RPO
	1.06	J-QC/FFB	0.17		0.11	1.1	J-R
	1.23	J-QC/FFB	0.14		0.21	1.1	J-R
	2.08		0.17		0.17	0.7	J-R
	1.92		0.18		0.14	0.7	J-R

J-QC/FFD/RPO
J-QC/FFD/RPO
J-QC/FFB/FFDRPO
J-QC/FFB/FFDRPO

	1.11	J-QC/FFB	0.14	J-QC/FFD/RPO	0.15		4.5	
	1.13	J-QC/FFB	0.26	J-QC/FFD/RPO	0.14		4.6	
	0.907		0.15		0.13		3.4	
	0.903		0.13		0.15		3.4	
	0.861		0.15		0.13		2.3	
J-HT/EHT	1.69		0.14	J-QC/FFD/RPO	0.12		13.5	
J-HT/EHT	1.72		0.07	J-QC/FFD/RPO	0.11		13.9	
	1.04		0.14	J-QC/FFB/FFDRPO	0.14		10.6	
	1.05		0.26	J-QC/FFB/FFDRPO	0.13		12.3	
	0.883	J-QC/FFB	0.16		0.15		1.7	J-R
	0.914	J-QC/FFB	0.14		0.13		1.8	J-R
J-QC/FFB	0.891		0.16	J-QC/FFB	0.16		7.1	
J-QC/FFB	0.825		0.19	J-QC/FFB	0.17		5.9	
J-QC/FFB	1.31		0.18		0.15		5.4	
J-QC/FFB	1.30		0.16		0.13		5.0	
	1.49	J-QC/FFB	—	NAP	—	NAP	3.1	
	1.39	J-QC/FFB	—	NAP	—	NAP	3.2	
	1.64		0.09		0.20		4.6	J-QC/FFD/RPO
	1.58		0.09		0.20		3.3	J-QC/FFD/RPO
	1.19		0.15		<0.05	K	11.5	
	1.29		0.16		<0.05	K	14.0	
J-HT/EHT	1.33	J-QCJ-HT/FFB/EHT	0.14	J-QC/FFD/RPO	0.15	J-QC/FFD/RPO	2.4	
J-HT/EHT	1.43	J-QCJ-HT/FFB/EHT	0.10	J-QC/FFD/RPO	0.11	J-QC/FFD/RPO	2.3	
J-QC/FFB	1.12	J-QC/FFB	0.16		0.12		2.5	
J-QC/FFB	1.14	J-QC/FFB	0.15		0.12		2.5	
J-QC/FFB	1.56		0.11		0.11		2.2	
[redacted]								
	0.974		0.17		0.06		6.3	
	1.17	J-QC/FFB	0.11		0.09		2.5	
	1.45		0.16		0.14		4.3	J-QC/FFD/RPO
	1.33		0.15		0.13		3.9	J-QC/FFD/RPO
	1.26		0.14		0.13	J-QC/FFD/FLDRPO	3.8	
	1.10	J-QC/FLS	0.14		0.06		78.8	J-QC/FSL
J-QC/FFB	1.10		0.15	J-QC/FFB	0.12		5.7	J-QC/FFD/RPO
J-QC/FFB	0.928		0.14	J-QC/FFB	0.11		9.0	J-QC/FFD/RPO
	0.889		0.28	J-QC/FFB	0.26	J-QC/FFB/FFDRPO	18.9	
	1.02		0.30		0.21		16.7	J-QC/FFD/RPO
	1.12		0.16		0.13	J-QC/FLD/RPOFLS	6.5	J-QC/FSL
	0.6584		0.22		0.18		7.8	
	1.89		0.25		0.20		14.7	
J-QC/FFB	0.354		0.22		0.19		11.3	
J-QC/FFB	0.377		0.19		0.16		9.4	
	1.24		0.27		0.23		6.6	
	0.872		0.22		0.19		12.6	J-QC/FFD/RPO
	0.601		0.24	J-QC/FFB	0.18		10.9	
	1.10		0.18	J-QC/FLS	0.16		12.6	
	1.02		0.17	J-QC/FLS	0.14		12.9	
	1.07	J-QC/FFD/RPO	0.21		0.17		13.0	
	0.883		0.27		0.21		16.4	J-QC/FFD/RPO
	0.835		0.24		0.18		11.6	J-QC/FFD/RPO

	1.46		0.29	J-QC/FFD/RPO	0.15		5.6	
	1.60		0.43	J-QC/FFD/RPO	0.15		6.5	
J-QC/FFB	1.92		0.16	J-QC/FFB	0.13		6.6	
J-QC/FFB	1.90		0.17	J-QC/FFB	0.13		4.9	
	1.73		0.16		0.13		10.5	
[redacted]								
J-QC/FFB	2.0500		0.11		0.09		3.1	
J-QC/FFB	1.9900		0.09		0.10		4.1	
	1.9900	J-QC/FLS	0.12		0.10	J-QC/FLS	14.0	
	1.9000	J-QC/FLS	0.10		0.10	J-QC/FLS	11.8	
	1.3493		0.15	J-QC/FFB/FFDRPO	0.15		2.0 J	
	1.3777		0.12	J-QC/FFB	0.08		9.6	J-QC/FFD/RPO
J-QC/FFB	1.1993		0.13		0.12		4.9	
	0.9910	J-QC/FFB/FFDRPO	0.11		0.08	J-QC/FFD/RPO	6.9	
J-QC/FFD/RPO	0.8281		0.13		0.11		2.7	
J-QC/FFB	0.4195	[redacted]	0.14	J-QC/FFB	0.07	[redacted]	40.4	[redacted]
J-QC/FFB	0.4145		0.14	J-QC/FFB	0.06		32.6	
J-QC/FFB	1.0400	J-QC/FFB/FLS	0.13		0.11		—	A/LBF
J-QC/FFB	1.0100	J-QC/FFB/FLS	0.15		0.13		—	A/LBF
	1.2650		0.16	J-QC/FLD/RPO	0.14	J-QC/FFB	15.2	
J-QC/FFB	0.9522		0.27		0.20		55.6	
J-QC/FFB	0.7433		0.17		0.12		22.8	
J-QC/FFB	0.7352		0.13		0.11		18.2	
J-QC/FFB	0.8123	J-QC/FFD/RPO	0.22		0.19		26.4	
	1.1083	J-QC/FFB	0.27	J-QC/FFB	0.23		20.9	
	1.0786	J-QC/FFB	0.25	J-QC/FFB	0.20		21.2	
	0.9777		0.15		0.13		3.9	J-QC/FFD/RPO
	0.7916	J-QC/FFB	0.19		0.16	J-QC/FFB	3.8	
	1.2781	J-QC/FFD/RPO	0.11		0.10	J-QC/FFB/FFDRPO	4.29	
	1.7156		0.07		0.09		87.6	
	1.6122		0.07		0.09		70.3	
	1.2765		0.15	J-QC/FFB	0.07		4.47	
K	1.0367		0.13		0.11		2.82	
A/LBF	1.3259		0.12		0.10		2.35	
J-QC/FFB	1.9575		0.09		0.09		<0.913	KJ-QC/FFD/RPO
[redacted]								
J-QC/FFB	1.5866		0.08	J-QC/FFB	0.07		4.61	
J-QC/FFB	1.5405		0.09	J-QC/FFB	0.08		4.70	
J-QC/FFB	1.8087	J-QC/FFB	0.09		0.08		56.3	
	1.5904	J-QC/FFB	0.11		0.07		13.1	J-QC/FSL
J-QC/FFB	1.5551	J-QC/FFB	0.15		0.12		7.80	J-QC/FSL
J-QC/FFB	1.8554		0.16		0.11		4.26	
J-QC/FFB	1.7705		0.15		0.11		3.62	
J-QC/FFB	1.0021		0.13	J-QC/FFD/RPO	0.11		5.04	
J-QC/FFB	1.2535		0.16		0.14		10.4	
J-QC/FFB	1.2340		0.16		0.14		10.3	
J-QC/FFB	1.4573		0.16		0.13		6.15	
J-QCJ-HT/FFB/EHT	0.4774		0.10		0.05	J-QC/FFD/RPO	3.74	
J-QC/FFB	1.2229		0.17		0.14		13.3	
J-QC/FFB	1.3241		0.16		0.13		14.5	

	1.0779	J-HT/EHT	0.16		0.10		40.8		
	1.5421	J-QC/FLS	0.14		0.13		12.4		
	1.4333	J-QC/FLS	0.14		0.11		12.2		
J-QC/FFB	1.5511		0.16	J-QC/FFD/RPO	0.16		56.3	J-QC/FSL	
	0.7536		0.19		0.19		6.65	J-QC/FFD/RPO	
	0.6202		0.17		0.15		10.6	J-QC/FFD/RPO	
	1.0470		0.25		0.18		4.49	J-QC/FFD/RPO	
J-QC/FFB	0.7596	J-QC/FFD/RPO	0.20		0.20		7.85	J-QC/FSL	
	1.3548		0.20		0.17		12.5		
	1.3608		0.17		0.16		9.64		
J-QC/FFB	1.1903		0.19		0.18		20.3	J-QC/FSL	
J-QC/FFB	1.7257		0.23		0.21		9.11	J-QC/FSL	
J-QC/FFB	1.6396		0.20		0.16		8.78	J-QC/FSL	
J-QC/FFB	1.3484		0.23		0.18		3.82	J-QC/FFD/RPO	
J-QC/FFB	1.4502		0.15		0.11		5.96		
J-QC/FFB	1.4386		0.15		0.11		7.87		
J-QCJ-HT/FFB/EHT	1.5949	J-QC/FFB/FFDRPO	0.17		0.12		7.93	J-QC/FFD/RPO	
[redacted]									
	1.4867		0.08		0.07	J-QC/FLD/RPO	1.28	J/LLS	
	1.5277		0.10		0.07	J-QC/FLD/RPO	1.25	J/LLS	
J-QC/FFB	1.6683	J-HT/EHT	0.12	J-QC	0.10	J-QC	4.94		
J-QC/FFB	1.6008	J-QC/FFB	0.10	J-QC	0.08	J-QC	8.81	J-QC/FSL	
J-QC/FFB	1.5864	J-QC/FFB	0.12	J-QC	0.08	J-QC	10.1	J-QC/FSL	
J-QC/FFB	1.7925		0.11		0.09	I-QC/FFB/FFDFLDRPC	3.72	J-QC/FFB	
J-QC/FFB	1.4495		0.15	J-QC/FFD/RPO	0.23	J-QC	7.52		
J-QC/FFB	1.3102		0.27	J-QC/FFD/RPO	0.18	J-QC	5.77		
J-QC/FFB	1.6866	J-QC/FFB	0.21		0.17	J-QC	7.68	J-QC/FFD/RPO	
	0.8927		0.15		0.13		0.989	J-QC/LLS/FFB	
J-QC/FFB	1.3475		0.19		0.14		1.39	J-QC/LLS/FFB	
J-QC/FFB	1.2173		0.19		0.14		1.80	J-QC/LLS/FFB	
	1.3028		0.06		0.16		7.55		
J-QC/FFB	1.0706		0.12	J-QC/FLD/RPO	0.13		1.01	QC/LLS/FFBFFDRF	
J-QC/FFB	0.9273		0.12	J-QC/FLD/RPO	0.12		1.47	QC/LLS/FFBFFDRF	
J-QC/FFD/RPO	1.3264		0.13		0.12	J-QC	1.30	J-QC/LLS/FFDRPO	
	0.5281		0.17		0.11		10.7	J-QC/FFD/RPO	
	0.7034		0.16		0.10		1.10	J-QC/LLS/FFDRPO	
	0.6874		0.15	J-QC	0.13	J-QC	21.3	J-QC/FFB/FFDRPC	
	0.6743		0.14	J-QC	0.13	J-QC	14.5	J-QC/FFB/FFDRPC	
	1.0299		0.19		0.17		5.25		
	0.9658		0.18		0.16		5.88		
J-QC/FFD/RPO	1.3744		0.21	J-QC/FLD/RPO	0.19	J-QC/FLD/RPO	9.50	J-QC/FFB	
	0.8691	J-QC/FFB/FLS	0.18		0.16		9.30		
J-QC/FFB/FFDRPO	0.8823	J-QC/FFB/FFDRPO	0.23	J-QC/FFD/RPO	0.20	J-QC/FFD/RPO	8.47	J-QC/FFB/FFDRPC	
	1.1994		0.48	J-QC/FFD/RPO	0.33	J-QC/FFD/RPOFMS	25.6	J-QC/FFD/RPO	
	1.1763		0.17	J-QC/FFD/RPO	0.13	J-QC/FFD/RPOFMS	36.2	J-QC/FFD/RPO	
	1.1696		0.18		0.16		5.27	J-QC/FFB	
J-QC/FFB	1.1605		0.19	J-QC	0.18	J-QC	3.98	J-QC/FFB	
J-QC/FFB	1.0805		0.20	J-QC	0.16	J-QC	3.72	J-QC/FFB	
J-QC/FFB	1.7076	J-QC/FLS	0.23	J-QC	0.19	J-QC	<0.231	K	
	1.0731		0.18		0.14		4.05		

J-QC/FFB	1.6064	J-QC/FLS	0.13		0.10		1.14	J/LLS
J-QC/FFB	1.5043	J-QC/FLS	0.11		0.11		1.26	J/LLS
	1.5037		0.13		0.08		2.79	
J-QC/FFB	1.1607	J-QC/FLS	0.10		0.08		3.09	
J-QC/FFB	1.1672	J-QC/FLS	0.09		0.08		3.38	
	1.3701		0.08	J-QC/FFB	0.07	J-QC/FFB	1.65	J/LLS
J-QC/FFB	1.2315	J-QCJ-HT	0.10		0.08		5.36	
J-QC/FFB	1.2118	J-QCJ-HT	0.08		0.07		4.79	
	0.9306		0.10		0.09	J-QC/FFB	9.93	
J-QC/FFB	0.7993		0.14	J-QC/FMS	0.07		15.3	
J-QC/FFB	0.6875		0.14	J-QC/FMS	0.06		13.4	
J-QC/FFB	1.4227		0.11		0.13		10.8	
J-QCJ-HT/FFB	1.3203	J-QC/FLS	0.15	J-QC/FFB	0.10		12.0	
J-QCJ-HT/FFB	1.0260	J-QC/FLS	0.14	J-QC/FFB	0.09		10.0	
	0.6563	J-QC/FLS	0.15		0.10		21.3	
	0.7911		0.13		0.10		13.2	
J-QC/FFB	0.9861		0.17		0.13		30.0	
J-QC/FFB	0.8483		0.16		0.13		16.1	
J-QC/FFB	0.8974		0.15		0.13		18.1	
J-QC/FFB	1.7876		0.20		0.16		6.97	
J-QC/FFB	1.6762		0.15		0.13		13.1	J-QC
J-QC/FFB	1.6698		0.14		0.11		11.4	J-QC
J-QC	1.9037		0.22		0.15		1.78	J/LLS

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
<0.5	0.00	0.00
4.6	0.00	0.36
[redacted]		
14.0	0.00	0.00
4.9	1.09	1.53
5.2	0.09	0.09
5.2	0.00	0.00
11.2	0.18	0.18
8.9	0.00	0.00
0.8	0.00	0.00
8.2	0.00	0.00
3.3	0.00	0.00
7.9	0.00	0.09
5.4	0.00	0.00
9.4	0.00	0.39
7.3	0.00	0.00
5.0	0.00	0.00
<0.5	0.00	0.00
6.2	0.00	0.00
6.1	0.08	0.61
0.8	0.00	0.00
3.7	0.00	0.00
3.9	0.00	0.00
4.6	0.00	0.01
5.4	0.21	0.24
[redacted]		
0.5	0.00	0.00
<0.5	0.00	0.00
2.6	0.00	0.29
1.6	0.00	0.00
1.5	0.00	0.00
1.0	0.00	0.00
1.6	0.00	0.00
1.4	0.00	0.00
4.3	0.00	0.66
3.5	0.00	0.95
5.3	0.00	0.00
4.5	0.04	0.04
—	0.00	0.00
3.7	0.01	0.01
3.2	0.00	0.00
2.6	0.00	0.03
2.6	0.00	0.00
2.9	0.00	0.01
4.2	0.00	0.00
2.4	0.00	0.00

3.6	0.00	0.00	[redacted]
7.5	0.48	0.48	
6.9	0.00	0.00	
[redacted]			
5.1	0.12	0.12	
3.4	0.00	0.00	
4.1	0.00	0.00	
3.0	0.00	0.00	
4.9	0.00	0.00	
5.0	0.01	0.48	
8.8	0.00	0.00	
—	0.00	0.00	
2.7	0.00	0.00	
—	0.03	0.15	
—	0.00	1.56	
—	0.00	0.00	
6.8	0.00	0.00	
5.6	0.00	0.00	
5.7	0.00	0.00	
5.8	0.27	0.84	
5.7	0.00	0.02	
6.9	0.00	0.00	
4.6	0.00	0.00	
3.5	0.00	0.00	
3.9	0.00	0.00	
2.6	1.11	1.11	
4.4	0.00	0.00	
4.4	0.00	0.04	
2.3	0.00	0.00	
1.3	0.00	0.00	
[redacted]			
3.6	0.00	1.58	
0.9	0.00	0.00	
1.9	0.02	0.02	
2.0	0.42	0.42	
1.9	0.00	0.66	
4.5	0.00	0.00	
1.7	0.00	1.09	
4.5	0.00	0.00	
5.6	0.00	0.00	
4.7	0.00	0.00	
4.7	0.00	0.00	
5.5	0.00	0.00	
4.8	0.00	0.00	
3.5	0.01	0.01	
2.6	0.01	0.01	
3.2	0.01	0.09	
5.4	0.00	0.06	
3.7	0.00	0.06	

2.2		0.00	0.00
2.2		0.00	0.00
16.4		0.05	0.10
2.7		0.05	0.10
4.5		0.00	0.00
6.1		0.00	0.00
3.8		0.00	0.00
3.4		0.00	0.00
5.0		0.00	0.48
4.7		0.00	0.48
7.6		0.00	0.14
4.9		0.00	0.14
4.9		0.00	0.00
4.8		0.00	0.00
5.4		0.00	0.04
5.2		0.00	0.04
5.0		0.14	0.15
4.7		0.14	0.15
5.3		0.00	0.80
5.3		0.00	0.80
5.7		0.00	0.00
5.6		0.00	0.00
4.6		0.00	0.00
4.2		0.00	0.00
4.9		0.00	0.71
4.8		0.00	0.71
5.9		0.00	0.00
3.3		0.00	0.00
5.1		0.00	0.00
5.2		0.00	0.00
4.0		0.00	0.00
3.6		0.00	0.00
4.9		0.15	0.15
4.8		0.15	0.15
4.9		0.00	0.00
4.8		0.00	0.00
4.4	J-QC/FFB	0.00	0.00
5.2	J-QC/FFB	0.00	0.00
3.7	J-QC/FFB	0.00	0.00
3.9	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB	0.00	0.00
4.5	J-QC/FFB	0.00	0.00
7.3		1.47	2.10
7.2		1.47	2.10
6.5	J-QC/FFB	0.10	0.10
6.0	J-QC/FFB	0.10	0.10
5.2		0.92	1.35
—	NRP	0.92	1.35

8.1	J-QC/FFB/FFDRPO	0.01	0.68
11.4	J-QC/FFB/FFDRPO	0.01	0.68
5.8		0.43	0.43
4.8		0.43	0.43
6.0	J-QC/FFB	0.08	0.08
5.5		0.00	0.00
5.2		0.00	0.00
5.9	J-QC/FFB	0.00	0.15
5.4	J-QC/FFB	0.00	0.15
8.4	J-QC/FFB	0.00	0.00
8.2	J-QC/FFB	0.00	0.00
5.0	J-QC/FFB	0.08	0.12
4.9	J-QC/FFB	0.08	0.12
4.8		1.13	1.13
4.8		1.13	1.13
—	NAP	0.00	0.00
—	NAP	0.00	0.00
5.2	J-QC/FFB	0.00	0.00
5.0	J-QC/FFB	0.00	0.00
4.4	J-QC/FFB	0.00	0.00
4.3	J-QC/FFB	0.00	0.00
3.8		0.00	0.30
3.9		0.00	0.30
4.4	J-QC/FFB	0.00	0.00
4.0	J-QC/FFB	0.00	0.00
4.8	J-QC/FFB	0.00	0.00
[redacted]			
6.40		0.10	1.32
3.80		0.00	0.00
4.30	J-QC/FFB	0.00	0.47
4.30		0.00	0.01
4.85	J-QC/FFB	0.00	0.00
5.09	J-QC/FFB	0.00	0.00
4.69	J-QC/FFB	0.00	0.18
4.77	J-QC/FFB	0.00	0.18
5.09	J-QC/FFB	0.00	0.00
4.30	J-QC/FFB	0.00	1.69
5.60	J-QC/FFB	0.00	0.05
4.10	J-QC/FFB	0.00	0.00
3.60	J-QC/FFB	0.00	0.00
4.70	J-QC/FFB	0.00	0.00
4.20	J-QC/FFB	0.00	0.00
4.60	J-QC/FFB	0.00	1.24
3.90	J-QC/FFB	0.00	0.00
4.00	J-QC/FFB	0.00	0.00
4.50	BJ-QC/FBK/FFB	0.00	0.93
4.30	BJ-QC/FBK/FFB	0.00	0.93
3.70	J-QC/FFB	0.00	0.00
3.50	J-QC/FFB	0.00	0.16
3.60	J-QC/FFB	0.00	0.16

5.80		0.00	0.01
4.50		0.00	0.01
4.90		0.00	0.00
4.00		0.00	0.00
5.30		0.00	0.00
[redacted]			
3.6		0.00	0.00
3.7		0.00	0.00
4.6	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB	0.00	0.00
6.0		0.00	0.00
3.3	J-QC/FFB	0.04	0.04
4.5	BJ-QC/FBK/FFB	0.00	0.00
3.9	BJ-QC/FBK/FFB	0.00	0.00
4.1		0.00	0.00
3.5	J-QC/FFB	0.00	0.00
3.3	J-QC/FFB	0.00	0.00
3.5	J-QC/FFB	0.49	0.53
3.4	J-QC/FFB	0.49	0.53
6.1	J-QC/FFB	0.00	0.00
5.0	J-QC/FFB	0.00	0.00
4.7	J-QC/FFB	0.17	0.17
4.6	J-QC/FFB	0.17	0.17
4.2	J-QC/FFB	0.00	0.00
4.3	J-QC/FFB	1.32	1.32
4.6	J-QC/FFB	1.32	1.32
7.1	J-QC/FFB	0.00	0.22
7.9	J-QC/FFB	0.00	0.00
4.3	J-QC/FFB	0.00	0.00
3.7	J-QC/FFB	0.08	0.12
3.6	J-QC/FFB	0.08	0.12
4.3		0.00	0.00
4.6	J-QC/FFD/RPO	0.00	0.00
10.3	J-QC/FFD/RPO	0.00	0.00
2.4	J-QC/FFB/FFDRPO	0.03	0.03
[redacted]			
2.6		0.14	0.14
2.5		0.14	0.14
2.8		0.02	0.02
3.4	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
2.2		0.02	0.02
3.6		0.20	0.82
3.6		0.20	0.82
3.0	J-QC/FFB	0.21	0.48
5.6	J-QC/FFB	0.00	0.18
5.4	J-QC/FFB	0.00	0.18
4.0	BJ-QC/FBK/FFB	0.40	0.60
2.4	J-QC/FFB	0.58	0.60
6.0	B/FBK	0.00	0.93
6.4	B/FBK	0.00	0.93

4.3	BJ-QC/FBK/FFBFFDRPO	0.00	0.00
3.6	B/FBK	0.00	0.00
3.6	B/FBK	0.00	0.00
4.0	J-QC/FFB	0.00	0.00
4.9	J-QC/FFB	0.03	0.07
4.6	J-QC/FFB	0.03	0.07
5.3	J-QC/FFB	0.00	0.00
2.7	J-QC/FFB	0.00	0.00
2.5		0.00	0.00
2.0		0.00	0.00
2.7	J-QC/FFD/RPO	0.01	1.01
2.9	J-QC/FFB	0.00	0.00
2.5	J-QC/FFB	0.00	0.00
3.9	J-QC/FFB	0.00	0.00
3.5	BJ-QC/FBK/FFB	0.00	0.00
3.6	BJ-QC/FBK/FFB	0.00	0.00
3.2	J-QC/FFB	0.00	0.02
[redacted]			
3.38	BJ-QC/FBK/FFB	0.00	0.00
3.00	BJ-QC/FBK/FFB	0.00	0.00
3.71	J-QC/FFB	0.00	0.00
4.30	BJ-QC/FBK/FFB	0.00	0.00
4.13	BJ-QC/FBK/FFB	0.00	0.00
2.7	J-QC	0.00	0.00
3.6		0.00	0.00
3.8		0.00	0.00
3.4	J-QC/FFB/FLDRPO	1.15	1.15
17.3		0.00	0.00
4.1	J-QC	0.00	0.00
4.2	J-QC	0.00	0.00
4.5		0.00	0.00
6.7	J-QC/FFB	1.29	1.29
7.6	J-QC/FFB	1.29	1.29
4.9	J-QC/FFD/FLDRPO	0.00	0.00
3.5		0.00	0.01
3.8		0.00	0.01
4.3	J-QC/FFB	0.00	0.00
5.3	J-QC/FFB	0.00	0.00
6.3	J-QC	0.00	0.02
4.7	J-QC	0.00	0.02
5.4	J-QC	0.00	0.00
11.5	J-QC/FFB	0.00	0.00
3.9	J-QC/FFD/RPO	0.00	0.00
11.2	J-QC/FFD/RPO	0.00	0.04
2.2	J-QC/FFD/RPO	0.00	0.04
3.6		0.00	0.00
4.63	J-QC/FFB	0.00	0.00
4.88	J-QC/FFB	0.00	0.00
4.13	J-QC/FLD/RPO	0.00	0.00
4.02		0.00	0.00

4.2	0.00	0.07
3.9	0.00	0.07
3.3	0.00	0.00
4.4	0.07	0.74
5.3	0.07	0.74
4.4	0.00	0.00
3.1	0.00	0.08
3.2	0.00	0.08
4.9	0.00	0.00
5.6	0.00	0.00
5.8	0.00	0.00
4.1	0.02	0.02
3.7	0.00	0.49
3.5	0.00	0.49
3.1	0.00	0.00
4.7	0.00	0.55
4.0	0.00	0.00
2.8	0.03	0.03
2.4	0.03	0.03
3.1	0.00	0.00
5.3	0.00	0.00
5.0	0.00	0.00
3.9	0.00	0.08

[redacted]

Station #27 Lower Raritan River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 3, 2003	11:25	6.60	6.1	9.82
December 18, 2003	10:45	6.50	3.4	9.25
2004				
February 26, 2004	11:30	8.41	3.0	13.61
April 13, 2004	11:40	6.23	10.0	11.34
May 19, 2004	12:00	7.28	21.2	4.43
June 10, 2004	11:00	7.25	—	7.80
June 17, 2004	10:50	7.78	22.9	9.49
June 24, 2004	11:10	8.14	22.0	8.40
June 29, 2004	11:30	7.46	22.9	—
July 15, 2004	10:10	7.04	21.4	—
July 22, 2004	10:05	7.27	23.9	—
July 29, 2004	10:05	7.05	—	6.43
August 5, 2004	10:47	7.06	25.39	3.34
August 12, 2004	10:56	7.00	24.13	6.76
August 19, 2004	11:52	7.18	23.75	3.82
August 26, 2004	10:52	7.17	23.52	4.86
September 2, 2004	12:15	7.05	24.65	3.56
September 23, 2004	10:35	6.97	20.54	3.32
September 30, 2004	11:05	6.30	18.44	6.35
October 13, 2004	11:11	7.04	16.26	7.08
October 28, 2004	10:58	7.00	12.5	7.07
November 9, 2004	10:44	—	11.1	6.87
November 23, 2004	10:35	6.92	9.46	9.17
December 9, 2004	10:25	7.43	6.90	11.18
2005				
March 10, 2005	11:34	—	1.90	15.49
April 14, 2005	10:46	—	12.68	12.06
April 28, 2005	10:40	7.34	13.39	8.95
May 4, 2005	11:45	7.35	14.07	11.88
May 12, 2005	10:40	7.35	15.90	8.50
May 16, 2005	11:45	7.60	18.25	9.86
June 9, 2005	10:45	7.19	22.22	6.96
June 14, 2005	10:46	7.36	23.01	6.94
June 23, 2005	11:08	7.16	22.28	6.57
July 7, 2005	10:37	7.08	25.03	4.56
July 21, 2005	12:08	6.82	27.40	3.54
July 27, 2005	11:15	6.94	27.63	3.47
August 4, 2005	10:42	7.21	27.49	5.16
August 9, 2005	10:40	7.11	26.61	3.21
August 23, 2005	11:04	—	25.68	3.32
September 1, 2005	—	—	—	—
September 6, 2005	—	—	—	—
September 15, 2005	11:32	7.32	24.40	5.41
September 22, 2005	11:11	7.16	24.13	3.80
October 4, 2005	11:27	7.19	20.87	5.91

October 20, 2005	10:46	7.38	16.21	8.46
November 21, 2005	10:45	7.28	10.79	9.57
December 19, 2005	12:00	7.08	4.09	13.15
2006				
January 17, 2006	11:32	7.02	4.05	15.50
February 16, 2006	11:41	7.67	4.19	12.72
February 28, 2006	10:56	7.74	2.01	14.76
March 28, 2006	10:36	8.15	8.06	13.76
April 19, 2006	11:31	7.68	13.87	8.60
April 25, 2006	10:30	6.90	13.58	8.15
May 3, 2006	11:10	7.36	15.25	6.65
May 8, 2006	10:14	7.06	16.43	7.32
June 22, 2006	11:31	7.33	24.65	7.41
June 27, 2006	11:20	6.97	23.45	4.59
July 13, 2006	11:31	7.17	24.24	5.46
July 20, 2006	10:40	7.20	27.54	5.92
July 25, 2006	10:52	6.68	24.99	3.17
August 8, 2006	10:31	6.94	26.45	3.73
August 22, 2006	10:33	7.00	25.70	4.20
August 30, 2006	11:13	6.85	22.80	3.26
September 7, 2006	11:10	6.97	20.36	6.26
September 13, 2006	11:03	6.93	20.56	6.31
September 19, 2006	10:51	7.03	21.38	5.18
September 26, 2006	11:00	7.29	20.13	7.14
October 3, 2006	11:16	7.14	18.25	6.51
October 17, 2006	11:22	7.24	14.93	6.48
October 31, 2006	11:13	7.24	10.05	8.99
November 15, 2006	11:07	7.59	13.66	8.67
November 28, 2006	11:40	6.93	9.61	8.04
December 12, 2006	11:21	7.68	5.70	10.60
2007				
January 9, 2007	11:20	9.03	7.53	9.90
January 23, 2007	11:36	7.31	2.96	10.10
March 22, 2007	11:04	8.56	5.34	13.82
May 1, 2007	11:15	7.64	15.55	12.73
May 17, 2007	10:50	7.12	18.29	7.14
Boat engine failure - 5/18/07				
September 5, 2007	10:53	7.03	24.08	4.29
September 12, 2007	10:43	7.10	24.32	4.52
September 27, 2007	11:37	7.18	22.70	5.58
October 2, 2007	11:00	7.30	20.67	5.16
October 16, 2007	11:20	7.13	18.45	5.10
November 1, 2007	10:58	7.03	14.89	6.39
November 29, 2007	11:00	—	8.03	8.54
December 11, 2007	10:44	—	4.39	10.06
December 20, 2007	11:07	—	2.53	13.12
2008				
January 8, 2008	10:52	—	3.70	12.59
February 7, 2008	11:22	7.12	5.44	11.07
March 11, 2008	11:05	7.11	5.70	11.51

April 8, 2008	11:35	7.44		9.04		10.12
May 13, 2008	11:31	7.61		13.18		8.65
May 28, 2008	11:05	7.32		17.87		7.63
June 3, 2008	10:46	7.19		20.46		6.17
June 17, 2008	11:08	6.98		25.00		5.53
June 24, 2008	11:30	7.34		23.35		7.09
July 15, 2008	11:28	7.20		25.52		6.45
August 5, 2008	09:57	7.13		25.38		3.45
September 4, 2008	11:13	7.03		24.86		6.02
September 10, 2008	10:58	6.78		23.91		3.79
September 16, 2008	10:44	7.00		23.21		3.21
September 23, 2008	10:30	7.07		20.61		7.27
October 7, 2008	10:38	—		17.89		3.94
November 24, 2008	11:26	7.24		4.06		10.27
December 3, 2008	11:03	6.92		6.66		9.48
2009						
February 10, 2009	11:17	8.81		2.11		12.94
March 18, 2009	10:57	8.11		7.40		16.40
April 30, 2009	11:38	6.80		16.42		—
May 7, 2009	11:03	7.20		13.92		—
May 28, 2009	10:42	7.17		18.57		—
June 4, 2009	11:04	7.90		20.24		—
June 16, 2009	11:49	7.19		20.21		6.54
June 24, 2009	11:14	7.20		20.38		4.68
July 7, 2009	10:42	7.27		23.01		5.50
July 14, 2009	11:04	7.08		22.11		4.79
July 28, 2009	11:15	—	NAPEFAI/EQF	24.64		4.98
August 4, 2009	11:15	—	NAPEFAI/EQF	23.02		6.21
August 13, 2009	11:05	7.21		24.63		5.43
August 18, 2009	10:53	—	NAPEFAI/EQF	26.68		—
September 1, 2009	11:10	—	NAPEFAI/EQF	22.21		—
September 15, 2009	11:06	—	NAPEFAI/EQF	20.56		—
September 22, 2009	11:01	—	NAPEFAI/EQF	20.59		—
October 19, 2009	11:24	—	NAPEFAI/EQF	10.62		—
November 9, 2009	10:55	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 8, 2009	10:56	7.47		7.52		9.75
2010						
March 23, 2010	11:04	7.22		11.53		10.53
April 13, 2010	10:43	7.47		13.16		12.22
May 13, 2010	10:48	7.31		13.46		9.64
May 20, 2010	10:55	7.27		15.70		8.35
May 26, 2010	10:37	7.24		20.63		7.56
June 8, 2010	10:50	7.55		22.49		9.08
June 14, 2010	11:04	7.08		22.30		5.53
June 24, 2010	10:44	7.31		26.39		7.83
July 15, 2010	10:38	7.09		25.90		4.15
July 20, 2010	10:34	7.14		27.35		4.93
July 27, 2010	10:55	7.23		26.77		4.37
August 3, 2010	10:38	7.19		25.71		3.25
August 10, 2010	11:00	7.23		26.20		4.40

August 17, 2010	10:35	7.08		25.32	4.91
August 31, 2010	10:46	7.39		24.58	5.74
September 8, 2010	10:41	7.42		23.81	6.65
September 14, 2010	10:50	7.30		21.21	5.37
September 21, 2010	11:21	7.44		20.70	7.13
September 29, 2010	11:00	7.23		21.52	6.41
October 6, 2010	11:08	6.98		18.24	7.41
November 15, 2010	11:15	7.38		9.75	9.91
December 8, 2010	11:15	7.43		4.03	11.60
2011					
January 5, 2011	11:00	7.51		1.43	13.36
February 17, 2011	10:52	7.31		2.98	18.18
March 9, 2011	11:32	7.79		6.65	12.91
April 11, 2011	10:55	7.31		10.79	10.98
May 3, 2011	10:47	6.95		15.52	7.48
May 10, 2011	11:11	6.93		15.73	8.28
May 25, 2011	11:00	7.35		18.63	7.94
June 7, 2011	10:51	7.95		20.83	10.33
June 14, 2011	10:50	7.06		22.67	5.08
June 28, 2011	11:15	7.05		24.28	4.95
July 6, 2011	11:00	7.17		25.05	5.08
July 13, 2011	10:36	6.99		26.93	4.95
July 28, 2011	10:45	7.25		27.42	4.85
August 9, 2011	11:05	7.27		27.40	4.66
August 17, 2011	10:55	6.86		22.37	5.75
August 24, 2011	10:48	7.02		21.88	6.62
September 14, 2011	10:58	7.12		21.71	5.91
September 21, 2011	10:52	7.20		18.36	7.26
October 25, 2011	10:59	7.24		14.30	8.00
November 2, 2011	11:00	7.54		8.19	11.38
December 20, 2011	10:54	7.45		4.70	12.42
2012					
January 11, 2012	11:22	7.88		4.81	10.93
February 8, 2012	10:55	7.47		5.32	11.60
March 7, 2012	11:11	7.83		6.19	13.88
April 19, 2012	11:08	7.31		15.93	7.50
May 2, 2012	10:54	7.17		15.01	8.21
May 10, 2012	11:00	7.15		17.07	7.59
May 17, 2012	10:42	7.08		19.65	6.61
May 23, 2012	10:26	7.08		19.77	6.63
June 6, 2012	10:55	—	NAPEFAI/EQF	19.25	3.76
June 14, 2012	10:35	—	NAPEFAI/EQF	21.51	4.27
June 20, 2012	11:00	—	NAPEFAI/EQF	23.48	4.42
June 28, 2012	10:34	—	NAPEFAI/EQF	23.50	4.11
July 12, 2012	10:50	7.33		27.35	6.17
July 24, 2012	10:46	7.27		23.51	5.43
July 31, 2012	11:00	7.23		26.10	4.80
August 22, 2012	10:30	7.00		25.12	3.10
September 11, 2012	11:00	7.24		23.68	4.72
September 19, 2012	10:48	7.32		22.13	5.56

September 25, 2012	10:50	7.25	19.92	6.00
October 18, 2012	10:52	7.73	15.23	6.64
November 29, 2012	09:23	7.45	6.32	9.79
December 5, 2012	09:46	7.57	7.60	10.64
2013				
January 8, 2013	09:28	7.12	3.00	12.32
February 6, 2013	09:24	6.91	1.37	13.78
March 13, 2013	09:06	7.31	7.75	12.09
April 2, 2013	09:14	8.07	8.73	12.06
May 2, 2013	11:11	7.22	15.78	7.35
May 7, 2013	10:59	6.96	17.11	7.07
May 15, 2013	10:26	6.93	15.37	6.31
May 21, 2013	10:31	7.42	17.80	6.03
June 4, 2013	10:22	7.05	23.38	6.00
June 12, 2013	10:40	7.22	19.69	7.32
June 19, 2013	10:40	7.43	21.17	6.69
June 26, 2013	11:02	7.33	22.82	5.63
July 11, 2013	10:18	7.25	24.17	4.49
July 30, 2013	11:02	7.02	23.12	5.15
August 15, 2013	10:30	7.22	22.76	6.37
August 21, 2013	11:36	7.33	23.83	4.35
September 11, 2013	10:46	7.15	22.58	4.52
September 17, 2013	11:00	7.20	19.35	5.44
September 24, 2013	10:42	7.25	19.11	5.70
October 2, 2013	10:39	7.45	19.27	6.94
November 20, 2013	11:00	7.76	7.73	10.14
December 4, 2013	11:15	7.31	5.13	10.92
2014				
January 16, 2014	11:02	7.03	3.47	13.55
March 10, 2014	11:20	7.65	4.27	12.72
April 9, 2014	10:52	8.51	9.23	11.52
May 7, 2014	10:50	7.44	13.78	10.63
May 12, 2014	10:49	7.73	16.23	9.03
May 28, 2014	10:55	7.02	18.23	6.56
June 17, 2014	10:52	7.72	20.84	5.09
June 25, 2014	10:53	7.44	22.90	6.82
July 9, 2014	11:00	7.41	24.46	5.40
July 30, 2014	10:37	7.36	22.61	4.46
August 14, 2014	10:47	7.10	22.30	4.12
August 26, 2014	11:12	7.64	22.46	4.73
September 9, 2014	11:12	7.34	21.92	4.85
October 2, 2014	10:35	7.15	19.90	6.29
November 20, 2014	10:52	7.47	4.50	7.18
December 4, 2014	10:46	7.11	5.54	13.52

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	92.3	9.6	—	9
	69.7	0.1	—	40
[redacted]				
	112.2	14.2	—	22
	100.6	0.3	—	14
	51.7	9.3	—	30
	—	—	—	12
	110.2	—	—	16
	92.4	—	—	22
	—	—	—	20
	—	—	—	170
	—	—	—	22
	71.9	—	—	44
	43.4	11.59	—	61
	82.6	3.78	—	18
	49.3	15.54	—	32
	59.5	6.36	—	19
	46.9	16.47	—	22
	39.3	11.17	—	28
	67.7	0.09	—	16
	77.8	12.85	—	50
	72.1	14.0	—	36
	68.7	8.8	—	16
	82.5	4.96	—	13
	92.2	0.15	—	18
[redacted]				
	113.6	2.90	—	78
	115.1	0.73	—	8
	89.9	7.62	—	30
	115.7	0.43	—	30
	92.0	11.89	—	18
	109.7	9.40	—	30
	87.3	15.40	—	18
	70.0	17.96	—	20
	85.6	21.49	—	34
	61.6	19.73	—	20
	46.2	6.35	—	46
	49.9	15.83	—	37
	72.3	18.86	—	24
	44.5	19.09	—	16
	53.1	19.86	—	26
	—	—	—	40
	—	—	—	26
	66.7	5.81	—	29
	51.3	22.10	—	27
	73.9	19.45	—	27

93.2	13.45	—	28
97.3	18.70	—	30
111.7	14.58	—	41
132.5	15.64	—	26
115.1	24.86	—	18
115.7	11.37	—	65
126.9	10.06	—	62
91.5	15.47	—	36
78.3	0.17	—	41
71.8	13.01	—	42
82.4	16.89	—	17
93.2	7.96	—	18
55.0	2.59	—	24
69.9	12.35	—	32
77.4	5.57	—	22
41.4	13.58	—	15
50.9	16.97	—	36
57.0	18.64	—	22
42.1	18.34	—	23
71.6	5.91	—	50
77.9	17.89	—	60
61.2	7.39	—	19
87.9	18.82	—	26
72.7	9.67	—	14
70.3	15.29	—	18
80.6	1.96	—	16
83.5	0.11	—	6
77.1	14.13	—	70
95.9	19.99	—	14
82.6	0.09	—	30
81.7	12.94	—	26
112.1	3.92	—	22
128.1	0.75	—	24
81.9	13.13	—	100
55.3	12.76	—	16
59.6	16.96	—	18
72.8	20.42	—	52
66.7	18.74	—	35
61.9	21.95	—	21
71.7	20.89	—	46
80.9	17.74	—	40
85.3	15.66	—	18
98.7	4.42	—	42
102.0	10.01	—	32
91.9	7.27	—	72
93.9	3.63	—	40

	94.5		11.79		—		32	
	82.4		0.34		—		10	
	84.8		9.33		—		18	
	73.1		11.51		—		46	
	71.5		11.79		—		39	
	92.8		19.44		—		26	
	86.2		16.62		—		20	
	46.1		17.88		—		52	
	81.0		20.53		—		20	
	50.5		23.62		—		10	
	41.4		17.95		—		24	
	85.0		9.03		—		12	
	46.6		22.27		—		28	
	81.9		6.19		—		16	
	88.1		20.43		—		22	
	94.0		0.32		—		15	
	142.6		6.38		—		12	
NAPEFAI/EQF	—	NAPEFAI/EQF	12.91		—		30	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	0.14		—		174	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	13.87		—		85	
NAPEFAI/EQF	—	NAPEFAI/EQF	3.64		—		44	
	73.2		2.87		—		76	J-QC/FFB
	55.6		12.42		—		34	J-QC/FFB
	57.1		14.53		—		44	J-QC/FFB
	63.5		19.26		—		38	
	62.3		11.90		—		36	
	72.5		0.17		—		31	J-QC/FFD/RPO
	71.0		14.65		—		30	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	7.35		—		21	
NAPEFAI/EQF	—	NAPEFAI/EQF	5.49		—		14	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	5.87		—		24	
NAPEFAI/EQF	—	NAPEFAI/EQF	17.85		—		21	
NAPEFAI/EQF	—	NAPEFAI/EQF	18.73		—		30	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		31	J-QC/FFD/RPO
	90.5		15.73		—		76	
	96.7		0.11		—	NA	68	
	124.5		10.31		—	NA	36	
	94.1		5.95		—	NA	43	J-QC/FFB
	84.5		5.11		—	NA	68	
	86.2		6.00		—	NA	36	J-QC/FFD/RPO
	111.8		11.16		—	NA	34	
	67.1		15.95		—	NA	35	
	102.7		10.30		—	NA	34	
	51.5		9.32		—	NA	23	J-QC/FFD/FLDRPO
	62.7		9.39		—	NA	17	
	58.1		19.96		—	NA	46	
	44.2		18.68		—	NA	26	
	60.3		21.58		—	NA	50	

62.7	9.81		—	NA	27	
76.9	—	NAPEFAI/EQF	—	NA	45	
86.5	19.62		—	NA	118	J-QC/FLD/RPO
66.9	17.87		—	NA	61	
85.4	14.21		—	NA	48	
75.1	19.79		—	NA	42	
77.4	4.81		—	NA	112	
97.1	14.10		—	NA	10	J-QC/FFD/RPO
97.0	12.61		—	NA	46	
[redacted]						
100.5	9.48		—	NA	34	J-QC/FFD/FLDRPO
139.4	4.46		—	NA	20	
100.1	0.22		—	NA	18	
100.2	1.76		—	NA	10	
77.5	7.22		—	NA	38	J-QC/FLD/RPO
87.5	8.08		—	NA	32	
84.7	1.20		—	NA	14	
125.1	13.17		—	NA	38	
60.7	8.03		—	NA	62	
60.3	7.29		—	NA	21	
63.6	12.64		—	NA	47	
64.7	8.24		—	NA	31	
65.5	13.13		—	NA	34	
62.9	11.31		—	NA	36	
66.2	5.28		—	NA	26	
75.8	1.09		—	NA	16	
68.8	4.31		—	NA	16	
79.8	5.50		—	NA	10	
81.1	5.99		—	NA	90	
96.8	0.21		—	NA	11	J-QC/FFD/RPO
98.5	2.75		—	NA	15	
[redacted]						
92.1	12.42		—	NA	79	
99.1	12.49		—	NA	67	
115.1	4.78		—	NA	29	
82.7	14.20		—	NA	81	
83.8	5.36		—	NA	30	J-QC/FFD/RPO
83.6	9.86		—	NA	74	
73.3	2.10		—	NA	32	
76.9	10.26		—	NA	34	
44.5	15.53		—	NA	72	
48.7	1.48		—	NA	24	J-QC/FFD/RPO
55.6	12.60		—	NA	40	
49.6	5.41		—	NA	13	
83.1	12.69		—	NA	23	
70.3	15.95		—	NA	54	J-QC/FLD/RPO
61.2	7.02		—	NA	46	
40.5	18.34		—	NA	94	J-QC/FFB
60.4	16.38		—	NA	44	
71.4	20.57		—	NA	82	

	70.3		10.25	—	NA	38	J-QC/FLD/RPO
	75.9		22.71	—	NA	46	
	90.9		20.77	—	NA	37	
	100.0		18.01	—	NA	38	
	97.8		9.81	—	NA	28	
	101.7		5.41	—	NA	36	
	105.0		5.06	—	NA	10	J-QC/FFD/FLDRPO
	104.8		1.71	—	NA	12	
	73.7		4.69	—	NA	68	
	76.2		6.59	—	NA	28	
	68.2		14.91	—	NA	42	
	65.9		7.63	—	NA	26	
	72.1		4.63	—	NA	29	
	75.4		0.12	—	NA	12	
	75.3		0.87	—	NA	26	
	71.5		16.15	—	NA	34	
	54.2		20.01	—	NA	52	
	61.3		5.22	—	NA	46	
	77.8		1.01	—	NA	43	J-QC/FFB
	56.3		16.69	—	NA	118	
	58.5		19.53	—	NA	150	
	63.4		14.44	—	NA	114	
	69.7		20.78	—	NA	52	
	81.8		15.65	—	NA	42	
	97.3		22.63	—	NA	27	
	94.0		15.07	—	NA	74	
	103.7		2.61	—	NA	20	J-QC
	99.0		1.94	—	NA	12	J-QC/FLD/RPO
	100.2		0.40	—	NA	8	
	104.7		3.29	—	NA	10	J-QC/FFB
	93.7		6.00	—	NA	22	J-QC/FFB/FLDRPO
	73.5		11.30	—	NA	44	J-QC/FLD/RPO
	60.1		10.38	—	NA	366	
	83.2		7.48	—	NA	19	
	67.8		9.20	—	NA	37	
	56.7		17.40	—	NA	28	
	49.9		18.53	—	NA	88	
	60.1		18.93	—	NA	28	
	61.2		17.85	—	NA	76	
	81.1		13.98	—	NA	23	J-QC
	57.3		4.95	—	NA	20	
	108.8		2.27	—	NA	30	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
1.09	<2	<0.09	0.014
0.92	3	0.30	0.036
—	2	<0.19	0.026
0.41	2	<0.19	0.022
1.37	2	<0.19	0.057
0.95	4	0.29	0.042
0.79	6	<0.19	0.050
0.47	4	<0.19	0.080
3.30	<2	<0.19	0.045
3.43	<2	0.36	0.057
2.51	10	<0.19	0.068
—	3	<0.19	0.031
3.25	3	<0.19	0.057
1.87	3	<0.19	0.020
3.28	9	<0.19	0.078
2.48	2	<0.19	0.031
1.67	3	<0.19	0.060
0.99	2	<0.19	0.051
1.21	<2	<0.19	0.030
0.77	3	<0.19	0.052
0.92	8	<0.19	0.063
0.84	<2	<0.19	0.040
0.80	5	<0.19	0.055
0.55	<2	<0.19	0.021
1.15	3	<0.19	0.038
0.49	<2	<0.19	0.013
<1.00	<2	<0.19	0.032
—	<2	<0.19	0.023
1.18	<2	<0.19	0.040
1.02	<2	<0.19	0.042
1.18	<2	<0.27	0.080
0.74	<2	<0.27	0.053
0.95	<2	<0.27	0.051
0.88	<2	<0.27	0.050
1.55	5	<0.27	0.043
1.68	<2	<0.27	0.067
1.80	8	<0.27	0.081
0.51	10	<0.27	0.060
1.11	<2	<0.27	—
1.09	<2	<0.27	0.065
0.97	8	<0.27	0.076
1.45	4	<0.27	0.049
0.93	<2	<0.27	0.106
0.87	12	<0.27	0.103

0.95	<2	<0.27	0.090
0.74	<2	<0.27	0.050
<1.00	<2	<0.27	0.040
[redacted]			
1.04	8	<0.27	0.03
0.76	<2	<0.27	0.020
0.93	4	<0.27	0.022
1.23	<2	<0.27	0.030
1.81	3	<0.295	0.034
2.11	5	<0.295	0.021
1.96	5	<0.295	0.054
0.99	—	<0.295	0.054
1.04	3	<0.295	0.030
0.95	—	<0.295	0.048
0.69	—	<0.295	0.036
0.80	—	<0.295	0.026
0.89	<2	<0.295	0.038
1.91	<2	<0.295	0.040
1.63	3	<0.295	0.048
1.62	<2	<0.295	0.082
<1.00	—	<0.295	0.042
0.91	—	<0.295	—
0.92	—	<0.295	0.048
0.68	—	<0.295	0.077
<1.00	—	<0.295	0.039
<1.00	<2	—	0.042
0.86	<2	<0.295	0.014
1.04	<2	<0.295	0.012
0.93	<2	0.34	0.036
0.69	<2	<0.295	0.028
[redacted]			
1.03	<2	<0.295	0.026
0.58	<2	<0.295	0.023
1.08	<2	0.301	0.020
<1.00	<2	0.241	0.013
0.95	<2	0.342	0.034
0.71	<2	0.172	0.053
0.61	<2	0.286	0.086
1.00	<2	0.219	0.079
0.40	<2	0.296	0.098
0.43	<2	0.326	0.109
0.32	<2	0.240	0.090
0.72	<2	0.536	0.078
0.76	<2	0.284	0.033
0.87	<2	0.237	0.015
[redacted]			
0.84	<2	0.228	0.034
1.90	<2	0.220	0.020
1.75	<2	0.060	0.021

0.82		<2		0.208		0.023
0.66		<2		0.128		0.035
0.80		<2		0.149		0.034
0.84		<2		0.094		0.037
1.09		3		0.054		0.033
<0.30		<2		<0.017		0.033
0.89		<2		0.054		0.037
0.49		<2		0.343		0.075
<0.30		<2		0.302		0.060
0.92		—		0.262		0.026
0.36		<2		0.421		0.086
1.23		<2		0.096		0.038
0.99		<2		0.484		0.078
0.78		<2		0.216		0.021
0.60		<2		0.495		0.053
[redacted]						
1.25	BJ-QC/FBK/FFB	3	J-QC/FFB/FLS	0.117	J-QC/FMS	0.041
1.49	BJ-QC/FBK/FFB	<2	K	0.117	J-QC/FFB	0.025
1.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.344		0.032
2.76	BJ-QC/FBK/FFB	<2	K	0.130		0.041
1.48	BJ-QC/FBK/FFB	<2	K	0.303		0.056
1.84	J-QC/FLS	<2	KJ-QC/FLS	0.120		0.027
1.47	J-QC/FFB	<2	K	0.219		0.026
1.84	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.287		0.051
0.94	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.188		0.034
0.79	B/FBK	<2	K	0.076		0.032
1.42	BJ-QC/FBK/FFBFLS	<2	K	0.086		0.030
1.61	BJ-QC/FBK/FFBFLDRPO	<2	K	0.056		0.011
1.26	B/FBK	<2	K	0.097		0.041
1.52	BJ-QC/FBK/FFBFLS	<2	K	0.036		0.025
1.29	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.024
1.98	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	<0.018	K	0.026
<1.00	KJ-QCJ-HT/FLS/EHT	<2	KJ-QC/FFD/RPOFLS	0.071		0.073
0.50	BJ-QC/FBK/FFBFFDRPO	—	NRP	0.214	J-HT/EHT	0.074
0.90	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.300		0.056
2.03	BJ-QC/FBK/FFBFLS	<2	K	0.310	J-QC/FFB/FSL	0.040
[redacted]						
1.28	BJ-QC/FBK/FFBFLS	<2	K	0.075		0.0402
1.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.121		0.0213
1.75	BJ-QC/FBK/FFBFLS	<2	K	0.372		0.0308
1.80	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	0.020	J-R	0.0263
1.55	BJ-QC/FBK/FFBFLS	<2	K	0.156	J-QC/FFB	0.0358
1.05	BJ-QCJ-HT/FBK/FFBEHT	3		<0.0175	K	0.0293
1.54	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.206		0.0461
1.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.196		0.0059
1.83	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.231		0.0625
2.01	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	KJ-QC/FSL	0.0375
0.71	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.236		0.0639
1.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.189		0.0408
0.58	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.152		0.0499

1.68	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FLS	0.067		0.0333
0.53	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	4	J-QC/FLS	0.094		0.0760
1.01	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.100	J-QC/FFD/RPOFMS	0.0382
1.63	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.110		0.0357
1.45	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	0.021	J-R	0.0195
1.26	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.320		0.0578
1.79	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0175	K	0.0293
1.51	BJ-QC/FBK/FLSEHT	<2	K	0.075		0.0284
1.63	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.196		0.0366
[redacted]						
1.42	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB	0.211		0.0333
1.17	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFD/RPOFLS	0.178		0.0198
1.77	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.042	J-R	0.0186
1.64	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.152		0.0154
1.77	BJ-QC/FBK/FFBFLS	<2	K	0.223		0.0243
1.13	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.207		0.0195
1.41	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.082		0.0194
0.90	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.082	J-QC/FFD/RPO	0.0193
1.39	BJ-QC/FBK/FFBFLS	<2	K	<0.0293	KJ-QC/FSL	0.0258
1.49	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FFD/RPO	0.196	J-QC/FFD/RPO	0.0358
1.78	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.128		0.0432
1.48	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0293	KJ-QC/FFD/RPO	0.0318
1.50	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFD/RPO	0.196		0.0404
1.34	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.604		0.0590
1.95	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.299		0.0527
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.136	J-QC/FFB	0.0354
1.47	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.400		0.0372
1.27	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.123		0.0180
2.30	BJ-QC/FBK/FFBFLS	<2	K	0.221		0.0186
2.79	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.123	J-QC/FFB	<0.0014
1.42	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.101	J-QC/FSL	0.0213
[redacted]						
1.40	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.205		0.0293
1.57	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.406		0.0243
1.86	BJ-QC/FBK/FFBFLS	<2	K	0.095	J-QC/FMS	0.0180
0.78	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.225	J-QC/FFB	0.0393
1.53	BJ-QC/FBK/FFBFLS	3		0.178		0.0338
2.03	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.282	J-QC/FMS	0.0469
2.37	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.120	J-QC/FMS	0.0297
1.85	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.262		0.0394
0.42	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.089		0.0192
1.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.152	J-QC/FMS	0.0198
1.25	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	0.152	J-QC/FFD/RPO	0.0315
1.19	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.105	J-QC/FMS	0.0188
1.50	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.063	J-RJ-QC/FMS	0.0329
0.71	BJ-QCJ-HT/FBK/FFBFLSEHT	5	J-QC/FLS	0.206	J-QC/FMS	0.0566
1.97	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.090	J-QC/FMS	0.0328
0.52	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FFD/RPO	0.338		0.0753
1.41	BJ-QC/FBK/FFBFLS	—	NAPQNS	0.058	J-RJ-QC/FSL	0.1146
0.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.100		0.1219

1.28	BJ-QC/FBK/FFBFLS	<2	K	0.190	J-QC/FMS	0.0712
0.39	BJ-QC/FBK/FFB	<2	K	0.274		0.1144
—	NA	—	NRP	0.432		0.0573
—	NA	<2	KJ-QC/FLS	0.281	J-QC/FMS	0.0479
[redacted]						
—	NA	<2	KJ-QC/FMS	0.250	J-QC/LLS/FMS	0.0196
—	NA	<2	KJ-QC/FMS	0.291	J/LLS	0.0171
—	NA	<2	KJ-QC/FMS	0.217	J-QC/LLS/FSLFMS	0.0244
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.040	J-R/LLS	0.0173
—	NA	<2	K	0.306	J/LLS	0.0413
—	NA	<2	KJ-QC/FMS	0.369	J/LLS	0.0378
1.18	BJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	0.136	J-QC/LLS/FSLFMS	0.0366
1.74	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.522	J-QC/FMS	0.0396
1.94	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.102	J-QC/LLS/FSLFMS	0.0404
1.70	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.176	J-QC/LLS/FSL	0.0165
3.61	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.187	J-QC/LLS/FMS	0.0313
1.90	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.443		0.0324
1.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0310
1.76	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FMS	<0.0911	K	0.0409
0.69	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0236
2.32	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.121	J-R/LLS	0.0427
1.71	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.470	J/LLS	0.0713
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.338	J/LLS	0.0528
1.27	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.392	J/LLS	0.0680
1.24	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.102	J-RJ-QC/LLS/FSL	0.0490
1.11	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.381	J/LLS	0.0608
0.89	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.196	J/LLS	0.0399
[redacted]						
1.72	BJ-QC/FBK/FFBFMS	<2	K	0.310	J-QC/LLS/FFB	0.0192
1.96	BJ-QC/FBK/FFBFMS	<2	K	0.242	J/LLS	0.0506
1.59	BJ-QC/FBK/FFBFMS	<2	K	0.108	J/LLS	0.0182
1.31	BJ-QC/FBK/FFBFMS	<2	K	0.091	J-QC/LLS/FFB	0.0116
1.57	BJ-QC/FBK/FFBFLDRPO	<2	K	0.136	J/LLS	0.0149
1.42	BJ-QC/FBK/FFBFLDRPO	<2	K	0.335	J-QC/LLS/FSL	0.0358
2.02	BJ-QC/FBK/FFBFMS	<2	K	0.278	J/LLS	0.0402
1.53	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	0.056	J/LLS	0.0280
1.33	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0335
1.17	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.084	J-QC/LLS/FSLFMS	0.0413
1.44	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0570
0.45	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0540
0.87	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FMS	0.0564
1.54	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.096	J/LLS	0.0375
1.29	BJ-QC/FBK/FFBFMS	<2	K	0.058	J/LLS	0.0232
1.54	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.030	J-RJ-QC/LLS	0.0156
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	2.03	0.137	0.18	–
	1.82	0.193	0.21	–
	1.08	0.093	0.09	–
	1.77	0.134	0.09	–
	1.30	0.222	0.23	–
	1.68	0.366	0.17	–
	0.77	0.187	0.09	–
	0.80	0.157	0.11	–
	1.20	0.234	0.17	–
	1.25	0.443	0.15	–
	0.82	0.226	0.22	–
	1.36	0.238	0.22	–
	0.95	0.411	0.34	–
	1.34	0.202	0.21	–
	0.74	0.177	0.21	–
	1.21	0.220	0.19	–
	0.91	0.211	0.22	–
	1.42	0.229	0.28	–
	1.06	0.223	0.27	–
	1.14	0.286	0.29	–
	1.00	0.304	0.26	–
	1.21	0.153	0.19	–
	1.67	0.175	0.13	–
	1.65	0.182	0.18	–
	1.83	0.255	0.22	–
	1.57	0.105	0.15	–
	0.92	0.134	0.21	–
	1.51	0.205	0.20	–
	0.80	0.096	0.14	–
	0.77	0.122	0.14	–
	0.98	0.123	0.13	–
	0.61	0.138	0.11	–
	0.52	0.161	0.23	–
	0.70	0.189	0.15	–
	0.86	0.353	0.34	–
	0.68	0.261	0.28	–
	0.89	0.231	0.20	–
	0.57	0.220	0.20	–
	0.67	0.208	0.25	–
	1.04	0.258	0.17	–
	0.82	0.215	0.21	–
	1.12	0.269	0.31	–
	0.87	0.267	0.27	–
	1.06	0.217	0.24	–

0.98	0.231	0.26	—
0.82	0.150	0.14	—
1.00	0.140	0.16	—
1.08	0.13	0.12	—
1.61	0.114	0.07	—
1.39	0.240	0.36	—
1.20	0.264	0.30	—
0.79	0.160	0.21	—
1.17	0.277	0.20	—
0.85	0.260	0.21	—
1.37	0.183	—	—
1.47	0.166	0.07	—
1.32	0.114	—	—
1.56	0.196	—	—
0.57	0.138	—	—
0.92	0.155	0.21	—
0.67	0.219	0.23	—
1.97	0.376	0.23	—
1.03	0.231	0.23	—
1.17	0.264	—	—
0.94	0.281	—	—
1.25	0.189	—	—
1.02	0.169	—	—
0.69	0.187	0.19	—
0.60	0.124	0.14	—
1.30	0.165	0.16	—
1.28	0.154	0.14	—
0.77	0.196	0.20	—
1.38	0.147	0.26	—
1.40	0.158	0.32	—
1.99	0.152	0.19	—
1.13	0.123	0.11	—
0.957	0.096	0.08	—
0.698	0.246	0.12	—
0.955	0.157	0.13	—
0.543	0.179	0.17	—
1.05	0.30	0.16	—
1.03	0.20	0.13	—
0.805	0.18	0.18	—
0.913	0.28	0.17	—
0.526	0.27	0.18	—
0.384	0.18	0.13	—
1.86	0.40	0.12	—
1.89	0.09	0.12	—
1.05	0.22	0.10	—
0.919	0.14	0.15	—

	1.02		0.12		0.13		—	
	1.52		0.18		0.09		—	
	0.953		0.10		0.10		—	
	1.20		0.16		0.08		—	
	2.37		0.23		0.15		—	
	1.72		0.13		0.11		—	
	1.27		0.22		0.14		—	
	0.667		0.18		0.16		—	
	0.609		0.18		0.18		—	
	1.17		0.17		0.17		—	
	0.628		0.21		0.19		—	
	0.810		0.17		0.18		—	
	0.814		0.17		0.19		—	
	1.43		0.16		0.15		—	
	0.851		0.13		0.13		—	
J-QC/FFB	1.77		0.13		0.07		—	
	1.30	J-QC/FFB	0.11		0.07		—	
	0.776		0.20		0.16	J-QC/FFD/RPO	—	
	0.908		0.23		0.19		—	
	1.18	J-QC/FFB	0.27		0.12	J-QC/FFB/FFDRPO	—	
	0.985		0.15		0.15		—	
	1.05	J-QC/FFB	0.15	J-QC/FFD/RPO	0.15		—	
	0.709		0.16		0.13		—	
	0.656		0.17		0.14		—	
J-HT/EHT	0.893		0.10	J-QC/FFD/RPO	0.12		—	
	0.909		0.23	J-QC/FFB/FFDRPO	0.14		—	
	0.970	J-QC/FFB	0.21		0.16		—	
J-QC/FFB	0.796		0.18	J-QC/FFB	0.16		—	
J-QC/FFB	1.21		0.18		0.18		—	
	1.54	J-QC/FFB	—	NAP	—	NAP	—	
	1.79		0.10		0.19		—	
	0.883		0.16		<0.05	K	—	
J-HT/EHT	1.19	J-QCJ-HT/FFB/EHT	0.12	J-QC/FFD/RPO	0.12	J-QC/FFD/RPO	—	
J-QC/FFB	1.01	J-QC/FFB	0.19		0.13		—	
J-QC/FFB	1.11		0.14		0.18		—	
	1.20		0.16		0.07		—	NA
	1.02	J-QC/FFB	0.10		0.09		—	NA
	1.43		0.17		0.16		—	NA
	1.09		0.22		0.15		—	NA
	1.19		0.14		0.13	J-QC/FFD/FLDRPO	—	NA
	1.01	J-QC/FLS	0.13		0.09		—	NA
J-QC/FFB	0.622		0.15	J-QC/FFB	0.11		—	NA
J-R	1.02		0.27	J-QC/FFB	0.10	J-QC/FFB/FFDRPO	—	NA
	1.01		0.28		0.19		—	NA
	1.13		0.20		0.16	J-QC/FLD/RPOFLS	—	NA
	0.5452		0.21		0.18		—	NA
	1.78		0.22		0.20		—	NA
J-QC/FFB	0.384		0.22		0.19		—	NA

	1.15		0.24		0.19		—	NA
	0.789		0.24		0.20		—	NA
	0.573		0.28	J-QC/FFB	0.19		—	NA
	0.834		0.19	J-QC/FLS	0.18		—	NA
	0.858	J-QC/FFD/RPO	0.20		0.16		—	NA
	0.744		0.26		0.20		—	NA
	1.84		0.51	J-QC/FFD/RPO	0.16		—	NA
J-QC/FFB	1.56		0.16	J-QC/FFB	0.12		—	NA
	1.61		0.15		0.12		—	NA
[redacted]								
J-QC/FFB	1.7500		0.14		0.08		—	NA
	1.6800	J-QC/FLS	0.11		0.12	J-QC/FLS	—	NA
	1.1523		0.15	J-QC/FFB/FFDRPO	0.16		—	NA
	1.3350		0.12	J-QC/FFB	0.09		—	NA
J-QC/FFB	0.8524		0.14		0.12		—	NA
	0.8610	J-QC/FFB/FFDRPO	0.10		0.08	J-QC/FFD/RPO	—	NA
J-QC/FFD/RPO	1.2137		0.12		0.10		—	NA
J-QC/FFB	0.3490		0.10	J-QC/FFB	0.05		—	NA
J-QC/FFB	1.0200	J-QC/FFB/FLS	0.13		0.12		—	NA
	1.1382		0.17	J-QC/FLD/RPO	0.13	J-QC/FFB	—	NA
J-QC/FFB	0.8354		0.20		0.16		—	NA
J-QC/FFB	0.7053		0.23		0.16		—	NA
J-QC/FFB	0.3237	J-QC/FFD/RPO	0.23		0.20		—	NA
	0.8897	J-QC/FFB	0.23	J-QC/FFB	0.19		—	NA
	0.8590		0.17		0.15		—	NA
	0.8265	J-QC/FFB	0.19		0.15	J-QC/FFB	—	NA
	1.1303	J-QC/FFD/RPO	0.11		0.11	J-QC/FFB/FFDRPO	—	NA
	1.6226		0.06		0.09		—	NA
	1.4210		0.11	J-QC/FFB	0.08		—	NA
K	1.2082		0.12		0.10		—	NA
J-QC/FFB	1.7091		0.09		0.08		—	NA
[redacted]								
J-QC/FFB	1.3659		0.08	J-QC/FFB	0.07		—	NA
J-QC/FFB	1.8238	J-QC/FFB	0.10		0.08		—	NA
	1.4928	J-QC/FFB	0.10		0.07		—	NA
J-QC/FFB	1.5308	J-QC/FFB	0.15		0.12		—	NA
J-QC/FFB	1.4738		0.12		0.08		—	NA
J-QC/FFB	1.2274		0.13	J-QC/FFD/RPO	0.11		—	NA
J-QC/FFB	1.1138		0.20		0.19		—	NA
J-QC/FFB	1.1694		0.17		0.15		—	NA
J-QCJ-HT/FFB/EHT	0.6171		0.09		<0.01	KJ-QC/FFD/RPO	—	NA
J-QC/FFB	1.3680		0.16		0.14		—	NA
	0.7604	J-HT/EHT	0.13		0.10		—	NA
	1.6113	J-QC/FLS	0.14		0.12		—	NA
J-QC/FFB	1.0634		0.12	J-QC/FFD/RPO	0.12		—	NA
	0.6905		0.19		0.18		—	NA
	1.2655		0.25		0.18		—	NA
J-QC/FFB	0.8097	J-QC/FFD/RPO	0.20		0.19		—	NA
	1.0372		0.20		0.15		—	NA
J-QC/FFB	0.9474		0.21		0.18		—	NA

J-QC/FFB	1.3969		0.22		0.18		—	NA
J-QC/FFB	1.1022		0.27		0.18		—	NA
J-QC/FFB	1.1409		0.14		0.11		—	NA
J-QCJ-HT/FFB/EHT	1.2495	J-QC/FFB/FFDRPO	0.14		0.10		—	NA
[redacted]								
[redacted]	1.3667	[redacted]	0.15	[redacted]	0.14	J-QC/FLD/RPO	—	NA
J-QC/FFB	1.6645	J-HT/EHT	0.11	J-QC	0.09	J-QC	—	NA
J-QC/FFB	1.3944	J-QC/FFB	0.13	J-QC	0.10	J-QC	—	NA
J-QC/FFB	1.6336	[redacted]	0.11	[redacted]	0.09	I-QC/FFB/FFDFLDRPC	—	NA
J-QC/FFB	1.3822	[redacted]	0.15	J-QC/FFD/RPO	0.19	J-QC	—	NA
J-QC/FFB	1.6413	J-QC/FFB	0.16	[redacted]	0.18	J-QC	—	NA
[redacted]	0.7485	[redacted]	0.19	[redacted]	0.14	[redacted]	—	NA
J-QC/FFB	1.0268	[redacted]	0.15	[redacted]	0.11	[redacted]	—	NA
[redacted]	1.2674	[redacted]	0.07	[redacted]	0.15	[redacted]	—	NA
J-QC/FFB	1.0063	[redacted]	0.13	J-QC/FLD/RPO	0.13	[redacted]	—	NA
J-QC/FFD/RPO	1.5463	[redacted]	0.13	[redacted]	0.12	J-QC	—	NA
[redacted]	0.5611	[redacted]	0.15	[redacted]	0.11	[redacted]	—	NA
[redacted]	0.4602	[redacted]	0.12	J-QC	0.11	J-QC	—	NA
[redacted]	0.6437	[redacted]	0.17	[redacted]	0.14	[redacted]	—	NA
J-QC/FFD/RPO	0.8353	[redacted]	0.20	J-QC/FLD/RPO	0.19	J-QC/FLD/RPO	—	NA
[redacted]	0.8114	J-QC/FFB/FLS	0.19	[redacted]	0.16	[redacted]	—	NA
J-QC/FFB/FFDRPO	0.2646	J-QC/FFB/FFDRPO	0.18	J-QC/FFD/RPO	0.16	J-QC/FFD/RPO	—	NA
[redacted]	1.2009	[redacted]	0.26	J-QC/FFD/RPO	0.22	J-QC/FFD/RPOFMS	—	NA
[redacted]	0.9847	[redacted]	0.21	[redacted]	0.19	[redacted]	—	NA
J-QC/FFB	0.9984	[redacted]	0.18	J-QC	0.16	J-QC	—	NA
J-QC/FFB	1.2746	J-QC/FLS	0.18	J-QC	0.15	J-QC	—	NA
[redacted]	1.1748	[redacted]	0.18	[redacted]	0.13	[redacted]	—	NA
[redacted]								
J-QC/FFB	1.4140	J-QC/FLS	0.12		0.12		—	NA
	1.5022		0.11		0.08		—	NA
J-QC/FFB	1.5085	J-QC/FLS	0.11		0.05		—	NA
	1.2575		0.09	J-QC/FFB	0.07	J-QC/FFB	—	NA
J-QC/FFB	1.2378	J-QCJ-HT	0.11		0.08		—	NA
	0.8535		0.10		0.09	J-QC/FFB	—	NA
J-QC/FFB	0.7566		0.13	J-QC/FMS	0.07		—	NA
J-QC/FFB	1.1220		0.11		0.10		—	NA
J-QCJ-HT/FFB	1.1246	J-QC/FLS	0.14	J-QC/FFB	0.09		—	NA
	0.6645	J-QC/FLS	0.13		0.10		—	NA
	0.8446		0.12		0.10		—	NA
J-QC/FFB	0.9094		0.17		0.12		—	NA
J-QC/FFB	0.8174		0.15		0.13		—	NA
J-QC/FFB	1.6388		0.18		0.16		—	NA
J-QC/FFB	1.5371		0.18		0.12		—	NA
J-QC	2.0116		0.17		0.13		—	NA
[redacted]								

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]		
3.7	0.00	0.00
4.3	0.00	0.36
[redacted]		
1.7	0.00	0.00
4.8	1.09	1.53
5.8	0.09	0.09
2.8	0.00	0.00
6.8	0.18	0.18
3.2	0.00	0.00
3.1	0.00	0.00
7.9	0.00	0.00
<0.5	0.00	0.00
8.5	0.00	0.09
4.9	0.00	0.00
7.6	0.00	0.39
5.1	0.00	0.00
6.3	0.00	0.00
0.5	0.00	0.00
6.7	0.00	0.00
3.6	0.08	0.61
<0.5	0.00	0.00
5.1	0.00	0.00
3.5	0.00	0.00
4.2	0.00	0.01
5.3	0.21	0.24
[redacted]		
0.9	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.29
1.2	0.00	0.00
1.0	0.00	0.00
0.6	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
4.7	0.00	0.66
2.2	0.00	0.95
5.3	0.00	0.00
3.7	0.04	0.04
—	0.00	0.00
7.1	0.01	0.01
3.2	0.00	0.00
2.8	0.00	0.03
3.2	0.00	0.00
2.8	0.00	0.01
3.2	0.00	0.00
2.2	0.00	0.00

3.2	0.00	0.00	[redacted]
7.7	0.48	0.48	
7.4	0.00	0.00	
[redacted]			
5.5	0.12	0.12	
4.1	0.00	0.00	
3.9	0.00	0.00	
3.6	0.00	0.00	
4.9	0.00	0.00	
5.1	0.01	0.48	
9.7	0.00	0.00	
—	0.00	0.00	
2.7	0.00	0.00	
—	0.03	0.15	
—	0.00	1.56	
—	0.00	0.00	
7.0	0.00	0.00	
5.8	0.00	0.00	
5.6	0.00	0.00	
5.9	0.27	0.84	
—	0.00	0.02	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
3.0	0.00	0.00	
3.0	1.11	1.11	
4.1	0.00	0.00	
4.2	0.00	0.04	
1.7	0.00	0.00	
1.2	0.00	0.00	
[redacted]			
3.6	0.00	1.58	
1.1	0.00	0.00	
1.7	0.02	0.02	
1.7	0.42	0.42	
1.7	0.00	0.66	
4.6	0.00	0.00	
0.7	0.00	1.09	
4.6	0.00	0.00	
5.5	0.00	0.00	
5.1	0.00	0.00	
4.8	0.00	0.00	
1.4	0.01	0.01	
2.9	0.01	0.09	
5.7	0.00	0.06	
[redacted]			
2.0	0.00	0.00	
3.7	0.05	0.10	
4.4	0.00	0.00	

3.9		0.00	0.00
5.1		0.00	0.48
5.5		0.00	0.14
4.6		0.00	0.00
6.3		0.00	0.04
4.8		0.14	0.15
5.5		0.00	0.80
5.6		0.00	0.00
4.0		0.00	0.00
4.7		0.00	0.71
4.7		0.00	0.00
5.4		0.00	0.00
3.3		0.00	0.00
4.5		0.15	0.15
3.4		0.00	0.00
[redacted]			
4.8	J-QC/FFB	0.00	0.00
3.7	J-QC/FFB	0.00	0.00
4.3	J-QC/FFB	0.00	0.00
7.0		1.47	2.10
6.1	J-QC/FFB	0.10	0.10
4.9		0.92	1.35
8.2	J-QC/FFB/FFDRPO	0.01	0.68
5.0		0.43	0.43
5.2	J-QC/FFB	0.08	0.08
5.0		0.00	0.00
5.2	J-QC/FFB	0.00	0.15
8.1	J-QC/FFB	0.00	0.00
5.0	J-QC/FFB	0.08	0.12
4.5		1.13	1.13
—	NAP	0.00	0.00
4.7	J-QC/FFB	0.00	0.00
4.3	J-QC/FFB	0.00	0.00
3.7		0.00	0.30
3.8	J-QC/FFB	0.00	0.00
4.1	J-QC/FFB	0.00	0.00
[redacted]			
7.10		0.10	1.32
3.60		0.00	0.00
4.60	J-QC/FFB	0.00	0.47
4.10		0.00	0.01
4.84	J-QC/FFB	0.00	0.00
5.11	J-QC/FFB	0.00	0.00
4.52	J-QC/FFB	0.00	0.18
4.48	J-QC/FFB	0.00	0.00
4.20	J-QC/FFB	0.00	1.69
4.70	J-QC/FFB	0.00	0.05
3.80	J-QC/FFB	0.00	0.00
3.90	J-QC/FFB	0.00	0.00
4.80	J-QC/FFB	0.00	0.00

4.90	J-QC/FFB	0.00	1.24
3.80	J-QC/FFB	0.00	0.00
5.50	J-QC/FFB	0.00	0.00
4.50	BJ-QC/FBK/FFB	0.00	0.93
3.80	J-QC/FFB	0.00	0.00
3.60	J-QC/FFB	0.00	0.16
5.00		0.00	0.01
4.10		0.00	0.00
4.70		0.00	0.00
[redacted]			
3.9		0.00	0.00
4.5	J-QC/FFB	0.00	0.00
6.1		0.00	0.00
3.2	J-QC/FFB	0.04	0.04
3.7	BJ-QC/FBK/FFB	0.00	0.00
3.1	BJ-QC/FBK/FFB	0.00	0.00
4.0		0.00	0.00
3.6	J-QC/FFB	0.00	0.00
3.5	J-QC/FFB	0.49	0.53
4.2	J-QC/FFB	0.00	0.00
0.5	J-QC/FFB	0.00	0.00
4.9	J-QC/FFB	0.17	0.17
4.6	J-QC/FFB	0.00	0.00
4.6	J-QC/FFB	1.32	1.32
7.7	J-QC/FFB	0.00	0.22
7.6	J-QC/FFB	0.00	0.00
4.4	J-QC/FFB	0.00	0.00
3.7	J-QC/FFB	0.08	0.12
4.7		0.00	0.00
5.6	J-QC/FFD/RPO	0.00	0.00
2.4	J-QC/FFB/FFDRPO	0.03	0.03
[redacted]			
2.7		0.14	0.14
3.4		0.02	0.02
3.4	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
2.1		0.02	0.02
3.2		0.20	0.82
3.2	J-QC/FFB	0.21	0.48
5.2	J-QC/FFB	0.00	0.18
3.6	BJ-QC/FBK/FFB	0.40	0.60
1.5	J-QC/FFB	0.58	0.60
5.6	B/FBK	0.00	0.93
4.0	BJ-QC/FBK/FFBFFDRPO	0.00	0.00
3.4	B/FBK	0.00	0.00
4.2	J-QC/FFB	0.00	0.00
5.1	J-QC/FFB	0.03	0.07
4.7	J-QC/FFB	0.00	0.00
3.0	J-QC/FFB	0.00	0.00
2.4		0.00	0.00
2.5	J-QC/FFD/RPO	0.01	1.01

2.9	J-QC/FFB	0.00	0.00
3.6	J-QC/FFB	0.00	0.00
3.4	BJ-QC/FBK/FFB	0.00	0.00
3.1	J-QC/FFB	0.00	0.02
[redacted]			
3.79	BJ-QC/FBK/FFB	0.00	0.00
4.00	J-QC/FFB	0.00	0.00
3.61	BJ-QC/FBK/FFB	0.00	0.00
3.0	J-QC	0.00	0.00
3.5		0.00	0.00
3.5	J-QC/FFB/FLDRPO	1.15	1.15
4.6		0.00	0.00
3.9	J-QC	0.00	0.00
5.5		0.00	0.96
7.3	J-QC/FFB	1.29	1.29
4.5	J-QC/FFD/FLDRPO	0.00	0.00
3.8		0.00	0.01
3.9	J-QC/FFB	0.00	0.00
6.7	J-QC	0.00	0.02
4.7	J-QC	0.00	0.00
18.0	J-QC/FFB	0.00	0.00
2.9	J-QC/FFD/RPO	0.00	0.00
4.4	J-QC/FFD/RPO	0.00	0.04
3.2		0.00	0.00
4.12	J-QC/FFB	0.00	0.00
3.9	J-QC/FLD/RPO	0.00	0.00
4.55		0.00	0.00
[redacted]			
4.2		0.00	0.07
3.1		0.00	0.00
3.6		0.07	0.74
4.0		0.00	0.00
3.2		0.00	0.08
4.5		0.00	0.00
5.3		0.00	0.00
4.2		0.02	0.02
3.0		0.00	0.49
2.8		0.00	0.00
4.2		0.00	0.55
2.6		0.00	0.00
2.5		0.03	0.03
3.0		0.00	0.00
5.1		0.00	0.00
3.8		0.00	0.08
[redacted]			

Station #28 Upper Raritan Bay	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 3, 2003	11:50	6.20	7.1	9.30
December 18, 2003	10:55	6.40	3.8	9.71
2004				
February 26, 2004	12:50	8.51	3.6	14.93
April 13, 2004	12:00	7.19	8.1	12.45
June 10, 2004	11:35	7.36	24.0	5.80
June 17, 2004	11:30	7.56	22.3	11.75
June 24, 2004	11:30	7.69	—	5.32
June 29, 2004	11:55	7.75	21.5	2.00
July 15, 2004	12:05	7.16	22.4	3.40
July 22, 2004	10:25	7.48	24.2	3.40
July 29, 2004	10:30	6.92	21.4	4.62
August 5, 2004	11:20	7.27	25.02	4.54
August 12, 2004	11:18	7.00	23.63	4.08
August 19, 2004	10:55	7.48	23.53	5.18
August 26, 2004	11:15	7.48	23.44	6.45
September 2, 2004	12:45	7.63	24.75	5.59
September 23, 2004	10:55	7.21	21.00	4.40
September 30, 2004	11:30	6.69	20.33	5.35
October 13, 2004	11:30	7.39	17.63	6.20
October 28, 2004	11:20	7.50	12.8	7.20
November 9, 2004	11:10	—	10.9	7.56
November 23, 2004	11:03	7.43	9.84	7.81
December 9, 2004	10:53	7.40	7.37	9.84
2005				
March 10, 2005	12:06	—	2.50	15.87
April 14, 2005	11:21	—	11.37	12.9
April 28, 2005	11:19	7.80	12.04	9.44
May 4, 2005	12:18	7.57	12.76	9.38
May 12, 2005	11:04	7.70	14.50	9.33
May 16, 2005	11:24	7.81	17.06	9.94
June 9, 2005	11:11	7.28	19.97	6.41
June 14, 2005	11:20	7.48	21.52	6.12
June 23, 2005	11:30	7.34	21.53	6.56
July 7, 2005	11:14	7.46	24.47	6.10
July 21, 2005	12:36	7.17	25.90	2.69
July 27, 2005	11:39	7.15	27.26	4.28
August 4, 2005	11:02	7.57	26.81	7.38
August 9, 2005	11:01	7.25	25.66	2.67
August 18, 2005	10:39	7.33	25.48	3.86
August 23, 2005	11:30	8.50	25.44	4.40
September 1, 2005	—	—	—	—
September 6, 2005	—	—	—	—
September 15, 2005	10:57	7.38	24.53	4.46
September 22, 2005	11:35	7.33	24.05	4.26
October 4, 2005	11:59	7.38	21.13	5.68

October 20, 2005		11:13	7.68	16.40	7.79
November 21, 2005		11:05	7.75	11.45	8.88
December 19, 2005		12:21	7.57	4.47	12.75
2006					
January 17, 2006		11:54	7.76	4.12	16.09
February 16, 2006		11:21	7.69	3.24	14.82
February 28, 2006		11:13	8.09	2.95	13.76
March 28, 2006		10:52	8.45	7.03	17.52
April 19, 2006		10:48	8.13	12.97	12.37
April 25, 2006		10:49	7.16	12.65	7.14
May 3, 2006		10:47	7.57	14.84	8.47
May 8, 2006		10:30	7.59	15.53	9.68
June 15, 2006		11:37	7.67	19.29	10.23
June 22, 2006		11:01	7.48	21.31	6.47
June 27, 2006		11:37	7.22	22.10	5.41
July 13, 2006		11:05	7.32	20.75	6.33
July 20, 2006		10:14	7.34	25.10	5.60
July 25, 2006		11:17	7.08	24.53	3.91
August 1, 2006		11:28	7.55	25.41	6.38
August 8, 2006		11:05	7.77	24.66	7.09
August 22, 2006		10:56	7.45	24.99	4.23
August 30, 2006		11:35	7.26	22.29	4.68
September 7, 2006		11:29	7.19	20.71	5.41
September 13, 2006		11:23	7.27	20.95	6.74
September 19, 2006		11:11	7.17	21.54	4.72
September 26, 2006		11:30	7.69	20.40	8.82
October 3, 2006		11:36	7.46	19.08	5.83
October 17, 2006		11:47	7.45	15.55	6.67
October 31, 2006		11:47	7.39	12.22	8.06
November 15, 2006		11:36	7.19	13.21	7.58
November 28, 2006		12:03	7.31	10.80	7.26
December 12, 2006		11:46	7.57	7.43	9.73
2007					
January 9, 2007		11:43	8.02	7.97	9.33
January 23, 2007		12:02	7.47	4.50	9.33
March 22, 2007		10:32	8.13	4.70	15.72
May 1, 2007	A	11:38	7.41	11.83	12.35
May 1, 2007	B	11:38	—	—	—
May 17, 2007		11:21	7.56	16.16	8.22
Boat engine failure - 5/18/07					
September 5, 2007		11:24	7.16	23.54	5.75
September 12, 2007		11:08	7.28	23.82	5.24
September 27, 2007		12:04	7.29	22.38	5.44
October 2, 2007		11:28	7.31	21.13	7.08
October 16, 2007		11:47	7.29	18.52	5.47
November 1, 2007		11:32	7.17	15.62	6.73
November 29, 2007		11:29	—	8.67	8.24
December 11, 2007		11:07	—	5.75	8.63
December 20, 2007		11:23	—	3.86	11.29
2008					

January 8, 2008		11:14	—		4.85		10.69
February 7, 2008		11:50	7.48		4.96		10.36
March 11, 2008		11:28	7.67		5.55		10.66
April 8, 2008		12:04	7.64		8.92		10.38
May 13, 2008		11:59	7.62		13.76		8.54
May 28, 2008		11:32	7.79		15.82		9.09
June 3, 2008		11:07	7.61		17.49		7.56
June 17, 2008		11:30	7.55		23.09		7.45
June 24, 2008		11:57	7.66		22.97		8.35
July 15, 2008		11:58	7.90		24.93		11.24
August 5, 2008		10:24	7.14		25.17		4.11
September 4, 2008		11:39	7.22		24.14		4.32
September 10, 2008		11:22	7.13		23.56		3.74
September 16, 2008		11:03	7.25		22.92		2.73
September 23, 2008		10:50	7.26		20.73		7.83
October 7, 2008		11:00	—		17.73		4.73
November 24, 2008		11:43	7.27		6.94		10.14
December 3, 2008		11:30	7.29		7.20		9.39
2009							
February 10, 2009		10:53	7.67		2.38		11.97
March 18, 2009		10:19	8.14		6.13		19.78
April 30, 2009		12:08	7.68		14.32		—
May 7, 2009		11:22	6.83		14.09		—
May 28, 2009		11:03	7.28		17.53		—
June 4, 2009		10:48	7.54		18.34		—
June 16, 2009		11:30	7.52		19.91		8.05
June 24, 2009		10:57	7.31		20.09		4.40
July 7, 2009	A	11:07	7.72		22.37		6.03
July 7, 2009	B	11:07	—		—		—
July 14, 2009		11:36	7.64		21.74		7.35
July 28, 2009		11:00	—	NAPEFAI/EQF	24.52		6.24
August 4, 2009		11:00	—	NAPEFAI/EQF	24.13		3.30
August 13, 2009		11:27	7.58		23.69		7.66
August 18, 2009		11:12	—	NAPEFAI/EQF	25.05		—
September 1, 2009		10:56	—	NAPEFAI/EQF	23.16		—
September 15, 2009		10:50	—	NAPEFAI/EQF	20.79		—
September 22, 2009		10:43	—	NAPEFAI/EQF	20.60		—
October 19, 2009		11:48	—	NAPEFAI/EQF	11.70		—
November 9, 2009		11:13	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 8, 2009	A	11:20	7.74		8.61		9.22
December 8, 2009	B	11:20	—		—		—
2010							
March 23, 2010	A	11:24	7.56		8.85		10.59
March 23, 2010	B	11:24	—	NA	—	NA	—
April 13, 2010		11:03	7.67		10.81		12.55
May 13, 2010	A	11:08	7.63		12.82		8.82
May 13, 2010	B	11:08	—	NA	—	NA	—
May 20, 2010		11:19	7.57		15.88		8.51
May 26, 2010		11:02	7.67		18.12		8.50
June 8, 2010	A	11:08	8.15		20.19		11.34

June 8, 2010	B	11:08	—	NA	—	NA	—
June 14, 2010		11:22	7.51		21.59		5.97
June 24, 2010	A	11:02	7.79		24.41		9.40
June 24, 2010	B	11:02	—	NA	—	NA	—
July 15, 2010	A	11:00	7.27		26.00		3.95
July 15, 2010	B	11:00	—	NA	—	NA	—
July 20, 2010		10:52	7.39		26.92		4.89
July 27, 2010		11:27	7.56		26.81		5.72
August 3, 2010		10:59	7.49		25.07		5.12
August 10, 2010		11:23	7.47		25.19		4.97
August 17, 2010	A	10:55	7.32		25.51		4.64
August 17, 2010	B	10:55	—	NA	—	NA	—
August 31, 2010	A	11:09	7.83		24.90		9.42
August 31, 2010	B	11:09	—	NA	—	NA	—
September 8, 2010		11:00	7.84		23.72		7.79
September 14, 2010		11:08	8.13		21.72		10.08
September 21, 2010	A	10:46	7.55		20.39		4.68
September 21, 2010	B	10:46	—	NA	—	NA	—
September 29, 2010		11:21	7.44		21.73		5.75
October 6, 2010		11:32	7.28		17.91		6.41
November 15, 2010		11:43	7.56		10.52		9.75
December 8, 2010	A	11:35	7.64		5.48		10.98
December 8, 2010	B	11:35	—	NA	—	NA	—
2011							
January 5, 2011		11:18	7.83		2.24		12.42
February 17, 2011		11:13	7.85		2.94		18.04
March 9, 2011	A	11:15	7.42		6.16		12.51
March 9, 2011	B	11:15	—	NA	—	NA	—
April 11, 2011	A	11:10	7.55		8.42		10.70
April 11, 2011	B	11:10	—	NA	—	NA	—
May 3, 2011	A	11:08	7.46		14.42		9.30
May 3, 2011	B	11:08	—	NA	—	NA	—
May 10, 2011		11:40	7.16		14.58		9.11
May 25, 2011	A	11:30	7.29		19.93		6.68
May 25, 2011	B	11:30	—	NA	—	NA	—
June 7, 2011		11:18	8.31		19.87		12.41
June 14, 2011		11:13	7.39		20.66		5.27
June 28, 2011	A	11:38	7.71		24.09		8.07
June 28, 2011	B	11:38	—	NA	—	NA	—
July 6, 2011		11:25	7.53		23.93		6.47
July 13, 2011		11:00	7.67		25.60		6.93
July 28, 2011	A	11:08	7.64		26.26		6.02
July 28, 2011	B	11:08	—	NA	—	NA	—
August 9, 2011		11:35	7.52		26.33		5.32
August 17, 2011	A	11:18	7.16		24.21		3.83
August 17, 2011	B	11:18	—	NA	—	NA	—
August 24, 2011		11:08	7.12		22.86		5.50
September 14, 2011	A	11:25	7.28		22.19		5.38
September 14, 2011	B	11:25	—	NA	—	NA	—
September 21, 2011		11:18	7.40		19.74		5.78

September 29, 2011		10:14	7.29		21.20		4.80
October 25, 2011	A	11:26	7.48		15.65		6.54
October 25, 2011	B	11:26	—	NA	—	NA	—
November 2, 2011		11:22	7.50		11.20		8.61
December 20, 2011	A	11:13	7.61		6.88		10.14
December 20, 2011	B	11:13	—	NA	—	NA	—
2012							
January 11, 2012		11:09	7.80		6.47		10.04
February 8, 2012	A	11:23	7.68		6.07		10.63
February 8, 2012	B	11:23	—	NA	—	NA	—
March 7, 2012		11:34	8.22		6.45		14.62
April 19, 2012	A	11:43	7.70		14.48		9.01
April 19, 2012	B	11:43	—	NA	—	NA	—
May 2, 2012		11:24	7.47		14.05		8.83
May 10, 2012		11:36	7.43		16.13		7.91
May 17, 2012		11:05	7.49		18.32		7.60
May 23, 2012	A	10:47	7.46		20.67		6.62
May 23, 2012	B	10:47	—	NA	—	NA	—
June 6, 2012		10:34	—	NAPEFAI/EQF	19.75		3.94
June 14, 2012		10:50	—	NAPEFAI/EQF	21.89		3.91
June 20, 2012	A	10:40	—	NAPEFAI/EQF	23.92		4.25
June 20, 2012	B	10:40	—	NA	—	NA	—
June 28, 2012		10:58	—	NAPEFAI/EQF	22.84		3.69
July 12, 2012		11:09	7.87		26.16		8.17
July 24, 2012		11:12	7.55		24.27		5.86
July 31, 2012	A	10:38	7.36		25.61		4.91
July 31, 2012	B	10:38	—	NA	—	NA	—
August 22, 2012		10:55	7.34		24.90		3.49
September 11, 2012		11:34	7.70		23.18		7.06
September 19, 2012		11:25	7.54		22.29		5.98
September 25, 2012		11:18	7.50		20.26		6.13
October 18, 2012	A	10:24	7.72		15.42		6.74
October 18, 2012	B	10:24	—	NA	—	NA	—
November 29, 2012		09:45	7.73		7.13		9.63
December 5, 2012	A	10:10	7.72		8.27		10.77
December 5, 2012	B	10:10	—	NA	—	NA	—
2013							
January 8, 2013		09:50	7.70	[redacted]	4.20		11.18
February 6, 2013	A	09:44	7.74	[redacted]	2.61		11.96
February 6, 2013	B	09:44	—	NA	—	NA	—
March 13, 2013		09:27	7.79	[redacted]	6.11		12.54
April 2, 2013	A	09:36	7.99	[redacted]	6.68		12.84
April 2, 2013	B	09:36	—	NA	—	NA	—
May 2, 2013		11:42	7.81	[redacted]	15.33		10.32
May 7, 2013	A	11:30	7.75	[redacted]	15.74		9.17
May 7, 2013	B	11:30	—	NA	—	NA	—
May 15, 2013		10:48	7.37	[redacted]	14.93		6.77
May 21, 2013		10:54	7.46	[redacted]	16.76		6.33
June 4, 2013	A	10:44	7.44	[redacted]	19.94		6.56
June 4, 2013	B	10:44	—	NA	—	NA	—

June 12, 2013		11:10	7.36	[redacted]	19.25		6.57
June 19, 2013	A	11:09	7.52	[redacted]	20.27		6.24
June 19, 2013	B	11:09	—	NA	—	NA	—
June 26, 2013		11:30	7.71	[redacted]	21.41		6.45
July 11, 2013		10:46	7.54	[redacted]	22.05		4.94
July 25, 2013		10:59	7.55	[redacted]	24.35		5.62
July 30, 2013		11:35	7.49	[redacted]	24.78		5.48
August 15, 2013	A	10:58	7.51	[redacted]	23.43		6.18
August 15, 2013	B	10:58	—	NA	—	NA	—
August 21, 2013		11:46	7.55	[redacted]	23.16		4.10
September 11, 2013		11:17	7.43	[redacted]	22.51		5.78
September 17, 2013		11:24	7.41	[redacted]	19.73		5.37
September 24, 2013	A	11:04	7.62	[redacted]	18.45		7.15
September 24, 2013	B	11:04	—	NA	—	NA	—
October 2, 2013		11:10	7.69	[redacted]	19.28		8.12
November 20, 2013	A	11:30	7.73	[redacted]	7.86		10.31
November 20, 2013	B	11:30	—	NA	—	NA	—
December 4, 2013		11:41	7.42	[redacted]	5.67		10.65
2014							
January 16, 2014		11:31	7.08		2.99		12.45
March 10, 2014	A	11:47	7.48		2.87		13.52
March 10, 2014	B	11:47	—	NA	—	NA	—
April 9, 2014		11:21	7.41		8.22		11.48
May 7, 2014		11:18	7.12		12.06		10.59
May 12, 2014		11:15	7.27		13.56		8.64
May 28, 2014	A	11:19	7.07		15.90		7.71
May 28, 2014	B	11:19	—	NA	—	NA	—
June 17, 2014		11:21	7.59		20.57		10.23
June 25, 2014		11:11	7.47		21.78		8.28
July 9, 2014		11:24	7.36		22.08		5.51
July 30, 2014	A	11:03	7.50		22.47		5.63
July 30, 2014	B	11:03	—	NA	—	NA	—
August 14, 2014		11:07	6.30		22.61		5.20
August 26, 2014		10:55	7.70		23.19		6.07
September 9, 2014		11:41	7.42		22.08		5.40
October 2, 2014	A	11:00	7.40		19.86		6.14
October 2, 2014	B	11:00	—	NA	—	NA	—
November 20, 2014		11:21	7.18		6.93		6.16
December 4, 2014	A	11:08	7.45		6.27		11.90
December 4, 2014	B	11:08	—	NA	—	NA	—
[redacted]							

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	96.1	17.1	3	14
	58.7	6.1	2	34
[redacted]				
	129.9	23.2	3	17
	118.2	17.7	2.5	26
	70.0	—	3.5	16
	135.6	—	5.5	14
	63.2	—	5	17
	—	—	3	17
	34.0	—	3	9
	36.0	—	5	15
	55.4	—	1.5	30
	60.7	16.87	4	10
	53.5	21.84	5	20
	68.9	21.96	5	44
	84.2	17.47	3	25
	75.7	20.21	4.5	13
	54.4	16.51	6	3
	64.0	12.84	1	26
	74.4	22.48	4	22
	75.6	19.7	4	16
	76.3	17.6	3	14
	79.9	19.76	4	18
	87.3	9.77	1.5	16
[redacted]				
	129.8	16.50	2	18
	126.2	10.02	4	10
	98.4	18.52	3	16
	98.7	17.41	2.5	12
	103.5	20.40	3	18
	114.5	18.20	2	12
	80.6	23.19	4	22
	80.2	24.71	4	16
	87.1	26.97	4.5	20
	85.0	26.77	3	20
	38.4	26.67	3.5	12
	61.4	23.11	3	19
	106.8	25.24	3	14
	37.6	24.43	4.5	10
	54.6	26.00	3	21
	62.3	25.86	4	32
	—	—	—	40
	—	—	—	44
	61.7	25.25	3	36
	59.7	28.03	3	17
	74.7	26.70	4	20

87.6	15.96	4	14
94.4	23.67	6	32
113.9	22.03	2	51
[redacted]			
138.8	17.75	2	19
115.2	5.69	3	18
122.4	26.77	2	34
168.2	23.26	2	38
134.6	22.01	3	24
73.5	14.72	1	24
94.2	19.13	2	23
110.2	20.55	3	22
126.1	23.10	5	22
85.0	26.09	5	20
69.9	19.41	—	18
81.3	23.65	—	22
76.7	21.48	—	20
53.5	23.39	—	21
89.1	23.46	—	26
99.1	26.30	3	26
59.5	26.76	3	30
61.6	23.33	4	20
69.4	24.41	3	20
88.3	26.92	5	16
60.0	19.78	4	16
113.8	—	5	20
72.8	24.89	4	21
77.0	22.68	3	26
83.7	17.31	3	59
79.2	15.18	2	10
74.3	20.02	6	30
95.3	24.61	4	26
[redacted]			
83.1	8.77	1	26
83.6	22.09	3.5	24
142.1	22.71	2	30
124.8	14.80	2	21
—	—	—	24
96.1	22.77	2	30
77.8	24.90	6	30
72.6	27.90	—	22
73.9	28.50	6	28
92.0	24.52	7	34
68.4	26.62	7	24
78.2	23.93	6	24
82.8	24.46	5	24
81.7	25.68	6	16
98.8	20.70	3	35
[redacted]			

	97.0		22.89		3		33	
	91.0		18.22		1		42	
	—		15.88		1		28	
	100.9		18.32		2		34	
	87.4		9.25		2		48	
	103.8		20.18		5		14	
	90.8		23.28		5		26	
	99.4		22.75		5		17	
	112.4		24.86		4		19	
	156.0		23.79		2		20	
	57.4		24.82		4		37	
	60.1		27.15		7		10	
	50.6		24.58		4		13	
	35.4		22.96		5		15	
	98.8		22.65		5		21	
	57.7		24.80		5		13	
	94.5		20.62		3		24	
	90.0		22.46		4		18	
[redacted]								
	103.1		24.02		2		28	
	181.6		19.64		3		24	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.15		—	NAP	23	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	9.24		2		19	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	21.78		4		16	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.31		5		14	
	94.2		10.67		2		14	J-QC/FFB
	54.4		19.82		4		14	J-QC/FFB
	78.4		20.95		5		40	J-QC/FFB
	—		—		—		41	J-QC/FFB
	96.6		23.08		4		45	
	83.3		18.84		4		16	
	43.3		16.67		1		18	J-QC/FFD/RPO
	104.1		23.06		3		45	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	22.98		3		19	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.66		4		14	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	21.44		5		37	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.98		6		17	
NAPEFAI/EQF	—	NAPEFAI/EQF	26.75		4		24	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	8		16	J-QC/FFD/RPO
	92.2		23.86		4		19	
	—		—		—		24	
[redacted]								
	98.4		11.61		2		11	
NA	—	NA	—	NA	—	NA	12	
	127.7		18.64		4		40	
	94.3		19.61		3		60	J-QC/FFB
NA	—	NA	—	NA	—	NA	50	J-QC/FFB
	96.8		17.92		4		34	
	101.2		19.64		2		38	J-QC/FFD/RPO
	144.2		23.26		3		52	

NA	—	NA	—	NA	—	NA	70	
	76.5		23.01		2		50	
	128.4		22.84		2		50	
NA	—	NA	—	NA	—	NA	50	
	54.2		18.15		2		20	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	13	J-QC/FFD/FLDRPO
	68.3		20.30		3		31	
	82.5		24.88		3		61	
	71.0		23.73		5		42	
	69.9		26.31		2		18	
	66.0		25.98		5		58	
NA	—	NA	—	NA	—	NA	54	
	138.5		—	NAPEFAI/EQF	4		44	
NA	—	NA	—	NA	—	NA	48	
	106.2		24.56		4		46	J-QC/FLD/RPO
	132.1		23.64		5		52	
	59.8		25.34		6		58	
NA	—	NA	—	NA	—	NA	56	
	75.1		23.33		5		48	
	75.1		18.05		3		18	
	98.0		18.31		5		12	J-QC/FFD/RPO
	100.1		20.99		3		56	
NA	—	NA	—	NA	—	NA	56	
[redacted]								
	105.3		22.66		4		23	J-QC/FFD/FLDRPO
	151.3		18.22		3		24	
	108.3		10.95		—	NAP	40	
NA	—	NA	—	NA	—	NA	43	
	104.7		20.66		5		16	
NA	—	NA	—	NA	—	NA	18	
	99.3		13.87		5		30	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	32	J-QC/FLD/RPO
	100.1		17.51		5		54	
	77.3		8.08		5		36	
NA	—	NA	—	NA	—	NA	36	
	153.4		20.31		5		61	
	66.8		21.61		3		52	
	106.5		16.43		2		17	
NA	—	NA	—	NA	—	NA	19	
	86.5		19.74		3		18	
	95.4		20.31		2		20	
	85.1		22.21		5		46	
NA	—	NA	—	NA	—	NA	43	
	77.8		22.26		5		47	
	49.2		14.06		4		30	
NA	—	NA	—	NA	—	NA	24	
	64.7		7.92		3		26	
	65.7		9.95		5		34	
NA	—	NA	—	NA	—	NA	32	
	69.7		—		5		46	

	60.3		18.83		5		44	
	73.8		19.00		1		42	
NA	—	NA	—	NA	—	NA	38	
	86.1		15.25		3		38	J-QC/FFD/RPO
	91.4		14.13		3		38	
NA	—	NA	—	NA	—	NA	46	
[redacted]								
	94.8		22.80		5		58	
	100.1		23.79		4		58	
NA	—	NA	—	NA	—	NA	58	
	136.3		20.84		3		67	
	102.6		24.52		4		114	
NA	—	NA	—	NA	—	NA	107	
	95.9		18.77		2		60	J-QC/FFD/RPO
	91.2		20.53		2		50	
	87.3		13.97		3		38	
	80.2		15.49		3		44	
NA	—	NA	—	NA	—	NA	40	
	48.4		20.30		5		50	
	46.8		7.53		2		24	J-QC/FFD/RPO
	56.8		19.87		7		52	
NA	—	NA	—	NA	—	NA	56	
	48.1		19.34		4		19	
	114.2		22.26		3		32	
	77.4		12.23		2		21	J-QC/FLD/RPO
	68.4		22.63		2.5		46	
NA	—	NA	—	NA	—	NA	54	
	48.2		24.44		3		58	J-QC/FFB
	93.7		23.04		4		47	
	79.9		25.79		2		64	
	77.3		22.14		3		65	J-QC/FLD/RPO
	79.1		25.92		4		33	
NA	—	NA	—	NA	—	NA	35	
	95.7		28.12		3		48	
	107.7		24.95		4		50	
NA	—	NA	—	NA	—	NA	56	
[redacted]								
[redacted]	99.6	[redacted]	22.29		2		54	[redacted]
[redacted]	101.1	[redacted]	20.31		2		72	[redacted]
NA	—	NA	—	NA	—	NA	57	[redacted]
[redacted]	115.1	[redacted]	19.48		3		32	J-QC/FFD/FLDRPO
[redacted]	120.5	[redacted]	20.91		3		23	[redacted]
NA	—	NA	—	NA	—	NA	18	[redacted]
[redacted]	117.7	[redacted]	18.86		3		18	[redacted]
[redacted]	104.3	[redacted]	19.59		1		18	[redacted]
NA	—	NA	—	NA	—	NA	20	[redacted]
[redacted]	78.5	[redacted]	25.39		2		51	[redacted]
[redacted]	72.9	[redacted]	18.81		4		42	[redacted]
[redacted]	80.4	[redacted]	18.35		4		48	[redacted]
NA	—	NA	—	NA	—	NA	54	[redacted]

[redacted]	76.1	[redacted]	10.66		3		40	[redacted]
	73.8		12.13		3		33	
NA	—	NA	—	NA	—	NA	36	
[redacted]	83.1	[redacted]	21.73		4.5		34	[redacted]
	65.7		25.61		3		62	
	75.4		20.39		2		55	J-QC
	74.1		14.08		3.5		50	[redacted]
	83.1		23.35		1		56	J-QC/FFB
NA	—	NA	—	NA	—	NA	58	J-QC/FFB
[redacted]	56.1	[redacted]	27.48		1		78	[redacted]
	77.2		25.20		1		65	
	68.9		27.03		3		70	[redacted]
	88.4		24.60		1		61	
NA	—	NA	—	NA	—	NA	54	
[redacted]	102.7	[redacted]	26.09		5		56	
	104.5		28.43		4		17	
NA	—	NA	—	NA	—	NA	17	
[redacted]	98.7	[redacted]	22.92		3		65	
[redacted]								
	102.7		15.37		1		30	J-QC
	110.5		14.37		4		37	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	48	J-QC/FLD/RPO
	103.5		9.29		3		23	
	108.1		14.94		4		30	J-QC/FFB
	91.5		15.63		1		32	J-QC/FFB/FLDRPO
	89.2		21.98		2		43	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	46	J-QC/FLD/RPO
	127.7		19.41		4		46	
	107.5		19.91		2		22	
	72.6		24.21		1		51	
	74.3		22.58		2		41	
NA	—	NA	—	NA	—	NA	42	
	70.2		25.75		2		36	
	83.1		26.91		4		33	
	71.1		23.83		2		48	
	78.6		26.74		2		38	J-QC
NA	—	NA	—	NA	—	NA	31	J-QC
	58.4		21.67		2		38	
	108.1		17.76		1		32	J-QC
NA	—	NA	—	NA	—	NA	30	J-QC
[redacted]								

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.92	<2	0.17	0.035
1.03	3	<0.09	0.029
[redacted]			
0.76	4	<0.19	0.026
0.54	4	<0.19	0.025
0.88	8	0.29	0.075
0.72	2	<0.19	0.056
0.32	5	<0.19	0.052
1.67	<2	<0.19	0.042
2.85	<2	<0.19	0.043
2.53	10	<0.19	0.072
2.43	3	<0.19	0.054
1.19	2	0.23	0.078
2.10	3	<0.19	0.052
2.94	7	<0.19	0.088
2.43	3	<0.19	0.067
1.17	<2	<0.19	0.069
0.77	<2	<0.19	0.104
1.05	<2	<0.19	0.057
0.68	7	<0.19	0.061
0.83	4	<0.19	0.078
0.82	<2	<0.19	0.060
0.76	8	<0.19	0.063
0.85	<2	<0.19	0.043
[redacted]			
1.08	<2	<0.19	0.037
0.57	<2	<0.19	0.022
<1.00	<2	<0.19	0.030
1.15	3	<0.19	0.034
1.12	<2	<0.19	0.047
0.30	<2	<0.19	0.040
0.96	3	<0.27	0.088
1.12	9	<0.27	0.067
1.12	<2	<0.27	0.069
1.24	4	<0.27	0.062
1.14	9	<0.27	0.073
1.60	<2	<0.27	0.085
1.39	8	<0.27	0.068
0.98	5	<0.27	0.074
0.98	<2	<0.27	0.075
1.25	<2	<0.27	0.113
1.18	5	<0.27	0.102
0.97	5	<0.27	0.092
1.04	<2	<0.27	0.110
1.01	7	<0.27	0.118
1.49	6	<0.27	0.156

1.13	<2	<0.27	0.110
0.68	4	<0.27	0.050
0.79	<2	<0.27	0.040
[redacted]			
1.01	6	<0.27	0.03
0.72	5	<0.27	0.022
0.97	3	<0.27	0.025
1.36	7	<0.27	0.039
1.48	4	<0.295	0.035
1.80	6	<0.295	0.033
1.64	10	<0.295	0.062
1.01	—	<0.295	0.062
1.09	8	<0.295	0.046
0.97	6	<0.295	0.041
1.04	—	<0.295	0.064
0.90	—	<0.295	0.038
0.83	—	<0.295	0.394
0.87	<2	<0.295	0.049
1.73	—	<0.295	0.051
1.49	<2	<0.295	0.028
1.59	<2	<0.295	0.065
1.58	<2	<0.295	0.110
<1.00	—	<0.295	0.126
0.37	<2	<0.295	—
1.02	—	<0.295	0.104
0.79	—	<0.295	0.086
<1.00	—	<0.295	0.062
<1.00	—	0.45	0.073
0.78	—	<0.295	0.061
1.02	<2	<0.295	0.027
0.80	<2	0.39	0.043
0.80	—	<0.295	0.043
[redacted]			
1.13	—	<0.295	0.036
0.51	<2	<0.295	0.025
1.49	<2	0.190	0.049
<1.00	<2	0.273	0.017
<1.00	—	0.282	0.018
0.67	<2	0.361	0.041
0.44	3	0.255	0.081
<0.30	<2	0.458	0.110
0.31	<2	0.308	0.118
0.37	<2	0.386	0.141
0.32	<2	0.326	0.113
0.30	<2	0.308	0.130
<0.30	<2	0.467	0.095
<0.30	<2	0.060	0.055
0.56	<2	0.189	0.044
[redacted]			

0.55		<2		0.340		0.038
1.26		<2		0.349		0.033
1.54		<2		0.285		0.023
0.72		<2		0.327		0.032
0.60		<2		0.026	J-R	0.056
<0.30		<2		0.089		0.037
0.32		<2		<0.017		0.045
<0.30		<2		0.108		0.040
<0.30		<2		0.036		0.038
<0.30		4		0.311		0.028
0.46		<2		0.338		0.089
<0.30		<2		0.483		0.091
0.94		—		0.325		0.029
1.44		<2		0.426		0.099
<0.30		<2		0.302		0.111
<0.30		<2		0.532		0.096
<0.30		<2		0.368		0.063
0.70		<2		0.652		0.058
1.06	BJ-QC/FBK/FFB	4	J-QC/FFB/FLS	0.255	J-QC/FMS	0.036
1.88	BJ-QC/FBK/FFB	<2	K	0.341	J-QC/FFB	0.035
1.64	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.334		0.039
2.07	BJ-QC/FBK/FFB	<2	K	0.678		0.042
1.76	BJ-QC/FBK/FFB	<2	K	0.626		0.070
<0.30	KJ-QC/FLS	<2	KJ-QC/FLS	0.099		0.050
0.59	J-QC/FFB	4		0.292		0.055
1.50	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	<0.018	K	0.068
<0.30	KBJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.214		0.044
<0.30	KBJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.198		0.050
0.90	B/FBK	<2	K	0.031	J-R	0.041
1.29	BJ-QC/FBK/FFBFLS	<2	K	0.142		0.046
1.54	BJ-QC/FBK/FFBFLDRPO	<2	K	0.122		0.026
<0.30	KB/FBK	4		0.173		0.061
0.49	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.047
0.84	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.163		0.049
1.26	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	0.188		0.068
<1.00	KJ-QCJ-HT/FLS/EHT	<2	KJ-QC/FFD/RPOFLS	0.112		0.086
<0.30	KBJ-QC/FBK/FFBFFDRPO	—	NRP	0.346	J-HT/EHT	0.077
0.64	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.284		0.067
0.62	BJ-QC/FBK/FFBFLS	<2	K	0.345	J-QC/FFB/FSL	0.062
0.64	BJ-QC/FBK/FFBFLS	<2	K	0.361	J-QC/FFB/FSL	0.062
1.11	BJ-QC/FBK/FFBFLS	<2	K	0.180		0.0137
1.12	BJ-QC/FBK/FFBFLS	<2	K	0.175		0.0150
0.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.206		0.0187
0.61	BJ-QC/FBK/FFBFLS	<2	K	0.121		0.0400
0.62	BJ-QC/FBK/FFBFLS	<2	K	0.111		0.0410
0.53	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	0.075		0.0412
0.68	BJ-QC/FBK/FFBFLS	<2	K	0.181	J-QC/FFB	0.0491
0.50	BJ-QCJ-HT/FBK/FFBEHT	7		<0.0175	K	0.0280

0.56	BJ-QCJ-HT/FBK/FFBEHT	7		<0.0175	K	0.0281
2.68	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.337		0.0496
2.53	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0573
2.82	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0587
0.67	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.387		0.0654
1.32	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.397		0.0578
0.70	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.126	J-QC/FSL	0.0628
0.64	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.294		0.0639
0.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.330		0.0792
0.52	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.241		0.0826
0.57	BJ-QCJ-HT/FBK/FFBEHT	4	J-QC/FLS	0.199		0.0947
0.55	BJ-QCJ-HT/FBK/FFBEHT	4	J-QC/FLS	0.199		0.0957
0.52	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	6	J-QC/FLS	0.131		0.1002
0.40	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	6	J-QC/FLS	0.126		0.1043
0.62	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FLS	0.079	J-QC/FFD/RPOFMS	0.0445
0.53	BJ-QC/FBK/FFB	3	J-QC/FLS	0.026	J-R	0.0390
0.70	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	0.220		0.0293
0.69	BJ-QC/FBK/FFB	3	J-QC/FFD/RPO	0.231		0.0282
0.66	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.225		0.0717
0.41	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.404		0.0859
0.74	BJ-QC/FBK/FLSEHT	<2	K	<0.0175	K	0.0394
0.50	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.287		0.0418
0.56	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.287		0.0410
[redacted]						
0.56	BJ-QC/FBK/FFBFFDRPOFLS	4	J-QC/FFB	0.246		0.0536
0.49	BJ-QC/FBK/FFBFLS	3	J-QC/FFD/RPOFLS	0.141		0.0278
1.37	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.298		0.0304
1.33	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.283		0.0306
0.59	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.267		0.0258
1.13	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.272		0.0236
1.47	BJ-QC/FBK/FFBFLS	4		0.332		0.0347
1.30	BJ-QC/FBK/FFBFLS	4		0.316		0.0343
0.51	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.223		0.0269
1.61	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.321		0.0319
1.57	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.305		0.0482
0.61	BJ-QCJ-HT/FBK/FFBEHT	5		0.044	J-RJ-QC/FFD/RPO	0.0225
0.36	BJ-QC/FBK/FFBFLS	3		0.348	J-QC/FSL	0.0375
0.95	BJ-QC/FBK/FFBFFDRPO	3	J-QC/FFD/RPO	0.049	J-RJ-QC/FFD/RPO	0.0540
1.57	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FFD/RPO	0.033	J-RJ-QC/FFD/RPO	0.0548
1.08	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.176		0.0343
1.25	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FLS	<0.0293	KJ-QC/FFD/RPO	0.0468
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	0.207		0.0570
0.38	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFD/RPO	0.256		0.0505
0.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	1.090		0.0412
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.294		0.0647
1.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.359		0.0648
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.321	J-QC/FFB	0.0418
0.33	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.517		0.0547
0.92	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.495		0.0559
1.16	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.345		0.0554

0.53	BJ-QCJ-HT/FBK/FFBFLSEHT	3		0.257		0.0614
1.06	BJ-QC/FBK/FFBFLS	<2	K	0.314		0.0430
1.05	BJ-QC/FBK/FFBFLS	<2	K	0.324		0.0429
2.12	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.067	J-QC/FFB	0.0019
1.46	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.208	J-QC/FSL	0.0128
1.28	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.184	J-QC/FSL	0.0115
[redacted]						
0.77	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.575		0.0445
0.66	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.549		0.0335
0.53	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.560		0.0338
0.84	BJ-QC/FBK/FFBFLS	<2	K	0.137	J-QC/FMS	0.0254
0.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.303	J-QC/FFB	0.0434
0.50	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.272	J-QC/FFB	0.0432
1.30	BJ-QC/FBK/FFBFLS	4		0.199		0.0521
0.70	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.157	J-QC/FMS	0.0692
1.06	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.319	J-QC/FMS	0.0421
1.82	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.434		0.0612
1.63	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.445		0.0641
0.58	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.157		0.0473
1.32	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.194	J-QC/FMS	0.0311
0.42	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	0.136	J-QC/FFD/RPO	0.0581
0.42	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	0.220	J-QC/FFD/RPO	0.0610
0.63	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.152	J-QC/FMS	0.0356
0.64	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FMS	0.0386
0.68	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.253	J-QC/FMS	0.0730
0.64	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.253	J-QC/FMS	0.0731
0.69	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.259	J-QC/FMS	0.0731
0.36	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FFD/RPO	0.438		0.0991
0.40	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.090	J-QC/FSL	0.1418
0.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.216		0.1945
0.40	BJ-QC/FBK/FFBFLS	<2	K	0.206	J-QC/FMS	0.1146
0.64	BJ-QC/FBK/FFB	<2	K	0.358		0.1377
0.58	BJ-QC/FBK/FFB	<2	K	0.364		0.1377
—	NA	—	NRP	<0.0378	K	0.0599
—	NA	<2	KJ-QC/FLS	0.333	J-QC/FMS	0.0633
—	NA	<2	KJ-QC/FLS	0.354	J-QC/FMS	0.0642
[redacted]						
—	NA	<2	KJ-QC/FMS	0.317	J-QC/LLS/FMS	0.0333
—	NA	<2	KJ-QC/FMS	0.251	J/LLS	0.0299
—	NA	<2	KJ-QC/FMS	0.234	J/LLS	0.0287
—	NA	3	J-QC/FMS	0.508	J-QC/FSL/FMS	0.0514
—	NA	3	KJ-QCJ-HT/FMS/EHT	0.148	J/LLS	0.0266
—	NA	3	KJ-QCJ-HT/FMS/EHT	0.125	J/LLS	0.0312
—	NA	<2	K	0.199	J/LLS	0.0556
—	NA	<2	KJ-QC/FMS	0.102	J/LLS	0.0536
—	NA	<2	KJ-QC/FMS	0.119	J/LLS	0.0542
0.73	BJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	0.528	J-QC/FSL/FMS	0.0608
1.41	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.596	J-QC/FMS	0.0519
1.48	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.187	J-QC/LLS/FSLFMS	0.0531
1.63	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.187	J-QC/LLS/FSLFMS	0.0531

1.79	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.380	J-QC/LLS/FSL	0.0398
1.75	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.289	J-QC/LLS/FMS	0.0315
1.38	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.312	J-QC/LLS/FMS	0.0449
1.57	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.267	J/LLS	0.0557
0.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.151	J-RJ-QC/LLS/FMS	0.0223
0.38	BJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	0.115	J-RJ-QC/LLS/FSL	0.0532
<0.30	KBJ-QC/FBK/FFB/FLDRPOFLS	<2	KJ-QC/FMS	0.289	J/LLS	0.0562
0.35	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.416		0.0372
0.30	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.386	J/LLS	0.0577
1.41	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.338	J/LLS	0.0593
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.615		0.0904
0.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.488		0.0804
0.32	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.398	J/LLS	0.0850
0.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.428		0.0861
0.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FSL	0.0747
0.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.473		0.0707
0.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.501		0.0718
0.63	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.261	J/LLS	0.0603
[redacted]						
1.29	BJ-QC/FBK/FFBFMS	<2	K	0.256	J-QC/LLS/FFB	0.0290
0.81	BJ-QC/FBK/FFBFMS	<2	K	0.444		0.0344
0.99	BJ-QC/FBK/FFBFMS	<2	K	0.466		0.0348
1.72	BJ-QC/FBK/FFBFMS	<2	K	0.216	J/LLS	0.0305
0.71	BJ-QC/FBK/FFBFMS	<2	K	0.318	J-QC/LLS/FFB	0.0258
1.23	BJ-QC/FBK/FFBFLDRPO	<2	K	0.273	J/LLS	0.0225
0.76	BJ-QC/FBK/FFBFLDRPO	<2	K	0.420	J-QC/FSL	0.0478
0.71	BJ-QC/FBK/FFBFLDRPO	<2	K	0.398	J-QC/LLS/FSL	0.0480
0.91	BJ-QC/FBK/FFBFMS	4		0.159	J/LLS	0.0577
0.85	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	0.061	J/LLS	0.0548
0.79	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0441
0.65	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.050	J-RJ-QC/LLS/FSLFMS	0.0498
1.05	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.111	J-QC/LLS/FSLFMS	0.0499
0.74	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.134	J/LLS	0.0964
0.49	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0790
0.63	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.368	J-QC/LLS/FMS	0.0946
0.69	BJ-QCJ-HT/FBK/FFB	<2	K	0.040	J-R/LLS	0.0895
0.69	BJ-QCJ-HT/FBK/FFB	<2	K	0.051	J-R/LLS	0.0924
0.70	BJ-QC/FBK/FFBFMS	<2	K	0.250	J/LLS	0.0562
0.68	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.047	J-RJ-QC/LLS	0.0512
0.51	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.036	J-RJ-QC/LLS	0.0524
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.77	0.151	0.22	0.76
	1.08	0.185	0.21	1.41
	0.49	0.097	0.05	62.3
	0.67	0.149	0.08	56.9
	0.70	0.125	0.12	46.3
	0.55	0.133	0.05	18.9
	0.65	0.132	0.20	24.7
	0.76	0.165	0.17	26.9
	0.77	0.196	0.19	5.3
	1.15	0.196	0.17	8.2
	1.10	0.242	0.33	0.84
	0.44	0.192	0.152	7.74
	0.83	0.147	0.13	3.03
	0.50	0.191	0.18	10.39
	0.60	0.194	0.16	22.52
	0.74	0.187	0.17	5.74
	0.92	0.198	0.21	8.59
	0.83	0.235	0.28	3.65
	0.44	0.210	0.21	2.44
	0.73	0.180	0.18	0.82
	0.80	0.144	0.18	1.02
	1.03	0.191	0.12	—
	1.33	0.131	0.20	0.7
	0.70	0.131	0.08	43.56
	0.78	0.089	0.14	15.39
	0.36	0.073	0.09	7.89
	0.85	0.120	0.11	2.47
	0.40	0.087	0.09	11.48
	0.62	0.091	0.09	16.14
	0.50	0.143	0.14	—
	0.46	0.151	0.13	—
	0.34	0.159	0.15	—
	0.44	0.206	0.16	—
	0.47	0.220	0.23	—
	0.55	0.208	0.19	—
	0.65	0.202	0.17	—
	0.37	0.236	0.22	—
	0.41	0.250	0.24	—
	0.49	0.231	0.25	—
	0.52	0.233	0.20	—
	0.78	0.234	0.23	—
	0.61	0.209	0.23	—
	0.69	0.251	0.27	—
	0.73	0.254	0.21	—

0.95	0.207	0.21	—
0.88	0.130	0.13	—
0.82	0.120	0.13	—
0.84	0.12	0.09	—
1.13	0.073	0.06	—
0.50	0.125	0.11	—
0.76	0.121	0.09	—
0.49	0.086	0.08	—
0.90	0.203	0.17	—
0.54	0.142	0.14	—
0.76	0.146	—	—
0.45	0.091	0.10	—
0.44	0.089	0.07	—
0.55	0.169	—	—
0.30	0.173	—	—
0.63	0.153	—	—
0.51	0.131	0.17	—
0.22	0.183	—	—
0.38	0.173	0.15	—
2.50	0.345	0.17	—
0.57	0.217	0.20	—
0.67	0.164	0.14	—
0.86	0.168	0.14	—
0.85	0.158	0.15	—
0.60	0.150	0.13	—
0.37	0.104	0.16	—
0.48	0.101	0.13	—
0.72	0.150	0.14	—
1.19	0.122	0.13	—
0.94	0.088	0.13	—
0.45	0.128	0.13	—
0.984	0.174	0.22	3.8
0.680	0.107	0.13	7.5
0.600	0.118	0.07	24.7
0.525	0.077	0.07	16.1
0.561	0.068	0.07	24.3
0.258	0.119	0.09	9.8
0.571	0.153	0.16	6.2
0.690	0.200	0.16	4.4
0.680	0.23	0.25	5.9
0.758	0.26	0.13	6.3
0.661	0.19	0.22	17.0
0.916	0.23	0.17	<3.0
0.448	0.19	0.18	4.0
0.611	0.16	0.12	<3.0
1.05	0.48	0.11	<3.0

	1.45		0.14		0.10	<1.1
	0.629		0.16		0.09	4.3
	0.925		0.10		0.15	1.3
	0.740		0.09		0.11	5.7
	0.917		0.16		0.10	<2.4
	0.474		0.06		0.08	9.7
	0.475		0.12		0.07	10.2
	1.52		0.13		0.08	6.3
	1.10		0.12		0.10	21.1
	0.336		0.19		0.15	331.2
	0.448		0.19		0.17	8.7
	0.433		0.20		0.20	5.5
	0.793		0.18		0.18	<2.4
	0.466		0.20		0.20	<2.4
	1.05		0.16		0.17	<2.4
	0.571		0.16		0.15	<2.4
	1.08		0.14		0.13	5.3
	0.759		0.13		0.13	5.0
[redacted]						
J-QC/FFB	0.642		0.10		0.09	3.5
	0.510	J-QC/FFB	0.11		0.06	4.1
	0.428		0.10		0.07	J-QC/FFD/RPO 4.6
	0.869		0.15		0.12	<2.4
	0.876	J-QC/FFB	0.11		0.09	J-QC/FFB/FFDRPO 1.4
	0.835		0.09		0.07	1.0
	0.862	J-QC/FFB	0.17	J-QC/FFD/RPO	0.15	26.2
	0.573		0.13		0.12	2.1
	0.389		0.15		0.13	3.5
	0.328		0.12		0.13	3.4
J-HT/EHT	0.584		0.15	J-QC/FFD/RPO	0.15	9.5
	0.538		0.25	J-QC/FFB/FFDRPO	0.11	11.9
	0.650	J-QC/FFB	0.19		0.19	2.5
J-QC/FFB	0.338		0.26	J-QC/FFB	0.18	6.6
J-QC/FFB	1.22		0.19		0.17	9.2
	0.674	J-QC/FFB	—	NAP	—	NAP 2.9
	1.01		0.11		0.18	2.3
	0.577		0.16		<0.05	K 6.3
J-HT/EHT	0.601	J-QCJ-HT/FFB/EHT	0.14	J-QC/FFD/RPO	0.14	J-QC/FFD/RPO 2.0
J-QC/FFB	0.808	J-QC/FFB	0.14		0.12	1.9
J-QC/FFB	0.718		0.12		0.13	1.9
J-QC/FFB	0.770		0.13		0.13	1.9
[redacted]						
	1.35		0.09		0.09	2.6
	1.25		0.11		0.09	2.6
	0.442	J-QC/FFB	0.08		0.07	6.3
	0.456		0.09		0.08	3.0
	0.421		0.10		0.09	5.7
	0.466		0.14		0.10	3.2
	0.364		0.10		0.09	J-QC/FFD/FLDRPO 8.1
	0.167	J-QC/FLS	0.30		0.07	128.8

	0.187	J-QC/FLS	0.32		0.06		156.0
J-QC/FFB	0.313		0.13	J-QC/FFB	0.10		2.5
	0.353		0.25	J-QC/FFB	0.11	J-QC/FFB/FFDRPO	21.9
	0.352		0.19	J-QC/FFB	<0.05	KJ-QC/FFB/FFDRPO	24.3
	0.495		0.26		0.18		3.5
	0.443		0.22		0.16		2.2
	0.416		0.17		0.15	J-QC/FLD/RPOFLS	4.2
	0.2117		0.19		0.16		10.8
	1.07		0.22		0.19		8.5
J-QC/FFB	0.243		0.21		0.18		8.3
	0.397		0.22		0.18		7.2
	0.459		0.21		0.17		8.5
	0.597		0.25		0.20		20.2
	0.805		0.23		0.18		29.8
	0.242		0.22	J-QC/FFB	0.18		13.8
	0.326		0.19	J-QC/FLS	0.15		10.9
	0.227	J-QC/FFD/RPO	0.21		0.16		6.4
	0.328	J-QC/FFD/RPO	0.18		0.14		5.6
	0.564		0.22		0.19		6.9
	0.873		0.29	J-QC/FFD/RPO	0.18		2.8
J-QC/FFB	0.937		0.13	J-QC/FFB	0.11		10.2
	1.05		0.14		0.12		5.0
	0.910		0.18		0.12		5.0
[redacted]							
J-QC/FFB	0.7420		0.12		0.08		9.2
	0.8140	J-QC/FLS	0.08		0.07	J-QC/FLS	32.2
	0.6836		0.15	J-QC/FFB/FFDRPO	0.15		8.6
	0.6446		0.11	J-QC/FFB/FFDRPO	0.12		8.7
	0.4887		0.09	J-QC/FFB	0.04	J-R	17.8
	0.4824		0.08	J-QC/FFB	0.04	J-R	25.8
J-QC/FFB	0.5715		0.12		0.08		25.0
J-QC/FFB	0.5158		0.12		0.09		30.5
	0.3942	J-QC/FFB/FFDRPO	0.08		0.05	J-QC/FFD/RPO	9.0
J-QC/FFD/RPO	0.6137		0.12		0.11		4.2
J-QC/FFD/RPO	0.7068		0.11		0.10		3.9
J-QC/FFB	0.2348		0.09	J-QC/FFB	0.05		32.2
J-QC/FFB	0.2750	J-QC/FFB/FLS	0.13		0.09		—
	0.5203		0.11	J-QC/FLD/RPO	0.12	J-QC/FFB	30.5
	0.4953		0.10	J-QC/FLD/RPO	0.13	J-QC/FFB	38.6
J-QC/FFB	0.4077		0.17		0.13		43.8
J-QC/FFB	0.2540		0.18		0.12		50.2
J-QC/FFB	0.3210	J-QC/FFD/RPO	0.19		0.17		15.7
J-QC/FFB	0.6790	J-QC/FFD/RPO	0.19		0.16		15.5
	0.3906	J-QC/FFB	0.21	J-QC/FFB	0.17		16.3
	0.6056		0.22		0.19		3.9
	0.5789		0.22		0.18		2.4
	0.5460	J-QC/FFB	0.19		0.15	J-QC/FFB	4.7
	0.6939	J-QC/FFD/RPO	0.13		0.11	J-QC/FFB/FFDRPO	5.68
	0.4616	J-QC/FFD/RPO	0.12		<0.02	KJ-QC/FFB/FFDRPO	5.72
	0.5243		0.10		0.11		90.9

J-QC/FFB/FFDRPO	0.5171		0.11		0.12		4.92
	0.6971		0.16	J-QC/FFB	0.11		2.08
	0.7193		0.19	J-QC/FFB	0.09		2.36
J-R	0.6363		0.13		0.12		2.91
J-QC/FFB	1.1441		0.10		0.10		1.68
J-QC/FFB	1.1588		0.09		0.09		1.19
[redacted]							
J-QC/FFB	0.6195		0.09	J-QC/FFB	0.07		17.0
J-QC/FFB	0.7845	J-QC/FFB	0.10		0.07		13.3
J-QC/FFB	0.7573	J-QC/FFB	0.11		0.07		14.1
	1.4418	J-QC/FFB	0.09		0.05		17.7
J-QC/FFB	0.5750	J-QC/FFB	0.11		0.08		6.70
J-QC/FFB	0.5873	J-QC/FFB	0.13		0.08		7.60
J-QC/FFB	0.7109		0.13		0.08		9.90
J-QC/FFB	0.6974		0.12	J-QC/FFD/RPO	0.10		11.9
J-QC/FFB	1.0221		0.14		0.12		28.5
J-QC/FFB	0.6979		0.13		0.10		4.07
J-QC/FFB	0.5869		0.12		0.09		4.15
J-QCJ-HT/FFB/EHT	0.7594		0.12		0.07	J-QC/FFD/RPO	3.25
J-QC/FFB	1.1477		0.14		0.13		8.05
	0.5472	J-HT/EHT	0.14		0.13		11.0
	0.5899	J-HT/EHT	0.13		0.13		10.3
	0.6341	J-QC/FLS	0.15		0.13		11.95
J-QC/FFB	0.2882		0.13	J-QC/FFD/RPO	0.12		57.9
	0.3722		0.19		0.18		6.88
	0.5066		0.21		0.18		5.11
	0.4047		0.19		0.17		7.18
J-QC/FFB	0.4113	J-QC/FFD/RPO	0.21		0.20		10.1
	0.7793		0.20		0.17		15.6
J-QC/FFB	0.7371		0.20		0.20		9.19
J-QC/FFB	0.9208		0.22		0.16		6.18
J-QC/FFB	1.1056		0.21		0.19		2.43
J-QC/FFB	0.9537		0.18		0.18		1.64
J-QC/FFB	0.6935		0.13		0.11		4.10
J-QCJ-HT/FFB/EHT	0.5705	J-QC/FFB/FFDRPO	0.15		0.12		7.75
J-QCJ-HT/FFB/EHT	0.4061	J-QC/FFB/FFDRPO	0.15		0.12		10.9
[redacted]							
[redacted]	0.5024	[redacted]	0.17		0.14	J-QC/FLD/RPO	4.33
J-QC/FFB	0.6809	J-HT/EHT	0.12	J-QC	0.09	J-QC	8.89
J-QC/FFB	0.6536	J-HT/EHT	0.13	J-QC	0.09	J-QC	10.8
J-QC/FFB	0.7726	J-QC/FFB	0.12	J-QC	0.09	J-QC	22.3
J-QC/FFB	0.8678	[redacted]	0.11		0.06	J-QC/FFB/FFDFLDRPO	28.5
J-QC/FFB	0.8616	[redacted]	0.13		0.09	J-QC/FFB/FFDFLDRPO	24.3
J-QC/FFB	0.5639	[redacted]	0.08	J-QC/FFD/RPO	0.11	J-QC	52.2
J-QC/FFB	0.6778	J-QC/FFB	0.13		0.08	J-QC	9.84
J-QC/FFB	0.7372	J-QC/FFB	0.11		0.08	J-QC	16.7
[redacted]	0.4278	[redacted]	0.16		0.13		2.01
J-QC/FFB	0.5789	[redacted]	0.13		0.11		1.47
[redacted]	0.6295	[redacted]	<0.01	K	0.09		9.43
[redacted]	0.6069	[redacted]	<0.01	K	0.09		9.73

J-QC/FFB	0.6173	[redacted]	0.13	J-QC/FLD/RPO	0.15		4.35
J-QC/FFD/RPO	0.8254		0.11		0.09	J-QC	7.20
J-QC/FFD/RPO	0.6419		0.12		0.08	J-QC	10.9
[redacted]	1.6141	[redacted]	0.13		0.10		13.5
	0.7231		0.10	J-QC	0.10	J-QC	16.8
J-QC/FLS	0.3064		0.19	J-QC	0.19	J-QC/FLD/RPO	7.84
[redacted]	0.9295		0.15		0.12		6.94
J-QC/FFD/RPO	0.3847		0.19	J-QC/FLD/RPO	0.17	J-QC/FLD/RPO	8.23
J-QC/FFD/RPO	0.3834		0.18	J-QC/FLD/RPO	0.16	J-QC/FLD/RPO	10.1
[redacted]	0.3447	J-QC/FFB/FLS	0.19		0.16		4.55
J-QC/FFB/FFDRPO	1.7026	J-QC/FFB/FFDRPO	0.17	J-QC/FFD/RPO	0.15	J-QC/FFD/RPO	8.13
[redacted]	0.6433	[redacted]	0.22	J-QC/FFD/RPO	0.20	J-QC/FFD/RPOFMS	23.1
	0.4821		0.14		0.14		5.69
	0.5294		0.17		0.15		7.13
J-QC/FFB	0.6018		0.16	J-QC	0.13	J-QC	7.04
J-QC/FFB	0.8532	J-QC/FLS	0.16	J-QC	0.14	J-QC	<0.231
J-QC/FFB	0.8366	J-QC/FLS	0.14	J-QC	0.12	J-QC	<0.231
[redacted]	0.7201	[redacted]	0.14		0.10		6.02
[redacted]							
J-QC/FFB	0.8986	J-QC/FLS	0.12		0.10		4.29
	0.9042		0.09		0.05		3.27
	0.9030		0.08		0.05		3.75
J-QC/FFB	0.9738	J-QC/FLS	0.12		0.08		2.24
	0.5482		0.09	J-QC/FFB	0.07	J-QC/FFB	1.85
J-QC/FFB	0.6972	J-QCJ-HT	0.10		0.08		5.56
	0.3246		0.08		0.07	J-QC/FFB	15.1
	0.3042		0.08		0.08	J-QC/FFB	16.6
J-QC/FFB	0.3623		0.12	J-QC/FMS	0.03	J-R/LLS	54.2
J-QC/FFB	0.4265		0.13		0.09		28.8
J-QCJ-HT/FFB	0.3635	J-QC/FLS	0.14	J-QC/FFB	0.09		11.1
	0.3715	J-QC/FLS	0.13		0.10		3.81
	0.3657	J-QC/FLS	0.12		0.10		3.61
	0.4387		0.15		0.12		21.0
J-QC/FFB	0.5060		0.15		0.11		13.7
J-QC/FFB	0.4733		0.18		0.16		18.3
J-QC/FFB	0.7698		0.20		0.16		7.02
J-QC/FFB	0.7282		0.21		0.17		7.14
J-QC/FFB	0.8808		0.60		0.12		3.12
J-QC	1.0036		0.16		0.11		2.13
J-QC	0.8499		0.15		0.11		2.09
[redacted]							

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	1.7	0.00	0.00
	4.2	0.00	0.36
[redacted]			
	19.0	0.00	0.00
	20.0	1.09	1.53
	1.0	0.00	0.00
	0.6	0.18	0.18
	6.0	0.00	0.00
	2.7	0.00	0.00
	7.0	0.00	0.00
	3.3	0.00	0.00
	6.8	0.00	0.09
	3.1	0.00	0.00
	4.3	0.00	0.39
	4.2	0.00	0.00
	21.0	0.00	0.00
	<0.5	0.00	0.00
	4.5	0.00	0.00
	4.1	0.08	0.61
	<0.5	0.00	0.00
	4.5	0.00	0.00
	4.7	0.00	0.00
	4.6	0.00	0.01
	4.6	0.21	0.24
[redacted]			
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.29
	0.6	0.00	0.00
	<0.5	0.00	0.00
	1.1	0.00	0.00
	<0.5	0.00	0.00
	0.6	0.00	0.00
	6.7	0.00	0.66
	2.7	0.00	0.95
	4.0	0.00	0.00
	3.1	0.04	0.04
	—	0.00	0.00
	4.1	0.01	0.01
	2.5	0.00	0.00
	2.9	0.00	0.00
	2.2	0.00	0.03
	2.0	0.00	0.00
	2.7	0.00	0.01
	4.5	0.00	0.00
	2.1	0.00	0.00

3.5	0.00	0.00	[redacted]
7.3	0.48	0.48	
6.8	0.00	0.00	
[redacted]			
6.1	0.12	0.12	
3.9	0.00	0.00	
4.4	0.00	0.00	
2.5	0.00	0.00	
4.3	0.00	0.00	
5.0	0.01	0.48	
10.1	0.00	0.00	
—	0.00	0.00	
2.2	0.00	0.00	
1.7	0.00	0.00	
—	0.03	0.15	
—	0.00	1.56	
—	0.00	0.00	
6.9	0.00	0.00	
—	0.00	0.00	
5.4	0.00	0.00	
5.0	0.00	0.00	
5.4	0.27	0.84	
3.8	0.00	0.02	
5.7	0.00	0.00	
2.9	0.00	0.00	
2.8	0.00	0.00	
2.7	0.00	0.00	
1.7	1.11	1.11	
2.0	0.00	0.00	
2.7	0.00	0.04	
1.6	0.00	0.00	
1.0	0.00	0.00	
[redacted]			
3.6	0.00	1.58	
0.9	0.00	0.00	
1.5	0.02	0.02	
1.4	0.42	0.42	
1.8	0.42	0.42	
1.1	0.00	0.66	
2.8	0.00	0.00	
0.8	0.00	1.09	
4.8	0.00	0.00	
5.3	0.00	0.00	
4.9	0.00	0.00	
5.0	0.00	0.00	
0.8	0.01	0.01	
2.5	0.01	0.09	
4.2	0.00	0.06	
[redacted]			

	1.7		0.00	0.00
	2.2		0.05	0.10
J-R	4.4		0.00	0.00
	3.8		0.00	0.00
	5.0		0.00	0.48
	5.7		0.00	0.14
	3.9		0.00	0.00
	4.6		0.00	0.04
	4.9		0.14	0.15
	5.4		0.00	0.80
	5.4		0.00	0.00
	3.9		0.00	0.00
	3.8		0.00	0.71
	4.2		0.00	0.00
	4.3		0.00	0.00
	2.7		0.00	0.00
	3.8		0.15	0.15
	3.3		0.00	0.00
J-R	4.3	J-QC/FFB	0.00	0.00
J-R	3.7	J-QC/FFB	0.00	0.00
J-R	4.2	J-QC/FFB	0.00	0.00
KJ-QC/FFD/RPO	6.3		1.47	2.10
J-R	6.0	J-QC/FFB	0.10	0.10
J-R	3.4		0.92	1.35
	6.1	J-QC/FFB/FFDRPO	0.01	0.68
	3.9		0.43	0.43
	4.8	J-QC/FFB	0.08	0.08
	4.5	J-QC/FFB	0.08	0.08
	5.2		0.00	0.00
	4.7	J-QC/FFB	0.00	0.15
	7.6	J-QC/FFB	0.00	0.00
	4.6	J-QC/FFB	0.08	0.12
	3.9		1.13	1.13
	—	NAP	0.00	0.00
J-QC/FFD/RPO	4.6	J-QC/FFB	0.00	0.00
	4.1	J-QC/FFB	0.00	0.00
	3.3		0.00	0.30
J-R	3.6	J-QC/FFB	0.00	0.00
J-R	3.6	J-QC/FFB	0.00	0.00
J-R	3.6	J-QC/FFB	0.00	0.00
	4.60		0.10	1.32
	4.30		0.10	1.32
	3.70		0.00	0.00
J-QC/FFD/RPO	3.80	J-QC/FFB	0.00	0.47
J-QC/FFD/RPO	3.20	J-QC/FFB	0.00	0.47
J-QC/FFD/RPO	4.20		0.00	0.01
	4.31	J-QC/FFB	0.00	0.00
J-QC/FSL	4.18	J-QC/FFB	0.00	0.00

J-QC/FSL	4.94	J-QC/FFB	0.00	0.00
J-RJ-QC/FFD/RPO	4.02	J-QC/FFB	0.00	0.18
	3.92	J-QC/FFB	0.00	0.00
	4.14	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.00	J-QC/FFB	0.00	1.69
J-RJ-QC/FFD/RPO	3.60	J-QC/FFB	0.00	1.69
J-QC/FSL	3.70	J-QC/FFB	0.00	0.05
	3.20	J-QC/FFB	0.00	0.00
	3.30	J-QC/FFB	0.00	0.00
	4.20	J-QC/FFB	0.00	0.00
	4.30	J-QC/FFB	0.00	1.24
	3.80	J-QC/FFB	0.00	1.24
J-QC/FFD/RPO	3.80	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.40	J-QC/FFB	0.00	0.00
	4.00	J-QC/FFB	0.00	0.00
	4.80	BJ-QC/FBK/FFB	0.00	0.93
	3.60	J-QC/FFB	0.00	0.00
	3.90	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.50	J-QC/FFB	0.00	0.16
	3.30		0.00	0.01
	3.80		0.00	0.00
	4.10		0.00	0.00
	3.70		0.00	0.00
[redacted]				
	3.9		0.00	0.00
	4.4	J-QC/FFB	0.00	0.00
	5.9		0.00	0.00
	5.7		0.00	0.00
J-QC/FFD/RPO	2.9	J-QC/FFB	0.04	0.04
J-QC/FFD/RPO	2.9	J-QC/FFB	0.04	0.04
	3.5	BJ-QC/FBK/FFB	0.00	0.00
	3.7	BJ-QC/FBK/FFB	0.00	0.00
	2.6	BJ-QC/FBK/FFB	0.00	0.00
	3.7		0.00	0.00
	2.9		0.00	0.00
	3.0	J-QC/FFB	0.00	0.00
A/LBF	2.6	J-QC/FFB	0.49	0.53
	3.6	J-QC/FFB	0.00	0.00
	3.1	J-QC/FFB	0.00	0.00
	4.8	J-QC/FFB	0.00	0.00
	4.2	J-QC/FFB	0.17	0.17
	3.8	J-QC/FFB	0.00	0.00
	4.3	J-QC/FFB	0.00	0.00
	4.1	J-QC/FFB	1.32	1.32
J-QC/FFD/RPO	4.5	J-QC/FFB	0.00	0.22
J-QC/FFD/RPO	4.1	J-QC/FFB	0.00	0.22
	5.5	J-QC/FFB	0.00	0.00
	4.2	J-QC/FFB	0.00	0.00
	4.1	J-QC/FFB	0.00	0.00
	4.0	J-QC/FFB	0.08	0.12

	4.3	J-QC/FFB	1.52	1.59
	3.0		0.00	0.00
	3.1		0.00	0.00
	3.2	J-QC/FFD/RPO	0.00	0.00
J-RJ-QC/FFD/RPO	42.9	J-QC/FFB/FFDRPOOUTSUS	0.03	0.03
J-RJ-QC/FFD/RPO	2.8	J-QC/FFB/FFDRPO	0.03	0.03
[redacted]				
	2.7		0.14	0.14
	—	NAPEFAI/EQF	0.02	0.02
	—	NAPEFAI/EQF	0.02	0.02
J-QC/FSL	3.4	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
J-QC/FSL	1.2		0.02	0.02
J-QC/FSL	1.3		0.02	0.02
	2.3		0.20	0.82
	2.2	J-QC/FFB	0.21	0.48
	3.2	J-QC/FFB	0.00	0.18
	3.2	BJ-QC/FBK/FFB	0.40	0.60
	3.3	BJ-QC/FBK/FFB	0.40	0.60
	2.3	J-QC/FFB	0.58	0.60
	3.9	B/FBK	0.00	0.93
	2.6	BJ-QC/FBK/FFBFFDRPO	0.00	0.00
	1.9	BJ-QC/FBK/FFBFFDRPO	0.00	0.00
	2.1	B/FBK	0.00	0.00
J-QC/FSL	3.3	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.7	J-QC/FFB	0.03	0.07
J-QC/FFD/RPO	4.8	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.9	J-QC/FFB	0.00	0.00
J-QC/FSL	2.1	J-QC/FFB	0.00	0.00
	2.2		0.00	0.00
J-QC/FSL	2.6	J-QC/FFD/RPO	0.01	1.01
J-QC/FSL	2.4	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.2	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.1	J-QC/FFB	0.00	0.00
	2.9	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	2.8	J-QC/FFB	0.00	0.02
J-QC/FFD/RPO	3.0	J-QC/FFB	0.00	0.02
[redacted]				
	3.55	BJ-QC/FBK/FFB	0.00	0.00
	4.00	J-QC/FFB	0.00	0.00
	3.41	J-QC/FFB	0.00	0.00
J-QC/FSL	3.58	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFB	2.6	J-QC	0.00	0.00
J-QC/FFB	2.2	J-QC	0.00	0.00
	3.3		0.00	0.00
J-QC/FFD/RPO	3.8	J-QC/FFB/FLDRPO	1.15	1.15
J-QC/FFD/RPO	4.9	J-QC/FFB/FLDRPO	1.15	1.15
J-QC/FFB	2.5		0.00	0.00
J-QC/LLS/FFB	3.8	J-QC	0.00	0.00
	3.6		0.00	0.00
	3.3		0.00	0.00

J-QC/FFB/FFDRPO	5.5	J-QC/FFB	1.29	1.29
J-QC/FFD/RPO	3.6	J-QC/FFD/FLDRPO	0.00	0.00
J-QC/FFD/RPO	6.3	J-QC/FFD/FLDRPO	0.00	0.00
J-QC/FFD/RPO	3.3		0.00	0.01
J-QC/FFB/FFDRPO	3.5	J-QC/FFB	0.00	0.00
	6.6	BJ-QC/FBK/FFB	0.00	0.00
	5.1	J-QC	0.00	0.02
J-QC/FFB	4.4	J-QC	0.00	0.00
J-QC/FFB	3.6	J-QC	0.00	0.00
	21.7	J-QC/FFB	0.00	0.00
J-QC/FFB/FFDRPO	2.0	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	4.0	J-QC/FFD/RPO	0.00	0.04
J-QC/FFB	2.4		0.00	0.00
J-QC/FFB	2.2		0.00	0.00
J-QC/FFB	4.41	J-QC/FFB	0.00	0.00
K	4.08	J-QC/FLD/RPO	0.00	0.00
K	4.28	J-QC/FLD/RPO	0.00	0.00
	3.69		0.00	0.00
[redacted]				
	3.7		0.00	0.07
	2.4		0.00	0.00
	2.5		0.00	0.00
	3.7		0.07	0.74
J/LLS	3.3		0.00	0.00
	2.9		0.00	0.08
	3.7		0.00	0.00
	3.0		0.00	0.00
	4.2		0.00	0.00
	3.7		0.02	0.02
	1.0		0.00	0.49
	1.6		0.00	0.00
	1.4		0.00	0.00
	3.6		0.00	0.55
	1.9		0.00	0.00
	1.8		0.03	0.03
	3.1		0.00	0.00
	2.6		0.00	0.00
J-QC	3.4		0.00	0.00
	3.2		0.00	0.08
J/LLS	3.1		0.00	0.08
[redacted]				

Station #28 Lower Raritan Bay	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 3, 2003	11:55	6.20	8.8	9.67
December 18, 2003	11:00	6.20	5.1	7.67
2004				
February 26, 2004	12:55	8.49	2.8	14.51
April 13, 2004	12:05	7.15	7.7	12.31
June 10, 2004	11:40	7.26	—	6.00
June 17, 2004	11:35	7.58	19.7	7.65
June 24, 2004	11:35	7.68	19.0	7.15
June 29, 2004	12:00	7.71	20.6	—
July 15, 2004	12:10	7.31	22.3	—
July 22, 2004	10:30	7.45	22.9	—
July 29, 2004	10:35	7.02	—	3.67
August 5, 2004	11:23	7.32	24.92	3.89
August 12, 2004	11:19	6.99	23.18	4.27
August 19, 2004	10:57	7.49	23.34	4.36
August 26, 2004	11:17	7.56	23.42	5.62
September 2, 2004	12:50	7.63	23.95	4.03
September 23, 2004	11:00	7.44	21.07	4.86
September 30, 2004	11:35	6.46	20.94	4.78
October 13, 2004	11:35	7.37	17.62	5.95
October 28, 2004	11:23	7.50	13.0	6.49
November 9, 2004	11:14	—	11.2	7.58
November 23, 2004	11:00	7.48	10.11	7.52
December 9, 2004	10:53	7.65	8.65	8.65
2005				
March 10, 2005	12:04	—	2.40	15.03
April 14, 2005	11:18	—	8.56	13.36
April 28, 2005	11:15	7.76	11.96	9.31
May 4, 2005	12:15	7.65	12.15	9.39
May 12, 2005	11:00	7.71	13.74	9.11
May 16, 2005	11:20	7.73	15.42	9.20
June 9, 2005	11:13	7.30	18.83	5.90
June 14, 2005	11:23	7.44	20.13	5.33
June 23, 2005	11:33	7.36	21.27	6.36
July 7, 2005	11:16	7.24	24.51	4.19
July 21, 2005	12:38	7.20	25.53	2.67
July 27, 2005	11:41	7.09	25.43	3.23
August 4, 2005	11:04	7.52	25.54	3.81
August 9, 2005	11:03	7.27	25.56	2.57
August 18, 2005	10:41	7.27	25.49	3.62
August 23, 2005	11:32	8.78	24.95	4.90
September 1, 2005	—	—	—	—
September 6, 2005	—	—	—	—
September 15, 2005	10:59	7.44	24.16	4.57
September 22, 2005	11:37	7.32	23.93	4.04
October 4, 2005	12:02	7.36	21.09	5.64

October 20, 2005	11:15	7.67	16.82	7.81
November 21, 2005	11:07	7.75	11.41	8.92
December 19, 2005	12:23	7.39	4.37	13.04
2006				
January 17, 2006	11:52	7.24	4.42	15.28
February 16, 2006	11:23	7.51	3.31	13.97
February 28, 2006	11:15	8.10	2.92	13.32
March 28, 2006	10:54	8.51	6.80	16.75
April 19, 2006	10:50	8.07	11.87	11.20
April 25, 2006	10:51	7.51	12.31	6.76
May 3, 2006	10:49	7.61	14.11	8.00
May 8, 2006	10:32	7.53	15.22	9.45
June 15, 2006	11:39	7.85	18.20	10.16
June 22, 2006	11:03	7.52	20.19	6.05
June 27, 2006	11:39	7.13	21.81	5.11
July 13, 2006	11:07	7.41	19.79	6.10
July 20, 2006	10:16	7.32	24.87	5.27
July 25, 2006	11:19	7.05	24.04	3.02
August 1, 2006	11:30	7.67	23.97	4.01
August 8, 2006	11:07	7.76	24.58	6.66
August 22, 2006	10:58	7.41	24.75	4.02
August 30, 2006	11:37	7.13	22.89	3.71
September 7, 2006	11:31	7.08	20.59	5.27
September 13, 2006	11:25	7.20	20.92	6.46
September 19, 2006	11:13	7.14	21.18	4.22
September 26, 2006	11:32	7.69	20.02	9.10
October 3, 2006	11:38	7.43	19.12	5.64
October 17, 2006	11:49	7.42	16.25	6.25
October 31, 2006	11:49	7.33	12.21	7.92
November 15, 2006	11:38	6.96	12.95	6.93
November 28, 2006	12:05	7.09	10.83	7.22
December 12, 2006	11:48	7.62	7.21	9.29
2007				
January 9, 2007	11:45	8.75	7.11	8.20
January 23, 2007	12:04	7.37	4.50	9.29
March 22, 2007	10:34	8.37	4.44	16.37
May 1, 2007	11:40	7.42	10.69	12.20
May 17, 2007	11:23	7.49	15.90	8.61
Boat engine failure - 5/18/07				
September 5, 2007	11:22	7.19	23.30	4.97
September 12, 2007	11:05	7.20	23.74	5.69
September 27, 2007	12:01	7.28	22.36	5.35
October 2, 2007	11:26	7.31	21.10	5.78
October 16, 2007	11:45	7.26	18.28	5.66
November 1, 2007	11:29	7.13	15.64	6.43
November 29, 2007	11:27	—	8.37	8.35
December 11, 2007	11:05	—	5.79	8.59
December 20, 2007	11:25	—	3.93	11.26
2008				
January 8, 2008	11:12	—	4.93	10.48

February 7, 2008	11:48	7.45		4.90		10.40
March 11, 2008	11:27	7.69		5.53		10.66
April 8, 2008	12:01	7.75		8.57		10.05
May 13, 2008	11:51	7.52		13.29		7.83
May 28, 2008	11:30	7.67		14.82		8.11
June 3, 2008	11:05	7.69		16.49		7.68
June 17, 2008	11:28	7.40		22.64		6.34
June 24, 2008	11:54	7.37		21.63		5.34
July 15, 2008	11:57	7.36		23.76		4.85
August 5, 2008	10:23	7.18		24.13		3.48
September 4, 2008	11:37	7.23		23.80		4.81
September 10, 2008	11:20	6.95		23.77		3.91
September 16, 2008	11:00	7.15		22.75		3.30
September 23, 2008	10:48	7.11		20.75		7.83
October 7, 2008	10:58	—		18.06		4.23
November 24, 2008	11:41	7.17		7.39		7.92
December 3, 2008	11:28	7.26		7.46		8.95
2009						
February 10, 2009	10:51	7.77		2.36		11.74
March 18, 2009	10:17	8.12		5.65		18.20
April 30, 2009	12:05	7.32		14.17		—
May 7, 2009	11:20	6.76		14.00		—
May 28, 2009	11:01	7.23		17.40		—
June 4, 2009	10:46	7.54		17.92		—
June 16, 2009	11:28	7.50		19.88		7.80
June 24, 2009	10:55	7.38		19.98		4.37
July 7, 2009	11:04	7.82		21.16		4.97
July 14, 2009	11:34	7.42		21.36		5.36
July 28, 2009	10:57	—	NAPEFAI/EQF	23.43		4.38
August 4, 2009	10:58	—	NAPEFAI/EQF	24.34		2.63
August 13, 2009	11:26	7.49		23.54		6.36
August 18, 2009	11:11	—	NAPEFAI/EQF	24.85		—
September 1, 2009	10:55	—	NAPEFAI/EQF	23.52		—
September 15, 2009	10:48	—	NAPEFAI/EQF	20.79		—
September 22, 2009	10:42	—	NAPEFAI/EQF	20.48		—
October 19, 2009	11:47	—	NAPEFAI/EQF	11.70		—
November 9, 2009	11:14	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 8, 2009	11:17	7.77		8.94		9.03
2010						
March 23, 2010	11:22	7.61		7.99		10.79
April 13, 2010	11:00	7.70		9.96		12.63
May 13, 2010	11:07	7.69		11.94		9.22
May 20, 2010	11:17	7.52		13.52		8.84
May 26, 2010	10:59	7.70		17.33		8.48
June 8, 2010	11:05	7.94		19.87		9.62
June 14, 2010	11:20	7.56		20.85		6.53
June 24, 2010	11:00	7.65		24.28		8.71
July 15, 2010	10:57	7.23		25.33		4.00
July 20, 2010	10:49	7.28		26.09		5.38
July 27, 2010	11:25	7.43		25.98		5.44

August 3, 2010	10:56	7.42		24.87	3.93
August 10, 2010	11:20	7.46		25.24	5.17
August 17, 2010	10:52	7.26		25.26	4.09
August 31, 2010	11:02	7.61		24.30	6.71
September 8, 2010	10:55	7.86		23.68	7.73
September 14, 2010	11:05	7.87		21.50	7.19
September 21, 2010	10:44	7.50		19.91	5.53
September 29, 2010	11:18	7.37		21.45	5.55
October 6, 2010	11:30	7.22		16.95	7.35
November 15, 2010	11:40	7.53		10.56	9.40
December 8, 2010	11:30	7.56		5.44	11.03
2011					
January 5, 2011	11:15	7.84		2.32	12.05
February 17, 2011	11:10	7.98		2.85	16.88
March 9, 2011	11:10	7.55		5.85	12.87
April 11, 2011	11:14	7.57		8.99	11.12
May 3, 2011	11:05	7.18		13.40	8.62
May 10, 2011	11:37	7.14		13.30	9.13
May 25, 2011	11:25	7.28		17.07	6.55
June 7, 2011	11:15	8.06		18.96	9.93
June 14, 2011	11:10	7.23		20.39	4.90
June 28, 2011	11:35	7.39		22.50	4.16
July 6, 2011	11:20	7.39		23.16	4.43
July 13, 2011	10:55	7.55		25.52	6.30
July 28, 2011	11:05	7.49		25.36	4.15
August 9, 2011	11:30	7.44		26.07	3.78
August 17, 2011	11:15	7.15		24.21	2.26
August 24, 2011	11:05	7.06		23.19	3.87
September 14, 2011	11:20	7.29		21.38	4.23
September 21, 2011	11:16	7.35		19.59	4.88
September 29, 2011	10:08	7.45		21.03	5.55
October 25, 2011	11:24	7.38		15.68	6.43
November 2, 2011	11:20	7.44		11.84	7.85
December 20, 2011	11:11	7.46		7.90	9.43
2012					
January 11, 2012	11:06	7.82		6.50	10.18
February 8, 2012	11:20	7.51		6.15	11.43
March 7, 2012	11:32	8.05		6.26	15.26
April 19, 2012	11:40	7.65		13.92	9.21
May 2, 2012	11:20	7.32		14.01	9.08
May 10, 2012	11:32	7.34		15.97	8.35
May 17, 2012	11:00	7.34		17.23	9.12
May 23, 2012	10:43	7.40		18.55	6.48
June 6, 2012	10:31	—	NAPEFAI/EQF	19.30	3.57
June 14, 2012	10:47	—	NAPEFAI/EQF	21.58	3.31
June 20, 2012	10:37	—	NAPEFAI/EQF	22.05	2.59
June 28, 2012	10:55	—	NAPEFAI/EQF	22.48	3.29
July 12, 2012	11:07	7.70		25.67	6.28
July 24, 2012	11:07	7.60		23.29	5.85
July 31, 2012	10:35	7.33		25.52	4.56

August 22, 2012	10:50	7.36	24.32	3.00
September 11, 2012	11:30	7.47	23.55	4.70
September 19, 2012	11:22	7.50	22.18	5.54
September 25, 2012	11:15	7.45	20.44	5.59
October 18, 2012	10:20	7.79	15.53	6.65
November 29, 2012	09:43	7.63	7.64	9.56
December 5, 2012	10:07	8.26	7.72	10.75
2013				
January 8, 2013	09:48	7.72	4.98	10.58
February 6, 2013	09:42	7.69	2.62	11.90
March 13, 2013	09:25	7.76	5.92	12.31
April 2, 2013	09:38	8.04	6.70	13.10
May 2, 2013	11:38	7.65	13.86	10.01
May 7, 2013	11:26	7.58	14.96	8.76
May 15, 2013	10:45	7.18	14.71	6.55
May 21, 2013	10:50	7.46	15.85	6.43
June 4, 2013	10:40	7.35	19.24	6.48
June 12, 2013	11:08	7.00	18.30	6.15
June 19, 2013	11:04	7.23	19.34	5.52
June 26, 2013	11:26	7.83	20.34	6.81
July 11, 2013	10:42	7.53	20.85	4.76
July 25, 2013	10:56	7.75	24.38	5.60
July 30, 2013	11:31	7.22	24.15	4.68
August 15, 2013	10:53	7.16	23.29	4.80
August 21, 2013	11:44	7.54	23.03	4.05
September 11, 2013	11:15	7.39	21.86	5.01
September 17, 2013	11:20	7.18	19.47	5.28
September 24, 2013	11:02	7.47	18.68	6.70
October 2, 2013	11:07	7.59	19.19	7.74
November 20, 2013	11:27	7.58	8.53	9.61
December 4, 2013	11:37	7.26	5.66	10.59
2014				
January 16, 2014	11:28	6.97	2.82	11.90
March 10, 2014	11:45	7.25	2.04	12.96
April 9, 2014	11:17	7.33	7.99	11.64
May 7, 2014	11:15	6.93	10.36	10.11
May 12, 2014	11:11	7.32	10.61	8.88
May 28, 2014	11:15	6.98	15.76	7.51
June 17, 2014	11:17	7.53	19.56	7.46
June 25, 2014	11:08	7.36	21.23	6.41
July 9, 2014	11:20	7.35	21.60	5.12
July 30, 2014	11:00	7.44	21.80	4.91
August 14, 2014	11:03	6.97	22.45	4.56
August 26, 2014	10:50	7.75	22.34	5.31
September 9, 2014	11:36	7.40	22.06	5.31
October 2, 2014	10:55	7.33	19.93	6.47
November 20, 2014	11:19	7.10	7.30	6.07
December 4, 2014	11:05	7.22	6.42	11.65

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	94.7	21.8	—	12
	55.3	10.9	—	35
[redacted]				
	128.1	25.8	—	36
	117.4	19.9	—	176
	—	—	—	22
	84.2	—	—	24
	77.7	—	—	16
	—	—	—	33
	—	—	—	20
	—	—	—	18
	42.2	—	—	46
	53.6	22.37	—	17
	57.3	23.07	—	15
	57.8	22.94	—	50
	74.4	21.90	—	22
	54.7	23.20	—	10
	61.9	20.73	—	28
	60.3	20.94	—	13
	71.6	22.16	—	22
	69.3	20.4	—	20
	76.8	20.5	—	42
	77.9	23.44	—	21
	83.6	18.68	—	37
[redacted]				
	124.9	18.90	—	24
	127.3	17.06	—	12
	97.1	18.83	—	18
	99.5	20.73	—	29
	100.4	21.40	—	20
	104.1	21.85	—	18
	73.2	24.54	—	16
	68.9	26.11	—	20
	84.1	27.33	—	12
	58.6	28.56	—	16
	38.2	28.03	—	16
	45.6	25.18	—	17
	53.7	27.34	—	16
	36.1	25.47	—	24
	51.3	26.11	—	20
	69.2	27.75	—	38
	—	—	—	44
	—	—	—	34
	63.4	27.68	—	25
	56.9	30.57	—	22
	74.2	26.82	—	23

91.5	22.20	—	16
96.0	25.86	—	40
115.3	20.77	—	57
139.6	24.30	—	34
114.0	12.72	—	22
119.5	27.70	—	36
160.7	23.82	—	46
120.5	24.28	—	25
71.4	19.43	—	31
89.2	22.24	—	29
108.4	23.05	—	22
126.0	26.05	—	28
79.2	29.06	—	19
65.3	20.16	—	17
77.5	25.12	—	32
72.6	22.99	—	20
41.6	26.65	—	16
55.1	26.00	—	24
92.9	26.33	—	30
56.7	27.79	—	22
50.6	27.70	—	22
68.7	26.74	—	43
85.6	28.85	—	26
55.0	24.21	—	24
117.7	27.66	—	26
72.2	28.56	—	16
74.9	26.60	—	21
83.7	19.98	—	56
74.6	20.56	—	18
75.2	22.76	—	52
92.6	28.38	—	26
80.9	20.04	—	21
83.3	22.61	—	26
150.4	26.05	—	40
123.1	17.78	—	27
100.2	23.34	—	48
67.8	25.85	—	27
78.5	26.96	—	16
72.5	28.55	—	34
75.5	25.15	—	27
71.2	28.55	—	24
75.6	25.55	—	30
84.5	26.51	—	20
82.0	26.64	—	24
99.6	22.27	—	50
97.0	25.79	—	36

	92.1		18.93		—		100	
	94.1		15.93		—		30	
	98.0		19.91		—		34	
	84.5		19.55		—		35	
	92.4		23.25		—		25	
	91.6		25.07		—		58	
	84.4		23.75		—		20	
	70.7		26.79		—		20	
	66.0		26.82		—		21	
	48.7		28.08		—		60	
	66.4		28.14		—		16	
	53.4		26.52		—		13	
	43.8		23.94		—		27	
	100.8		24.58		—		16	
	52.7		27.48		—		22	
	76.3		22.74		—		20	
	88.4		25.86		—		20	
	101.2		24.25		—		56	
	167.6		21.43		—		21	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.73		—		20	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	12.33		—		24	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	22.72		—		14	
NAPEFAI/EQF	—	NAPEFAI/EQF	23.31		—		20	
	91.4		10.83		—		14	J-QC/FFB
	54.4		20.48		—		12	J-QC/FFB
	64.4		24.16		—		45	J-QC/FFB
	69.2		24.41		—		42	
	58.7		22.87		—		22	
	35.3		21.64		—		18	J-QC/FFD/RPO
	85.7		23.81		—		50	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	23.89		—		25	
NAPEFAI/EQF	—	NAPEFAI/EQF	24.08		—		15	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	24.21		—		42	
NAPEFAI/EQF	—	NAPEFAI/EQF	24.30		—		20	
NAPEFAI/EQF	—	NAPEFAI/EQF	27.15		—		32	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		22	J-QC/FFD/RPO
	92.4		27.67		—		28	
	99.9		14.29		—	NA	30	
	128.1		22.18		—	NA	42	
	97.5		21.59		—	NA	80	J-QC/FFB
	97.2		22.53		—	NA	52	
	100.1		21.38		—	NA	56	J-QC/FFD/RPO
	121.5		24.79		—	NA	46	
	82.1		25.05		—	NA	53	
	118.9		23.23		—	NA	55	
	53.7		23.94		—	NA	28	J-QC/FFD/FLDRPO
	73.4		24.62		—	NA	13	
	74.7		25.82		—	NA	54	

54.4	25.34		—	NA	42	
71.4	26.33		—	NA	24	
5.87	27.36		—	NA	47	
91.6	—	NAPEFAI/EQF	—	NA	45	
104.9	24.55		—	NA	49	J-QC/FLD/RPO
94.2	24.91		—	NA	51	
74.8	25.72		—	NA	50	
71.7	24.97		—	NA	51	
83.3	18.44		—	NA	86	
97.2	23.30		—	NA	17	J-QC/FFD/RPO
100.2	20.72		—	NA	48	
[redacted]						
103.2	23.39		—	NA	26	J-QC/FFD/FLDRPO
146.2	22.63		—	NA	30	
110.1	10.98		—	NA	46	
109.4	19.67		—	NA	18	
90.2	15.85		—	NA	36	J-QC/FLD/RPO
98.2	19.54		—	NA	48	
73.9	14.16		—	NA	42	
121.5	21.31		—	NA	44	
60.1	22.11		—	NA	62	
53.5	22.89		—	NA	16	
58.3	22.29		—	NA	21	
86.0	20.62		—	NA	18	
58.1	25.32		—	NA	62	
53.6	23.74		—	NA	64	
30.6	24.46		—	NA	64	
50.6	20.97		—	NA	35	
52.1	14.62		—	NA	40	
59.7	19.51		—	NA	53	
68.8	20.29		—	NA	37	
72.8	19.35		—	NA	57	
82.5	20.74		—	NA	52	J-QC/FFD/RPO
89.9	18.89		—	NA	52	
[redacted]						
96.7	24.56		—	NA	74	
105.7	24.08		—	NA	68	
138.7	21.63		—	NA	70	
102.2	25.11		—	NA	91	
99.2	19.70		—	NA	82	J-QC/FFD/RPO
95.5	20.90		—	NA	56	
110.4	23.20		—	NA	54	
76.3	22.02		—	NA	48	
44.6	24.01		—	NA	58	
42.1	20.64		—	NA	43	J-QC/FFD/RPO
33.9	22.78		—	NA	46	
42.5	21.00		—	NA	27	
87.4	23.70		—	NA	34	
74.2	12.24		—	NA	22	J-QC/FLD/RPO
63.3	22.90		—	NA	60	

37.7	27.17	—	NA	76	J-QC/FFB
64.4	26.61	—	NA	63	
74.0	27.19	—	NA	80	
71.6	24.53	—	NA	66	J-QC/FLD/RPO
80.4	27.58	—	NA	37	
96.5	28.95	—	NA	62	
108.1	25.74	—	NA	52	
[redacted]					
98.8	26.51	—	NA	65	[redacted]
100.9	20.79	—	NA	69	[redacted]
114.8	22.73	—	NA	23	J-QC/FFD/FLDRPO
122.8	20.90	—	NA	53	[redacted]
105.5	23.07	—	NA	30	[redacted]
99.7	22.54	—	NA	23	[redacted]
76.5	26.86	—	NA	48	[redacted]
74.1	22.79	—	NA	58	[redacted]
79.1	20.40	—	NA	68	[redacted]
71.3	19.22	—	NA	43	[redacted]
67.8	20.06	—	NA	46	[redacted]
86.6	23.98	—	NA	26	[redacted]
62.2	27.59	—	NA	72	[redacted]
76.2	25.28	—	NA	52	J-QC
64.3	24.15	—	NA	62	[redacted]
65.6	26.54	—	NA	74	J-QC/FFB
55.4	27.62	—	NA	116	[redacted]
66.5	26.39	—	NA	64	[redacted]
67.7	27.16	—	NA	102	[redacted]
84.6	27.51	—	NA	58	[redacted]
97.8	26.59	—	NA	66	[redacted]
100.3	30.42	—	NA	24	[redacted]
98.4	23.02	—	NA	80	[redacted]
[redacted]					
101.8	21.22	—	NA	43	J-QC
111.2	24.64	—	NA	50	J-QC/FLD/RPO
104.9	10.63	—	NA	36	
102.2	20.04	—	NA	31	J-QC/FFB
92.7	23.99	—	NA	48	J-QC/FFB/FLDRPO
89.7	22.15	—	NA	63	J-QC/FLD/RPO
91.8	22.02	—	NA	42	
81.9	21.89	—	NA	20	
66.8	25.18	—	NA	48	
65.4	26.54	—	NA	43	
61.5	26.91	—	NA	48	
72.2	29.44	—	NA	42	
69.7	24.13	—	NA	60	
81.1	28.03	—	NA	36	J-QC
58.8	23.86	—	NA	48	
107.7	20.18	—	NA	42	J-QC
[redacted]					

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.37	<2	<0.09	0.037
0.96	3	<0.09	0.039
[redacted]			
0.65	2	<0.19	0.027
0.59	3	<0.19	0.024
0.79	6	0.35	0.090
0.41	2	<0.19	0.046
0.48	6	<0.19	0.053
2.27	<2	<0.19	0.038
2.15	<2	<0.19	0.050
2.01	23	<0.19	0.075
1.77	2	<0.19	0.072
1.15	5	<0.19	0.075
2.20	2	<0.19	0.065
2.91	2	<0.19	0.080
2.72	6	<0.19	0.086
1.07	<2	0.23	0.071
0.97	<2	<0.19	0.114
0.86	<2	<0.19	0.094
0.75	2	<0.19	0.063
0.88	9	<0.19	0.084
0.85	<2	<0.19	0.065
0.77	7	<0.19	0.072
0.88	3	0.20	0.067
[redacted]			
1.25	4	<0.19	0.040
0.46	<2	<0.19	0.025
<1.00	11	<0.19	0.028
0.93	<2	<0.19	0.036
1.15	<2	<0.19	0.048
1.12	4	<0.19	0.045
1.04	6	<0.27	0.073
1.07	5	<0.27	0.055
0.98	<2	<0.27	0.048
1.21	<2	<0.27	0.063
0.77	6	<0.27	0.074
1.36	<2	<0.27	0.082
1.49	7	<0.27	0.067
0.96	11	<0.27	0.064
1.03	6	<0.27	0.076
0.85	<2	<0.27	0.070
0.98	5	<0.27	0.098
1.13	7	<0.27	0.097
1.12	<2	<0.27	0.114
0.86	5	<0.27	0.103
0.97	3	<0.27	0.156

0.72	<2	<0.27	0.080
0.62	<2	<0.27	0.050
0.73	<2	<0.27	0.030
[redacted]			
0.75	7	<0.27	0.03
0.93	4	<0.27	0.021
0.87	<2	<0.27	0.024
1.36	5	<0.27	0.019
1.55	4	<0.295	0.033
2.17	7	<0.295	0.036
1.74	6	<0.295	0.066
0.88	—	<0.295	0.064
0.96	7	<0.295	0.029
0.69	3	<0.295	0.040
0.88	—	<0.295	0.061
<1.00	—	<0.295	0.025
0.69	—	<0.295	0.041
0.89	<2	<0.295	0.047
1.48	—	<0.295	0.031
1.51	4	<0.295	0.027
1.50	3	<0.295	0.048
1.77	<2	<0.295	0.120
<1.00	—	<0.295	0.135
0.68	—	<0.295	—
<0.30	—	<0.295	0.121
0.68	—	<0.295	0.073
<1.00	—	<0.295	0.071
<1.00	—	0.66	0.086
0.69	—	<0.295	0.057
0.92	4	<0.295	0.050
0.83	<2	—	0.046
0.83	—	<0.295	0.043
[redacted]			
0.79	—	<0.295	0.045
0.52	<2	<0.295	0.023
1.27	5	0.111	0.027
<1.00	—	0.028	0.018
0.97	4	0.347	0.040
0.47	5	0.271	0.115
<0.30	<2	0.390	0.107
0.43	<2	0.304	0.118
0.35	<2	0.377	0.128
0.68	<2	0.291	0.113
0.30	<2	0.270	0.129
<0.30	<2	0.386	0.091
<0.30	<2	0.099	0.062
0.31	<2	0.233	0.055
[redacted]			
0.34	<2	0.306	0.039

0.56		<2		0.392		0.018
1.14		<2		0.349		0.025
<0.30		<2		0.378		0.039
<0.30		<2		0.340		0.071
<0.30		<2		0.251		0.042
<0.30		<2		0.077		0.036
<0.30		<2		0.194		0.031
<0.30		<2		0.144		0.035
<0.30		5		0.171		0.031
0.42		<2		0.271		0.070
<0.30		<2		0.384		0.076
1.01		—		0.478		0.053
0.36		<2		0.393		0.095
<0.30		<2		0.340		0.123
<0.30		<2		0.436		0.108
<0.30		<2		0.353		0.061
<0.30		<2		0.627		0.058
[redacted]						
0.42	BJ-QC/FBK/FFB	—	NAPQNS	0.331	J-QC/FMS	—
1.96	BJ-QC/FBK/FFB	<2	K	0.178	J-QC/FFB	0.036
0.72	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.038
1.68	BJ-QC/FBK/FFB	<2	K	0.574		0.048
<0.30	KBJ-QC/FBK/FFB	<2	K	0.595		0.071
<0.30	KJ-QC/FLS	<2	KJ-QC/FLS	0.209		0.062
1.39	J-QC/FFB	<2	K	0.386		0.071
0.42	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FLS	0.235		0.068
<0.30	KBJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.214		0.051
<0.30	KB/FBK	<2	K	0.132		0.039
0.48	BJ-QC/FBK/FFBFLS	<2	K	0.397		0.056
0.32	BJ-QC/FBK/FFBFLDRPO	<2	K	0.361		0.050
<0.30	KB/FBK	<2	K	0.112		0.051
0.59	BJ-QC/FBK/FFBFLS	<2	K	0.031	J-R	0.046
0.39	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.163		0.046
0.92	BJ-QC/FBK/FFBFLS	3	J-QC/FFB	<0.018	K	0.070
<1.00	KJ-QCJ-HT/FLS/EHT	<2	KJ-QC/FFD/RPOFLS	0.107		0.085
<0.30	KBJ-QC/FBK/FFBFFDRPO	—	NRP	<0.018	KJ-HT/EHT	0.061
0.58	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.198		0.067
0.55	BJ-QC/FBK/FFBFLS	<2	K	0.239	J-QC/FFB/FSL	0.056
[redacted]						
0.43	BJ-QC/FBK/FFBFLS	<2	K	0.330		0.0191
0.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.065		0.0229
0.57	BJ-QC/FBK/FFBFLS	<2	K	0.216		0.0388
0.51	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	0.181		0.0470
0.66	BJ-QC/FBK/FFBFLS	3		0.176	J-QC/FFB	0.0439
0.92	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.065		0.0358
2.75	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.282		0.0392
2.58	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.020	J-R	0.0614
0.57	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.337		0.0390
0.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.292	J-QC/FSL	0.0695
0.59	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.267		0.0714

0.61	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	K	0.0848
0.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.0792
0.59	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.393		0.1050
0.43	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.073		0.0813
0.56	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FLS	0.110	J-QC/FFD/RPOFMS	0.0464
0.56	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0371
0.66	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	0.257		0.0323
0.67	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.267		0.0772
0.51	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.377		0.0848
0.90	BJ-QC/FBK/FLSEHT	<2	K	0.241		0.0605
0.55	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.262		0.0440
[redacted]						
0.62	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB	0.518		0.0527
<0.30	KB-JQC/FBK/FFBFLS	3	J-QC/FFD/RPOFLS	0.141		0.0262
1.36	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.309		0.0314
0.65	BJ-QC/FBK/FFBFFDRPO	4	J-QC/FLS	0.068		0.0236
0.56	BJ-QC/FBK/FFBFLS	<2	K	0.468		0.0387
0.52	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FLS	0.196		0.0290
1.96	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.452		0.0548
0.52	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.087	J-QC/FFD/RPO	0.0231
0.90	BJ-QC/FBK/FFBFLS	<2	K	0.348	J-QC/FSL	0.0377
0.36	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FFD/RPO	0.321	J-QC/FFD/RPO	0.0523
0.71	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.320		0.0391
1.10	BJ-QCJ-HT/FBK/FFBEHT	4	J-QC/FLS	<0.0293	KJ-QC/FFD/RPO	0.0932
0.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	0.321		0.0494
0.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.621		0.0625
0.76	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.435		0.0822
1.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.495	J-QC/FFB	0.0418
1.24	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.474		0.0502
1.18	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0293	K	0.0522
0.47	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.242		0.0559
1.14	BJ-QC/FBK/FFBFLS	<2	K	0.309		0.0429
2.33	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.134	J-QC/FFB	0.0358
1.44	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.327	J-QC/FSL	0.0104
[redacted]						
0.76	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.898		0.0413
0.62	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.534		0.0318
0.73	BJ-QC/FBK/FFBFLS	<2	K	0.184	J-QC/FMS	0.0254
0.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.183	J-QC/FFB	0.0419
1.70	BJ-QC/FBK/FFBFLS	4		<0.0378	K	0.0581
0.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.199	J-QC/FMS	0.0573
0.56	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.209	J-QC/FMS	0.0564
1.21	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0378	K	0.0539
0.33	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.136		0.0354
0.51	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.382	J-QC/FMS	0.0579
1.77	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	0.256	J-QC/FFD/RPO	0.0606
0.60	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.209	J-QC/FMS	0.0386
0.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.116	J-QC/FMS	0.0372
0.57	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.227	J-QC/FMS	0.0572
0.59	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.269	J-QC/FMS	0.0767

0.31	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FFD/RPO	0.449		0.0837
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.058	J-RJ-QC/FSL	0.1547
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.169		0.1872
0.42	BJ-QC/FBK/FFBFLS	<2	K	0.275	J-QC/FMS	0.1433
0.59	BJ-QC/FBK/FFB	<2	K	0.316		0.1301
—	NA	—	NRP	0.130		0.0613
—	NA	<2	KJ-QC/FLS	0.359	J-QC/FMS	0.0664
[redacted]						
—	NA	<2	KJ-QC/FMS	0.364	J-QC/LLS/FMS	0.0335
—	NA	<2	KJ-QC/FMS	0.217	J/LLS	0.0283
—	NA	3	J-QC/FMS	0.685	J-QC/FSL/FMS	0.0409
—	NA	3	KJ-QCJ-HT/FMS/EHT	0.331	J/LLS	0.0274
—	NA	3		0.341	J/LLS	0.0551
—	NA	<2	KJ-QC/FMS	0.136	J/LLS	0.0549
<0.30	KBJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	0.375	J-QC/LLS/FSLFMS	0.0506
0.39	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.397	J-QC/LLS/FMS	0.0584
1.45	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	<0.0217	KJ-QC/FSL/FMS	0.0499
0.46	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.289	J-QC/LLS/FSL	0.0309
1.46	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.352	J-QC/LLS/FMS	0.0402
0.59	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.284	J/LLS	0.0219
0.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FMS	0.0223
0.41	BJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FSL	0.0389
0.39	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FMS	0.325	J/LLS	0.0474
0.34	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.374	J/LLS	0.0578
0.52	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.356	J/LLS	0.0587
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.428		0.0794
0.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.506		0.0795
0.30	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.338	J/LLS	0.0777
0.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.193	J-QC/LLS/FSL	0.0785
0.64	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.413		0.0707
0.66	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.212	J/LLS	0.0657
[redacted]						
0.69	BJ-QC/FBK/FFBFMS	<2	K	1.017	J-QC/FFB	0.0367
0.58	BJ-QC/FBK/FFBFMS	<2	K	0.360	J/LLS	0.0364
0.58	BJ-QC/FBK/FFBFMS	<2	K	0.051	J-R/LLS	0.0359
0.62	BJ-QC/FBK/FFBFMS	<2	K	0.273	J-QC/LLS/FFB	0.0275
0.74	BJ-QC/FBK/FFBFLDRPO	<2	K	0.239	J/LLS	0.0256
0.70	BJ-QC/FBK/FFBFLDRPO	<2	K	0.432	J-QC/FSL	0.0471
0.85	BJ-QC/FBK/FFBFMS	<2	K	0.222	J/LLS	0.0467
0.93	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	0.084	J/LLS	0.0543
0.30	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.251	J/LLS	0.0413
0.60	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.095	J-QC/LLS/FSLFMS	0.0392
0.65	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0705
0.55	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0648
0.66	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	1.154	J-QC/FMS	0.0937
0.73	BJ-QCJ-HT/FBK/FFB	<2	K	0.079	J/LLS	0.0928
0.58	BJ-QC/FBK/FFBFMS	<2	K	0.188	J/LLS	0.0595
0.58	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.069	J-QC/LLS	0.0619
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	1.06	0.151	0.22	–
	1.37	–	0.20	–
[redacted]				
	0.52	0.112	0.07	–
	0.32	0.378	0.07	–
	0.54	0.114	0.21	–
	0.47	0.114	0.07	–
	0.67	0.106	0.11	–
	0.71	0.159	0.11	–
	0.42	0.184	0.22	–
	0.55	0.207	0.17	–
	0.89	0.240	0.26	–
	0.78	0.182	0.15	–
	0.76	0.162	0.14	–
	0.42	0.272	0.18	–
	0.46	0.180	0.17	–
	0.55	0.196	0.17	–
	0.69	0.193	0.22	–
	0.50	0.162	0.20	–
	0.43	0.225	0.22	–
	0.53	0.198	0.18	–
	0.62	0.219	0.28	–
	0.69	0.210	0.11	–
	0.92	0.128	0.19	–
[redacted]				
	0.56	0.179	0.11	–
	0.56	0.083	0.09	–
	0.24	0.091	0.11	–
	0.45	0.133	0.10	–
	0.36	0.094	0.10	–
	0.88	0.113	0.12	–
	0.33	0.129	0.13	–
	0.46	0.141	0.13	–
	0.36	0.159	0.15	–
	0.46	0.433	0.20	–
	0.39	0.208	0.23	–
	0.47	0.219	0.20	–
	0.65	0.233	0.18	–
	0.27	0.224	0.21	–
	0.41	0.260	0.25	–
	0.29	0.218	0.22	–
	0.42	0.238	0.20	–
	0.44	0.230	0.24	–
	0.90	0.219	0.25	–
	0.48	0.258	0.24	–
	0.72	0.241	0.21	–

0.59	0.199	0.19	—
0.85	0.100	0.11	—
0.48	0.100	0.12	—
[redacted]			
0.49	0.12	0.13	—
0.70	0.085	0.06	—
0.51	0.106	0.13	—
1.74	0.145	0.11	—
0.31	0.084	0.07	—
0.40	0.124	0.12	—
0.40	0.180	0.15	—
0.75	0.157	—	—
0.42	0.088	0.12	—
0.28	0.108	0.08	—
0.41	0.153	—	—
0.32	0.139	—	—
0.36	0.141	—	—
0.36	0.178	0.16	—
0.13	0.168	—	—
0.15	0.180	0.15	—
1.21	0.341	0.17	—
0.36	0.217	0.21	—
0.61	0.212	—	—
0.60	0.182	—	—
3.13	0.197	—	—
0.64	0.178	—	—
0.17	0.158	0.18	—
0.46	0.140	0.13	—
0.56	0.139	0.13	—
1.02	0.143	0.14	—
0.68	0.107	0.13	—
0.58	0.135	0.12	—
[redacted]			
0.921	0.135	0.17	—
0.505	0.090	0.13	—
0.909	0.115	0.05	—
0.244	0.071	0.06	—
0.279	0.170	0.09	—
0.627	0.199	0.14	—
0.564	0.186	0.17	—
0.605	0.25	0.24	—
0.638	0.23	0.17	—
0.481	0.19	0.18	—
0.787	0.22	0.19	—
0.364	0.18	0.16	—
0.320	0.14	0.11	—
0.683	0.47	0.11	—
[redacted]			
1.12	0.10	0.09	—

	0.779		0.34		0.12		—	
	1.14		0.08		0.08		—	
	0.446		0.09		0.09		—	
	0.501		0.18		0.08		—	
	0.348		0.04		0.09		—	
	0.335		0.09		0.05		—	
	1.55		0.13		0.09		—	
	0.724		0.12		0.10		—	
	0.459		0.19		0.13		—	
	0.399		0.17		0.15		—	
	0.312		0.17		0.16		—	
	0.396		0.19		0.19		—	
	0.334		0.20		0.20		—	
	0.956		0.18		0.19		—	
	1.50		0.17		0.16		—	
	0.690		0.14		0.12		—	
	0.623		0.11		0.11		—	
NAPQNS	—	NAPQNS	0.12		<0.05	K	—	
	1.15	J-QC/FFB	0.10		0.06		—	
	0.377		0.09		0.06	J-QC/FFD/RPO	—	
	0.524		0.15		0.10		—	
	0.872	J-QC/FFB	0.11		0.19	J-QC/FFB/FFDRPO	—	
	0.577		0.08		0.07		—	
	0.679	J-QC/FFB	0.14	J-QC/FFD/RPO	0.13		—	
	0.237		0.13		0.12		—	
	1.48		0.15		0.13		—	
J-HT/EHT	0.795		0.16	J-QC/FFD/RPO	0.12		—	
	0.686		0.21	J-QC/FFB/FFDRPO	0.12		—	
	0.381	J-QC/FFB	0.18		0.19		—	
J-QC/FFB	0.719		0.21	J-QC/FFB	0.14		—	
J-QC/FFB	1.49		0.19		0.17		—	
	0.335	J-QC/FFB	—	NAP	—	NAP	—	
	0.603		0.11		0.18		—	
	0.801		0.16		<0.05	K	—	
J-HT/EHT	0.709	J-QCJ-HT/FFB/EHT	0.14	J-QC/FFD/RPO	0.14	J-QC/FFD/RPO	—	
J-QC/FFB	0.614	J-QC/FFB	0.12		0.11		—	
J-QC/FFB	1.75		0.11		0.11		—	
	0.974		0.08		0.07		—	NA
	0.281	J-QC/FFB	0.09		0.07		—	NA
	0.322		0.09		0.08		—	NA
	0.159		0.13		0.11		—	NA
	1.02		0.11		0.09	J-QC/FFD/FLDRPO	—	NA
	0.259	J-QC/FLS	0.12		0.07		—	NA
J-QC/FFB	0.183		0.13	J-QC/FFB	0.10		—	NA
	0.304		0.26	J-QC/FFB	0.19	J-QC/FFB/FFDRPO	—	NA
	0.211		0.27		0.18		—	NA
	0.305		0.19		0.16	J-QC/FLD/RPOFLS	—	NA
	0.2567		0.20		0.17		—	NA

	0.806		0.23		0.20		—	NA
J-QC/FFB	0.261		0.21		0.18		—	NA
	0.397		0.23		0.20		—	NA
	0.519		0.20		0.17		—	NA
	0.236		0.22	J-QC/FFB	0.18		—	NA
	0.250		0.17	J-QC/FLS	0.14		—	NA
	1.14	J-QC/FFD/RPO	0.20		0.16		—	NA
	0.399		0.24		0.19		—	NA
	0.861		0.35	J-QC/FFD/RPO	0.19		—	NA
J-QC/FFB	0.822		0.14	J-QC/FFB	0.13		—	NA
	0.785		0.14		0.11		—	NA
[redacted]								
J-QC/FFB	0.6080		0.13		0.16		—	NA
	0.4370	J-QC/FLS	0.09		0.08	J-QC/FLS	—	NA
	0.7198		0.17	J-QC/FFB/FFDRPO	0.14		—	NA
	0.3271		0.08	J-QC/FFB	0.04	J-R	—	NA
J-QC/FFB	0.4497		0.11		0.07		—	NA
	0.2703	J-QC/FFB/FFDRPO	0.08		0.06	J-QC/FFD/RPO	—	NA
J-QC/FFD/RPO	0.4624		0.11		0.10		—	NA
J-QC/FFB	0.1922		0.06	J-QC/FFB	0.04	J-R	—	NA
J-QC/FFB	0.3890	J-QC/FFB/FLS	0.14		0.10		—	NA
	0.3076		0.12	J-QC/FLD/RPO	0.14	J-QC/FFB	—	NA
J-QC/FFB	0.2928		0.14		0.11		—	NA
J-QC/FFB	0.2442		0.16		0.11		—	NA
J-QC/FFB	1.2444	J-QC/FFD/RPO	0.21		0.18		—	NA
	0.3023	J-QC/FFB	0.21	J-QC/FFB	0.17		—	NA
	0.2783		0.22		0.19		—	NA
	0.5052	J-QC/FFB	0.21		0.16	J-QC/FFB	—	NA
	0.4952	J-QC/FFD/RPO	0.12		0.11	J-QC/FFB/FFDRPO	—	NA
	0.3960		0.10		0.12		—	NA
J-QC/FFB/FFDRPO	0.4294		0.11		0.12		—	NA
	0.7037		0.21	J-QC/FFB	0.10		—	NA
	0.4914		0.14		0.12		—	NA
J-QC/FFB	0.7309		0.10		0.10		—	NA
[redacted]								
J-QC/FFB	0.5256		0.08	J-QC/FFB	0.07		—	NA
J-QC/FFB	0.8107	J-QC/FFB	0.10		0.07		—	NA
	0.3499	J-QC/FFB	0.10		0.05		—	NA
J-QC/FFB	0.2937	J-QC/FFB	0.12		0.07		—	NA
J-QC/FFB	0.6912		0.13		0.09		—	NA
J-QC/FFB	0.3532		0.10	J-QC/FFD/RPO	0.08		—	NA
J-QC/FFB	0.6626		0.13		0.11		—	NA
J-QC/FFB	0.3262		0.12		0.08		—	NA
J-QCJ-HT/FFB/EHT	0.6035		0.11		0.06	J-QC/FFD/RPO	—	NA
J-QC/FFB	0.5699		0.14		0.12		—	NA
	0.6674	J-HT/EHT	0.14		0.13		—	NA
	0.4229	J-QC/FLS	0.16		0.15		—	NA
J-QC/FFB	0.2585		0.16	J-QC/FFD/RPO	0.13		—	NA
	0.3241		0.19		0.17		—	NA
	0.4492		0.24		0.18		—	NA

J-QC/FFB	0.3336	J-QC/FFD/RPO	0.23		0.22		—	NA
	0.4752		0.22		0.19		—	NA
J-QC/FFB	0.6542		0.21		0.21		—	NA
J-QC/FFB	0.8147		0.19		0.17		—	NA
J-QC/FFB	0.7174		0.23		0.19		—	NA
J-QC/FFB	1.2456		0.13		0.10		—	NA
J-QCJ-HT/FFB/EHT	0.5637	J-QC/FFD/RPO	0.18		0.14		—	NA
[redacted]								
[redacted]	0.2647	[redacted]	0.12		0.10	J-QC/FLD/RPO	—	NA
J-QC/FFB	0.6517	J-HT/EHT	0.11	J-QC	0.08	J-QC	—	NA
J-QC/FFB	0.8001	J-QC/FFB	0.11	J-QC	0.08	J-QC	—	NA
J-QC/FFB	1.2911	[redacted]	0.12		0.07	I-QC/FFB/FFDFLDRPC	—	NA
J-QC/FFB	0.5267		0.10	J-QC/FFD/RPO	0.11	J-QC	—	NA
J-QC/FFB	0.6821	J-QC/FFB	0.13		0.07	J-QC	—	NA
[redacted]	0.4083	[redacted]	0.13		0.11	[redacted]	—	NA
J-QC/FFB	0.3951		0.13		0.10		—	NA
[redacted]	0.3678		<0.01	KJ/SUS	0.08		—	NA
J-QC/FFB	0.3798		0.12	J-QC/FLD/RPO	0.11		—	NA
J-QC/FFD/RPO	0.4760		0.11		0.09	J-QC	—	NA
[redacted]	1.6579		0.10		0.07	[redacted]	—	NA
[redacted]	0.4190		0.09	J-QC	0.09	J-QC	—	NA
J-QC/FLS	0.2789		0.22	J-QC	0.22	J-QC/FLD/RPO	—	NA
[redacted]	0.4443		0.15		0.11	[redacted]	—	NA
J-QC/FFD/RPO	0.3618		0.17	J-QC/FLD/RPO	0.14	J-QC/FLD/RPO	—	NA
[redacted]	0.3705	J-QC/FFB/FLS	0.19		0.16	[redacted]	—	NA
J-QC/FFB/FFDRPO	0.5860	J-QC/FFB/FFDRPO	0.20	J-QC/FFD/RPO	0.18	J-QC/FFD/RPO	—	NA
[redacted]	0.5729	[redacted]	0.17	J-QC/FFD/RPO	0.14	J-QC/FFD/RPOFMS	—	NA
[redacted]	0.3685	[redacted]	0.13		0.13	[redacted]	—	NA
J-QC/FFB	0.5574		0.17	J-QC	0.13	J-QC	—	NA
J-QC/FFB	0.6530	J-QC/FLS	0.13	J-QC	0.11	J-QC	—	NA
[redacted]	0.7032	[redacted]	0.18		0.13	[redacted]	—	NA
[redacted]								
J-QC/FFB	0.5870	J-QC/FLS	0.10		0.09		—	NA
	0.3664		0.10		0.05		—	NA
J-QC/FFB	0.5123	J-QC/FLS	0.10		0.06		—	NA
	0.4907		0.09	J-QC/FFB	0.08	J-QC/FFB	—	NA
J-QC/FFB	0.2375	J-QCJ-HT	0.10		0.09		—	NA
	0.2654		0.08		0.08	J-QC/FFB	—	NA
J-QC/FFB	0.2428		0.10	J-QC/FMS	0.04	J-R/LLS	—	NA
J-QC/FFB	0.3784		0.10		0.09		—	NA
J-QCJ-HT/FFB	0.3031	J-QC/FLS	0.13	J-QC/FFB	0.09		—	NA
	0.2713	J-QC/FLS	0.11		0.09		—	NA
	0.3917		0.13		0.11		—	NA
J-QC/FFB	0.3673		0.16		0.10		—	NA
J-QC/FFB	0.4895		0.18		0.15		—	NA
J-QC/FFB	0.5219		0.20		0.16		—	NA
J-QC/FFB	0.8377		0.18		0.15		—	NA
J-QC	0.7951		0.15		0.12		—	NA
[redacted]								

DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
1.9	0.00	0.00
3.8	0.00	0.36
4.2	0.00	0.00
21.0	1.09	1.53
3.0	0.00	0.00
2.2	0.18	0.18
3.1	0.00	0.00
1.0	0.00	0.00
1.8	0.00	0.00
2.0	0.00	0.00
6.4	0.00	0.09
1.7	0.00	0.00
6.2	0.00	0.39
3.6	0.00	0.00
3.9	0.00	0.00
2.9	0.00	0.00
4.3	0.00	0.00
1.1	0.08	0.61
<0.5	0.00	0.00
5.3	0.00	0.00
4.7	0.00	0.00
3.8	0.00	0.01
4.5	0.21	0.24
<0.5	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.29
<0.5	0.00	0.00
0.6	0.00	0.00
<0.5	0.00	0.00
<0.5	0.00	0.00
0.9	0.00	0.00
3.9	0.00	0.66
2.0	0.00	0.95
3.4	0.00	0.00
2.8	0.04	0.04
—	0.00	0.00
19.1	0.01	0.01
2.7	0.00	0.00
2.5	0.00	0.00
2.2	0.00	0.03
2.2	0.00	0.00
2.4	0.00	0.01
7.5	0.00	0.00
2.0	0.00	0.00

2.2	0.00	0.00	[redacted]
7.5	0.48	0.48	
6.7	0.00	0.00	
[redacted]			
5.2	0.12	0.12	
4.4	0.00	0.00	
4.2	0.00	0.00	
2.7	0.00	0.00	
4.6	0.00	0.00	
4.6	0.01	0.48	
10.4	0.00	0.00	
—	0.00	0.00	
2.1	0.00	0.00	
1.8	0.00	0.00	
—	0.03	0.15	
—	0.00	1.56	
—	0.00	0.00	
5.5	0.00	0.00	
—	0.00	0.00	
5.3	0.00	0.00	
4.8	0.00	0.00	
5.2	0.27	0.84	
—	0.00	0.02	
—	0.00	0.00	
—	0.00	0.00	
—	0.00	0.00	
2.4	0.00	0.00	
1.7	1.11	1.11	
1.3	0.00	0.00	
2.0	0.00	0.04	
1.6	0.00	0.00	
1.1	0.00	0.00	
[redacted]			
1.9	0.00	1.58	
0.8	0.00	0.00	
1.2	0.02	0.02	
<0.5	0.42	0.42	
1.1	0.00	0.66	
3.5	0.00	0.00	
<0.5	0.00	1.09	
4.7	0.00	0.00	
5.3	0.00	0.00	
5.0	0.00	0.00	
5.1	0.00	0.00	
<0.5	0.01	0.01	
2.7	0.01	0.09	
2.5	0.00	0.06	
[redacted]			
1.3	0.00	0.00	

2.3		0.05	0.10
3.6		0.00	0.00
3.5		0.00	0.00
3.8		0.00	0.48
9.4		0.00	0.14
4.3		0.00	0.00
4.5		0.00	0.04
4.6		0.14	0.15
6.3		0.00	0.80
5.2		0.00	0.00
4.0		0.00	0.00
3.2		0.00	0.71
3.5		0.00	0.00
3.9		0.00	0.00
2.7		0.00	0.00
4.1		0.15	0.15
2.9		0.00	0.00
[redacted]			
3.9	J-QC/FFB	0.00	0.00
3.9	J-QC/FFB	0.00	0.00
4.2	J-QC/FFB	0.00	0.00
5.9		1.47	2.10
5.9	J-QC/FFB	0.10	0.10
3.8		0.92	1.35
4.8	J-QC/FFB/FFDRPO	0.01	0.68
3.5		0.43	0.43
4.2	J-QC/FFB	0.08	0.08
4.5		0.00	0.00
3.8	J-QC/FFB	0.00	0.15
4.6	J-QC/FFB	0.00	0.00
4.7	J-QC/FFB	0.08	0.12
4.0		1.13	1.13
—	NAP	0.00	0.00
3.9	J-QC/FFB	0.00	0.00
3.5	J-QC/FFB	0.00	0.00
3.8		0.00	0.30
3.3	J-QC/FFB	0.00	0.00
3.5	J-QC/FFB	0.00	0.00
[redacted]			
4.60		0.10	1.32
3.80		0.00	0.00
3.70	J-QC/FFB	0.00	0.47
3.80		0.00	0.01
4.34	J-QC/FFB	0.00	0.00
3.59	J-QC/FFB	0.00	0.00
3.75	J-QC/FFB	0.00	0.18
4.04	J-QC/FFB	0.00	0.00
3.60	J-QC/FFB	0.00	1.69
3.20	J-QC/FFB	0.00	0.05
3.40	J-QC/FFB	0.00	0.00

3.40	J-QC/FFB	0.00	0.00
4.10	J-QC/FFB	0.00	0.00
3.80	J-QC/FFB	0.00	1.24
3.80	J-QC/FFB	0.00	0.00
5.10	J-QC/FFB	0.00	0.00
4.10	BJ-QC/FBK/FFB	0.00	0.93
3.50	J-QC/FFB	0.00	0.00
3.20	J-QC/FFB	0.00	0.16
3.70		0.00	0.01
4.20		0.00	0.00
4.00		0.00	0.00
[redacted]			
4.1		0.00	0.00
4.7	J-QC/FFB	0.00	0.00
5.7		0.00	0.00
2.9	J-QC/FFB	0.04	0.04
3.1	BJ-QC/FBK/FFB	0.00	0.00
2.7	BJ-QC/FBK/FFB	0.00	0.00
2.9		0.00	0.00
5.0	J-QC/FFB	0.00	0.00
2.9	J-QC/FFB	0.49	0.53
5.4	J-QC/FFB	0.00	0.00
4.5	J-QC/FFB	0.00	0.00
3.9	J-QC/FFB	0.17	0.17
3.6	J-QC/FFB	0.00	0.00
3.8	J-QC/FFB	1.32	1.32
3.2	J-QC/FFB	0.00	0.22
5.4	J-QC/FFB	0.00	0.00
3.9	J-QC/FFB	0.00	0.00
3.8	J-QC/FFB	0.08	0.12
4.3	J-QC/FFB	1.52	1.59
3.5		0.00	0.00
2.8	J-QC/FFD/RPO	0.00	0.00
5.4	J-QC/FFB/FFDRPO	0.03	0.03
[redacted]			
2.8		0.14	0.14
—	NAPEFAI/EQF	0.02	0.02
3.3	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
1.3		0.02	0.02
2.1		0.20	0.82
1.6	J-QC/FFB	0.21	0.48
1.8	J-QC/FFB	0.00	0.18
2.5	BJ-QC/FBK/FFB	0.40	0.60
2.1	J-QC/FFB	0.58	0.60
2.8	B/FBK	0.00	0.93
2.3	BJ-QC/FBK/FFBFFDRPO	0.00	0.00
1.9	B/FBK	0.00	0.00
2.8	J-QC/FFB	0.00	0.00
4.8	J-QC/FFB	0.03	0.07
4.1	J-QC/FFB	0.00	0.00

2.4	J-QC/FFB	0.00	0.00
1.8		0.00	0.00
1.9	J-QC/FFD/RPO	0.01	1.01
2.1	J-QC/FFB	0.00	0.00
2.9	J-QC/FFB	0.00	0.00
2.3	BJ-QC/FBK/FFB	0.00	0.00
2.3	J-QC/FFB	0.00	0.02
3.20	BJ-QC/FBK/FFB	0.00	0.00
3.26	J-QC/FFB	0.00	0.00
3.12	BJ-QC/FBK/FFB	0.00	0.00
3.1	J-QC	0.00	0.00
2.5		0.00	0.00
2.8	J-QC/FFB/FLDRPO	1.15	1.15
1.9		0.00	0.00
2.2	J-QC	0.00	0.00
5.9		0.00	0.96
5.8	J-QC/FFB	1.29	1.29
3.5	J-QC/FFD/FLDRPO	0.00	0.00
2.5		0.00	0.01
3.7	J-QC/FFB	0.00	0.00
7.3	BJ-QC/FBK/FFB	0.00	0.00
4.3	J-QC	0.00	0.02
3.9	J-QC	0.00	0.00
22.3	J-QC/FFB	0.00	0.00
1.7	J-QC/FFD/RPO	0.00	0.00
4.1	J-QC/FFD/RPO	0.00	0.04
2.0		0.00	0.00
4.07	J-QC/FFB	0.00	0.00
5.06	J-QC/FLD/RPO	0.00	0.00
3.33		0.00	0.00
3.6		0.00	0.07
1.7		0.00	0.00
3.4		0.07	0.74
3.5		0.00	0.00
2.0		0.00	0.08
3.8		0.00	0.00
4.2		0.00	0.00
3.5		0.02	0.02
0.4	J-R/LLS	0.00	0.49
1.2		0.00	0.00
3.0		0.00	0.55
1.4		0.00	0.00
1.5		0.03	0.03
3.0		0.00	0.00
3.8		0.00	0.00
2.4		0.00	0.08

Station #29 Upper Raritan Bay	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 3, 2003	12:15	5.90	6.9	9.77
2004				
February 26, 2004	12:05	8.77	2.9	14.81
April 13, 2004	12:30	—	7.6	12.84
June 17, 2004	11:50	8.07	24.4	14.14
June 24, 2004	12:02	8.02	21.0	5.17
June 29, 2004	12:20	7.91	21.2	2.60
July 15, 2004	12:30	7.54	22.8	4.00
July 22, 2004	10:55	8.24	24.1	3.20
July 29, 2004	11:00	7.02	23.0	4.43
August 5, 2004	11:45	7.56	24.44	6.55
August 12, 2004	11:40	7.00	23.45	6.86
August 19, 2004	10:05	7.88	23.57	8.58
August 26, 2004	11:32	7.86	23.42	9.27
September 2, 2004	10:00	7.98	23.71	5.75
September 23, 2004	11:10	7.68	21.36	6.96
September 30, 2004	11:55	6.32	20.48	6.23
October 13, 2004	11:55	7.41	17.27	9.48
October 28, 2004	12:10	7.50	12.9	7.36
November 23, 2004	11:53	7.44	10.23	7.63
December 9, 2004	11:05	7.82	8.15	9.33
2005				
March 10, 2005	12:35	—	1.70	17.89
April 14, 2005	11:45	—	9.96	16.77
April 28, 2005	11:34	8.09	11.61	11.22
May 4, 2005	12:34	—	12.35	10.10
May 16, 2005	10:24	7.82	15.18	10.54
June 9, 2005	11:39	7.93	21.99	12.79
June 14, 2005	11:40	7.81	21.13	8.52
June 23, 2005	11:50	7.70	21.35	8.96
July 7, 2005	11:33	7.88	24.00	6.62
July 21, 2005	12:54	7.43	25.40	5.33
July 27, 2005	11:57	7.44	25.61	7.87
August 4, 2005	11:19	7.56	26.03	6.58
August 9, 2005	11:15	7.43	24.85	3.72
August 18, 2005	11:05	7.56	25.17	5.50
August 23, 2005	11:50	9.31	25.05	8.34
September 1, 2005	—	—	—	—
September 6, 2005	—	—	—	—
September 22, 2005	11:53	7.52	23.80	5.72
October 4, 2005	12:22	7.91	21.02	9.97
October 20, 2005	11:27	7.94	16.44	8.47
November 21, 2005	11:19	7.81	10.71	9.32
2006				
February 16, 2006	10:02	7.90	4.04	15.83
February 28, 2006	11:24	8.28	2.37	15.12

March 28, 2006	11:09	8.72	7.79	22.34
April 19, 2006	10:10	8.35	12.67	14.91
April 25, 2006	11:05	7.53	12.61	7.40
May 3, 2006	10:32	7.81	14.52	10.74
June 22, 2006	10:43	7.66	20.55	7.79
June 27, 2006	12:01	7.48	20.76	5.87
July 13, 2006	10:38	7.55	20.19	8.64
July 25, 2006	11:31	7.40	24.36	5.67
August 8, 2006	11:20	8.13	24.71	8.76
August 22, 2006	11:12	7.65	24.81	5.06
August 30, 2006	11:54	7.32	22.16	4.29
September 7, 2006	11:44	7.38	20.93	6.75
September 13, 2006	11:41	7.51	20.29	7.90
September 19, 2006	11:24	7.44	21.71	6.49
September 26, 2006	11:47	7.89	19.92	12.03
October 3, 2006	11:50	7.63	19.08	7.06
October 31, 2006	12:03	7.57	11.75	8.56
November 15, 2006	12:01	7.37	13.07	7.70
November 28, 2006	12:22	7.43	10.62	7.94
December 12, 2006	12:03	7.67	6.73	10.28
2007				
January 9, 2007	11:59	7.48	7.80	9.13
January 23, 2007	12:17	7.60	4.44	9.49
May 1, 2007	11:54	7.53	11.33	12.75
Boat engine failure - 5/18/07				
September 5, 2007	11:47	7.50	23.42	7.93
September 12, 2007	11:22	7.48	23.38	6.99
September 27, 2007	12:23	7.58	22.00	7.75
October 2, 2007	11:46	7.55	20.77	8.28
October 16, 2007	12:02	7.37	18.09	6.35
November 1, 2007	11:50	7.34	14.88	7.46
November 29, 2007	11:45	—	7.79	9.05
December 11, 2007	11:21	—	5.44	9.30
December 20, 2007	11:39	—	4.36	11.07
2008				
January 8, 2008	11:30	—	5.11	10.49
February 7, 2008	12:09	7.64	4.82	10.55
March 11, 2008	11:51	7.68	5.32	11.03
April 8, 2008	12:27	7.91	8.61	10.82
May 28, 2008	11:52	7.87	15.33	9.34
June 3, 2008	11:31	7.98	16.87	11.12
June 17, 2008	11:46	8.06	22.97	10.46
June 24, 2008	12:15	7.52	20.96	5.28
July 15, 2008	12:09	7.83	24.51	9.27
August 5, 2008	10:38	7.48	24.26	6.85
September 4, 2008	12:00	7.70	24.17	9.84
September 10, 2008	11:39	7.32	23.29	4.94
September 16, 2008	11:18	7.47	22.53	4.23
September 23, 2008	11:03	7.46	20.14	7.76
October 7, 2008	11:11	—	17.32	5.22

December 3, 2008		11:45	7.36		6.53		9.85
2009							
February 10, 2009		10:38	7.77		2.16		13.39
April 30, 2009		12:30	7.91		13.16		—
May 7, 2009		11:38	7.10		14.37		—
June 4, 2009		10:35	7.68		17.95		—
June 16, 2009		10:57	8.29		20.03		12.21
June 24, 2009		10:44	7.69		19.90		6.94
July 7, 2009		11:19	7.79		22.91		8.07
July 14, 2009		11:52	7.42		21.88		8.39
July 28, 2009		10:45	—	NAPEFAI/EQF	22.86		5.83
August 4, 2009		10:46	—	NAPEFAI/EQF	25.24		9.03
August 13, 2009		11:45	7.94		23.54		9.07
August 18, 2009		11:24	—	NAPEFAI/EQF	23.99		—
September 1, 2009		10:42	—	NAPEFAI/EQF	22.79		—
September 15, 2009		10:34	—	NAPEFAI/EQF	20.75		—
September 22, 2009		10:33	—	NAPEFAI/EQF	20.32		—
October 19, 2009		12:03	—	NAPEFAI/EQF	11.39		—
November 9, 2009		11:22	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 8, 2009		11:35	7.87		8.57		9.39
2010							
April 13, 2010	A	11:18	7.88		11.53		13.63
April 13, 2010	B	11:18	—	NA	—	NA	—
May 13, 2010		11:25	7.95		12.54		9.85
May 20, 2010	A	11:36	7.78		14.71		9.95
May 20, 2010	B	11:36	—	NA	—	NA	—
May 26, 2010		11:12	8.14		17.23		11.73
June 8, 2010		11:25	7.91		19.83		8.78
June 14, 2010		11:34	7.76		20.82		6.44
June 24, 2010		11:19	7.87		27.42		9.47
July 15, 2010		11:18	7.53		24.56		4.26
July 20, 2010	A	11:03	7.72		26.27		6.22
July 20, 2010	B	11:03	—	NA	—	NA	—
July 27, 2010		11:35	7.75		26.55		7.05
August 3, 2010	A	11:11	7.72		24.88		6.26
August 3, 2010	B	11:11	—	NA	—	NA	—
August 10, 2010		11:37	7.89		25.48		7.75
August 17, 2010		11:09	7.41		25.80		4.62
August 31, 2010		11:20	8.66		25.27		16.01
September 8, 2010	A	11:18	8.21		23.35		10.48
September 8, 2010	B	11:18	—	NA	—	NA	—
September 14, 2010		11:22	8.23		20.98		9.78
September 21, 2010		10:34	7.56		20.15		5.61
September 29, 2010		11:33	7.58		21.44		6.36
October 6, 2010		11:45	7.34		17.82		6.74
2011							
January 5, 2011		11:31	7.97		2.30		12.66
February 17, 2011		11:25	7.89		3.14		19.26
March 9, 2011		10:58	7.74		5.33		13.18
April 11, 2011		11:25	7.98		8.58		13.54

May 10, 2011	A	11:55	7.87		14.24		13.70
May 10, 2011	B	11:55	—	NA	—	NA	—
May 25, 2011		11:43	7.41		19.41		7.00
June 7, 2011		11:34	8.74		20.22		18.99
June 28, 2011		11:55	8.17		24.75		12.08
July 6, 2011	A	11:38	8.00		25.60		10.11
July 6, 2011	B	11:38	—	NA	—	NA	—
July 13, 2011		11:10	8.02		25.13		9.88
July 28, 2011		11:23	8.15		26.51		10.64
August 9, 2011		11:57	7.84		26.28		7.22
August 17, 2011		11:34	7.24		24.36		3.96
August 24, 2011		11:20	7.67		23.54		6.85
September 14, 2011		11:42	7.43		22.04		5.52
September 21, 2011		11:34	7.48		19.55		6.55
September 29, 2011	A	10:33	7.66		20.81		6.49
September 29, 2011	B	10:33	—	NA	—	NA	—
October 25, 2011		11:41	7.56		15.59		6.91
November 2, 2011		11:37	7.60		11.06		9.00
December 20, 2011		11:28	7.65		7.87		9.60
2012							
January 11, 2012		10:54	7.87		6.40		10.53
February 8, 2012		11:45	7.95		5.96		11.89
March 7, 2012		11:50	8.37		6.30		15.85
April 19, 2012		12:00	7.86		14.02		10.08
May 10, 2012		11:55	7.69		15.25		7.59
May 17, 2012		11:20	8.33		17.81		13.95
May 23, 2012		11:05	8.06		20.46		8.62
June 6, 2012		10:18	—	NAPEFAI/EQF	19.79		5.41
June 14, 2012		11:11	—	NAPEFAI/EQF	21.56		3.80
June 20, 2012		10:18	—	NAPEFAI/EQF	22.73		4.31
June 28, 2012		11:13	—	NAPEFAI/EQF	22.80		3.78
July 12, 2012	A	11:25	8.38		26.53		11.26
July 12, 2012	B	11:25	—	NA	—	NA	—
July 24, 2012		11:30	7.94		27.45		5.86
July 31, 2012		10:18	7.47		25.04		5.22
August 22, 2012		11:10	7.53		24.97		4.76
September 11, 2012		11:45	7.75		23.49		7.36
September 19, 2012		11:39	7.70		21.54		6.32
September 25, 2012		11:34	7.60		20.18		6.33
October 18, 2012		10:08	7.89		15.47		7.24
November 29, 2012		10:02	7.83		7.18		10.02
December 5, 2012		10:27	7.90		8.14		11.42
2013							
January 8, 2013		10:06	7.83	[redacted]	4.73		11.20
February 6, 2013		09:59	8.01	[redacted]	2.79		12.78
March 13, 2013		09:44	8.10	[redacted]	5.70		13.16
May 2, 2013		11:53	8.10	[redacted]	13.94		12.25
May 7, 2013		11:51	7.90	[redacted]	15.05		8.89
May 15, 2013	A	11:03	7.66	[redacted]	14.51		7.91
May 15, 2013	B	11:03	—	NA	—	NA	—

May 21, 2013		11:05	7.74	[redacted]	16.05		7.76
June 4, 2013		10:58	8.02	[redacted]	18.50		9.75
June 12, 2013		11:38	7.74	[redacted]	18.82		8.66
June 19, 2013		11:30	8.19	[redacted]	20.06		11.37
June 26, 2013		11:45	7.91	[redacted]	21.04		7.88
July 11, 2013		11:05	8.20	[redacted]	22.60		10.66
July 25, 2013	A	11:34	7.85	[redacted]	23.38		6.87
July 25, 2013	B	11:34	—	NA	—	NA	—
July 30, 2013		11:48	7.87	[redacted]	24.18		8.50
August 15, 2013		11:15	7.91	[redacted]	22.77		8.00
August 21, 2013		12:02	7.80	[redacted]	23.08		6.67
September 11, 2013		11:35	7.67	[redacted]	22.52		7.98
September 24, 2013		11:21	7.82	[redacted]	18.21		9.08
October 2, 2013		11:26	8.01	[redacted]	19.16		11.14
November 20, 2013		11:53	7.81	[redacted]	8.06		11.07
December 4, 2013		11:59	7.57	[redacted]	5.68		12.34
2014							
January 16, 2014		11:49	7.24		2.70		13.19
March 10, 2014		12:03	7.55		1.95		14.11
April 9, 2014		11:37	7.54		7.31		13.91
May 7, 2014		11:38	7.23		12.16		11.40
May 12, 2014		11:31	7.33		12.31		10.22
June 17, 2014		11:37	8.05		21.69		15.96
June 25, 2014	A	11:30	7.77		21.61		11.28
June 25, 2014	B	11:30	—	NA	—	NA	—
July 9, 2014		11:38	7.65		21.75		8.13
July 30, 2014		11:18	7.66		22.16		7.95
August 14, 2014	A	11:26	7.47		22.04		5.68
August 14, 2014	B	11:26	—	NA	—	NA	—
August 26, 2014		10:42	7.99		22.85		8.78
October 2, 2014		11:18	7.52		19.54		6.84
December 4, 2014		11:31	7.55		6.82		10.56
[redacted]							

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	92.1	20.8	4	16
[redacted]				
	142.0	23.1	3	25
	122.9	20.9	3	20
	169.3	—	5	14
	59.4	—	4	16
	—	—	3	20
	43.0	—	3	18
	34.0	—	3	24
	51.4	—	1	20
	89.3	22.69	4	20
	93.3	23.82	4	22
	114.9	22.04	3	43
	123.3	21.93	3	28
	77.9	23.57	3.5	43
	88.2	19.81	10	36
	76.1	16.87	1	18
	113.8	23.43	7	14
	79.7	20.6	8	14
	79.2	23.57	9	14
	89.1	18.06	5	26
[redacted]				
	148.3	23.20	3	19
	162.9	14.32	4	15
	117.9	21.15	2	10
	107.8	22.43	1	14
	120.5	22.32	3	25
	169.4	23.22	3.5	14
	112.0	26.60	—	23
	119.1	28.25	4	26
	93.7	30.30	2.5	14
	77.2	29.34	4	14
	111.3	25.61	3	26
	94.5	26.95	2	16
	52.2	26.20	4	24
	78.1	26.98	3	19
	119.0	28.31	4	41
	—	—	—	41
	—	—	—	30
	81.1	31.11	4	23
	132.5	28.15	3	20
	98.5	20.74	5	11
	98.1	24.01	10	39
[redacted]				
	143.4	24.37	4	17
	134.9	29.05	3	28

219.9	24.11	3	20
163.4	24.31	4	32
79.4	21.34	2	22
121.0	12.81	3	30
102.9	29.28	6	21
75.6	24.19	—	20
110.6	25.47	—	22
78.2	25.82	—	16
123.1	27.32	3	30
71.5	28.01	3	22
58.4	29.51	6	22
89.0	27.22	3	16
104.2	30.00	5	21
84.7	22.86	5	16
153.9	25.87	4	22
90.0	27.82	4	22
89.5	19.79	4	42
81.6	17.20	4	14
80.2	18.16	5	42
98.7	24.03	7	14
[redacted]			
88.7	22.25	—	21
86.2	24.11	—	27
130.8	18.15	4	18
107.9	25.31	6	26
97.1	29.41	—	23
105.6	30.13	8	28
109.1	27.34	10	32
78.9	26.88	10	24
86.8	26.34	8	22
89.2	24.58	5	23
87.2	26.25	10	27
101.5	26.05	5	54
[redacted]			
97.7	25.42	6	28
95.0	21.52	—	30
95.9	14.42	2	34
107.0	22.09	6	50
108.0	23.45	8	23
134.0	25.74	8	52
140.4	24.35	5	20
75.6	27.27	5	19
129.3	26.52	4	20
95.8	28.01	4	58
139.3	28.27	4	18
67.5	26.74	7	17
56.5	24.71	6	23
99.8	26.30	4	22
64.1	27.26	9	14

	93.4		23.31		4		14	
[redacted]								
	116.4		26.36		4		28	
NAPEFAI/EQF	—	NAPEFAI/EQF	26.37		—	NAP	24	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	16.79		3		18	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	23.68		6		18	
	151.4		20.39		3		14	J-QC/FFB
	86.5		21.44		6		16	J-QC/FFB
	106.8		22.65		4		44	J-QC/FFB
	108.5		23.56		5		38	
	79.1		24.28		6		19	
	122.1		19.51		2		18	J-QC/FFD/RPO
	123.2		24.76		4		51	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	26.48		4		22	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.78		6		15	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	26.25		7		46	
NAPEFAI/EQF	—	NAPEFAI/EQF	25.93		5		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	29.63		5		20	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	3		15	J-QC/FFD/RPO
	96.5		28.11		5		30	
[redacted]								
	143.4		20.21		4		40	
NA	—	NA	—	NA	—	NA	42	
	107.5		23.99		4		62	J-QC/FFB
	112.9		22.96		3		40	
NA	—	NA	—	NA	—	NA	46	
	140.7		22.67		3		54	J-QC/FFD/RPO
	112.4		25.76		4		51	
	83.5		26.12		6		46	
	128.4		25.47		3		44	
	59.1		26.24		3		24	J-QC/FFD/FLDRPO
	92.5		25.84		3		21	
NA	—	NA	—	NA	—	NA	22	
	102.2		26.06		3		59	
	87.7		26.14		4		51	
NA	—	NA	—	NA	—	NA	53	
	111.8		27.47		3		34	
	67.3		28.30		6		49	
	232.0		—	NAPEFAI/EQF	4		58	
	143.6		25.84		3		53	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	45	J-QC/FLD/RPO
	129.6		26.33		3		52	
	68.2		26.19		6		50	
	83.8		26.20		5		58	
	79.8		20.02		4		30	
[redacted]								
	110.8		26.57		4		28	J-QC/FFD/FLDRPO
	170.4		24.97		5		22	
	117.6		18.37		—	NAP	54	
	136.2		22.98		3		22	

	151.6		20.08		5		49	
NA	—	NA	—	NA	—	NA	48	
	82.6		13.48		5		40	
	228.5		22.07		3		68	
	164.5		20.62		4		20	
	163.6		22.18		3		22	
NA	—	NA	—	NA	—	NA	24	
	136.7		22.67		5		19	
	164.6		24.73		5		54	
	103.0		25.38		5		66	
	52.7		18.30		4		31	
	92.1		22.82		5		48	
	67.8		12.07		7		24	
	78.1		15.24		6		42	
	82.5		22.49		8		36	
NA	—	NA	—	NA	—	NA	42	
	79.3		21.85		3		23	
	91.5		18.01		3		38	J-QC/FFD/RPO
	92.4		20.81		3		46	
[redacted]								
	101.1		25.14		5		64	
	113.4		25.85		4		61	
	152.6		26.24		3		27	
	115.0		26.25		5		114	
	88.3		24.88		2		56	
	170.9		25.23		3		70	
	108.1		20.68		3		48	
	68.4		24.37		5		28	
	49.1		22.47		5		44	J-QC/FFD/RPO
	57.1		22.22		6		58	
	49.3		21.80		7		54	
	160.8		23.74		3		36	
NA	—	NA	—	NA	—	NA	42	
	78.4		23.22		5		20	J-QC/FLD/RPO
	73.3		25.88		3.5		64	
	68.1		27.01		4		52	J-QC/FFB
	101.1		26.55		6		60	
	84.5		28.94		2		66	
	82.2		27.36		3		66	J-QC/FLD/RPO
	86.9		29.62		6		27	
	101.1		30.19		5		58	
	115.0		26.57		5		52	
[redacted]								
[redacted]	104.5		27.05		4		62	[redacted]
	112.2		25.17		2		62	
	125.0		26.17		2		23	J-QC/FFD/FLDRPO
	140.7		24.18		3		28	[redacted]
	102.5		24.10		1		36	
	91.3		26.44		2		45	
NA	—	NA	—	NA	—	NA	42	

[redacted]	102.1		23.71		4		55	[redacted]
	121.3		25.40		7		58	
	102.4		17.88		3		44	
	142.1		21.25		5		36	
	101.9		24.10		4		25	
	144.1		26.82		2		46	
	—	A	26.09		2		58	
NA	—	NA	—	NA	—	NA	64	J-QC
[redacted]	115.5		22.24		3		47	[redacted]
	107.4		25.98		3		54	J-QC/FFB
	92.1		29.03		2		63	
	108.2		27.31		1		80	
	113.8		27.60		1		63	
	142.1		27.79		5		58	
	114.8		31.43		3		38	
	114.1		24.42		3		52	
[redacted]								
	113.7		23.07		1		40	J-QC
	121.5		25.70		4		44	J-QC/FLD/RPO
	130.5		18.59		3		86	
	119.2		17.53		4		36	J-QC/FFB
	109.3		10.26		1		32	J-QC/FFB/FLDRPO
	217.5		22.30		3		44	
	146.5		23.09		4		14	
NA	—	NA	—	NA	—	NA	16	
	109.3		27.40		1		74	
	105.8		25.45		3		36	
	77.1		29.12		2		40	
NA	—	NA	—	NA	—	NA	41	
	120.6		29.80		4		36	
	88.1		29.06		2		36	J-QC
	102.2		25.24		3		42	J-QC
[redacted]								

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.58	<2	0.12	0.039
[redacted]			
0.88	4	<0.19	0.025
0.94	3	<0.19	0.022
0.55	3	<0.19	0.059
0.64	4	<0.19	0.034
1.80	—	<0.19	0.029
2.06	<2	1.45	0.051
2.51	17	<0.19	0.074
1.15	4	<0.19	0.064
1.81	3	<0.19	0.070
2.35	7	<0.19	0.078
3.13	4	<0.19	0.082
2.42	4	<0.19	0.086
0.95	4	<0.19	0.065
0.91	<2	<0.19	0.116
1.26	<2	<0.19	0.074
<0.30	3	<0.19	0.072
0.74	3	<0.19	0.088
0.89	9	<0.19	0.057
0.95	6	0.30	0.067
[redacted]			
1.12	4	<0.19	0.047
0.59	<2	<0.19	0.027
0.60	<2	<0.19	0.022
1.02	5	<0.19	0.038
0.87	11	<0.19	0.039
1.10	—	<0.27	0.082
1.33	<2	<0.27	0.050
0.89	<2	<0.27	0.025
1.02	4	<0.27	0.019
1.30	6	<0.27	0.052
1.22	<2	<0.27	0.064
1.46	5	<0.27	0.057
0.97	<2	<0.27	0.057
0.71	<2	<0.27	0.081
0.85	<2	<0.27	0.062
0.93	3	<0.27	0.094
0.83	5	<0.27	0.093
0.78	<2	<0.27	0.104
0.58	<2	<0.27	0.123
0.81	<2	<0.27	0.090
<1.00	<2	<0.27	0.050
[redacted]			
0.67	6	<0.27	0.021
0.79	6	<0.27	0.020

1.51	4	<0.27		0.029
1.60	5	<0.295		0.033
1.90	7	<0.295		0.051
2.15	11	<0.295		0.061
1.49	7	<0.295		0.051
0.48	—	<0.295		0.038
<1.00	—	<0.295		0.027
0.95	<2	<0.295		0.042
1.45	3	<0.295		0.005
1.64	4	<0.295		0.067
1.22	<2	<0.295		0.099
0.55	—	<0.295		0.119
0.76	<2	<0.295		—
1.04	—	<0.295		0.121
0.95	—	<0.295		0.095
<1.00	—	<0.295		0.094
0.83	—	<0.295		0.059
1.11	—	<0.295		0.048
0.89	—	—		0.051
0.90	—	<0.295		0.033
[redacted]				
0.66	—	<0.295		0.045
<0.30	<2	<0.295		0.022
<1.00	—	0.037		0.022
0.36	4	0.166		0.121
0.69	<2	0.286		0.090
0.40	<2	0.266		0.117
<0.30	<2	0.150		0.079
0.38	<2	0.300		0.144
<0.30	<2	0.381		0.126
<0.30	<2	0.501		0.098
<0.30	<2	0.151		0.068
0.39	<2	0.202		0.058
[redacted]				
<0.30	<2	0.327		0.033
0.56	<2	0.413		0.038
1.09	<2	0.132		0.023
<0.30	<2	0.247		0.032
<0.30	<2	<0.017		0.031
0.32	<2	0.315		0.042
<0.30	3	0.032	J-R	0.020
<0.30	<2	0.036		0.017
<0.30	3	0.108		0.045
0.40	3	0.113		0.044
<0.30	3	0.081		0.069
<0.30	—	0.329		0.062
0.33	<2	0.311		0.097
0.34	<2	0.220		0.111
<0.30	<2	0.412		0.111

<0.30		<2		0.701		0.065
[redacted]						
0.39	BJ-QC/FBK/FFB	4	J-QC/FFB/FLS	0.071	J-QC/FMS	0.028
<0.30	KBJ-QC/FBK/FFBFLS	4	J-QC/FLS	0.078		0.020
1.45	BJ-QC/FBK/FFB	<2	K	0.496		0.048
<0.30	KJ-QC/FLS	<2	KJ-QC/FLS	0.057		0.045
<0.30	KJ-QC/FFB	3		0.047		0.064
1.41	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FLS	0.188		0.066
<0.30	KBJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.214		0.043
0.51	B/FBK	<2	K	0.031	J-R	0.040
0.48	BJ-QC/FBK/FFBFLS	<2	K	0.132		0.043
1.36	BJ-QC/FBK/FFBFLDRPO	<2	K	0.148		0.042
<0.30	KB/FBK	3		<0.018	K	0.034
0.59	BJ-QC/FBK/FFBFLS	<2	K	0.071		0.056
1.02	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.086		0.053
0.87	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FFB	0.193		0.084
1.48	J-QCJ-HT/FLS/EHT	<2	KJ-QC/FFD/RPOFLS	<0.018	K	0.079
<0.30	KBJ-QC/FBK/FFBFFDRPO	—	NRP	0.127	J-HT/EHT	0.057
0.62	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.218		0.073
0.58	BJ-QC/FBK/FFBFLS	<2	K	0.249	J-QC/FFB/FSL	0.051
[redacted]						
0.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0175	K	0.0251
0.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0175	K	0.0232
0.44	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.0310
0.48	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	0.141		0.0435
0.41	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	0.126		0.0429
0.62	BJ-QC/FBK/FFBFLS	<2	K	0.317	J-QC/FFB	0.0544
0.45	BJ-QCJ-HT/FBK/FFBEHT	3		0.101		0.0453
2.75	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.231		0.0282
2.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.030	J-R	0.0547
0.61	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.216		0.0417
0.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.111	J-QC/FSL	0.0598
0.47	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.126	J-QC/FSL	0.0607
0.62	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.199		0.0753
0.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.236		0.0938
0.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.215		0.0940
0.52	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	<0.0175	K	0.0481
0.56	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.618		0.1034
0.48	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	7	J-QC/FLS	<0.0175	K	0.0090
0.66	BJ-QC/FBK/FFBFLDRPOFLS	6	J-QC/FLS	<0.0175	KJ-QC/FFD/RPOFMS	<0.0029
0.61	BJ-QC/FBK/FFBFLDRPOFLS	6	J-QC/FLS	0.021	J-RJ-QC/FFD/RPOFMS	<0.0029
0.46	BJ-QC/FBK/FFB	5	J-QC/FLS	<0.0175	K	0.0447
<0.30	KBJ-QC/FBK/FFB	3	J-QC/FFD/RPO	0.220		0.0230
0.71	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.220		0.0654
0.44	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.508		0.1180
[redacted]						
0.63	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB	0.126		0.0363
<0.30	KB-JQC/FBK/FFBFLS	3	J-QC/FFD/RPOFLS	0.068		0.0357
0.92	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.298		0.0273
0.63	BJ-QC/FBK/FFBFFDRPO	4	J-QC/FLS	0.06	J-R	0.0240

1.21	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	5	J-QC/FLS	<0.0293	K	0.0100
0.76	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	5	J-QC/FLS	<0.0293	K	0.0106
1.34	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.354		0.0570
0.53	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.071	J-QC/FFD/RPO	0.0146
0.85	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	4	J-QC/FFD/RPO	<0.0293	KJ-QC/FFD/RPO	0.0732
0.63	BJ-QC/FBK/FFBFFDRPOFLS	5	J-QC/FLS	0.101		0.0503
0.87	BJ-QC/FBK/FFBFFDRPOFLS	5	J-QC/FLS	0.096		0.0498
0.63	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.149	J-QC/FFD/RPO	0.0472
1.33	BJ-QCJ-HT/FBK/FFBFLSEHT	5	J-QC/FFD/RPO	0.103		0.0573
0.69	BJ-QCJ-HT/FBK/FFBFLSEHT	4		0.261		0.0727
0.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.354		0.0885
0.52	BJ-QCJ-HT/FBK/FFBFLSEHT	5		0.049	J-RJ-QC/FFB	0.0653
1.58	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.479		0.0670
1.30	BJ-QCJ-HT/FBK/FFBEHT	9	J-QC/FLS	0.206		0.0683
0.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.180		0.0431
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.165		0.0801
0.95	BJ-QC/FBK/FFBFLS	<2	K	0.309		0.0426
1.90	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0293	KJ-QC/FFB	0.0413
0.74	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.333	J-QC/FSL	0.0110
0.86	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.749		0.0335
0.55	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.252		0.0247
0.67	BJ-QC/FBK/FFB	4		0.160	J-QC/FMS	0.0328
0.65	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.225	J-QC/FFB	0.0644
0.54	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.418	J-QC/FMS	0.0565
0.60	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.078	J-QC/FMS	0.0354
1.35	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.058	J-R	0.0399
1.30	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.152		0.0309
0.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.371	J-QC/FMS	0.0619
0.43	BJ-QC/FBK/FFBFLS	<2	KJ-QCJ-HT/FFB/EHT	0.220	J-QC/FFD/RPO	0.0525
0.58	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.152	J-QC/FMS	0.0360
0.63	BJ-QCJ-HT/FBK/FFBFLSEHT	5	J-QC/FLS	<0.0378	KJ-QC/FMS	0.0112
0.57	BJ-QCJ-HT/FBK/FFBFLSEHT	6	J-QC/FLS	<0.0378	KJ-QC/FMS	0.0085
0.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.074	J-RJ-QC/FMS	0.0563
0.57	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	0.158	J-QC/FMS	0.0661
0.40	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FFD/RPO	0.407		0.0988
0.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.164	J-QC/FSL	0.1962
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.143		0.1350
0.40	BJ-QC/FBK/FFBFLS	<2	K	0.227	J-QC/FMS	0.1261
0.56	BJ-QC/FBK/FFB	<2	K	0.306		0.1078
—	NA	—	NRP	0.530		0.0562
—	NA	<2	KJ-QC/FLS	0.406	J-QC/FMS	0.0608
—	NA	<2	KJ-QC/FMS	0.343	J-QC/LLS/FMS	0.0576
—	NA	<2	KJ-QC/FMS	0.222	J/LLS	0.0345
—	NA	4	J-QC/FMS	0.040	J-RJ-QC/LLS/FSLFMS	0.0330
—	NA	3		<0.0217	K	0.0467
—	NA	<2	KJ-QC/FMS	0.085	J/LLS	0.0522
0.42	BJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	0.460	J-QC/FSL/FMS	0.0486
0.62	BJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	0.437	J-QC/FSL/FMS	0.0475

0.61	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.267	J-QC/LLS/FMS	0.0584
1.11	BJ-QC/FBK/FFBFLS	4	KJ-QC/FMS	<0.0217	KJ-QC/FSL/FMS	0.0491
1.71	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FMS	0.289	J-QC/LLS/FSL	0.0303
1.32	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FMS	0.079	J-QC/LLS/FMS	0.0441
1.40	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.176	J/LLS	0.0290
0.53	BJ-QCJ-HT/FBK/FFBFLSEHT	6	J-QC/FMS	<0.0911	KJ-QC/FMS	0.0044
0.58	BJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FSL	0.0226
0.32	BJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FSL	0.0213
0.46	BJ-QC/FBK/FFBFLDRPOFLS	3	J-QC/FMS	<0.0911	K	0.0521
0.30	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0557
0.65	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	3	J-QC/FMS	<0.0911	K	0.0527
0.34	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	4		0.217	J/LLS	0.0773
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.265	J/LLS	0.0893
0.30	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FMS	<0.0911	KJ-QC/FSL	0.0812
0.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.403		0.0691
0.64	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.196	J/LLS	0.0513
[redacted]						
0.78	BJ-QC/FBK/FFBFMS	<2	K	1.028	J-QC/FFB	0.0328
0.67	BJ-QC/FBK/FFBFMS	3		0.427		0.0344
0.62	BJ-QC/FBK/FFBFMS	3		0.136	J/LLS	0.0345
0.55	BJ-QC/FBK/FFBFMS	<2	K	0.284	J-QC/LLS/FFB	0.0322
0.90	BJ-QC/FBK/FFBFLDRPO	<2	K	0.199	J/LLS	0.0358
0.35	BJ-QC/FBK/FFBFMS	6		0.045	J-R/LLS	0.0107
0.73	BJ-QC/FBK/FFBFLDRPOFMS	4	J-QC/FLS	<0.0267	K	0.0527
0.78	BJ-QC/FBK/FFBFLDRPOFMS	4	J-QC/FLS	<0.0267	K	0.0522
0.67	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0382
0.54	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.084	J-QC/LLS/FSLFMS	0.0487
0.77	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0513
0.79	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	KJ-QC/FLS	<0.0267	K	0.0501
0.41	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0711
0.64	BJ-QCJ-HT/FBK/FFB	<2	K	0.204	J/LLS	0.0877
0.57	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.216	J-QC/LLS	0.0802
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.66	0.156	0.14	0.71
	0.64	0.129	0.05	85.3
	0.33	0.128	0.04	70.5
	0.78	0.099	0.06	14.3
	0.95	0.098	0.07	28.0
	1.21	0.135	0.08	24.6
	0.30	0.174	0.15	2.4
	0.44	0.258	0.13	49.40
	0.79	0.221	0.26	6.10
	0.44	0.167	0.11	38.92
	0.42	0.193	0.15	27.9
	0.58	0.152	0.12	43.81
	0.49	0.188	0.14	32.23
	0.44	0.270	0.11	18.55
	0.96	0.212	0.19	26.59
	0.76	0.227	0.25	19.07
	0.36	0.215	0.19	3.66
	0.57	0.157	0.16	1.63
	0.67	0.172	0.11	2.75
	1.23	0.101	0.16	0.47
	0.24	0.070	0.03	65.33
	0.48	0.082	0.06	72.28
	0.21	0.038	0.03	12.05
	0.45	0.109	0.09	11.09
	0.58	0.076	0.05	31.69
	0.44	0.112	—	—
	0.43	0.143	0.10	—
	0.32	0.136	0.11	—
	1.50	0.149	0.10	—
	0.45	0.236	0.22	—
	0.38	0.200	0.14	—
	0.59	0.234	0.15	—
	0.28	0.182	0.17	—
	0.37	0.243	0.21	—
	0.22	0.166	0.15	—
	0.33	0.239	0.17	—
	0.39	0.220	0.21	—
	0.50	0.222	0.21	—
	0.70	0.252	0.17	—
	0.69	0.146	0.15	—
	0.67	0.110	0.12	—
	0.79	0.059	<0.01	—
	0.33	0.066	0.03	—

2.02	0.097	0.04	—
0.24	0.083	0.04	—
0.44	0.115	<0.01	—
0.36	0.127	0.09	—
0.27	0.164	0.13	—
0.23	0.114	—	—
0.24	0.132	—	—
0.35	0.163	0.18	—
0.15	0.172	0.10	—
2.05	0.348	0.19	—
0.30	0.201	0.19	—
1.45	0.117	0.12	—
0.61	0.144	0.13	—
0.60	0.153	0.14	—
0.87	0.143	0.12	—
0.38	0.165	0.17	—
1.15	0.122	0.13	—
0.75	0.129	0.12	—
0.63	0.127	0.13	—
0.76	0.131	0.12	—
0.879	0.109	0.09	7.5
0.390	0.100	0.10	7.2
0.321	0.054	0.06	26.0
0.616	0.169	0.12	4.6
0.459	0.151	0.12	5.5
0.572	0.18	0.12	7.9
0.523	0.19	0.17	4.7
0.589	0.19	0.20	8.8
0.758	0.22	0.19	<3.0
0.418	0.15	0.14	3.2
0.351	0.14	0.12	<3.0
0.686	0.40	0.11	<3.0
0.801	0.11	0.09	1.7
0.459	0.10	0.08	1.9
0.744	0.09	0.11	<1.1
0.468	0.06	0.06	6.5
0.209	0.15	0.06	6.3
0.430	0.11	0.07	5.5
1.82	0.10	0.07	11.2
0.785	0.10	0.07	17.5
0.599	0.16	0.11	36.2
0.418	0.17	0.14	5.2
0.229	0.14	0.12	<2.4
0.422	0.18	0.18	<2.4
0.368	0.19	0.18	<2.4
1.62	0.17	0.18	<2.4
1.59	0.17	0.16	<2.4

	0.772		0.12		0.12		<2.4
J-QC/FFB	0.453		0.07		<0.05	K	4.0
	0.498		0.07		<0.05	KJ-QC/FFD/RPO	3.5
	0.505		0.12		0.08		2.4
	0.573		0.06		<0.05	K	1.1
	0.429	J-QC/FFB	0.07	J-QC/FFD/RPO	0.06		36.7
	0.239		0.11		0.12		4.7
	1.35		0.15		0.12		6.1
J-HT/EHT	1.02		0.12	J-QC/FFD/RPO	0.11		15.0
	0.635		0.26	J-QC/FFB/FFDRPO	0.10		17.4
	0.389	J-QC/FFB	0.24		0.17		6.8
J-QC/FFB	0.435		0.15	J-QC/FFB	0.13		11.0
J-QC/FFB	0.877		0.20		0.16		13.4
	0.428	J-QC/FFB	—	NAP	—	NAP	3.6
	1.73		0.09		0.17		2.7
	0.522		0.14		<0.05	K	10.7
J-HT/EHT	0.540	J-QCJ-HT/FFB/EHT	0.12	J-QC/FFD/RPO	0.12	J-QC/FFD/RPO	2.1
J-QC/FFB	0.682	J-QC/FFB	0.13		0.11		2.2
J-QC/FFB	0.700		0.09		0.09		2.9
	1.10	J-QC/FFB	0.07		<0.05	K	3.2
	1.25	J-QC/FFB	0.06		<0.05	K	3.2
	0.0313	J-R	0.05		<0.05	K	3.1
	0.081		0.09		0.08		3.6
	0.078		0.08		0.08		5.4
	1.18		0.08		0.06	J-QC/FFD/FLDRPO	11.3
	0.283	J-QC/FLS	0.11		0.07		40.6
J-QC/FFB	0.067		0.12	J-QC/FFB	0.07		1.9
	0.273		0.19	J-QC/FFB	0.10	J-QC/FFB/FFDRPO	25.0
	0.089		0.24		0.16		5.5
	0.227		0.16		0.13	J-QC/FLD/RPOFLS	6.6
	0.218		0.16		0.12	J-QC/FLD/RPOFLS	7.0
	0.2549		0.18		0.15		11.3
	0.662		0.22		0.17		8.3
	0.651		0.20		0.16		9.2
J-QC/FFB	0.120		0.18		0.14		7.0
	0.341		0.22		0.18		2.9
J-R	1.49		0.20		0.09		62.4
K	0.033		0.26	J-QC/FFB	0.16		24.8
K	—	A	0.31	J-QC/FFB	0.15		26.6
	0.671		0.17	J-QC/FLS	0.12		12.7
	0.683	J-QC/FFD/RPO	0.19		0.14		6.4
	0.345		0.20		0.17		4.8
	0.831		0.25	J-QC/FFD/RPO	0.21		1.7
J-QC/FFB	0.4640		0.09		0.07		14.4
	0.3340	J-QC/FLS	0.05		0.04	J-RJ-QC/FLS	46.0
	0.4272		0.07	J-QC/FFB/FFDRPO	0.06		21.9
	0.2262		0.08	J-QC/FFB	0.03	J-R	59.6

	0.0810	J-QC/FFB/FFDRPO	0.06		0.02	J-RJ-QC/FFD/RPO	32.6
	0.0527	J-RJ-QC/FFB/FFDRPO	0.06		0.04	J-RJ-QC/FFD/RPO	35.0
J-QC/FFD/RPO	0.4490		0.12		0.11		8.0
J-QC/FFB	0.1639		0.38	J-QC/FFB	0.10		242.0
	0.3592		0.09	J-QC/FLD/RPO	0.11	J-QC/FFB	31.7
J-QC/FFB	0.2414		0.18		0.12		50.4
J-QC/FFB	0.2243		0.17		0.12		50.2
J-QC/FFB	0.0933		0.18		0.11		47.6
J-QC/FFB	1.2706	J-QC/FFD/RPO	0.20		0.16		23.8
	0.3168	J-QC/FFB	0.18	J-QC/FFB	0.17		22.8
	0.4004		0.21		0.17		3.4
	0.3687	J-QC/FFB	0.24		0.16	J-QC/FFB	14.5
	0.6901	J-QC/FFD/RPO	0.11		0.11	J-QC/FFB/FFDRPO	12.9
	0.5771		0.09		0.10		68.1
J-QC/FFB/FFDRPO	0.3206		0.11		0.09		13.4
J-QC/FFB/FFDRPO	0.3079		0.10		0.09		14.5
	0.6536		0.16	J-QC/FFB	0.10		1.76
	0.4811		0.13		0.11		1.14
J-QC/FFB	0.5938		0.09		0.09		1.67
[redacted]							
J-QC/FFB	0.3663		0.07	J-QC/FFB	0.06		6.20
J-QC/FFB	0.6736	J-QC/FFB	0.11		0.04	J-R	52.8
	0.2765	J-QC/FFB	0.10		0.03	J-R	34.8
J-QC/FFB	0.0456	J-QC/FFB	0.10		0.07		6.60
J-QC/FFB	0.3112		0.11	J-QC/FFD/RPO	0.09		11.6
J-QC/FFB	0.5504		0.08		0.05		71.2
J-QC/FFB	0.2494		0.11		0.06		19.1
J-QCJ-HT/FFB/EHT	1.0088		0.13		0.09	J-QC/FFD/RPO	7.30
J-QC/FFB	0.6320		0.14		0.12		11.1
	0.3850	J-HT/EHT	0.11		0.09		17.8
	0.4222	J-QC/FLS	0.16		0.15		14.75
J-QC/FFB	0.0412		0.11	J-QC/FFD/RPO	0.09		138.4
J-QC/FFB	0.0361		0.16	J-QC/FFD/RPO	0.09		114.2
	0.3692		0.18		0.16		10.3
	0.3577		0.21		0.16		4.17
J-QC/FFB	0.3580	J-QC/FFD/RPO	0.23		0.21		7.55
	0.4897		0.23		0.19		11.2
J-QC/FFB	0.4503		0.17		0.17		5.31
J-QC/FFB	0.7582		0.19		0.17		5.81
J-QC/FFB	0.6063		0.19		0.17		3.41
J-QC/FFB	1.0376		0.12		0.10		5.83
J-QCJ-HT/FFB/EHT	0.3987	J-QC/FFD/RPO	0.12		0.10		14.7
[redacted]							
[redacted]	0.6435	[redacted]	0.12		0.10	J-QC/FLD/RPO	8.81
J-QC/FFB	0.7494	J-HT/EHT	0.11	J-QC	0.07	J-QC	32.6
J-QC/FFB	0.6612	J-QC/FFB	0.09	J-QC	0.05	J-QC	28.6
J-QC/FFB	0.7269	[redacted]	0.06	J-QC/FFD/RPO	0.08	J-QC	12.0
J-QC/FFB	0.5278	J-QC/FFB	0.10		0.05	J-QC	11.8
[redacted]	1.6815	[redacted]	0.12		0.10		3.93
[redacted]	1.6793	[redacted]	0.11		0.09		3.65

J-QC/FFB	2.2966	[redacted]	0.11		0.09		5.69
[redacted]	0.3127	[redacted]	<0.01	K	0.04	J-R	7.25
J-QC/FFB	0.5400	[redacted]	0.10	J-QC/FLD/RPO	0.11		6.56
J-QC/FFD/RPO	0.3331	[redacted]	0.14		0.09	J-QC	17.4
[redacted]	1.6779	[redacted]	0.08		0.06		27.9
J/LLS	0.5685	[redacted]	0.05	J-QC	0.03	J-RJ-QC	61.4
J-QC/FLS	0.9643	[redacted]	0.13	J-QC	0.12	J-QC/FLD/RPO	16.9
J-QC/FLS	1.0277	[redacted]	0.12	J-QC	0.10	J-QC/FLD/RPO	18.0
[redacted]	0.5045	[redacted]	0.12		0.08		19.4
J-QC/FFD/RPO	0.3390	[redacted]	0.17	J-QC/FLD/RPO	0.23	J-QC/FLD/RPO	17.3
[redacted]	0.1869	J-QC/FFB/FLS	0.19		0.14		<0.231
J-QC/FFB/FFDRPO	0.4672	J-QC/FFB/FFDRPO	0.18	J-QC/FFD/RPO	0.13	J-QC/FFD/RPO	23.8
[redacted]	0.4232	[redacted]	0.14		0.11		13.9
J-QC/FFB	0.4259	[redacted]	0.16	J-QC	0.11	J-QC	6.63
J-QC/FFB	0.5784	J-QC/FLS	0.14	J-QC	0.10	J-QC	4.25
[redacted]	0.5899	[redacted]	0.14		0.09		4.74
[redacted]							
J-QC/FFB	0.4867	J-QC/FLS	0.07		0.07		3.78
	0.3279		0.06		0.03	J-R/LLS	2.72
J-QC/FFB	0.5469	J-QC/FLS	0.08		0.04	J-R/LLS	7.01
	0.4424		0.09	J-QC/FFB	0.06	J-QC/FFB	2.74
J-QC/FFB	0.3675	J-QCJ-HT	0.09		0.07		4.72
J-QC/FFB	0.0252	J-HT	0.06	J-QC/FMS	0.02	J-R/LLS	45.0
J-QC/FFB	0.2373		0.08		0.05		48.2
J-QC/FFB	0.2389		0.08		0.04	J-R/LLS	36.8
J-QCJ-HT/FFB	0.2461	J-QC/FLS	0.12	J-QC/FFB	0.07		16.6
	0.3130	J-QC/FLS	0.12		0.09		10.5
	0.2630		0.15		0.13		8.29
	0.2459		0.13		0.12		8.32
J-QC/FFB	0.4333		0.13		0.08		12.5
J-QC/FFB	0.5514		0.18		0.15		4.46
J-QC	0.5817		0.16		0.12		1.82
[redacted]							

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
	2.1	0.00	0.00
	19.0	0.00	0.00
	1.6	1.09	1.53
	3.4	0.18	0.18
	0.7	0.00	0.00
	0.7	0.00	0.00
	<0.5	0.00	0.00
	3.2	0.00	0.00
	1.4	0.00	0.09
	1.4	0.00	0.00
	6.5	0.00	0.39
	5.5	0.00	0.00
	21.0	0.00	0.00
	0.7	0.00	0.00
	4.6	0.00	0.00
	1.6	0.08	0.61
	<0.5	0.00	0.00
	5.6	0.00	0.00
	4.2	0.00	0.01
	5.0	0.21	0.24
	<0.5	0.00	0.00
	0.9	0.00	0.00
	<0.5	0.00	0.29
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	—	0.00	0.00
	<0.5	0.00	0.00
	4.2	0.00	0.66
	1.8	0.00	0.95
	3.9	0.00	0.00
	3.0	0.04	0.04
	—	0.00	0.00
	4.7	0.01	0.01
	2.8	0.00	0.00
	2.6	0.00	0.00
	2.3	0.00	0.03
	3.3	0.00	0.00
	18.2	0.00	0.00
	3.2	0.00	0.00
	2.4	0.00	0.00
	12.7	0.48	0.48
	3.8	0.00	0.00
	4.4	0.00	0.00

	3.8	0.00	0.00
	5.3	0.00	0.00
	4.4	0.01	0.48
	9.1	0.00	0.00
	1.9	0.00	0.00
	—	0.03	0.15
	—	0.00	1.56
	5.7	0.00	0.00
	5.7	0.00	0.00
	5.3	0.00	0.00
	4.9	0.27	0.84
	3.8	0.00	0.02
	5.6	0.00	0.00
	3.1	0.00	0.00
	2.9	0.00	0.00
	2.9	0.00	0.00
	2.2	0.00	0.00
	2.2	0.00	0.04
	1.8	0.00	0.00
	1.6	0.00	0.00
[redacted]			
	1.6	0.00	1.58
	0.9	0.00	0.00
	<0.5	0.42	0.42
	3.3	0.00	0.00
	<0.5	0.00	1.09
	4.3	0.00	0.00
	5.0	0.00	0.00
	5.0	0.00	0.00
	5.3	0.00	0.00
	<0.5	0.01	0.01
	2.6	0.01	0.09
	7.1	0.00	0.06
[redacted]			
J-R	1.6	0.00	0.00
J-R	2.6	0.05	0.10
	55.6	0.00	0.00
	3.2	0.00	0.00
	7.1	0.00	0.14
	3.8	0.00	0.00
	8.4	0.00	0.04
	4.5	0.14	0.15
	5.1	0.00	0.80
	5.1	0.00	0.00
	4.2	0.00	0.00
	3.0	0.00	0.71
	4.5	0.00	0.00
	4.1	0.00	0.00
	2.2	0.00	0.00

	3.2		0.00	0.00
J-R	4.3	J-QC/FFB	0.00	0.00
J-R	3.7	J-QC/FFB	0.00	0.00
J-RJ-QC/FFD/RPO	5.0		1.47	2.10
J-R	4.0		0.92	1.35
	4.3	J-QC/FFB/FFDRPO	0.01	0.68
	3.7		0.43	0.43
	4.3	J-QC/FFB	0.08	0.08
	4.8		0.00	0.00
	4.6	J-QC/FFB	0.00	0.15
	5.5	J-QC/FFB	0.00	0.00
	4.8	J-QC/FFB	0.08	0.12
	4.3		1.13	1.13
	—	NAP	0.00	0.00
J-QC/FFD/RPO	4.1	J-QC/FFB	0.00	0.00
	3.7	J-QC/FFB	0.00	0.00
	3.1		0.00	0.30
	3.3	J-QC/FFB	0.00	0.00
	3.1	J-QC/FFB	0.00	0.00
	3.80		0.00	0.00
	3.80		0.00	0.00
J-QC/FFD/RPO	3.30	J-QC/FFB	0.00	0.47
J-QC/FFD/RPO	4.00		0.00	0.01
J-QC/FFD/RPO	3.60		0.00	0.01
	4.51	J-QC/FFB	0.00	0.00
J-QC/FSL	3.69	J-QC/FFB	0.00	0.00
J-RJ-QC/FFD/RPO	3.79	J-QC/FFB	0.00	0.18
	4.02	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.40	J-QC/FFB	0.00	1.69
J-QC/FSL	3.40	J-QC/FFB	0.00	0.05
J-QC/FSL	3.30	J-QC/FFB	0.00	0.05
	3.40	J-QC/FFB	0.00	0.00
	3.10	J-QC/FFB	0.00	0.00
	3.90	J-QC/FFB	0.00	0.00
	4.10	J-QC/FFB	0.00	0.00
	4.10	J-QC/FFB	0.00	1.24
J-QC/FFD/RPO	4.40	J-QC/FFB	0.00	0.00
	5.00	J-QC/FFB	0.00	0.00
	4.40	J-QC/FFB	0.00	0.00
	4.50	BJ-QC/FBK/FFB	0.00	0.93
	3.60	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.80	J-QC/FFB	0.00	0.16
J-R	3.10		0.00	0.01
	3.7		0.00	0.00
	5.1	J-QC/FFB	0.00	0.00
	4.4		0.00	0.00
J-QC/FFD/RPO	3.8	J-QC/FFB	0.04	0.04

	2.6	BJ-QC/FBK/FFB	0.00	0.00
	2.3	BJ-QC/FBK/FFB	0.00	0.00
	3.2		0.00	0.00
	5.6	J-QC/FFB	0.00	0.00
	4.8	J-QC/FFB	0.00	0.00
	3.9	J-QC/FFB	0.00	0.00
	4.9	J-QC/FFB	0.00	0.00
	3.9	J-QC/FFB	0.17	0.17
	4.2	J-QC/FFB	0.00	0.00
	4.0	J-QC/FFB	1.32	1.32
J-QC/FFD/RPO	4.0	J-QC/FFB	0.00	0.22
	3.7	J-QC/FFB	0.00	0.00
	5.4	J-QC/FFB	0.00	0.00
	4.1	J-QC/FFB	0.08	0.12
	3.8	J-QC/FFB	1.52	1.59
	3.4	J-QC/FFB	1.52	1.59
J-R	3.7		0.00	0.00
J-R	4.0	J-QC/FFD/RPO	0.00	0.00
J-RJ-QC/FFD/RPO	3.0	J-QC/FFB/FFDRPO	0.03	0.03
[redacted]				
	2.5		0.14	0.14
	—	NAPEFAI/EQF	0.02	0.02
J-QC/FSL	3.7	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
J-QC/FSL	1.2		0.02	0.02
	1.6	J-QC/FFB	0.21	0.48
	1.9	J-QC/FFB	0.00	0.18
	2.6	BJ-QC/FBK/FFB	0.40	0.60
	4.1	J-QC/FFB	0.58	0.60
	2.7	B/FBK	0.00	0.93
	2.7	BJ-QC/FBK/FFBFFDRPO	0.00	0.00
	1.6	B/FBK	0.00	0.00
J-QC/FSL	3.0	J-QC/FFB	0.00	0.00
J-QC/FSL	3.1	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	5.1	J-QC/FFB	0.03	0.07
J-QC/FFD/RPO	4.0	J-QC/FFB	0.00	0.00
J-QC/FSL	2.2	J-QC/FFB	0.00	0.00
	1.8		0.00	0.00
J-QC/FSL	1.6	J-QC/FFD/RPO	0.01	1.01
J-QC/FSL	2.2	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	2.7	J-QC/FFB	0.00	0.00
	2.6	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	2.4	J-QC/FFB	0.00	0.02
[redacted]				
	3.63	BJ-QC/FBK/FFB	0.00	0.00
	3.00	J-QC/FFB	0.00	0.00
J-QC/FSL	2.93	BJ-QC/FBK/FFB	0.00	0.00
	2.7		0.00	0.00
J-QC/FFD/RPO	21.8	J-QC/FFB/FLDRPO	1.15	1.15
J-QC/FFB	2.7		0.00	0.00
J-QC/FFB	2.2		0.00	0.00

J-QC/FFB	2.1	J-QC	0.00	0.00
	4.6		0.00	0.00
J-QC/FFB/FFDRPO	4.3	J-QC/FFB	1.29	1.29
J-QC/FFD/RPO	3.1	J-QC/FFD/FLDRPO	0.00	0.00
J-QC/FFD/RPO	2.8		0.00	0.01
J-QC/FFB/FFDRPO	7.5	J-QC/FFB	0.00	0.00
	6.3	BJ-QC/FBK/FFB	0.00	0.00
	6.5	BJ-QC/FBK/FFB	0.00	0.00
	4.4	J-QC	0.00	0.02
J-QC/FFB	3.7	J-QC	0.00	0.00
K	23.5	J-QC/FFB	0.00	0.00
J-QC/FFB/FFDRPO	2.1	J-QC/FFD/RPO	0.00	0.00
J-QC/FFB	2.2		0.00	0.00
J-QC/FFB	4.27	J-QC/FFB	0.00	0.00
	4.38	J-QC/FLD/RPO	0.00	0.00
	3.08		0.00	0.00
[redacted]				
	3.5		0.00	0.07
	2.0		0.00	0.00
	3.4		0.07	0.74
	3.2		0.00	0.00
	2.7		0.00	0.08
	3.0		0.00	0.00
	3.5		0.02	0.02
	4.0		0.02	0.02
	0.3	J-R/LLS	0.00	0.49
	1.3		0.00	0.00
	3.2		0.00	0.55
	2.5		0.00	0.55
	1.5		0.00	0.00
	2.7		0.00	0.00
J/LLS	2.0		0.00	0.08
[redacted]				

Station #29 Lower Raritan Bay	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 3, 2003	12:20	6.00	6.9	6.69
2004				
February 26, 2004	12:10	6.46	2.9	14.37
April 13, 2004	12:35	—	7.4	12.12
June 17, 2004	11:55	7.37	18.8	6.22
June 24, 2004	12:00	7.67	18.3	4.59
June 29, 2004	12:25	7.88	19.8	—
July 15, 2004	12:35	7.51	22.7	—
July 22, 2004	11:00	7.97	22.1	—
July 29, 2004	11:05	7.11	—	2.66
August 5, 2004	11:47	7.56	24.44	5.89
August 12, 2004	11:42	6.99	22.69	2.79
August 19, 2004	10:07	7.56	22.95	6.10
August 26, 2004	11:34	7.98	23.10	8.62
September 2, 2004	10:05	7.95	23.70	5.23
September 23, 2004	11:15	6.94	20.50	3.70
September 30, 2004	12:00	7.00	20.74	6.54
October 13, 2004	12:00	7.70	17.14	9.62
October 28, 2004	12:13	7.00	13.1	6.97
November 23, 2004	11:50	7.49	10.10	7.39
December 9, 2004	11:08	7.81	7.99	9.39
2005				
March 10, 2005	12:33	—	1.70	17.05
April 14, 2005	11:48	—	8.43	13.32
April 28, 2005	11:30	8.10	11.61	11.23
May 4, 2005	12:30	7.68	12.28	10.14
May 16, 2005	10:20	7.71	14.97	10.19
June 9, 2005	11:39	7.30	17.42	5.34
June 14, 2005	11:43	7.32	21.06	8.49
June 23, 2005	11:53	7.82	20.81	9.22
July 7, 2005	11:35	7.86	23.96	6.40
July 21, 2005	12:56	7.29	24.43	3.32
July 27, 2005	11:59	7.18	23.97	4.40
August 4, 2005	11:21	7.48	25.30	4.12
August 9, 2005	11:17	7.42	24.80	3.73
August 18, 2005	11:07	7.54	25.01	5.10
August 23, 2005	11:52	9.31	24.33	7.74
September 1, 2005	—	—	—	—
September 6, 2005	—	—	—	—
September 22, 2005	11:55	7.50	23.37	5.02
October 4, 2005	12:24	7.83	20.48	9.16
October 20, 2005	11:29	7.93	16.90	8.03
November 21, 2005	11:21	7.77	11.61	8.43
2006				
February 16, 2006	10:04	7.44	3.77	12.54
February 28, 2006	11:26	8.23	2.36	15.37

March 28, 2006	11:11	8.74	6.55	18.54
April 19, 2006	10:12	8.25	12.47	12.82
April 25, 2006	11:07	7.75	12.17	7.23
May 3, 2006	10:35	7.77	13.87	9.47
June 22, 2006	10:45	7.62	19.51	6.57
June 27, 2006	12:03	7.52	20.77	5.89
July 13, 2006	10:40	7.39	18.18	5.99
July 25, 2006	11:33	7.38	24.16	5.65
August 8, 2006	11:22	8.06	24.49	7.61
August 22, 2006	11:14	7.63	24.19	4.76
August 30, 2006	11:56	7.25	22.13	4.34
September 7, 2006	11:46	7.27	20.58	5.71
September 13, 2006	11:43	7.41	20.38	7.01
September 19, 2006	11:26	7.40	21.07	5.32
September 26, 2006	11:49	7.84	20.09	9.30
October 3, 2006	11:52	7.58	18.90	5.39
October 31, 2006	12:05	7.54	11.61	7.98
November 15, 2006	12:03	7.35	12.97	7.79
November 28, 2006	12:24	7.34	11.04	6.94
December 12, 2006	12:05	7.70	7.21	9.06
2007				
January 9, 2007	12:01	7.45	7.84	9.06
January 23, 2007	12:19	7.64	4.43	9.48
May 1, 2007	11:56	7.48	10.38	13.25
Boat engine failure - 5/18/07				
September 5, 2007	11:45	7.26	22.50	3.93
September 12, 2007	11:20	7.43	23.38	6.91
September 27, 2007	12:20	7.53	21.59	7.22
October 2, 2007	11:44	7.51	20.67	7.46
October 16, 2007	12:00	7.39	17.74	6.79
November 1, 2007	11:47	7.33	14.82	6.61
November 29, 2007	11:43	—	8.11	8.82
December 11, 2007	11:19	—	5.47	9.30
December 20, 2007	11:41	—	4.34	11.01
2008				
January 8, 2008	11:28	—	4.56	10.32
February 7, 2008	12:07	7.53	4.84	10.52
March 11, 2008	11:48	7.75	5.42	10.70
April 8, 2008	12:24	7.94	8.33	10.30
May 28, 2008	11:51	7.73	13.26	7.78
June 3, 2008	11:30	7.95	15.73	9.60
June 17, 2008	11:44	7.97	22.71	9.03
June 24, 2008	12:13	7.82	22.40	8.18
July 15, 2008	12:08	7.66	23.15	3.63
August 5, 2008	10:36	7.41	23.41	5.65
September 4, 2008	11:58	7.37	23.22	5.07
September 10, 2008	11:36	7.17	23.66	1.74
September 16, 2008	11:16	7.44	22.33	4.28
September 23, 2008	11:01	7.40	20.11	7.92
October 7, 2008	11:09	—	17.76	4.06

December 3, 2008	11:44	7.40		6.51		9.78
2009						
February 10, 2009	10:34	7.77		2.09		12.70
April 30, 2009	12:28	7.76		13.03		—
May 7, 2009	11:36	6.95		13.53		—
June 4, 2009	10:33	7.64		17.79		—
June 16, 2009	10:55	8.29		20.20		11.90
June 24, 2009	10:42	7.69		19.80		6.45
July 7, 2009	11:17	7.84		21.44		5.46
July 14, 2009	11:50	6.96		20.39		3.09
July 28, 2009	10:43	—	NAPEFAI/EQF	22.03		3.73
August 4, 2009	10:45	—	NAPEFAI/EQF	24.55		3.78
August 13, 2009	11:43	7.92		23.53		8.98
August 18, 2009	11:23	—	NAPEFAI/EQF	23.66		—
September 1, 2009	10:41	—	NAPEFAI/EQF	22.73		—
September 15, 2009	10:33	—	NAPEFAI/EQF	20.73		—
September 22, 2009	10:32	—	NAPEFAI/EQF	20.30		—
October 19, 2009	12:02	—	NAPEFAI/EQF	11.32		—
November 9, 2009	11:23	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 8, 2009	11:33	7.82		8.75		9.04
2010						
April 13, 2010	11:15	7.87		9.96		13.43
May 13, 2010	11:23	7.88		11.78		10.02
May 20, 2010	11:34	7.95		12.32		9.89
May 26, 2010	11:09	8.05		16.90		10.02
June 8, 2010	11:22	7.75		19.53		8.32
June 14, 2010	11:32	7.73		20.45		7.11
June 24, 2010	11:17	7.76		23.79		8.42
July 15, 2010	11:15	7.32		24.54		5.47
July 20, 2010	11:00	7.41		25.27		3.34
July 27, 2010	11:33	7.60		25.40		6.50
August 3, 2010	11:09	7.68		24.62		5.89
August 10, 2010	11:34	7.76		24.81		5.65
August 17, 2010	11:05	7.28		24.35		3.24
August 31, 2010	11:15	7.88		23.59		7.37
September 8, 2010	11:15	8.22		23.31		11.37
September 14, 2010	11:19	7.92		20.43		6.38
September 21, 2010	10:32	7.73		19.84		6.51
September 29, 2010	11:31	7.52		20.92		6.29
October 6, 2010	11:42	7.47		17.57		8.50
2011						
January 5, 2011	11:28	7.80		2.47		12.26
February 17, 2011	11:20	8.00		2.42		18.38
March 9, 2011	10:56	7.66		4.95		13.31
April 11, 2011	11:30	8.01		9.24		14.82
May 10, 2011	11:52	7.77		13.80		11.88
May 25, 2011	11:40	7.37		16.04		5.31
June 7, 2011	11:30	7.73		16.19		7.42
June 28, 2011	11:52	7.36		22.57		3.98
July 6, 2011	11:35	7.48		21.52		4.52

July 13, 2011	11:07	7.86		25.01	8.11
July 28, 2011	11:20	7.69		25.72	5.41
August 9, 2011	11:53	7.87		26.33	7.74
August 17, 2011	11:30	7.22		24.03	2.68
August 24, 2011	11:18	7.40		23.24	5.69
September 14, 2011	11:39	7.51		20.88	4.31
September 21, 2011	11:32	7.45		18.92	4.03
September 29, 2011	10:30	7.65		20.69	6.79
October 25, 2011	11:39	7.50		15.60	7.15
November 2, 2011	11:35	7.56		11.46	7.83
December 20, 2011	11:26	7.62		8.39	8.20
2012					
January 11, 2012	10:49	7.85		6.54	10.08
February 8, 2012	11:41	7.83		6.09	11.26
March 7, 2012	11:47	8.29		6.30	15.16
April 19, 2012	11:58	7.88		13.56	9.94
May 10, 2012	11:50	7.65		15.22	8.39
May 17, 2012	11:17	8.24		17.22	12.70
May 23, 2012	11:02	8.21		18.64	8.01
June 6, 2012	10:15	—	NAPEFAI/EQF	18.83	5.59
June 14, 2012	11:08	—	NAPEFAI/EQF	21.08	3.90
June 20, 2012	10:15	—	NAPEFAI/EQF	21.15	2.70
June 28, 2012	11:08	—	NAPEFAI/EQF	22.35	4.19
July 12, 2012	11:22	7.73		25.20	5.34
July 24, 2012	11:25	8.25		27.52	5.94
July 31, 2012	10:15	7.47		25.01	5.11
August 22, 2012	11:05	7.40		23.27	3.32
September 11, 2012	11:41	7.60		22.91	5.85
September 19, 2012	11:36	7.69		21.55	6.35
September 25, 2012	11:30	7.55		20.22	6.17
October 18, 2012	10:04	7.86		15.54	7.10
November 29, 2012	09:57	7.76		7.21	9.95
December 5, 2012	10:24	7.91		8.13	11.33
2013					
January 8, 2013	10:03	7.84		4.75	11.15
February 6, 2013	09:57	7.95		2.78	12.59
March 13, 2013	09:42	8.03		5.65	12.66
May 2, 2013	11:50	7.89		12.92	10.40
May 7, 2013	11:49	7.83		14.56	8.60
May 15, 2013	11:00	7.64		14.17	8.00
May 21, 2013	11:02	7.69		15.40	7.84
June 4, 2013	10:55	7.81		18.34	9.50
June 12, 2013	11:33	7.42		18.47	8.06
June 19, 2013	11:25	7.66		19.68	10.76
June 26, 2013	11:42	7.82		19.62	7.01
July 11, 2013	11:00	7.60		19.31	3.87
July 25, 2013	11:30	7.75		23.77	6.76
July 30, 2013	11:42	7.73		23.62	6.52
August 15, 2013	11:10	7.69		22.73	5.38
August 21, 2013	11:58	7.75		22.23	5.00

September 11, 2013	11:33	7.59		20.35	4.96
September 24, 2013	11:19	7.68		18.05	7.46
October 2, 2013	11:22	7.88		19.12	10.87
November 20, 2013	11:50	7.70		7.89	11.04
December 4, 2013	11:56	7.53		6.02	10.84
2014					
January 16, 2014	11:46	7.16		2.34	12.50
March 10, 2014	12:00	7.53		1.82	13.79
April 9, 2014	11:33	7.51		7.17	13.81
May 7, 2014	11:34	7.19		9.86	10.64
May 12, 2014	11:27	7.46		9.86	9.48
June 17, 2014	11:33	7.82		18.79	8.12
June 25, 2014	11:27	7.64		20.05	5.98
July 9, 2014	11:34	7.58		20.00	6.77
July 30, 2014	11:15	7.62		21.53	6.91
August 14, 2014	11:21	7.42		24.63	5.41
August 26, 2014	10:35	7.97		22.06	6.52
October 2, 2014	11:15	7.45		19.22	7.43
December 4, 2014	11:28	7.45		6.76	10.54

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	91.3	20.7	—	13
[redacted]				
	133.1	26.0	—	25
	115.7	21.1	—	40
	66.8	—	—	18
	48.5	—	—	24
	—	—	—	26
	—	—	—	18
	—	—	—	24
	30.3	—	—	18
	80.2	23.39	—	14
	37.5	24.79	—	18
	81.9	23.77	—	52
	114.4	22.71	—	27
	70.7	23.66	—	16
	46.8	21.51	—	20
	83.2	22.17	—	14
	115.0	23.57	—	18
	75.5	22.3	—	14
	76.5	24.49	—	24
	89.8	19.61	—	15
[redacted]				
	145.3	23.20	—	26
	127.1	17.23	—	12
	118.0	21.14	—	20
	109.4	22.60	—	20
	115.8	22.41	—	24
	64.9	25.55	—	13
	111.5	26.62	—	32
	121.8	28.60	—	14
	90.4	30.33	—	16
	47.3	31.19	—	18
	60.9	27.32	—	6
	57.3	27.57	—	16
	52.3	26.23	—	18
	72.0	27.09	—	22
	109.1	28.92	—	40
	—	—	—	40
	—	—	—	30
	70.6	32.04	—	21
	120.3	28.53	—	28
	95.7	24.10	—	14
	91.7	26.83	—	36
[redacted]				
	114.1	27.43	—	28
	136.3	29.01	—	28

178.3	25.12	—	29
140.2	25.04	—	27
78.3	23.95	—	42
105.7	23.11	—	22
85.8	30.77	—	26
75.6	24.18	—	30
75.6	26.86	—	22
78.2	26.05	—	28
106.4	27.34	—	21
67.1	29.20	—	28
59.0	29.52	—	22
75.1	28.64	—	18
93.8	32.07	—	25
68.5	25.78	—	22
122.1	29.06	—	28
69.2	29.81	—	26
84.2	20.96	—	60
82.9	18.59	—	16
73.6	24.73	—	52
90.9	29.39	—	28
[redacted]			
88.0	22.25	—	22
86.1	24.18	—	23
135.4	20.35	—	19
53.5	27.94	—	11
96.0	29.36	—	28
97.8	30.55	—	34
97.9	27.33	—	28
85.0	29.25	—	28
77.5	27.91	—	22
89.0	26.67	—	19
88.6	27.63	—	18
101.2	26.12	—	58
[redacted]			
96.5	28.20	—	32
94.7	21.50	—	37
95.2	17.80	—	36
105.1	22.15	—	34
87.3	26.02	—	12
114.0	26.90	—	28
120.9	24.89	—	40
110.2	26.93	—	22
48.9	28.07	—	24
78.6	29.31	—	48
70.3	29.71	—	14
23.8	30.38	—	18
57.0	24.98	—	12
103.1	26.31	—	25
50.6	28.04	—	18

	92.8		23.41		—		27	
[redacted]								
	110.6		26.88		—		30	
NAPEFAI/EQF	—	NAPEFAI/EQF	26.47		—		29	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	22.73		—		20	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	24.26		—		22	
	149.4		20.61		—		15	J-QC/FFB
	80.5		21.84		—		20	J-QC/FFB
	71.0		23.25		—		40	J-QC/FFB
	40.0		27.56		—		41	
	53.8		25.13		—		18	
	53.2		21.86		—		16	J-QC/FFD/RPO
	121.8		24.76		—		22	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	26.88		—		20	
NAPEFAI/EQF	—	NAPEFAI/EQF	23.20		—		18	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	26.73		—		48	
NAPEFAI/EQF	—	NAPEFAI/EQF	26.07		—		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	29.79		—		29	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—		18	J-QC/FFD/RPO
	93.8		29.16		—		94	
[redacted]								
	137.3		22.41		—	NA	48	
	107.3		24.03		—	NA	83	J-QC/FFB
	107.9		25.52		—	NA	63	
	119.8		24.05		—	NA	66	J-QC/FFD/RPO
	106.1		25.82		—	NA	55	
	90.6		26.20		—	NA	60	
	116.4		25.56		—	NA	53	
	71.3		26.36		—	NA	20	J-QC/FFD/FLDRPO
	46.4		27.09		—	NA	12	
	90.7		26.71		—	NA	56	
	82.3		26.28		—	NA	48	
	81.3		27.65		—	NA	31	
	41.2		29.36		—	NA	58	
	93.8		—	NAPEFAI/EQF	—	NA	59	
	146.2		25.82		—	NA	70	J-QC/FLD/RPO
	82.9		26.79		—	NA	54	
	82.4		27.26		—	NA	64	
	81.2		26.69		—	NA	57	
	84.2		22.21		—	NA	23	
[redacted]								
	107.3		26.59		—	NA	55	J-QC/FFD/FLDRPO
	162.7		27.24		—	NA	28	
	116.2		17.47		—	NA	59	
	149.1		22.34		—	NA	26	
	130.7		20.25		—	NA	52	
	57.5		18.89		—	NA	48	
	85.8		24.72		—	NA	52	
	55.1		22.85		—	NA	20	
	58.7		24.69		—	NA	18	

	112.6	22.78	—	NA	20	
	75.9	25.07	—	NA	68	
	109.2	25.37	—	NA	69	
	36.4	26.23	—	NA	52	
	79.8	23.56	—	NA	63	
	53.9	19.19	—	NA	39	
	49.9	23.68	—	NA	68	
	85.3	23.04	—	NA	39	
	81.9	21.85	—	NA	25	
	82.5	22.20	—	NA	46	J-QC/FFD/RPO
	81.5	23.55	—	NA	50	
[redacted]						
	97.3	25.87	—	NA	66	
	108.3	26.54	—	NA	60	
	148.3	26.21	—	NA	68	
	112.7	27.30	—	NA	123	
	97.4	24.85	—	NA	70	
	153.4	25.21	—	NA	62	
	98.3	23.02	—	NA	61	
	70.4	27.00	—	NA	56	
	49.7	22.55	—	NA	52	J-QC/FFD/RPO
	34.9	25.22	—	NA	46	
	54.9	21.96	—	NA	27	
	74.7	24.50	—	NA	34	
	74.8	25.26	—	NA	24	J-QC/FLD/RPO
	71.9	25.94	—	NA	66	
	42.6	28.57	—	NA	73	J-QC/FFB
	79.1	27.36	—	NA	67	
	84.7	29.02	—	NA	69	
	79.8	27.55	—	NA	72	J-QC/FLD/RPO
	85.5	30.08	—	NA	33	
	100.4	30.20	—	NA	54	
	114.3	26.58	—	NA	56	
[redacted]						
[redacted]	104.1	[redacted]	27.14	—	NA	62	[redacted]
[redacted]	110.1	[redacted]	25.26	—	NA	67	[redacted]
[redacted]	120.3	[redacted]	26.21	—	NA	154	J-QC/FFD/FLDRPO
[redacted]	115.7	[redacted]	24.79	—	NA	26	[redacted]
[redacted]	98.2	[redacted]	24.32	—	NA	22	[redacted]
[redacted]	92.3	[redacted]	27.38	—	NA	39	[redacted]
[redacted]	90.1	[redacted]	24.60	—	NA	54	[redacted]
[redacted]	117.1	[redacted]	25.42	—	NA	48	[redacted]
[redacted]	93.2	[redacted]	18.04	—	NA	52	[redacted]
[redacted]	132.8	[redacted]	21.32	—	NA	44	[redacted]
[redacted]	89.2	[redacted]	25.15	—	NA	24	[redacted]
[redacted]	49.7	[redacted]	29.18	—	NA	64	[redacted]
[redacted]	92.9	[redacted]	26.07	—	NA	68	J-QC
[redacted]	88.3	[redacted]	23.63	—	NA	48	[redacted]
[redacted]	73.3	[redacted]	29.00	—	NA	86	J-QC/FFB
[redacted]	68.7	[redacted]	29.79	—	NA	70	[redacted]

	65.1		28.93	—	NA	120	
	93.8		28.93	—	NA	86	
	139.5		27.78	—	NA	62	
	115.2		31.92	—	NA	24	
	102.9		24.95	—	NA	58	
	108.0		24.61	—	NA	45	J-QC
	118.8		26.23	—	NA	52	J-QC/FLD/RPO
	129.7		18.66	—	NA	23	
	108.4		22.93	—	NA	36	J-QC/FFB
	97.2		24.92	—	NA	43	J-QC/FFB/FLDRPO
	100.3		24.57	—	NA	53	
	76.1		25.35	—	NA	14	
	88.4		28.60	—	NA	42	
	91.2		27.21	—	NA	42	
	73.5		29.13	—	NA	42	
	88.6		30.80	—	NA	34	
	94.4		29.09	—	NA	36	J-QC
	101.8		25.27	—	NA	44	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.07	<2	<0.09	0.040
[redacted]			
0.73	<2	<0.19	0.021
1.24	5	<0.19	0.024
0.33	5	<0.19	0.032
0.50	5	<0.19	0.036
1.50	—	<0.19	0.029
1.90	3	<0.19	0.048
2.38	18	<0.19	0.068
2.01	4	<0.19	0.070
1.47	4	<0.19	0.058
2.80	4	<0.19	0.072
2.10	6	<0.19	0.061
2.34	4	<0.19	0.051
1.18	3	<0.19	0.033
0.96	<2	<0.19	0.113
0.83	3	<0.19	0.080
<0.30	3	<0.19	0.042
0.73	<2	<0.19	0.070
0.59	10	<0.19	0.057
0.69	4	<0.19	0.073
[redacted]			
1.00	3	<0.19	0.033
0.57	<2	<0.19	0.025
0.50	<2	<0.19	0.020
1.05	<2	<0.19	0.035
1.14	<2	<0.19	0.032
0.90	—	<0.27	0.056
1.11	<2	<0.27	0.048
0.73	<2	<0.27	0.037
1.06	<2	<0.27	0.018
0.38	7	<0.27	0.095
1.52	<2	<0.27	0.061
1.13	4	<0.27	0.045
0.99	<2	<0.27	0.052
0.85	<2	<0.27	0.079
0.70	<2	<0.27	0.041
0.86	<2	<0.27	0.094
0.76	6	<0.27	0.086
0.72	4	<0.27	0.080
0.94	4	<0.27	0.109
0.62	<2	<0.27	0.060
<1.00	<2	<0.27	0.040
[redacted]			
0.77	5	<0.27	0.017
0.85	3	<0.27	0.018

1.37	9	<0.27		0.015
1.51	6	<0.295		0.026
1.61	8	<0.295		0.102
1.82	10	<0.295		0.059
0.79	3	<0.295		0.032
1.09	—	<0.295		0.036
<1.00	—	<0.295		0.018
0.99	<2	<0.295		0.041
1.54	<2	<0.295		0.008
1.30	<2	<0.295		0.028
1.20	<2	<0.295		0.101
0.50	—	<0.295		0.136
0.61	—	<0.295		—
0.80	—	<0.295		0.103
0.75	—	<0.295		0.060
<1.00	—	<0.295		0.082
0.64	—	<0.295		0.058
0.84	—	<0.295		0.046
0.58	—	—		0.027
0.59	—	<0.295		0.050
[redacted]				
0.79	—	<0.295		0.041
0.49	<2	<0.295		0.021
<1.00	—	0.060		0.015
<0.30	3	0.161		0.141
<0.30	<2	0.245		0.088
0.47	<2	0.150		0.088
<0.30	<2	0.116		0.080
0.54	<2	0.351		0.098
<0.30	<2	0.223		0.109
<0.30	<2	0.510		0.078
<0.30	<2	0.125		0.056
0.32	<2	0.134		0.057
[redacted]				
<0.30	<2	0.258		0.034
0.55	<2	0.370		0.038
0.60	<2	0.353		0.024
<0.30	<2	0.225		0.031
<0.30	<2	0.038		0.034
0.31	3	0.264		0.018
<0.30	3	<0.017		0.011
<0.30	<2	0.050		0.016
<0.30	<2	0.081		0.044
0.50	<2	0.072		0.043
<0.30	<2	0.140		0.050
<0.30	—	0.347		0.062
0.45	<2	0.023	J-R	0.087
0.30	<2	0.244		0.111
<0.30	<2	0.484		0.106

<0.30		<2		0.662		0.052
0.49	BJ-QC/FBK/FFB	4	J-QC/FFB/FLS	0.051	J-QC/FMS	0.022
0.34	BJ-QC/FBK/FFBFLS	5	J-QC/FLS	<0.018	K	0.020
1.27	BJ-QC/FBK/FFB	<2	K	0.271		0.041
<0.30	K	<2	KJ-QC/FLS	0.089		0.045
<0.30	KJ-QC/FFB	4		0.031	J-R	0.063
0.55	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.146		0.053
<0.30	KBJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.142		0.059
<0.30	KB/FBK	<2	K	0.046		0.021
0.49	BJ-QC/FBK/FFBFLS	<2	K	0.300		0.033
0.32	BJ-QC/FBK/FFBFLDRPO	<2	K	0.224		0.043
<0.30	KB/FBK	<2	K	<0.018	K	0.034
0.60	BJ-QC/FBK/FFBFLS	<2	K	0.041		0.043
0.43	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.025	J-R	0.051
0.95	BJ-QC/FBK/FFBFLS	3	J-QC/FFB	0.173		0.085
<1.00	KJ-QCJ-HT/FLS/EHT	<2	KJ-QC/FFD/RPOFLS	0.046		0.066
<0.30	KBJ-QC/FBK/FFBFFDRPO	—	NRP	0.076	J-HT/EHT	0.064
0.62	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.127		0.060
0.66	BJ-QC/FBK/FFB	<2	K	0.269	J-QC/FFB/FSL	0.049
0.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0175	K	0.0178
0.54	BJ-QC/FBK/FFBFLS	<2	K	0.030	J-R	0.0300
0.47	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	0.101		0.0260
0.55	BJ-QC/FBK/FFBFLS	4		<0.0175	KJ-QC/FFB	0.0382
0.52	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.111		0.0411
2.66	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.201		0.0259
2.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.045		0.0138
0.63	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.181		0.0380
0.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.292	J-QC/FSL	0.0656
0.59	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.194		0.0509
0.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.189		0.0967
0.56	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.110		0.0366
0.51	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.210		0.0914
0.43	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	5	J-QC/FLS	<0.0175	K	0.0211
0.57	BJ-QC/FBK/FFBFLDRPOFLS	6	J-QC/FLS	<0.0175	KJ-QC/FFD/RPOFMS	<0.0029
0.54	BJ-QC/FBK/FFB	4	J-QC/FLS	<0.0175	K	0.0124
1.40	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	0.168		0.0204
0.68	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	<0.0175	K	0.0610
0.39	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.325		0.0975
0.50	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB	0.106		0.0341
<0.30	KB-JQC/FBK/FFBFLS	4	J-QC/FFD/RPOFLS	0.105		0.0221
0.99	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.204		0.0263
0.65	BJ-QC/FBK/FFBFFDRPO	4	J-QC/FLS	0.120		0.0178
0.89	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	3	J-QC/FLS	0.038	J-R	0.0234
0.98	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.272		0.0535
<0.30	KBJ-QCJ-HT/FBK/FFBEHT	<2	K	0.054	J-RJ-QC/FFD/RPO	0.0122
1.01	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	3	J-QC/FFD/RPO	0.038	J-RJ-QC/FFD/RPO	0.0733
0.66	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.144		0.0248

0.58	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.123	J-QC/FFD/RPO	0.0188
0.37	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFD/RPO	0.038	J-R	0.0651
0.65	BJ-QCJ-HT/FBK/FFBFLSEHT	4		0.191		0.0488
0.58	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.223		0.0671
0.39	BJ-QCJ-HT/FBK/FFBFLSEHT	4		<0.0293	KJ-QC/FFB	0.0651
0.37	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.458		0.0397
0.59	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.237		0.0361
0.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.231		0.0469
0.89	BJ-QC/FBK/FFBFLS	<2	K	0.247		0.0503
0.97	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0293	KJ-QC/FFB	0.0374
0.70	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.291	J-QC/FSL	0.0117
[redacted]						
0.88	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.826		0.0356
0.53	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	0.185		0.0229
0.73	BJ-QC/FBK/FFB	4		<0.0378	KJ-QC/FMS	0.0313
0.52	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.214	J-QC/FFB	0.0351
0.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.371	J-QC/FMS	0.0434
0.64	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	<0.0378	KJ-QC/FMS	0.0359
1.35	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.099		0.0256
1.02	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.183		0.0362
0.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.209	J-QC/FMS	0.0459
0.40	BJ-QC/FBK/FFBFLS	4	J-QCJ-HT/FFB/EHT	0.251	J-QC/FFD/RPO	0.0366
0.56	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.120	J-QC/FMS	0.0299
0.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.106	J-QC/FMS	0.0200
0.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.100	J-QC/FMS	0.0337
0.55	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-HT/EHT	0.201	J-QC/FMS	0.0601
0.40	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FFD/RPO	0.269		0.0541
0.36	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.153	J-QC/FSL	0.1855
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.169		0.1365
0.41	BJ-QC/FBK/FFBFLS	<2	K	0.227	J-QC/FMS	0.1309
0.59	BJ-QC/FBK/FFB	<2	K	0.216		0.0929
—	NA	—	NRP	0.390		0.0479
—	NA	<2	KJ-QC/FLS	0.250	J-QC/FMS	0.0603
[redacted]						
—	NA	<2	KJ-QC/FMS	0.250	J-QC/LLS/FMS	0.0350
—	NA	<2	KJ-QC/FMS	0.086	J/LLS	0.0331
—	NA	4	J-QC/FMS	<0.0217	KJ-QC/FSL/FMS	0.0318
—	NA	<2	K	<0.0217	K	0.0386
—	NA	<2	KJ-QC/FMS	0.091	J/LLS	0.0511
0.40	BJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	0.267	J-QC/LLS/FSLFMS	0.0343
0.64	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.193	J-QC/LLS/FMS	0.0492
1.33	BJ-QC/FBK/FFBFLS	3	J-QC/FMS	0.136	J-QC/LLS/FSLFMS	0.0536
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.272	J-QC/LLS/FSL	0.0263
0.58	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	<0.0217	KJ-QC/FMS	0.0101
0.89	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.148	J/LLS	0.0194
0.69	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FMS	<0.0911	KJ-QC/FMS	0.0145
0.48	BJ-QCJ-HT/FBK/FFBFFDFLDRPOEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FSL	0.0184
0.65	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FMS	0.096	J-R/LLS	0.0468
0.30	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0911	K	0.0612
0.50	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	0.121	J-R/LLS	0.0358

0.31	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	0.181	J-R/LLS	0.0536
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.193	J/LLS	0.0615
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FMS	<0.0911	KJ-QC/FSL	0.0822
0.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.310	J/LLS	0.0622
0.71	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.158	J-R/LLS	0.0464
[redacted]						
0.81	BJ-QC/FBK/FFBFMS	<2	K	0.419	J-QC/FFB	0.0357
0.51	BJ-QC/FBK/FFBFMS	3		0.534		0.0266
0.56	BJ-QC/FBK/FFBFMS	3		0.108	J/LLS	0.0333
0.94	BJ-QC/FBK/FFBFMS	<2	K	0.369	J-QC/LLS/FFB	0.0292
0.79	BJ-QC/FBK/FFBFLDRPO	<2	K	0.114	J/LLS	0.0243
0.76	BJ-QC/FBK/FFBFMS	<2	K	0.057	J/LLS	0.0307
0.61	BJ-QC/FBK/FFBFLDRPOFMS	4	J-QC/FLS	0.039	J-R/LLS	0.0394
0.73	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0352
0.54	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.084	J-QC/LLS/FSLFMS	0.0340
0.72	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	KJ-QC/FLS	0.045	J-R/LLS	0.0499
0.38	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0489
0.65	BJ-QCJ-HT/FBK/FFB	<2	K	0.175	J/LLS	0.0874
0.57	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.064	J-QC/LLS	0.0802
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.62	0.157	0.13	—
	0.36	0.119	0.06	—
	0.32	0.227	0.11	—
	0.36	0.104	0.06	—
	0.70	0.112	0.09	—
	2.55	0.141	0.08	—
	0.37	0.195	0.16	—
	0.23	0.213	0.12	—
	0.58	0.190	0.22	—
	0.42	0.166	0.10	—
	0.40	0.158	0.32	—
	0.39	0.146	0.13	—
	0.23	0.161	0.11	—
	0.42	0.160	0.11	—
	0.73	0.209	0.16	—
	0.42	0.157	0.17	—
	0.29	0.160	0.13	—
	0.41	0.146	0.14	—
	1.20	0.154	0.10	—
	1.16	0.109	0.14	—
	0.22	0.086	0.04	—
	0.68	0.071	0.07	—
	0.24	0.044	0.04	—
	0.47	0.093	0.08	—
	0.54	0.103	0.10	—
	0.31	0.113	—	—
	0.47	0.150	0.13	—
	0.25	0.113	0.13	—
	1.44	0.170	0.09	—
	0.50	0.177	0.18	—
	0.53	0.188	0.14	—
	0.55	0.186	0.17	—
	0.23	0.170	0.16	—
	0.37	0.233	0.22	—
	0.21	0.142	0.14	—
	0.25	0.206	0.17	—
	0.36	0.214	0.20	—
	0.41	0.195	0.19	—
	0.59	0.191	0.15	—
	0.49	0.116	0.14	—
	0.45	0.110	0.10	—
	0.53	0.074	<0.01	—
	0.33	0.083	0.04	—

	0.69	0.127	0.05	—
	0.20	0.089	0.08	—
	0.27	0.100	0.10	—
	0.38	0.187	0.10	—
	0.19	0.063	0.06	—
	0.17	0.113	—	—
	0.17	0.111	—	—
	0.35	0.161	0.15	—
	0.29	0.174	0.13	—
	2.20	0.451	0.15	—
	0.31	0.201	0.20	—
	1.08	0.165	—	—
	0.50	0.139	—	—
	4.02	0.141	—	—
	0.36	0.119	—	—
	0.34	0.199	0.15	—
	0.32	0.134	0.12	—
	0.82	0.121	0.11	—
	0.31	0.084	0.09	—
	0.33	0.114	0.10	—
	0.781	0.117	0.09	—
	0.645	0.080	0.10	—
	0.378	0.041	0.05	—
	0.492	0.129	0.12	—
	0.420	0.156	0.12	—
	0.335	0.14	0.14	—
	0.540	0.17	0.12	—
	0.407	0.05	0.16	—
	0.768	0.18	0.18	—
	0.857	0.18	0.13	—
	0.487	0.14	0.10	—
	0.672	0.39	0.11	—
	0.798	0.09	0.07	—
	0.477	0.11	0.08	—
	0.621	0.08	0.09	—
	0.436	0.06	0.06	—
	0.264	0.01	0.06	—
	0.280	0.06	0.01	—
J-R	1.40	0.09	0.06	—
	0.530	0.10	0.08	—
	0.513	0.17	0.11	—
	0.732	0.12	0.11	—
	0.335	0.12	0.12	—
	0.352	0.19	0.18	—
	0.712	0.17	0.16	—
	1.77	0.15	0.17	—
	1.17	0.17	0.16	—

	0.586		0.10		0.10		—
J-QC/FFB	0.344		0.06		<0.05	K	—
	0.521		0.07		0.05	J-QC/FFD/RPO	—
	0.285		0.11		0.06		—
	0.580		0.06		<0.05	K	—
	0.415	J-QC/FFB	0.07	J-QC/FFD/RPO	0.06		—
	0.281		0.10		0.10		—
	1.39		0.14		0.13		—
J-HT/EHT	1.83		0.12	J-QC/FFD/RPO	0.11		—
	0.817		0.30	J-QC/FFB/FFDRPO	<0.05	K	—
	0.693	J-QC/FFB	0.28		0.17		—
J-QC/FFB	1.15		0.17	J-QC/FFB	0.13		—
J-QC/FFB	1.61		0.19		0.16		—
	0.397	J-QC/FFB	—	NAP	—	NAP	—
	0.897		0.09		0.17		—
	0.434		0.13		<0.05	K	—
J-HT/EHT	0.530	J-QCJ-HT/FFB/EHT	0.11	J-QC/FFD/RPO	0.10	J-QC/FFD/RPO	—
J-QC/FFB	0.520	J-QC/FFB	0.13		0.10		—
J-QC/FFB	1.25		0.09		0.09		—
	1.16	J-QC/FFB	0.07		<0.05	K	—
	0.122		0.07		0.06		—
	<0.0301	K	0.10		0.08		—
	1.20		0.09		0.05	J-QC/FFD/FLDRPO	—
	0.204	J-QC/FLS	0.11		0.07		—
J-QC/FFB	0.077		0.12	J-QC/FFB	0.08		—
	0.227		0.21	J-QC/FFB	<0.05	KJ-QC/FFB/FFDRPO	—
	0.103		0.24		0.15		—
	0.206		0.19		0.10	J-QC/FLD/RPOFLS	—
	0.1317		0.16		0.13		—
	0.652		0.24		0.17		—
J-QC/FFB	0.089		0.17		0.14		—
	0.345		0.22		0.18		—
	0.971		0.19		0.12		—
K	<0.0301	K	0.25	J-QC/FFB	0.15		—
	0.931		0.17	J-QC/FLS	0.12		—
	0.709	J-QC/FFD/RPO	0.18		0.13		—
	0.416		0.22		0.16		—
	0.566		0.25	J-QC/FFD/RPO	0.18		—
J-QC/FFB	0.7600		0.07		0.06		—
	0.5430	J-QC/FLS	0.04	J-R	0.04	J-RJ-QC/FLS	—
	0.3300		0.10	J-QC/FFB/FFDRPO	0.05		—
	0.2973		0.07	J-QC/FFB	<0.02	K	—
	0.0938	J-QC/FFB/FFDRPO	0.06		0.02	J-RJ-QC/FFD/RPO	—
J-QC/FFD/RPO	0.4862		0.11		0.09		—
J-QC/FFB	0.1868		0.08	J-QC/FFB	0.04	J-R	—
	0.2598		0.10	J-QC/FLD/RPO	0.13	J-QC/FFB	—
J-QC/FFB	0.2371		0.11		0.09		—

J-QC/FFB	0.1195		0.15		0.10		—
J-QC/FFB	1.2839	J-QC/FFD/RPO	0.23		0.20		—
	0.2753	J-QC/FFB	0.21	J-QC/FFB	0.16		—
	0.2174		0.20		0.16		—
	0.3578	J-QC/FFB	0.21		0.15	J-QC/FFB	—
	0.3848	J-QC/FFD/RPO	0.09		0.11	J-QC/FFB/FFDRPO	—
	0.2444		0.07		0.08		—
J-QC/FFB/FFDRPO	0.2864		0.10		0.08		—
	0.6442		0.17	J-QC/FFB	0.10		—
	0.4029		0.13		0.11		—
J-QC/FFB	0.6440		0.09		0.09		—
[redacted]							
J-QC/FFB	0.3812		0.06	J-QC/FFB	0.06		—
J-QC/FFB	0.6077	J-QC/FFB	0.08		0.04	J-R	—
	0.5573	J-QC/FFB	0.08		0.03	J-R	—
J-QC/FFB	0.3400	J-QC/FFB	0.08		0.04	J-R	—
J-QC/FFB	0.8841		0.10	J-QC/FFD/RPO	0.07		—
J-QC/FFB	0.5876		0.10		0.05		—
J-QC/FFB	0.2708		0.09		0.05		—
J-QCJ-HT/FFB/EHT	0.5302		0.13		0.08	J-QC/FFD/RPO	—
J-QC/FFB	0.4965		0.13		0.10		—
	0.4655	J-HT/EHT	0.09		0.09		—
	0.3698	J-QC/FLS	0.16		0.14		—
J-QC/FFB	0.0412		0.16	J-QC/FFD/RPO	0.14		—
	0.1915		0.16		0.69	J-SUS	—
	0.3069		0.18		0.15		—
J-QC/FFB	0.2903	J-QC/FFD/RPO	0.18		0.17		—
	0.4813		0.22		0.20		—
J-QC/FFB	0.4398		0.16		0.16		—
J-QC/FFB	0.7238		0.19		0.17		—
J-QC/FFB	0.5026		0.16		0.15		—
J-QC/FFB	0.9724		0.12		0.10		—
J-QCJ-HT/FFB/EHT	0.4016	J-QC/FFD/RPO	0.12		0.09		—
[redacted]							
[redacted]	0.2869	[redacted]	0.10		0.08	J-QC/FLD/RPO	—
J-QC/FFB	0.4590	J-HT/EHT	0.10	J-QC	0.07	J-QC	—
J-QC/FFB	0.7032	J-QC/FFB	0.09	J-QC	0.04	J-RJ-QC	—
J-QC/FFB	0.7503	[redacted]	0.06	J-QC/FFD/RPO	0.08	J-QC	—
J-QC/FFB	0.5351	J-QC/FFB	0.17		0.06	J-QC	—
[redacted]	1.2281	[redacted]	0.09		0.07	[redacted]	—
J-QC/FFB	2.3579		0.10		0.07		—
[redacted]	0.2904		<0.01	K	0.05		—
J-QC/FFB	0.3047		0.11	J-QC/FLD/RPO	0.10		—
J-QC/FFD/RPO	0.3355		0.11		0.07	J-QC	—
[redacted]	1.7043		0.10		0.07	[redacted]	—
	0.4947		0.09	J-QC	0.07	J-QC	—
J-QC/FLS	0.9914		0.14	J-QC	0.11	J-QC/FLD/RPO	—
[redacted]	0.5080		0.10		0.06	[redacted]	—
J-QC/FFD/RPO	0.2506		0.23	J-QC/FLD/RPO	0.21	J-QC/FLD/RPO	—
[redacted]	0.1738	J-QC/FFB/FLS	0.15		0.12	[redacted]	—

J-QC/FFB/FFDRPO	0.3989	J-QC/FFB/FFDRPO	0.15	J-QC/FFD/RPO	0.12	J-QC/FFD/RPO	—
[redacted]	0.6426	[redacted]	0.11		0.10	[redacted]	—
J-QC/FFB	0.4118	[redacted]	0.15	J-QC	0.11	J-QC	—
J-QC/FFB	0.5138	J-QC/FLS	0.14	J-QC	0.10	J-QC	—
[redacted]	0.5820	[redacted]	0.13		0.09	[redacted]	—
[redacted]							
J-QC/FFB	0.4733	J-QC/FLS	0.08		0.06		—
	0.2061		0.05		0.02	J-R/LLS	—
J-QC/FFB	0.5332	J-QC/FLS	0.09		0.05		—
	0.3569		0.10	J-QC/FFB	0.06	J-QC/FFB	—
J-QC/FFB	0.2045	J-QCJ-HT	0.10		0.07		—
J-QC/FFB	0.0752	J-HT	0.07	J-QC/FMS	0.02	J-R/LLS	—
J-QC/FFB	0.1626		0.07		0.06		—
J-QCJ-HT/FFB	0.2004	J-QC/FLS	0.11	J-QC/FFB	0.07		—
	0.1915	J-QC/FLS	0.09		0.07		—
	0.2505		0.14		0.12		—
J-QC/FFB	0.1996		0.18		0.09		—
J-QC/FFB	0.5309		0.18		0.15		—
J-QC	0.5972		0.15		0.11		—
[redacted]							

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	1.0	0.00	0.00
[redacted]			
	5.0	0.00	0.00
	18.0	1.09	1.53
	<0.5	0.18	0.18
	0.5	0.00	0.00
	2.9	0.00	0.00
	<0.5	0.00	0.00
	3.3	0.00	0.00
	2.8	0.00	0.09
	2.9	0.00	0.00
	4.3	0.00	0.39
	2.8	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	4.8	0.00	0.00
	<0.5	0.08	0.61
	6.7	0.00	0.00
	5.2	0.00	0.00
	3.7	0.00	0.01
	4.3	0.21	0.24
[redacted]			
	<0.5	0.00	0.00
	0.6	0.00	0.00
	<0.5	0.00	0.29
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	—	0.00	0.00
	<0.5	0.00	0.00
	4.7	0.00	0.66
	1.8	0.00	0.95
	3.3	0.00	0.00
	2.6	0.04	0.04
	—	0.00	0.00
	2.8	0.01	0.01
	2.9	0.00	0.00
	2.0	0.00	0.00
	2.4	0.00	0.03
	1.5	0.00	0.00
	62.2	0.00	0.00
	2.1	0.00	0.00
	2.0	0.00	0.00
	19.3	0.48	0.48
[redacted]			
	3.8	0.00	0.00
	4.3	0.00	0.00

3.5	0.00	0.00
5.8	0.00	0.00
4.0	0.01	0.48
10.8	0.00	0.00
1.31	0.00	0.00
—	0.03	0.15
—	0.00	1.56
5.1	0.00	0.00
5.2	0.00	0.00
5.1	0.00	0.00
4.8	0.27	0.84
—	0.00	0.02
—	0.00	0.00
—	0.00	0.00
—	0.00	0.00
2.7	0.00	0.00
1.0	0.00	0.00
1.8	0.00	0.04
1.2	0.00	0.00
3.5	0.00	0.00
[redacted]		
1.4	0.00	1.58
0.8	0.00	0.00
<0.5	0.42	0.42
2.7	0.00	0.00
<0.5	0.00	1.09
4.3	0.00	0.00
5.0	0.00	0.00
4.9	0.00	0.00
5.1	0.00	0.00
0.6	0.01	0.01
2.3	0.01	0.09
2.9	0.00	0.06
[redacted]		
1.2	0.00	0.00
2.0	0.05	0.10
6.6	0.00	0.00
3.3	0.00	0.00
5.1	0.00	0.14
3.2	0.00	0.00
5.8	0.00	0.04
4.4	0.14	0.15
5.2	0.00	0.80
4.6	0.00	0.00
3.8	0.00	0.00
3.1	0.00	0.71
4.8	0.00	0.00
3.7	0.00	0.00
2.2	0.00	0.00

	3.0		0.00	0.00
[redacted]				
	4.1	J-QC/FFB	0.00	0.00
	3.9	J-QC/FFB	0.00	0.00
	4.3		1.47	2.10
	3.9		0.92	1.35
	4.0	J-QC/FFB/FFDRPO	0.01	0.68
	3.2		0.43	0.43
	4.3	J-QC/FFB	0.08	0.08
	4.3		0.00	0.00
	3.9	J-QC/FFB	0.00	0.15
	4.6	J-QC/FFB	0.00	0.00
	4.4	J-QC/FFB	0.08	0.12
	4.3		1.13	1.13
	—	NAP	0.00	0.00
	4.1	J-QC/FFB	0.00	0.00
	3.6	J-QC/FFB	0.00	0.00
	3.1		0.00	0.30
	3.3	J-QC/FFB	0.00	0.00
	3.1	J-QC/FFB	0.00	0.00
[redacted]				
NA	3.40		0.00	0.00
NA	3.80	J-QC/FFB	0.00	0.47
NA	3.60		0.00	0.01
NA	4.19	J-QC/FFB	0.00	0.00
NA	3.85	J-QC/FFB	0.00	0.00
NA	3.58	J-QC/FFB	0.00	0.18
NA	3.98	J-QC/FFB	0.00	0.00
NA	3.50	J-QC/FFB	0.00	1.69
NA	3.10	J-QC/FFB	0.00	0.05
NA	3.10	J-QC/FFB	0.00	0.00
NA	3.40	J-QC/FFB	0.00	0.00
NA	3.80	J-QC/FFB	0.00	0.00
NA	3.70	J-QC/FFB	0.00	1.24
NA	4.10	J-QC/FFB	0.00	0.00
NA	4.40	J-QC/FFB	0.00	0.00
NA	4.10	BJ-QC/FBK/FFB	0.00	0.93
NA	3.20	J-QC/FFB	0.00	0.00
NA	3.00	J-QC/FFB	0.00	0.16
NA	2.50		0.00	0.01
[redacted]				
NA	3.8		0.00	0.00
NA	4.0	J-QC/FFB	0.00	0.00
NA	4.4		0.00	0.00
NA	2.7	J-QC/FFB	0.04	0.04
NA	2.9	BJ-QC/FBK/FFB	0.00	0.00
NA	3.1		0.00	0.00
NA	2.6	J-QC/FFB	0.00	0.00
NA	3.5	J-QC/FFB	0.00	0.00
NA	5.9	J-QC/FFB	0.00	0.00

NA	3.2	J-QC/FFB	0.17	0.17
NA	4.1	J-QC/FFB	0.00	0.00
NA	3.8	J-QC/FFB	1.32	1.32
NA	3.7	J-QC/FFB	0.00	0.22
NA	3.7	J-QC/FFB	0.00	0.00
NA	3.6	J-QC/FFB	0.00	0.00
NA	3.1	J-QC/FFB	0.08	0.12
NA	3.7	J-QC/FFB	1.52	1.59
NA	2.8		0.00	0.00
NA	3.1	J-QC/FFD/RPO	0.00	0.00
NA	2.9	J-QC/FFB/FFDRPO	0.03	0.03
[redacted]				
NA	3.2		0.14	0.14
NA	—	NAPEFAI/EQF	0.02	0.02
NA	3.6	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
NA	1.1		0.02	0.02
NA	1.5	J-QC/FFB	0.21	0.48
NA	1.8	J-QC/FFB	0.00	0.18
NA	2.7	BJ-QC/FBK/FFB	0.40	0.60
NA	3.3	J-QC/FFB	0.58	0.60
NA	2.4	B/FBK	0.00	0.93
NA	2.1	BJ-QC/FBK/FFBFFDRPO	0.00	0.00
NA	1.4	B/FBK	0.00	0.00
NA	2.6	J-QC/FFB	0.00	0.00
NA	4.4	J-QC/FFB	0.03	0.07
NA	3.5	J-QC/FFB	0.00	0.00
NA	1.8	J-QC/FFB	0.00	0.00
NA	1.5		0.00	0.00
NA	1.6	J-QC/FFD/RPO	0.01	1.01
NA	1.9	J-QC/FFB	0.00	0.00
NA	3.1	J-QC/FFB	0.00	0.00
NA	2.6	BJ-QC/FBK/FFB	0.00	0.00
NA	2.8	J-QC/FFB	0.00	0.02
[redacted]				
NA	3.85	BJ-QC/FBK/FFB	0.00	0.00
NA	3.02	J-QC/FFB	0.00	0.00
NA	3.11	BJ-QC/FBK/FFB	0.00	0.00
NA	2.5		0.00	0.00
NA	3.4	J-QC/FFB/FLDRPO	1.15	1.15
NA	2.1		0.00	0.00
NA	2.8	J-QC	0.00	0.00
NA	3.0		0.00	0.00
NA	4.1	J-QC/FFB	1.29	1.29
NA	3.2	J-QC/FFD/FLDRPO	0.00	0.00
NA	2.5		0.00	0.01
NA	2.8	J-QC/FFB	0.00	0.00
NA	5.1	BJ-QC/FBK/FFB	0.00	0.00
NA	3.6	J-QC	0.00	0.02
NA	3.4	J-QC	0.00	0.00
NA	23.2	J-QC/FFB	0.00	0.00

NA	1.2	J-QC/FFD/RPO	0.00	0.00
NA	1.6		0.00	0.00
NA	4.23	J-QC/FFB	0.00	0.00
NA	3.47	J-QC/FLD/RPO	0.00	0.00
NA	3.31		0.00	0.00
NA	3.4		0.00	0.07
NA	1.5		0.00	0.00
NA	3.6		0.07	0.74
NA	3.1		0.00	0.00
NA	3.0		0.00	0.08
NA	3.3		0.00	0.00
NA	3.0		0.02	0.02
NA	<0.09	K	0.00	0.49
NA	0.9		0.00	0.00
NA	2.5		0.00	0.55
NA	1.0		0.00	0.00
NA	2.6		0.00	0.00
NA	2.0		0.00	0.08

Station #30 Upper Raritan Bay	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 3, 2003	12:45	6.40	6.8	9.58
2004				
February 26, 2004	12:25	8.72	3.2	16.40
April 13, 2004	12:40	—	7.5	12.94
June 17, 2004	12:15	8.60	25.1	20.00
June 24, 2004	12:20	7.95	20.4	4.38
June 29, 2004	12:35	8.30	22.3	2.20
July 15, 2004	12:45	7.79	22.6	4.20
July 22, 2004	11:15	8.66	25.5	5.00
July 29, 2004	11:30	7.28	23.4	6.16
August 5, 2004	12:10	7.82	23.87	8.16
August 12, 2004	12:01	6.97	24.04	7.95
August 19, 2004	10:25	—	23.50	10.39
August 26, 2004	11:55	8.33	23.15	11.60
September 2, 2004	10:30	7.86	22.54	6.66
September 23, 2004	11:30	8.03	20.54	8.76
September 30, 2004	12:05	6.67	20.60	6.93
October 13, 2004	12:10	8.04	17.34	10.76
October 28, 2004	11:50	7.50	13.0	7.26
November 9, 2004	11:40	—	11.0	8.05
November 23, 2004	11:33	7.60	10.12	8.31
December 9, 2004	11:20	7.90	7.71	9.83
2005				
March 10, 2005	12:53	—	2.10	16.58
April 14, 2005	12:15	8.51	9.60	17.57
April 28, 2005	11:54	8.11	11.34	11.48
May 4, 2005	12:53	8.27	12.45	14.44
May 16, 2005	10:54	8.23	14.66	13.48
June 9, 2005	11:55	8.10	21.50	13.45
June 14, 2005	11:59	8.00	19.13	10.30
June 23, 2005	12:10	8.38	21.18	14.50
July 7, 2005	11:49	7.89	24.00	6.39
July 21, 2005	13:11	7.74	25.25	6.85
July 27, 2005	12:15	7.77	26.06	10.49
August 4, 2005	11:37	7.52	26.96	6.43
August 9, 2005	11:28	7.57	24.09	5.04
August 18, 2005	11:39	7.97	24.63	7.87
August 23, 2005	12:11	—	23.85	7.37
September 1, 2005	—	—	—	—
September 6, 2005	—	—	—	—
September 22, 2005	12:09	7.64	23.66	7.03
October 4, 2005	12:42	8.38	20.88	16.07
October 20, 2005	11:44	7.88	16.21	8.64
November 21, 2005	11:34	7.86	10.08	10.25
2006				
February 16, 2006	10:18	8.30	4.09	15.65

February 28, 2006	11:42	8.25	2.75	15.41
March 28, 2006	11:25	8.61	6.85	18.53
April 19, 2006	10:25	8.18	11.80	13.51
April 25, 2006	11:21	7.74	12.24	8.08
May 3, 2006	10:15	7.94	13.72	11.63
June 22, 2006	10:26	8.23	21.73	13.04
July 13, 2006	10:13	7.54	19.91	8.75
July 25, 2006	11:45	8.17	25.26	11.52
August 8, 2006	11:35	7.88	24.11	5.90
August 22, 2006	11:25	7.96	23.95	8.66
August 30, 2006	12:15	7.52	21.70	5.91
September 7, 2006	12:00	7.52	21.10	7.23
September 13, 2006	11:55	7.66	19.76	8.64
September 19, 2006	11:37	7.78	22.49	9.37
September 26, 2006	12:03	8.25	19.96	15.80
October 3, 2006	12:08	7.94	18.60	8.52
October 31, 2006	12:22	7.71	11.98	8.78
November 15, 2006	12:28	7.53	13.09	7.98
November 28, 2006	12:42	7.50	10.40	8.28
December 12, 2006	12:22	7.67	7.15	10.41
2007				
January 23, 2007	12:33	7.68	4.54	9.54
May 1, 2007	12:07	7.91	11.00	15.86
Boat engine failure - 5/18/07				
September 5, 2007	12:12	7.72	22.79	8.74
September 27, 2007	12:41	7.88	22.08	9.30
October 2, 2007	12:00	7.46	20.12	7.84
October 16, 2007	12:16	7.46	17.70	7.31
November 1, 2007	12:07	7.47	14.58	8.16
December 11, 2007	11:34	—	5.77	9.21
December 20, 2007	11:57	—	4.54	11.17
2008				
January 8, 2008	11:44	—	5.01	10.77
February 7, 2008	12:25	7.81	4.87	10.55
March 11, 2008	12:05	7.83	4.69	11.76
April 8, 2008	12:46	7.88	7.94	10.64
May 28, 2008	12:14	8.03	13.84	10.02
June 3, 2008	11:43	8.02	16.09	10.66
June 17, 2008	12:00	8.19	21.65	10.54
June 24, 2008	12:29	8.09	22.37	10.03
July 15, 2008	12:21	7.70	23.95	5.47
August 5, 2008	10:54	7.44	22.63	5.58
September 4, 2008	12:19	8.31	24.41	15.08
September 10, 2008	11:56	7.32	23.32	4.02
September 16, 2008	11:33	7.45	22.11	3.86
October 7, 2008	11:23	—	17.01	5.40
December 3, 2008	12:01	7.37	6.31	9.84
2009				
February 10, 2009	10:23	7.71	2.86	13.39
April 30, 2009	13:01	7.76	12.16	—

May 7, 2009		11:49	7.28		13.99		—
June 4, 2009		10:22	7.58		18.05		—
June 16, 2009		11:10	8.17		20.31		11.04
June 24, 2009		10:32	7.73		19.75		7.56
July 7, 2009		11:30	8.03		22.34		12.62
July 14, 2009		12:06	7.48		21.44		8.85
July 28, 2009		10:32	—	NAPEFAI/EQF	23.60		7.87
August 4, 2009		10:35	—	NAPEFAI/EQF	24.94		7.52
August 18, 2009		11:36	—	NAPEFAI/EQF	23.96		—
September 1, 2009		10:31	—	NAPEFAI/EQF	27.67		—
September 15, 2009		10:21	—	NAPEFAI/EQF	20.66		—
September 22, 2009		10:21	—	NAPEFAI/EQF	20.53		—
October 19, 2009		12:23	—	NAPEFAI/EQF	11.69		—
November 9, 2009		11:31	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 8, 2009		11:45	7.88		8.11		9.29
2010							
April 13, 2010		11:33	8.27		11.27		17.03
May 13, 2010		11:36	8.00		11.97		9.73
May 20, 2010		12:00	7.84		12.27		10.36
May 26, 2010	A	11:28	8.10		17.87		10.17
May 26, 2010	B	11:28	—	NA	—	NA	—
June 8, 2010		11:37	8.25		20.58		10.72
June 14, 2010		11:45	7.62		21.12		5.80
June 24, 2010		11:33	8.10		23.11		10.78
July 15, 2010		11:35	7.60		23.54		5.13
July 20, 2010		11:18	7.97		26.70		8.15
July 27, 2010	A	11:46	7.98		25.52		9.17
July 27, 2010	B	11:46	—	NA	—	NA	—
August 3, 2010		11:24	7.62		24.73		4.46
August 10, 2010		11:53	7.86		25.86		6.91
August 17, 2010		11:18	7.71		24.34		7.19
August 31, 2010		11:34	8.42		24.87		15.45
September 8, 2010		11:25	8.28		23.26		9.94
September 14, 2010		11:33	8.05		19.88		9.28
September 21, 2010		10:23	8.07		20.04		11.24
September 29, 2010		11:45	7.74		21.34		6.62
October 6, 2010		11:57	7.58		17.49		8.05
2011							
January 5, 2011		11:48	8.07		2.45		12.61
February 17, 2011		11:36	7.94		2.90		20.36
March 9, 2011		10:45	7.58		4.25		13.60
April 11, 2011		11:37	7.85		8.15		12.54
May 10, 2011		12:19	7.41		13.30		12.09
May 25, 2011		12:14	7.95		19.81		9.57
June 7, 2011		11:45	8.16		18.72		10.29
June 28, 2011		12:10	8.38		25.54		12.54
July 6, 2011		11:55	7.95		22.45		9.42
July 13, 2011		11:23	8.05		24.07		8.46
July 28, 2011		11:35	8.05		25.95		7.66
August 9, 2011		12:15	7.82		25.38		5.49

August 17, 2011		11:50	7.66		24.43		4.94
August 24, 2011	A	11:35	7.76		23.27		7.51
August 24, 2011	B	11:35	—	NA	—	NA	—
September 14, 2011		11:58	7.62		22.64		6.58
September 21, 2011		11:51	7.55		19.36		6.58
September 29, 2011		10:50	7.88		21.06		8.17
October 25, 2011		11:59	7.66		15.63		6.73
November 2, 2011		11:53	7.66		11.80		8.42
December 20, 2011		11:42	7.82		7.27		9.92
2012							
January 11, 2012		10:30	7.85		6.31		11.12
February 8, 2012		11:58	7.97		6.30		11.28
March 7, 2012	A	12:03	8.52		5.99		16.74
March 7, 2012	B	12:03	—	NA	—	NA	—
April 19, 2012		12:18	8.11		14.26		11.33
May 10, 2012	A	12:12	7.72		14.11		8.46
May 10, 2012	B	12:12	—	NA	—	NA	—
May 17, 2012		11:35	8.27		17.34		13.02
May 23, 2012		11:20	8.61		19.56		13.25
June 6, 2012		10:03	—	NAPEFAI/EQF	18.54		6.96
June 14, 2012		11:28	—	NAPEFAI/EQF	20.94		6.16
June 20, 2012		10:04	—	NAPEFAI/EQF	23.13		5.49
June 28, 2012		11:35	—	NAPEFAI/EQF	22.50		4.62
July 12, 2012		11:45	8.30		25.92		9.20
July 24, 2012		11:41	8.46		25.92		9.56
July 31, 2012		10:04	7.93		24.96		8.71
August 22, 2012	A	11:25	7.73		24.60		6.36
August 22, 2012	B	11:25	—	NA	—	NA	—
September 11, 2012		12:05	7.74		23.18		6.28
September 19, 2012	A	11:54	7.75		21.36		6.55
September 19, 2012	B	11:54	—	NA	—	NA	—
October 18, 2012		09:58	7.78		15.26		6.44
November 29, 2012		10:13	7.87		6.95		10.14
December 5, 2012		10:43	7.91		9.14		10.89
2013							
January 8, 2013		10:19	7.95		4.59		11.98
February 6, 2013		10:33	8.14		2.34		13.63
March 13, 2013		09:57	8.67		5.66		12.52
May 2, 2013		12:10	8.24		13.46		12.98
May 15, 2013		11:28	7.81		14.18		8.56
May 21, 2013		11:18	8.03		15.92		10.26
June 4, 2013		11:15	8.19		18.11		10.50
June 19, 2013		11:50	8.78		21.01		17.56
June 26, 2013		12:04	8.24		21.41		11.82
July 11, 2013		11:20	8.45		22.82		11.95
July 30, 2013		12:04	9.15		23.80		9.32
August 15, 2013		11:34	8.29		22.64		9.80
August 21, 2013	A	12:16	7.91		22.72		6.36
August 21, 2013	B	12:16	—	NA	—	NA	—
September 11, 2013	A	11:48	7.70		21.72		6.79

September 11, 2013	B	11:48	—	NA	—	NA	—
September 24, 2013		11:38	7.86		17.68		8.76
October 2, 2013		11:44	8.07		18.97		9.77
November 20, 2013		12:13	7.34		7.96		10.57
December 4, 2013	A	12:15	7.66		6.45		10.83
December 4, 2013	B	12:15	—	NA	—	NA	—
2014							
January 16, 2014		12:02	7.38		3.32		12.28
March 10, 2014		12:16	7.68		2.02		13.82
April 9, 2014		11:52	7.76		7.21		16.07
May 7, 2014	A	11:50	7.42		12.46		14.94
May 7, 2014	B	11:50	—	NA	—	NA	—
May 12, 2014		11:49	7.62		16.04		16.94
June 17, 2014		11:51	8.08		20.99		12.86
June 25, 2014		11:48	8.15		22.99		11.67
July 9, 2014		11:53	8.14		23.13		14.56
July 30, 2014		11:34	7.70		21.75		6.61
August 14, 2014		11:40	7.56		21.47		6.56
August 26, 2014		10:26	8.27		22.06		14.95
October 2, 2014		11:34	7.44		19.67		7.53
December 4, 2014		11:43	7.76		7.04		11.01

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	90.3	22.2	5	15
[redacted]				
	142.0	26.5	4	26
	123.4	21.1	—	27
	199.0	—	3	23
	50.6	—	4	24
	—	—	4	22
	45.0	—	—	18
	58.0	—	2	22
	72.4	—	5	12
	112.3	25.43	3	51
	107.3	23.48	3	23
	140.0	23.70	3	51
	154.6	21.84	3	21
	88.4	24.63	4.5	24
	109.9	20.86	6	14
	87.5	21.40	3	20
	125.9	24.06	4	15
	78.3	22.5	3	24
	86.5	23.3	9	16
	87.1	25.70	9	14
	94.0	19.89	6	14
[redacted]				
	139.2	21.70	3	27
	172.0	17.12	—	16
	120.6	22.12	3	15
	158.4	24.78	1	16
	155.1	23.63	2.5	25
	176.4	25.54	3.5	30
	132.4	24.47	6	38
	193.3	29.14	3	30
	90.2	31.09	3	17
	99.1	31.91	1	36
	151.4	27.44	3	25
	104.8	27.67	3	24
	70.1	27.00	4	36
	111.3	27.67	2	17
	87.3	—	6	28
	—	—	—	44
	—	—	—	37
	100.0	32.55	5	19
	213.8	28.93	2	24
	100.9	22.65	8	11
	106.5	24.84	7	40
[redacted]				
	142.4	25.96	3	24

	138.1		30.01		3		26
	180.6		26.06		3		32
	147.5		26.87		4		27
	87.7		24.32		2		22
	127.7		23.58		3		24
	177.7		30.57		4		25
	112.1		27.79		—		32
	163.5		26.79		—		23
	82.2		27.60		4		26
	121.9		29.53		3		24
	79.9		29.69		5		24
	96.5		29.65		3		38
	114.4		33.07		3		36
	127.1		24.65		3		26
	205.4		28.33		4		32
	108.7		29.89		3		24
	93.3		20.79		7		44
	85.6		19.40		5		12
	84.8		21.68		5		36
	101.7		25.48		7		18
	87.3		24.91		—		26
	162.5		19.33		4		21
	120.4		28.80		7		26
	127.3		30.90		8		26
	102.8		28.66		10		29
	91.9		29.70		10		38
	94.8		27.37		8		19
	88.5		27.86		10		22
	104.4		28.43		5		60
	101.6		27.95		10		27
	96.4		23.55		—		36
	99.9		13.34		3		29
	104.5		23.62		3		50
	113.8		26.17		8		26
	127.7		27.29		10		58
	140.0		25.47		4		14
	136.1		28.05		5		27
	76.9		27.93		4		18
	76.8		30.31		8		58
	223.9		29.51		4		25
	56.0		29.48		8		17
	51.4		25.48		8		13
	66.7		29.33		10		21
	94.7		26.09		9		28
	119.7		27.74		4		17
NAPEFAI/EQF	—	NAPEFAI/EQF	28.27		—	NAP	29	J-QC/FFB

NAPEFAI/EQF	—	NAPEFAI/EQF	22.72		3		22	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	25.60		6		30	
	137.0		19.29		3		18	J-QC/FFB
	93.7		21.30		7		12	J-QC/FFB
	166.0		22.88		3		60	J-QC/FFB
	117.2		26.75		4		41	
	107.3		25.31		5		20	
	103.3		21.85		5		12	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	27.30		3		17	
NAPEFAI/EQF	—	NAPEFAI/EQF	24.82		6		18	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	28.64		8		61	
NAPEFAI/EQF	—	NAPEFAI/EQF	27.01		>10	L	18	
NAPEFAI/EQF	—	NAPEFAI/EQF	29.72		4		25	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	3		18	J-QC/FFD/RPO
	95.4		29.77		5		30	
[redacted]								
	176.8		20.86		4		46	
	105.2		24.26		3		62	J-QC/FFB
	114.3		26.12		3		59	
	124.6		24.73		3		84	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	56	J-QC/FFD/RPO
	139.8		26.88		3		52	
	75.1		26.35		4		48	
	146.9		26.65		3		54	
	70.4		27.35		2		23	J-QC/FFD/FLDRPO
	130.4		26.97		3		26	
	133.8		27.53		3		60	
NA	—	NA	—	NA	—	NA	62	
	62.8		27.85		5		54	
	99.8		28.04		2		21	
	102.8		30.22		4		60	
	217.7		—	NAPEFAI/EQF	4		60	
	135.6		26.84		3		64	J-QC/FLD/RPO
	118.7		28.34		5		54	
	142.9		27.46		4		59	
	89.2		27.28		5		54	
	94.7		23.18		4		25	
[redacted]								
	111.8		27.92		4		51	J-QC/FFD/FLDRPO
	181.7		27.21		3		20	
	117.3		17.08		—	NAP	56	
	124.3		23.26		5		26	
	131.9		20.54		5		60	
	116.2		15.82		5		48	
	127.7		24.18		5		59	
	172.3		20.72		2		22	
	125.5		24.85		3		18	
	116.1		24.74		5		24	
	109.4		25.78		3		61	
	78.1		27.87		4		70	

	67.6		25.42		5		60	
	97.6		24.37		5		61	
NA	—	NA	—	NA	—	NA	60	
	82.5		13.42		7		33	
	78.9		16.41		5		48	
	104.7		22.40		6		40	
	78.0		23.63		3		24	
	89.4		22.00		3		60	J-QC/FFD/RPO
	95.5		22.88		3		70	
[redacted]								
	107.4		26.65		3		70	
	109.4		27.01		4		65	
	160.4		26.51		3		85	
NA	—	NA	—	NA	—	NA	74	
	131.4		27.77		4		170	
	98.4		26.85		4		62	
NA	—	NA	—	NA	—	NA	68	
	158.2		24.91		4		62	
	165.6		22.83		3		56	
	87.2		27.52		7		66	
	80.2		25.49		5		60	J-QC/FFD/RPO
	73.6		23.58		4		57	
	61.3		23.52		5		25	
	130.7		25.48		4		48	
	118.4		25.50		7		26	J-QC/FLD/RPO
	123.0		27.09		3.5		62	
	89.7		28.67		4		70	J-QC/FFB
NA	—	NA	—	NA	—	NA	66	J-QC/FFB
	86.1		28.06		5		65	
	87.9		29.33		2.5		78	
NA	—	NA	—	NA	—	NA	62	
	77.8		31.47		6		28	
	102.4		31.12		5		56	
	112.9		27.50		5		56	
[redacted]								
	111.8		27.79		5		62	
	118.2		25.46		2		62	
	119.7		27.36		1		26	J-QC/FFD/FLDRPO
	147.0		26.45		3		37	
	100.1		29.20		2		44	
	120.6		24.76		4		60	
	130.1		26.26		7		62	
	224.5		17.75		5		54	
	155.5		25.87		—	A	48	
	161.9		26.73		2		62	
	128.7		26.51		3		70	
	134.4		29.13		3.5		60	J-QC/FFB
	88.4		31.03		2		71	
NA	—	NA	—	NA	—	NA	62	
	91.7		28.83		1		75	

NA	—	NA	—	NA	—	NA	76	
	109.7		29.20		1		64	
	124.7		28.40		7		76	
	110.0		32.34		4		26	
	104.2		25.55		3		56	
NA	—	NA	—	NA	—	NA	52	
	107.0		22.25		1		54	J-QC
	121.6		28.38		4		53	J-QC/FLD/RPO
	153.7		20.25		3		54	
	157.6		—	A	4		36	J-QC/FFB
NA	—	NA	—	NA	—	NA	36	J-QC/FFB
	198.2		21.31		1		40	J-QC/FFB/FLDRPO
	167.1		24.47		3		49	
	156.8		24.45		4		14	
	200.8		27.84		2		64	
	88.5		27.76		3		42	
	88.8		30.61		2		44	
	204.9		30.57		4		46	
	97.1		29.30		2		36	J-QC
	109.2		27.90		3		47	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.59	5	<0.09	0.040
[redacted]			
0.98	6	<0.19	0.019
0.98	4	<0.19	0.018
0.40	6	<0.19	0.010
0.71	7	<0.19	0.014
3.70	3	<0.19	0.007
2.05	4	<0.19	0.041
3.65	17	<0.19	0.014
1.15	4	<0.19	0.065
3.41	5	<0.19	0.045
2.11	5	<0.19	0.052
2.88	6	<0.19	0.034
2.72	4	<0.19	0.013
0.92	<2	<0.19	0.032
0.86	3	<0.19	0.085
0.87	5	<0.19	0.076
0.67	2	<0.19	0.033
0.74	3	<0.19	0.071
0.61	<2	<0.19	0.057
0.65	8	<0.19	0.048
0.71	8	0.20	0.057
[redacted]			
0.93	4	<0.19	0.024
0.45	<2	<0.19	0.019
0.65	<2	<0.19	0.026
1.00	<2	<0.19	0.026
0.88	<2	<0.19	0.021
1.08	—	<0.27	0.055
0.89	<2	<0.27	0.029
0.73	<2	<0.27	0.013
1.07	<2	<0.27	0.010
5.05	9	<0.27	0.049
1.34	<2	<0.27	0.015
1.30	9	<0.27	0.019
1.04	<2	<0.27	0.036
0.99	<2	<0.27	0.037
0.60	<2	<0.27	0.037
0.97	5	<0.27	0.065
1.20	8	<0.27	0.010
0.72	<2	<0.27	0.061
1.14	5	<0.27	0.038
0.73	<2	<0.27	0.080
<1.00	<2	<0.27	0.040
[redacted]			
0.62	6	<0.27	0.022

0.79		4		<0.27		0.015
1.10		5		<0.27		0.006
1.89		4		<0.295		0.022
1.14		<2		<0.295		0.028
1.45		7		<0.295		0.036
0.99		10		<0.295		0.005
<1.00		—		<0.295		0.008
0.30		3		<0.295		0.006
1.39		4		<0.295		0.004
1.42		7		<0.295		0.009
0.65		<2		<0.295		0.055
0.45		—		<0.295		0.140
0.63		<2		<0.295		—
0.58		—		<0.295		0.111
0.95		—		<0.295		0.041
<1.00		—		<0.295		0.061
0.74		—		<0.295		0.056
0.94		—		<0.295		0.039
0.48		—		—		0.031
0.76		—		<0.295		0.042
0.42		<2		<0.295		0.018
<1.00		—		0.153		0.017
0.61		4		0.047		0.104
0.31		<2		0.064		0.069
0.69		<2		0.278		0.079
0.78		<2		0.214		0.099
<0.30		<2		0.141		0.110
<0.30		<2		0.245		0.048
<0.30		<2		0.142		0.047
0.32		<2		0.336		0.027
0.60		<2		0.345		0.025
1.03		<2		0.315		0.015
<0.30		<2		0.149		0.018
<0.30		<2		0.055		0.025
0.32		<2		<0.017		0.018
<0.30		3		0.050		0.013
<0.30		4		<0.017		<0.007
0.37		<2		0.140		0.017
0.41		<2		0.460		0.045
<0.30		4		<0.017		<0.007
0.37		—		0.266		0.067
0.40		<2		0.225		0.076
<0.30		<2		0.536		0.087
<0.30		<2		0.593		0.057
0.32	BJ-QC/FBK/FFB	4	J-QC/FFB/FLS	<0.018	KJ-QC/FMS	0.022
<0.30	KBJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.099		0.023

0.41	BJ-QC/FBK/FFB	<2	K	0.287		0.039
<0.30	K	<2	KJ-QC/FLS	0.026	J-R	0.031
0.37	J-QC/FFB	6		0.052		0.053
1.03	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.141		0.047
<0.30	KBJ-QC/FBK/FFB	4	J-QC/FLS	0.025	J-R	0.055
0.33	B/FBK	<2	K	<0.018	K	0.023
0.48	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.009
0.80	BJ-QC/FBK/FFBFLDRPO	<2	K	0.046		0.027
0.58	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.005
0.42	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.056		0.036
1.03	BJ-QC/FBK/FFBFLS	3	J-QC/FFB	0.142		0.068
<1.00	KJ-QCJ-HT/FLS/EHT	<2	KJ-QC/FFD/RPOFLS	0.198		0.049
<0.30	KBJ-QC/FBK/FFBFFDRPO	—	NRP	0.137	J-HT/EHT	0.067
0.58	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.173		0.058
<0.60	KBJ-QC/FBK/FFB	<2	K	0.391	J-QC/FFB/FSL	0.075
[redacted]						
0.52	BJ-QCJ-HT/FBK/FFBEHT	6		<0.0175	K	0.0193
0.55	BJ-QC/FBK/FFBFLS	<2	K	0.116		0.0245
0.41	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	0.121		0.0243
0.67	BJ-QC/FBK/FFBFLS	3		0.086	J-QC/FFB	0.0167
0.79	BJ-QC/FBK/FFBFLS	3		0.075	J-QC/FFB	0.0155
0.44	BJ-QCJ-HT/FBK/FFBEHT	4		0.045		<0.0029
2.82	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.131		0.0220
2.22	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.116		0.0539
0.70	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.236		0.0248
0.54	BJ-QCJ-HT/FBK/FFBFLSEHT	4	KJ-QC/FLS	<0.0175	KJ-QC/FSL	0.0349
0.48	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FLS	<0.0175	K	0.0347
0.31	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FLS	<0.0175	K	0.0341
0.51	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	0.220		0.0295
0.53	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.021	J-R	0.0242
0.57	BJ-QCJ-HT/FBK/FFBEHT	4	J-QC/FLS	0.084		0.0401
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	5	J-QC/FLS	0.037		0.0095
0.66	BJ-QC/FBK/FFBFLS	7	J-QC/FLS	<0.0175	KJ-QC/FFD/RPOFMS	0.0041
0.61	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.0175	K	0.0097
0.69	BJ-QC/FBK/FFB	3	J-QC/FFD/RPO	0.042		0.0196
0.66	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.115		0.0299
0.30	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.356		0.0864
[redacted]						
0.57	BJ-QC/FBK/FFBFFDRPOFLS	4	J-QC/FFB	<0.0175	K	0.0272
<0.30	KB-JQC/FBK/FFBFLS	4	J-QC/FFD/RPOFLS	0.05	J-R	0.0217
0.82	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.204		0.0211
0.67	BJ-QC/FBK/FFBFFDRPO	4	J-QC/FLS	<0.0293	K	0.0164
0.56	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	4	J-QC/FLS	0.071		0.0154
1.20	BJ-QC/FBK/FFB	3	J-QC/FLS	<0.0293	K	0.0440
0.59	BJ-QCJ-HT/FBK/FFBEHT	3		<0.0293	KJ-QC/FFD/RPO	0.0097
1.24	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	3	J-QC/FFD/RPO	0.169	J-QC/FFD/RPO	0.0474
0.65	BJ-QC/FBK/FFBFFDRPOFLS	2	J-QC/FLS	0.075		0.0423
0.57	BJ-QCJ-HT/FBK/FFBEHT	4	J-QC/FLS	0.202	J-QC/FFD/RPO	0.0319
0.37	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FFD/RPO	<0.0239	K	0.0201
0.57	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.109		0.0263

0.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.174		0.0571
0.36	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.169	J-QC/FFB	0.0595
0.43	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.136	J-QC/FFB	0.0582
1.17	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.394		0.0467
1.20	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.252		0.0678
0.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.134		0.0424
0.93	BJ-QC/FBK/FFBFLS	<2	K	0.139		0.0278
1.14	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.062	J-QC/FFB	0.0329
0.69	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.255	J-QC/FSL	0.0121
[redacted]						
0.82	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.380		0.0331
0.65	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.370		0.0199
0.67	BJ-QC/FBK/FFB	4		0.202	J-QC/FMS	0.0221
0.83	BJ-QC/FBK/FFB	4		0.196	J-QC/FMS	0.0216
0.54	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.063	J-RJ-QC/FFB	0.0217
—	NAPQNS	<2	K	0.335	J-QC/FMS	0.0406
0.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.324	J-QC/FMS	0.0401
0.51	BJ-QC/FBK/FFBFLS	4	J-QC/FLS	<0.0378	KJ-QC/FMS	0.0265
0.56	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0378	K	0.0070
0.30	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.262		0.0318
0.79	BJ-QCJ-HT/FBK/FFBFLSEHT	4		0.089	J-QC/FMS	0.0167
0.41	BJ-QC/FBK/FFBFLS	9	J-QCJ-HT/FFB/EHT	0.157	J-QC/FFD/RPO	0.0277
0.58	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0378	KJ-QC/FMS	0.0269
0.59	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	<0.0378	KJ-QC/FMS	0.0070
0.52	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	<0.0378	KJ-QC/FMS	0.0085
<0.30	KBJ-QCJ-HT/FBK/FFBEHT	4	J-HT/EHT	<0.0378	KJ-QC/FMS	0.0285
0.41	BJ-QC/FBK/FFBFFDFLDRPOFLS	4	J-QC/FFD/RPO	0.132		0.0374
0.30	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FFD/RPO	0.148		0.0406
0.36	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.127	J-QC/FSL	0.1203
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.137		0.0964
0.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.148		0.0942
0.60	BJ-QC/FBK/FFB	3		0.221		0.0505
—	NA	—	NRP	0.312		0.0490
—	NA	<2	KJ-QC/FLS	0.166	J-QC/FMS	0.0419
[redacted]						
—	NA	<2	KJ-QC/FMS	0.244	J-QC/LLS/FMS	0.0362
—	NA	<2	KJ-QC/FMS	0.194	J/LLS	0.0283
—	NA	4	J-QC/FMS	0.456	J-QC/FSL/FMS	0.0238
—	NA	3		<0.0217	K	0.0239
<0.30	KBJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	0.454	J-QC/FSL/FMS	0.0558
0.58	BJ-QC/FBK/FFBFLS	3	J-QC/FMS	0.187	J-QC/LLS/FMS	0.0400
<0.30	KBJ-QC/FBK/FFBFLS	4	J-QC/FMS	<0.0217	KJ-QC/FSL/FMS	0.0324
1.65	BJ-QCJ-HT/FBK/FFBFLSEHT	9	J-QC/FMS	<0.0217	KJ-QC/FMS	0.0211
0.39	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	5	J-QC/FMS	<0.0217	K	0.0055
0.66	BJ-QCJ-HT/FBK/FFBFLSEHT	5	J-QC/FMS	<0.0911	KJ-QC/FMS	0.0060
0.50	BJ-QC/FBK/FFBFLDRPO	3	J-QC/FMS	<0.0911	K	0.0190
<0.30	KBJ-QCJ-HT/FBK/FFBEHT	3		<0.0911	K	0.0082
0.55	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0271
0.57	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0263
0.31	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0709

1.41	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0456
0.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0477
0.31	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FSL	0.0441
0.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.256	J/LLS	0.0478
0.53	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.239	J/LLS	0.0362
0.59	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.267	J/LLS	0.0346
[redacted]						
1.01	BJ-QC/FBK/FFBFMS	<2	K	0.288	J-QC/LLS/FFB	0.0274
0.69	BJ-QC/FBK/FFBFMS	<2	K	0.264	J/LLS	0.0223
0.72	BJ-QC/FBK/FFBFMS	3		0.028	J-R/LLS	0.0301
0.49	BJ-QC/FBK/FFBFMS	<2	K	0.369	J-QC/LLS/FFB	0.0311
0.61	BJ-QC/FBK/FFBFMS	<2	K	0.352	J-QC/LLS/FFB	0.0308
0.82	BJ-QC/FBK/FFBFLDRPO	3		0.040	J-R/LLS	0.0270
0.78	BJ-QC/FBK/FFBFMS	3		0.040	J-R/LLS	0.0283
0.87	BJ-QC/FBK/FFBFLDRPOFMS	3	J-QC/FLS	0.033	J-R/LLS	0.0057
0.73	BJ-QCJ-HT/FBK/FFBFMS	5		<0.0267	K	0.0085
0.67	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.050	J-RJ-QC/LLS/FSLFMS	0.0249
0.78	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	KJ-QC/FLS	<0.0267	K	0.0253
0.48	BJ-QCJ-HT/FBK/FFBFMS	3		<0.0267	K	0.0143
0.69	BJ-QCJ-HT/FBK/FFB	<2	K	0.062	J/LLS	0.0860
0.55	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	0.030	J-RJ-QC/LLS	0.0571
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.58	0.151	0.21	1.13
	0.37	0.110	0.04	64.6
	0.25	0.125	0.04	63.4
	0.20	0.088	0.04	18.7
	0.84	0.084	0.05	—
	1.46	0.114	0.06	29.2
	0.60	0.143	0.11	7.7
	0.38	0.273	0.10	89.56
	0.78	0.219	0.17	2.73
	0.31	0.354	0.05	54.82
	0.18	0.125	0.07	41.5
	0.22	0.212	0.08	34.64
	—	0.286	0.06	41.95
	0.63	0.123	0.10	11.70
	0.64	0.162	0.11	3.48
	0.44	0.176	0.17	5.07
	0.16	0.117	0.07	31.55
	0.40	0.164	0.14	2.65
	0.48	0.099	0.11	3.06
	0.57	0.137	0.08	5.24
	0.91	0.074	0.12	1.40
	0.18	0.085	0.04	87.11
	0.49	0.062	0.04	43.83
	0.25	0.047	0.04	18.08
	0.21	0.089	0.03	20.71
	0.37	0.060	0.03	67.80
	0.23	0.095	—	—
	0.33	0.096	0.04	—
	0.20	0.081	0.04	—
	0.99	0.130	0.07	—
	0.27	0.151	0.14	—
	0.36	0.145	0.09	—
	0.45	0.158	0.08	—
	0.28	0.152	0.13	—
	0.16	0.185	0.12	—
	0.23	0.096	0.11	—
	0.17	0.168	0.12	—
	0.09	0.143	0.08	—
	0.34	0.167	0.14	—
	0.21	0.183	0.07	—
	0.52	0.130	0.13	—
	0.55	0.110	0.10	—
	0.58	0.058	<0.01	—

	0.19	0.054	0.03		—
	0.75	0.088	0.03		—
	0.21	0.076	0.03		—
	0.27	0.160	0.25		—
	0.32	0.147	0.07		—
	0.08	0.112	0.02		—
	0.17	0.111	—		—
	0.31	0.156	0.11		—
	0.21	0.128	0.07		—
	0.69	0.240	0.09		—
	0.37	0.141	0.13		—
	0.57	0.125	0.10		—
	0.39	0.133	0.11		—
	4.61	0.118	0.10		—
	1.04	0.145	0.05		—
	0.18	0.147	0.10		—
	0.38	0.087	0.11		—
	0.73	0.114	0.11		—
	0.45	0.091	0.10		—
	0.35	0.102	0.10		—
	0.626	0.091	0.08		7.2
	0.261	0.027	0.03		98.2
	0.413	0.108	0.07		4.5
	0.357	0.16	0.10		10.5
	0.457	0.23	0.15		5.5
	0.499	0.16	0.18		4.6
	0.593	0.17	0.15		<3.0
	0.502	0.15	0.09		<3.0
	0.563	0.39	0.09		<3.0
	0.785	0.09	0.07		<1.1
	0.349	0.08	0.06		2.3
	0.574	0.08	0.08		<1.1
	0.329	0.04	0.06		4.4
	0.309	<0.01	0.04		9.4
	0.273	0.04	<0.01		2.7
J-R	0.922	0.05	0.02		10.2
	0.855	0.08	0.05		19.3
	0.300	0.15	0.08		16.7
	0.341	0.12	0.10		8.1
	0.495	0.10	0.07		3.8
	0.561	0.16	0.15		2.5
	0.362	0.15	0.14		2.5
	1.09	0.14	0.12		<2.4
	0.603	0.10	0.10		<2.4
J-QC/FFB	0.848	<0.05	K	<0.05	K 4.1
	0.674	0.09		0.06	J-QC/FFD/RPO 3.8

	0.611		0.09		0.06		<2.4
	0.412		0.06		<0.05	K	1.5
	0.330	J-QC/FFB	0.11	J-QC/FFD/RPO	0.07		—
	0.321		0.09		0.10		6.4
	1.41		0.08		0.06		21.6
J-HT/EHT	1.77		0.09	J-QC/FFD/RPO	0.08		19.8
	0.858		0.11	J-QC/FFB/FFDRPO	<0.05	K	14.5
	0.745	J-QC/FFB	0.17		0.10		6.9
J-RJ-QC/FFB	2.08		0.12		0.09		19.3
	0.290	J-QC/FFB	—	NAP	—	NAP	5.1
	1.01		0.06		0.14		2.9
	0.440		0.14		<0.05	K	5.4
J-HT/EHT	0.559	J-QCJ-HT/FFB/EHT	0.11	J-QC/FFD/RPO	0.11	J-QC/FFD/RPO	2.8
J-QC/FFB	0.501	J-QC/FFB	0.16		0.10		4.0
J-QC/FFB	0.547		0.10		0.10		0.9
[redacted]							
	1.07	J-QC/FFB	0.07		<0.05	K	4.5
	0.099		0.07		<0.05	K	—
	0.0355	J-R	0.08		0.07		7.2
	0.943		0.08		0.05	J-QC/FFD/FLDRPO	34.2
	0.907		0.07		<0.05	KJ-QC/FFD/FLDRPO	35.2
K	0.264	J-QC/FLS	0.07		<0.05	K	29.1
J-QC/FFB	0.060		0.12	J-QC/FFB	0.08		1.9
	<0.0301	K	0.13	J-QC/FFB	0.05	J-QC/FFB/FFDRPO	17.8
	0.126		0.18		0.10		4.2
	0.098		0.16		0.10	J-QC/FLD/RPOFLS	11.0
	0.1046		0.16		0.11		20.9
	0.1286		0.15		0.11		20.3
	0.306		0.24		0.17		6.3
J-QC/FFB	0.062		0.14		0.11		8.5
	0.300		0.14		0.11		5.8
J-R	0.876		1.33		0.60		31.8
J-R	<0.0301	K	0.18	J-QC/FFB	0.11		19.2
J-R	0.887		0.10	J-QC/FLS	0.07		4.8
	1.07	J-QC/FFD/RPO	0.14		0.08		26.3
	0.182		0.18		0.12		3.1
	0.481		0.23	J-QC/FFD/RPO	0.17		2.7
[redacted]							
J-QC/FFB	0.4100		0.06		0.05		15.6
	0.6490	J-QC/FLS	0.04	J-R	0.05	J-QC/FLS	37.6
	0.3902		0.07	J-QC/FFB/FFDRPO	0.05		15.3
	0.3878		0.07	J-QC/FFB	<0.02	K	45.6
	0.1097	J-QC/FFB/FFDRPO	0.06		0.03	J-RJ-QC/FFD/RPO	39.0
J-QC/FFD/RPO	0.3931		0.10		0.07		24.0
J-QC/FFB	0.0560		0.07	J-QC/FFB	0.03	J-R	26.3
	<0.0267	K	0.04	J-RJ-QC/FLD/RPO	0.06	J-QC/FFB	16.5
J-QC/FFB	0.1631		0.09		0.07		19.9
J-QC/FFB	<0.0267	K	0.11		0.06		30.0
J-QC/FFB	1.1729	J-QC/FFD/RPO	0.17		0.12		28.4
	0.1119	J-QC/FFB	0.16	J-QC/FFB	0.11		10.0

	0.2114		0.16		0.12		9.3
	0.3039	J-QC/FFB	0.18		0.13	J-QC/FFB	11.5
	0.3097	J-QC/FFB	0.18		0.12	J-QC/FFB	14.5
	0.3745	J-QC/FFD/RPO	0.09		0.09	J-QC/FFB/FFDRPO	15.6
	0.5797		0.09		0.11		79.2
J-QC/FFB/FFDRPO	0.2705		0.10		0.08		18.8
	0.3680		0.13	J-QC/FFB	0.08		2.66
	0.2561		0.12		0.10		2.17
J-QC/FFB	0.5309		0.09		0.08		2.19
[redacted]							
J-QC/FFB	0.2978		0.06	J-QC/FFB	0.06		46.1
J-QC/FFB	0.5527	J-QC/FFB	0.06		0.04	J-R	52.2
	0.6768	J-QC/FFB	0.10		<0.01	K	41.1
	0.8168	J-QC/FFB	0.10		0.08		40.3
J-QC/FFB	1.4405	J-QC/FFB	0.08		0.03	J-R	3.40
J-QC/FFB	0.8155		0.12	J-QC/FFD/RPO	0.09		8.82
J-QC/FFB	0.9587		0.08	J-QC/FFD/RPO	0.07		9.54
J-QC/FFB	0.5319		0.09		0.06		48.1
J-QC/FFB	0.4013		0.08		0.06		30.5
J-QCJ-HT/FFB/EHT	0.3385		0.10		0.06	J-QC/FFD/RPO	3.10
J-QC/FFB	0.9903		0.09		0.04	J-R	84.0
	0.5735	J-HT/EHT	0.09		0.06		39.1
	0.2543	J-QC/FLS	0.12		0.10		17.05
J-QC/FFB	0.0291		0.09	J-QC/FFD/RPO	0.08		42.9
	0.8711		0.12		0.09		27.6
	0.3319		0.13		0.09		19.7
J-QC/FFB	0.2551	J-QC/FFD/RPO	0.16		0.12		9.34
J-QC/FFB	0.3477	J-QC/FFD/RPO	0.13		0.11		11.6
	0.3389		0.18		0.15		14.2
J-QC/FFB	0.4134		0.14		0.15		6.96
J-QC/FFB	0.4251		0.15		0.13		6.06
J-QC/FFB	0.4043		0.14		0.13		2.24
J-QC/FFB	1.0471		0.10		0.08		6.67
J-QCJ-HT/FFB/EHT	0.7469	J-QC/FFD/RPO	0.11		0.09		9.91
[redacted]							
[redacted]	0.2653	[redacted]	0.14		0.11	J-QC/FLD/RPO	11.5
J-QC/FFB	0.4676	J-HT/EHT	0.11	J-QC	0.06	J-QC	28.6
J-QC/FFB	0.5844	J-QC/FFB	0.09	J-QC	0.05	J-QC	27.7
J-QC/FFB	0.6493	[redacted]	0.05	J-QC/FFD/RPO	0.05	J-QC	23.0
[redacted]	0.8865		0.08		0.06		2.93
J-QC/FFB	1.0300		0.07		0.05		5.09
[redacted]	1.0473		<0.01	K	0.03	J-R	8.37
J-QC/FFD/RPO	0.5907		0.12		0.09	J-QC	87.9
J/LLS	1.6391		0.07		0.04	J-R	8.25
J/LLS	0.4715		0.06	J-QC	0.03	J-RJ-QC	46.0
[redacted]	0.2874		0.08		0.03	J-R	22.6
J-QC/LLS/FFDRPO	0.0745		0.09	J-QC/FLD/RPO	0.07	J-QC/FLD/RPO	44.4
[redacted]	0.1442	J-QC/FFB/FLS	0.12		0.09		7.15
	0.1293	J-QC/FFB/FLS	0.13		0.09		7.91
J-QC/FFB/FFDRPO	0.4197	J-QC/FFB/FFDRPO	0.15	J-QC/FFD/RPO	0.13	J-QC/FFD/RPO	16.7

J-QC/FFB/FFDRPO	1.0787	J-QC/FFB/FFDRPO	0.21	J-QC/FFD/RPO	0.19	J-QC/FFD/RPO	9.55
[redacted]	0.6848	[redacted]	0.10		0.08		15.6
J-QC/FFB	0.2601		0.14	J-QC	0.07	J-QC	17.2
J-QC/FFB	0.4686	J-QC/FLS	0.12	J-QC	0.09	J-QC	1.98
[redacted]	0.5105	[redacted]	0.12		0.08		15.9
	0.4606		0.12		0.09		14.2
[redacted]							
J-QC/FFB	0.3952	J-QC/FLS	0.07		0.06		5.16
	0.1730		0.06		0.02	J-R/LLS	3.61
J-QC/FFB	0.3076	J-QC/FLS	0.09		0.07		5.28
	0.4043		0.09	J-QC/FFB	0.06	J-QC/FFB	3.73
	0.3712		0.08	J-QC/FFB	0.06	J-QC/FFB	4.18
J-QC/FFB	0.1726	J-QCJ-HT	0.07		0.05		2.96
J-QC/FFB	0.1042		0.07	J-QC/FMS	0.02	J-R/LLS	44.8
J-QC/LLS/FFB	—	NRP/LBF	0.05		0.02	J-R/LLS	25.2
J-QCJ-HT/LLS/FFB	0.0298	J-QC/FLS	0.10	J-QC/FFB	0.03	J-R/LLS	45.4
	0.1968	J-QC/FLS	0.09		0.07		4.44
	0.1640		0.11		0.08		9.15
J-QC/FFB	0.0446		0.11		0.03	J-R/LLS	9.74
J-QC/FFB	0.4736		0.19		0.15		13.2
J-QC	0.4996		0.13		0.10		1.65
[redacted]							

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	1.3	0.00	0.00
[redacted]			
	1.6	0.00	0.00
	1.9	1.09	1.53
	1.5	0.18	0.18
	2.4	0.00	0.00
	1.3	0.00	0.00
	<0.5	0.00	0.00
	5.1	0.00	0.00
	0.8	0.00	0.09
	3.2	0.00	0.00
	5.7	0.00	0.39
	8.1	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	5.0	0.00	0.00
	0.7	0.08	0.61
	<0.5	0.00	0.00
	5.4	0.00	0.00
	2.3	0.00	0.00
	3.6	0.00	0.01
	4.1	0.21	0.24
[redacted]			
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.29
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	—	0.00	0.00
	<0.5	0.00	0.00
	3.4	0.00	0.66
	1.1	0.00	0.95
	3.2	0.00	0.00
	2.6	0.04	0.04
	—	0.00	0.00
	6.3	0.01	0.01
	3.1	0.00	0.00
	2.1	0.00	0.00
	2.5	0.00	0.03
	2.7	0.00	0.00
	12.0	0.00	0.00
	3.2	0.00	0.00
	2.3	0.00	0.00
	7.2	0.48	0.48
[redacted]			
	4.4	0.00	0.00

	4.4		0.00	0.00
	2.7		0.00	0.00
	4.7		0.00	0.00
	3.4		0.01	0.48
	7.3		0.00	0.00
	2.4		0.00	0.00
	—		0.00	1.56
	8.4		0.00	0.00
	7.9		0.00	0.00
	4.8		0.00	0.00
	4.5		0.27	0.84
	3.3		0.00	0.02
	5.4		0.00	0.00
	2.8		0.00	0.00
	2.8		0.00	0.00
	2.6		0.00	0.00
	1.4		0.00	0.00
	1.2		0.00	0.04
	1.0		0.00	0.00
	1.3		0.00	0.00
	0.7		0.00	0.00
	<0.5		0.42	0.42
	2.7		0.00	0.00
	4.4		0.00	0.00
	5.2		0.00	0.00
	4.7		0.00	0.00
	4.9		0.00	0.00
	2.3		0.01	0.09
	2.3		0.00	0.06
	1.1		0.00	0.00
J-R	1.5		0.05	0.10
	3.8		0.00	0.00
	3.2		0.00	0.00
	3.6		0.00	0.14
J-R	4.6		0.00	0.00
	4.3		0.00	0.04
	4.4		0.14	0.15
	4.8		0.00	0.80
	4.5		0.00	0.00
J-R	5.1		0.00	0.00
J-R	2.9		0.00	0.71
	2.5		0.00	0.00
	2.0		0.00	0.00
	2.8		0.00	0.00
J-R	4.0	J-QC/FFB	0.00	0.00
J-R	3.8	J-QC/FFB	0.00	0.00

KJ-QC/FFD/RPO	4.2		1.47	2.10
J-R	3.6		0.92	1.35
NAPQNS	3.9	J-QC/FFB/FFDRPO	0.01	0.68
	2.8		0.43	0.43
	4.4	J-QC/FFB	0.08	0.08
	4.4		0.00	0.00
	4.1	J-QC/FFB	0.00	0.15
	4.2	J-QC/FFB	0.00	0.00
	4.1		1.13	1.13
	—	NAP	0.00	0.00
J-QC/FFD/RPO	3.7	J-QC/FFB	0.00	0.00
	3.5	J-QC/FFB	0.00	0.00
	3.0		0.00	0.30
	3.0	J-QC/FFB	0.00	0.00
J-R	3.2	J-QC/FFB	0.00	0.00
[redacted]				
	3.80		0.00	0.00
NAPQNS	3.10	J-QC/FFB	0.00	0.47
J-QC/FFD/RPO	3.30		0.00	0.01
	4.29	J-QC/FFB	0.00	0.00
	4.09	J-QC/FFB	0.00	0.00
J-QC/FSL	3.46	J-QC/FFB	0.00	0.00
J-RJ-QC/FFD/RPO	3.76	J-QC/FFB	0.00	0.18
	3.87	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	2.70	J-QC/FFB	0.00	1.69
J-QC/FSL	3.20	J-QC/FFB	0.00	0.05
	3.30	J-QC/FFB	0.00	0.00
	3.10	J-QC/FFB	0.00	0.00
	3.70	J-QC/FFB	0.00	0.00
	3.70	J-QC/FFB	0.00	0.00
	3.30	J-QC/FFB	0.00	1.24
J-QC/FFD/RPO	3.40	J-QC/FFB	0.00	0.00
	4.30	J-QC/FFB	0.00	0.00
	3.40	BJ-QC/FBK/FFB	0.00	0.93
	3.60	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.00	J-QC/FFB	0.00	0.16
	2.30		0.00	0.01
[redacted]				
	3.7		0.00	0.00
	3.7	J-QC/FFB	0.00	0.00
	4.2		0.00	0.00
J-QC/FFD/RPO	3.3	J-QC/FFB	0.04	0.04
	2.3	BJ-QC/FBK/FFB	0.00	0.00
	2.9		0.00	0.00
	2.5	J-QC/FFB	0.00	0.00
	3.5	J-QC/FFB	0.00	0.00
	5.9	J-QC/FFB	0.00	0.00
	3.5	J-QC/FFB	0.17	0.17
	3.7	J-QC/FFB	0.00	0.00
	3.5	J-QC/FFB	1.32	1.32

J-QC/FFD/RPO	3.3	J-QC/FFB	0.00	0.22
	4.8	J-QC/FFB	0.00	0.00
	3.7	J-QC/FFB	0.00	0.00
	4.1	J-QC/FFB	0.00	0.00
	4.5	J-QC/FFB	0.08	0.12
	3.5	J-QC/FFB	1.52	1.59
	3.0		0.00	0.00
	2.5	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	2.8	J-QC/FFB/FFDRPO	0.03	0.03
[redacted]				
	2.9		0.14	0.14
	—	NAPEFAI/EQF	0.02	0.02
J-QC/FSL	3.8	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
J-QC/FSL	4.4	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
J-QC/FSL	1.0		0.02	0.02
	1.4	J-QC/FFB	0.21	0.48
	1.6	J-QC/FFB	0.21	0.48
	2.7	J-QC/FFB	0.00	0.18
	2.4	BJ-QC/FBK/FFB	0.40	0.60
	1.3	J-QC/FFB	0.58	0.60
	2.0	B/FBK	0.00	0.93
	2.4	BJ-QC/FBK/FFBFFDRPO	0.00	0.00
	1.6	B/FBK	0.00	0.00
J-QC/FSL	2.5	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.0	J-QC/FFB	0.03	0.07
J-QC/FFD/RPO	3.9	J-QC/FFB	0.00	0.00
J-QC/FSL	2.0	J-QC/FFB	0.00	0.00
J-QC/FSL	2.1	J-QC/FFB	0.00	0.00
	1.3		0.00	0.00
J-QC/FSL	1.0	J-QC/FFD/RPO	0.01	1.01
J-QC/FSL	1.4	J-QC/FFD/RPO	0.01	1.01
J-QC/FFD/RPO	2.5	J-QC/FFB	0.00	0.00
	1.9	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	2.2	J-QC/FFB	0.00	0.02
[redacted]				
[redacted]	2.92	BJ-QC/FBK/FFB	0.00	0.00
	3.16	J-QC/FFB	0.00	0.00
J-QC/FSL	2.97	BJ-QC/FBK/FFB	0.00	0.00
[redacted]	4.7		0.00	0.00
J-QC/FFB	1.9		0.00	0.00
J-QC/FFB	2.3	J-QC	0.00	0.00
[redacted]	2.7		0.00	0.00
J-QC/FFD/RPO	4.3	J-QC/FFD/FLDRPO	0.00	0.00
J-QC/FFD/RPO	2.6		0.00	0.01
J-QC/FFB/FFDRPO	3.4	J-QC/FFB	0.00	0.00
[redacted]	3.6	J-QC	0.00	0.02
J-QC/FFB	3.5	J-QC	0.00	0.00
[redacted]	23.4	J-QC/FFB	0.00	0.00
	21.4	J-QC/FFB	0.00	0.00
J-QC/FFB/FFDRPO	1.3	J-QC/FFD/RPO	0.00	0.00

J-QC/FFB/FFDRPO	3.4	J-QC/FFD/RPO	0.00	0.00
J-QC/FFB	2.0		0.00	0.00
J-QC/FFB	4.09	J-QC/FFB	0.00	0.00
J/LLS	3.92	J-QC/FLD/RPO	0.00	0.00
	3.31		0.00	0.00
	2.78		0.00	0.00
	2.9		0.00	0.07
	1.7		0.00	0.00
	3.3		0.07	0.74
	3.6		0.00	0.00
	3.8		0.00	0.00
	2.4		0.00	0.08
	3.2		0.00	0.00
	3.3		0.02	0.02
	0.9		0.00	0.49
	1.1		0.00	0.00
	2.3		0.00	0.55
	1.5		0.00	0.00
	2.7		0.00	0.00
J/LLS	1.6		0.00	0.08

Station #30 Lower Raritan Bay	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 3, 2003	12:50	6.20	6.8	9.29
2004				
February 26, 2004	12:30	8.69	2.7	14.97
April 13, 2004	12:45	—	7.4	12.74
June 17, 2004	12:20	8.03	19.3	11.91
June 24, 2004	12:25	7.91	19.2	4.08
June 29, 2004	12:40	8.09	18.7	—
July 15, 2004	12:50	7.76	22.4	—
July 22, 2004	11:25	8.25	22.9	—
July 29, 2004	11:35	7.25	—	4.38
August 5, 2004	12:12	7.73	23.89	6.96
August 12, 2004	12:04	6.97	23.13	5.24
August 19, 2004	10:27	8.09	23.03	9.18
August 26, 2004	11:57	8.16	23.10	6.78
September 2, 2004	10:35	7.86	22.48	6.52
September 23, 2004	11:35	8.02	20.44	6.83
September 30, 2004	12:10	7.39	20.04	6.83
October 13, 2004	12:15	8.02	17.34	10.96
October 28, 2004	11:53	7.50	13.1	7.13
November 9, 2004	11:43	—	10.9	8.11
November 23, 2004	11:30	7.63	10.10	8.22
December 9, 2004	11:23	7.90	7.81	9.72
2005				
March 10, 2005	12:51	—	1.90	16.30
April 14, 2005	12:18	—	7.86	13.39
April 28, 2005	11:50	8.08	11.28	11.53
May 4, 2005	12:51	8.17	11.67	13.39
May 16, 2005	10:50	8.04	13.64	11.63
June 9, 2005	11:58	7.74	19.46	9.61
June 14, 2005	12:02	—	19.34	10.03
June 23, 2005	12:13	8.42	20.18	13.63
July 7, 2005	11:51	7.95	23.81	6.81
July 21, 2005	13:13	7.54	24.41	5.20
July 27, 2005	12:17	7.48	24.49	7.29
August 4, 2005	11:39	7.44	24.60	5.22
August 9, 2005	11:30	7.56	24.06	5.14
August 18, 2005	11:41	7.94	24.58	7.59
August 23, 2005	12:13	—	23.58	5.89
September 1, 2005	—	—	—	—
September 6, 2005	—	—	—	—
September 22, 2005	12:11	7.64	23.03	6.52
October 4, 2005	12:44	8.35	20.80	15.28
October 20, 2005	11:46	7.92	16.57	8.74
November 21, 2005	11:36	7.86	9.89	10.08
2006				
February 16, 2006	10:20	8.11	3.85	14.72

February 28, 2006	11:44	8.23	2.74	14.82
March 28, 2006	11:27	8.58	6.61	18.12
April 19, 2006	10:27	8.21	11.80	13.34
April 25, 2006	11:23	7.79	12.15	7.99
May 3, 2006	10:17	7.81	13.83	10.30
June 22, 2006	10:28	7.80	19.68	8.58
July 13, 2006	10:15	7.48	19.80	8.32
July 25, 2006	11:47	8.08	25.07	11.17
August 8, 2006	11:37	7.95	22.80	7.00
August 22, 2006	11:27	7.91	23.76	8.28
August 30, 2006	12:17	7.46	21.65	5.87
September 7, 2006	12:02	7.46	20.89	6.64
September 13, 2006	11:57	7.56	19.84	8.80
September 19, 2006	11:39	7.73	21.82	7.32
September 26, 2006	12:05	8.20	19.78	14.53
October 3, 2006	12:10	7.86	18.41	8.14
October 31, 2006	12:24	7.68	11.53	8.07
November 15, 2006	12:30	7.46	12.92	7.84
November 28, 2006	12:44	7.49	10.62	7.81
December 12, 2006	12:24	7.75	6.99	10.34
2007				
January 23, 2007	12:35	7.72	4.55	9.45
May 1, 2007	12:09	7.85	10.58	15.90
Boat engine failure - 5/18/07				
September 5, 2007	12:10	7.69	22.71	8.70
September 27, 2007	12:37	7.81	21.99	9.40
October 2, 2007	11:57	7.50	20.13	7.43
October 16, 2007	12:14	7.44	17.53	7.18
November 1, 2007	12:04	7.47	14.58	8.16
December 11, 2007	11:32	—	5.75	9.23
December 20, 2007	11:59	—	4.53	11.26
2008				
January 8, 2008	11:42	—	4.99	10.77
February 7, 2008	12:23	7.72	4.87	10.54
March 11, 2008	12:03	7.81	4.84	11.30
April 8, 2008	12:43	7.79	7.47	10.33
May 28, 2008	12:11	8.03	13.47	9.98
June 3, 2008	11:42	8.03	15.88	10.26
June 17, 2008	11:58	7.80	19.92	7.68
June 24, 2008	12:27	7.90	20.83	8.73
July 15, 2008	12:20	7.63	22.91	3.67
August 5, 2008	10:52	7.44	22.43	5.40
September 4, 2008	12:16	7.81	23.05	8.48
September 10, 2008	11:54	7.31	23.16	3.63
September 16, 2008	11:31	7.45	22.01	4.23
October 7, 2008	11:21	—	16.95	5.26
December 3, 2008	11:59	7.37	7.37	9.83
2009				
February 10, 2009	10:21	7.60	3.25	11.80
April 30, 2009	12:59	7.78	12.23	—

May 7, 2009	11:47	7.26		13.23		—
June 4, 2009	10:20	7.59		18.02		—
June 16, 2009	11:08	8.16		20.32		10.99
June 24, 2009	10:31	7.73		19.59		7.36
July 7, 2009	11:28	7.95		21.61		11.10
July 14, 2009	12:03	7.36		21.00		7.79
July 28, 2009	10:29	—	NAPEFAI/EQF	23.61		7.74
August 4, 2009	10:33	—	NAPEFAI/EQF	24.38		4.89
August 18, 2009	11:34	—	NAPEFAI/EQF	23.42		—
September 1, 2009	10:30	—	NAPEFAI/EQF	22.66		—
September 15, 2009	10:18	—	NAPEFAI/EQF	20.59		—
September 22, 2009	10:20	—	NAPEFAI/EQF	20.52		—
October 19, 2009	12:21	—	NAPEFAI/EQF	11.60		—
November 9, 2009	11:32	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—
December 8, 2009	11:42	7.87		8.10		9.28
2010						
April 13, 2010	11:30	8.24		10.14		15.07
May 13, 2010	11:33	8.01		11.82		9.70
May 20, 2010	11:55	7.83		12.33		10.13
May 26, 2010	11:24	8.07		17.43		9.80
June 8, 2010	11:35	8.05		19.36		9.48
June 14, 2010	11:43	7.52		20.58		6.60
June 24, 2010	11:30	8.07		23.40		10.30
July 15, 2010	11:32	7.61		23.26		5.36
July 20, 2010	11:15	7.59		25.52		6.14
July 27, 2010	11:44	7.92		25.16		9.02
August 3, 2010	11:22	7.62		24.45		4.45
August 10, 2010	11:50	7.82		24.86		6.51
August 17, 2010	11:15	7.68		24.32		6.85
August 31, 2010	11:30	8.42		24.46		14.61
September 8, 2010	11:22	8.30		23.27		9.93
September 14, 2010	11:30	8.08		19.59		9.89
September 21, 2010	10:21	8.02		19.93		10.41
September 29, 2010	11:41	7.69		20.44		6.98
October 6, 2010	11:55	7.55		17.50		7.19
2011						
January 5, 2011	11:45	7.96		2.56		11.84
February 17, 2011	11:33	8.01		2.89		17.75
March 9, 2011	10:43	7.67		4.19		13.35
April 11, 2011	11:41	7.88		8.63		13.61
May 10, 2011	12:15	7.37		13.10		11.27
May 25, 2011	12:10	7.75		16.65		8.18
June 7, 2011	11:41	8.10		18.08		9.92
June 28, 2011	12:05	7.95		23.72		9.51
July 6, 2011	11:52	7.74		21.66		7.28
July 13, 2011	11:20	7.85		23.78		7.66
July 28, 2011	11:32	7.78		24.74		4.94
August 9, 2011	12:12	7.83		25.43		5.86
August 17, 2011	11:45	7.52		23.09		5.41
August 24, 2011	11:32	7.65		22.87		6.06

September 14, 2011	11:54	7.58		21.40	5.84
September 21, 2011	11:49	7.48		19.11	4.67
September 29, 2011	10:46	7.83		20.71	7.75
October 25, 2011	11:56	7.62		15.61	6.85
November 2, 2011	11:51	7.64		11.68	8.30
December 20, 2011	11:39	7.76		8.38	9.04
2012					
January 11, 2012	10:27	7.62		7.23	10.40
February 8, 2012	11:55	7.94		6.30	11.93
March 7, 2012	12:00	8.57		5.92	17.44
April 19, 2012	12:16	8.10		13.61	11.90
May 10, 2012	12:08	7.69		14.01	8.51
May 17, 2012	11:30	7.74		15.91	7.46
May 23, 2012	11:15	8.43		18.43	10.47
June 6, 2012	10:00	—	NAPEFAI/EQF	18.43	7.14
June 14, 2012	11:25	—	NAPEFAI/EQF	20.93	6.03
June 20, 2012	10:00	—	NAPEFAI/EQF	21.84	4.76
June 28, 2012	11:30	—	NAPEFAI/EQF	21.26	4.26
July 12, 2012	11:41	8.35		25.70	10.40
July 24, 2012	11:37	8.24		24.45	10.25
July 31, 2012	10:00	7.98		24.89	8.94
August 22, 2012	11:20	7.78		23.33	7.18
September 11, 2012	12:00	7.64		22.50	5.45
September 19, 2012	11:51	7.67		20.65	6.10
October 18, 2012	09:52	7.76		15.21	6.79
November 29, 2012	10:10	7.83		6.97	10.25
December 5, 2012	10:40	7.89		9.13	11.15
2013					
January 8, 2013	10:17	7.95		4.57	12.13
February 6, 2013	10:30	8.12		2.36	13.69
March 13, 2013	09:55	8.60		5.36	11.86
May 2, 2013	12:06	8.21		13.38	12.92
May 15, 2013	11:25	7.70		14.10	8.47
May 21, 2013	11:15	7.96		15.81	10.53
June 4, 2013	11:10	8.06		17.50	9.77
June 19, 2013	11:45	8.60		20.26	13.48
June 26, 2013	12:00	8.06		20.87	9.42
July 11, 2013	11:15	8.36		22.64	11.25
July 30, 2013	12:00	8.04		23.28	8.12
August 15, 2013	11:30	8.15		22.19	8.49
August 21, 2013	12:14	7.91		22.41	6.55
September 11, 2013	11:46	7.72		20.71	6.72
September 24, 2013	11:36	7.77		17.44	8.01
October 2, 2013	11:40	8.06		18.98	9.75
November 20, 2013	12:09	7.76		7.92	10.38
December 4, 2013	12:12	7.57		6.43	10.61
2014					
January 16, 2014	11:59	7.35		3.10	12.47
March 10, 2014	12:14	7.69		1.96	13.55
April 9, 2014	11:49	7.78		6.87	15.76

May 7, 2014	11:47	7.37	11.04	14.63
May 12, 2014	11:44	7.59	10.56	12.94
June 17, 2014	11:47	8.29	19.46	10.45
June 25, 2014	11:45	8.00	21.55	9.01
July 9, 2014	11:50	8.00	20.64	10.43
July 30, 2014	11:30	7.69	21.26	6.51
August 14, 2014	11:36	7.51	20.81	6.30
August 26, 2014	10:21	8.26	21.92	12.28
October 2, 2014	11:30	7.34	19.73	8.02
December 4, 2014	11:40	7.64	6.72	11.18

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	89.2	21.9	—	14
[redacted]				
	131.1	26.6	—	19
	122.0	20.6	—	38
	127.7	—	—	28
	45.3	—	—	14
	—	—	—	24
	—	—	—	15
	—	—	—	28
	49.7	—	—	26
	95.4	25.51	—	34
	70.3	24.34	—	26
	122.8	24.02	—	44
	90.4	22.71	—	28
	86.6	24.64	—	20
	85.5	21.06	—	24
	85.9	22.78	—	16
	129.4	20.95	—	31
	76.9	22.3	—	80
	85.5	23.4	—	18
	86.0	25.71	—	15
	93.4	20.07	—	15
[redacted]				
	136.0	22.10	—	24
	130.4	19.95	—	29
	120.9	22.08	—	16
	144.2	25.20	—	26
	130.1	24.22	—	20
	120.3	25.80	—	26
	128.3	27.50	—	30
	177.9	29.14	—	18
	96.2	31.09	—	46
	74.9	32.55	—	27
	102.4	27.75	—	24
	72.4	28.15	—	21
	71.2	27.01	—	22
	106.2	27.86	—	26
	82.1	29.38	—	30
	—	—	—	49
	—	—	—	38
	91.8	32.94	—	25
	204.1	28.93	—	32
	104.2	24.78	—	16
	104.5	25.09	—	43
[redacted]				
	133.4	25.99	—	31

	134.6		29.95	—	29	
	175.5		26.06	—	48	
	146.1		26.97	—	32	
	86.6		24.30	—	44	
	115.4		23.76	—	24	
	112.9		30.97	—	25	
	107.5		27.95	—	25	
	158.2		26.85	—	17	
	95.2		27.94	—	22	
	116.0		29.55	—	28	
	79.3		29.70	—	24	
	88.4		29.68	—	31	
	117.9		33.90	—	29	
	97.0		25.40	—	21	
	187.6		28.41	—	26	
	103.8		29.98	—	22	
	86.0		23.52	—	42	
	84.1		19.89	—	20	
	81.0		22.52	—	34	
	100.8		25.71	—	21	
	86.5		24.97	—	21	
	162.6		20.31	—	24	
	120.2		28.89	—	32	
	128.7		30.89	—	32	
	96.0		28.66	—	23	
	89.6		29.72	—	35	
	94.9		27.37	—	22	
	88.8		27.87	—	25	
	105.3		28.41	—	56	
	101.9		28.38	—	34	
	96.4		23.52	—	27	
	98.0		15.70	—	30	
	100.5		23.87	—	40	
	112.7		26.27	—	24	
	122.3		27.69	—	48	
	98.1		25.82	—	19	
	115.3		28.40	—	24	
	49.0		28.35	—	24	
	74.1		30.30	—	48	
	118.3		30.98	—	26	
	46.4		30.46	—	20	
	55.6		26.01	—	4	
	64.9		29.21	—	8	
	94.3		26.13	—	24	
	106.7		28.15	—	24	
NAPEFAI/EQF	—	NAPEFAI/EQF	28.23	—	24	J-QC/FFB

NAPEFAI/EQF	—	NAPEFAI/EQF	24.41		—	34	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	25.02		—	20	
	136.4		19.39		—	18	J-QC/FFB
	91.4		22.22		—	13	J-QC/FFB
	145.0		23.42		—	61	J-QC/FFB
	102.1		26.94		—	56	
	105.5		25.27		—	24	
	66.6		22.87		—	19	J-QC/FFD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	27.65		—	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	24.79		—	18	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	28.62		—	52	
NAPEFAI/EQF	—	NAPEFAI/EQF	27.07		—	18	
NAPEFAI/EQF	—	NAPEFAI/EQF	29.85		—	32	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	18	J-QC/FFD/RPO
	95.3		29.79		—	27	
	153.9		21.88		—	NA 48	
	104.3		24.25		—	NA 50	J-QC/FFB
	111.5		26.11		—	NA 84	
	118.7		24.80		—	NA 87	J-QC/FFD/RPO
	122.1		27.32		—	NA 65	
	83.2		26.62		—	NA 48	
	141.9		26.64		—	NA 52	
	72.3		27.40		—	NA 22	J-QC/FFD/FLDRPO
	81.5		27.28		—	NA 22	
	99.3		27.63		—	NA 74	
	62.4		27.87		—	NA 59	
	91.8		28.18		—	NA 24	
	97.1		30.18		—	NA 54	
	203.7		—	NAPEFAI/EQF	—	NA 60	
	135.8		26.83		—	NA 62	J-QC/FLD/RPO
	127.7		28.49		—	NA 58	
	133.4		27.45		—	NA 74	
	90.8		27.73		—	NA 70	
	86.2		23.22		—	NA 46	
	105.1		27.90		—	NA 47	J-QC/FFD/FLDRPO
	162.1		27.20		—	NA 22	
	114.8		17.12		—	NA 46	
	135.4		22.95		—	NA 30	
	122.1		20.77		—	NA 54	
	92.2		17.58		—	NA 45	
	122.2		24.49		—	NA 66	
	129.3		22.95		—	NA 20	
	95.8		25.21		—	NA 18	
	105.9		24.89		—	NA 24	
	67.8		25.94		—	NA 50	
	83.6		27.90		—	NA 63	
	73.1		26.16		—	NA 47	
	81.5		24.71		—	NA 60	

72.5	15.62	—	NA	33	
57.2	21.08	—	NA	44	
99.3	24.41	—	NA	46	
79.7	23.63	—	NA	22	
87.8	21.88	—	NA	61	J-QC/FFD/RPO
90.7	24.38	—	NA	69	
[redacted]					
102.3	27.37	—	NA	58	
113.6	27.11	—	NA	53	
165.6	26.51	—	NA	72	
133.4	27.77	—	NA	135	
99.2	26.90	—	NA	75	
88.7	26.55	—	NA	62	
128.8	22.83	—	NA	70	
90.1	27.59	—	NA	74	
81.3	25.50	—	NA	56	J-QC/FFD/RPO
62.7	24.63	—	NA	56	
55.4	23.74	—	NA	20	
145.8	25.53	—	NA	32	
112.3	25.65	—	NA	24	J-QC/FLD/RPO
124.2	27.09	—	NA	66	
97.2	29.12	—	NA	68	J-QC/FFB
73.6	28.04	—	NA	60	
80.4	30.64	—	NA	80	
81.3	31.51	—	NA	30	
103.3	31.14	—	NA	58	
115.4	27.51	—	NA	58	
[redacted]					
113.0	27.79	—	NA	52	
118.9	25.56	—	NA	61	
113.3	28.35	—	NA	60	J-QC/FFD/FLDRPO
146.5	26.48	—	NA	60	
99.1	29.23	—	NA	50	
122.6	24.86	—	NA	64	
121.2	26.41	—	NA	73	
192.4	21.83	—	NA	46	
120.3	26.57	—	NA	33	
152.3	26.84	—	NA	62	
112.1	26.75	—	NA	64	
115.4	29.34	—	NA	65	J-QC/FFB
90.2	31.13	—	NA	70	
89.0	29.43	—	NA	68	
100.1	29.62	—	NA	71	
124.4	28.40	—	NA	69	
108.3	32.34	—	NA	32	
102.5	25.57	—	NA	55	
[redacted]					
108.9	23.42	—	NA	45	J-QC
118.9	28.49	—	NA	64	J-QC/FLD/RPO
147.3	20.31	—	NA	42	

153.4	20.41	—	NA	34	J-QC/FFB
130.4	23.71	—	NA	40	J-QC/FFB/FLDRPO
134.6	24.84	—	NA	42	
118.2	25.05	—	NA	14	
134.3	28.40	—	NA	74	
85.9	27.94	—	NA	39	
84.3	31.84	—	NA	38	
167.1	30.75	—	NA	44	
103.9	29.76	—	NA	36	J-QC
109.4	27.92	—	NA	46	J-QC

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.54	<2	<0.09	0.039
[redacted]			
0.48	6	<0.19	0.020
1.09	3	<0.19	0.019
0.78	3	<0.19	0.023
0.81	5	<0.19	0.053
1.51	<2	<0.19	0.013
2.48	2	<0.19	0.040
2.26	13	<0.19	0.031
2.34	5	<0.19	0.069
1.03	4	<0.19	0.033
2.43	4	<0.19	0.055
2.21	6	<0.19	0.043
1.67	4	<0.19	0.014
0.97	6	<0.19	0.037
0.98	<2	<0.19	0.085
0.78	11	<0.19	0.050
0.66	3	—	0.034
1.25	5	<0.19	0.064
0.59	<2	<0.19	0.056
0.56	7	<0.19	0.053
0.66	4	<0.19	0.057
[redacted]			
1.04	<2	<0.19	0.027
0.55	<2	<0.19	0.020
0.61	<2	<0.19	0.031
1.02	<2	<0.19	0.027
0.71	<2	<0.19	0.022
0.33	—	<0.27	0.049
0.98	5	<0.27	0.034
0.34	<2	<0.27	0.012
0.58	<2	<0.27	0.010
1.15	7	<0.27	0.044
1.17	<2	<0.27	0.034
1.12	<2	<0.27	0.031
0.33	<2	<0.27	0.035
1.07	<2	<0.27	0.036
0.76	<2	<0.27	0.038
0.98	6	<0.27	0.057
0.99	8	<0.27	0.009
0.63	<2	<0.27	0.054
1.13	<2	<0.27	0.059
0.70	<2	<0.27	0.060
<1.00	4	<0.27	0.050
[redacted]			
0.94	4	<0.27	0.019

<1.00		3		<0.27		0.016
1.40		8		<0.27		0.011
1.63		4		<0.295		0.022
1.64		7		<0.295		0.031
1.56		4		<0.295		0.034
1.00		<2		<0.295		0.007
<1.00		—		<0.295		0.017
0.93		3		<0.295		0.006
1.43		3		<0.295		0.004
1.43		3		<0.295		0.010
1.18		<2		<0.295		0.055
0.54		—		<0.295		0.113
0.55		—		<0.295		—
0.66		—		<0.295		0.104
0.90		—		<0.295		0.047
<1.00		—		<0.295		0.098
0.70		—		<0.295		0.060
0.87		—		<0.295		0.037
0.61		—		—		0.029
0.50		—		<0.295		0.041
0.40		5		<0.295		0.019
0.41		—		0.143		0.015
<0.30		4		<0.039		0.055
0.40		<2		<0.039		0.064
0.52		<2		0.347		0.073
0.34		<2		0.047		0.097
0.33		<2		0.210		0.111
<0.30		<2		0.250		0.047
0.31		<2		0.121		0.042
<0.30		<2		0.233		0.026
0.48		<2		0.487		0.027
0.65		<2		0.319		0.026
<0.30		<2		0.170		0.015
<0.30		3		0.021	J-R	0.025
<0.30		3		<0.017		0.017
<0.30		<2		0.045		0.007
<0.30		<2		0.063		0.014
<0.30		<2		0.162		0.019
0.46		<2		0.226		0.045
<0.30		<2		<0.017		0.027
1.00		—		0.199		0.053
0.35		<2		0.259		0.072
<0.30		<2		0.603		0.085
<0.30		<2		0.456		0.056
0.40	BJ-QC/FBK/FFB	4	J-QC/FFB/FLS	<0.018	KJ-QC/FMS	0.047
0.44	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.094		0.024

0.97	BJ-QC/FBK/FFB	<2	K	0.167		0.038
<0.30	K	<2	KJ-QC/FLS	0.042		0.033
<0.30	KJ-QC/FFB	5		<0.018	K	0.046
0.39	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.219		0.046
<0.30	KBJ-QC/FBK/FFB	3	J-QC/FLS	0.020	J-R	0.009
<0.30	KB/FBK	<2	K	<0.018	K	0.025
0.46	BJ-QC/FBK/FFBFLS	<2	K	<0.018	K	0.011
0.35	BJ-QC/FBK/FFBFLDRPO	<2	K	0.051		0.036
0.49	BJ-QC/FBK/FFBFLS	<2	K	0.025	J-R	0.014
0.63	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.066		0.032
0.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFB	0.122		0.072
<1.00	KJ-QCJ-HT/FLS/EHT	<2	KJ-QC/FFD/RPOFLS	0.214		0.050
<0.30	KBJ-QC/FBK/FFBFFDRPO	—	NRP	0.148	J-HT/EHT	0.056
0.57	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.018	K	0.060
<0.60	KBJ-QC/FBK/FFB	<2	K	0.325	J-QC/FFB/FSL	0.067
[redacted]						
0.53	BJ-QCJ-HT/FBK/FFBEHT	4		<0.0175	K	0.0166
0.49	BJ-QC/FBK/FFBFLS	<2	K	0.060		0.0207
0.59	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	KJ-QC/FLS	0.106		0.0252
0.62	BJ-QC/FBK/FFBFLS	3		0.171	J-QC/FFB	0.0162
0.38	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.0175	K	<0.0029
2.79	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.266		0.0352
2.40	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.186		0.0146
0.73	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.216		0.0354
0.51	BJ-QCJ-HT/FBK/FFBFLSEHT	3	KJ-QC/FLS	0.106	J-QC/FSL	0.0352
0.68	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.042		0.0343
0.52	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.320		0.0259
0.55	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.131		0.0244
0.52	BJ-QCJ-HT/FBK/FFBEHT	3	J-QC/FLS	0.089		0.0389
0.50	BJ-QCJ-HT/FBK/FFBFLSEHT	5	J-QC/FLS	<0.0175	K	0.0029
0.50	BJ-QC/FBK/FFBFLS	6	J-QC/FLS	<0.0175	KJ-QC/FFD/RPOFMS	0.0044
0.69	BJ-QC/FBK/FFB	6	J-QC/FLS	<0.0175	K	0.0142
0.66	BJ-QC/FBK/FFB	<2	KJ-QC/FFD/RPO	<0.0175	K	0.0140
0.72	BJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FLS	0.194		0.0461
0.35	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.356		0.0879
[redacted]						
0.52	BJ-QC/FBK/FFBFFDRPOFLS	4	J-QC/FFB	<0.0175	K	0.0275
<0.30	KB-JQC/FBK/FFBFLS	4	J-QC/FFD/RPOFLS	0.068		0.0344
0.65	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.194		0.0213
0.61	BJ-QC/FBK/FFBFFDRPO	4	J-QC/FLS	<0.0293	K	0.0148
0.51	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	3	J-QC/FLS	0.087		0.0875
0.99	BJ-QC/FBK/FFB	3	J-QC/FLS	<0.0293	K	0.0387
0.52	BJ-QCJ-HT/FBK/FFBEHT	3		<0.0293	KJ-QC/FFD/RPO	0.0144
0.88	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	4	J-QC/FFD/RPO	0.087	J-QC/FFD/RPO	0.0038
0.60	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.107		0.0586
0.63	BJ-QCJ-HT/FBK/FFBEHT	4	J-QC/FLS	0.218	J-QC/FFD/RPO	0.0740
0.36	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPO	0.103		0.0184
0.62	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.044		0.0277
0.65	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	—	A/LBF	0.0572
0.36	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.207	J-QC/FFB	0.0528

<0.30	KB-JQC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.352		0.0424
1.06	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.206		0.0521
0.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.144		0.0305
0.93	BJ-QC/FBK/FFBFLS	<2	K	0.175		0.0521
1.17	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.093	J-QC/FFB	0.0298
0.84	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.232	J-QC/FSL	0.0290
[redacted]						
0.85	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.421		0.0300
0.59	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.123		0.0197
0.69	BJ-QC/FBK/FFB	4		<0.0378	KJ-QC/FMS	0.0225
0.48	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.105	J-QC/FFB	0.0192
0.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.241	J-QC/FMS	0.0360
0.51	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.084	J-QC/FMS	0.0428
1.24	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0378	K	0.0102
0.61	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	K	0.230		0.0307
0.48	BJ-QCJ-HT/FBK/FFBFLSEHT	5		0.047	J-RJ-QC/FMS	0.0162
0.48	BJ-QC/FBK/FFBFLS	<2	KJ-QCJ-HT/FFB/EHT	0.136	J-QC/FFD/RPO	0.0231
0.58	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0378	KJ-QC/FMS	0.0250
0.54	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	<0.0378	KJ-QC/FMS	0.0062
0.52	BJ-QCJ-HT/FBK/FFBFLSEHT	4	J-QC/FLS	<0.0378	KJ-QC/FMS	0.0085
0.55	BJ-QCJ-HT/FBK/FFBEHT	3	J-HT/EHT	<0.0378	KJ-QC/FMS	0.0327
<0.30	KBJ-QC/FBK/FFBFFDFLDRPOFLS	<2	KJ-QC/FFD/RPO	0.058	J-R	0.0382
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.058	J-RJ-QC/FSL	0.1209
0.30	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.158		0.0765
0.60	BJ-QC/FBK/FFB	<2	K	0.258		0.0498
—	NA	—	NRP	0.073	J-R	0.1498
—	NA	<2	KJ-QC/FLS	0.172	J-QC/FMS	0.0400
[redacted]						
—	NA	<2	KJ-QC/FMS	0.244	J-QC/LLS/FMS	0.0366
—	NA	<2	KJ-QC/FMS	0.063	J/LLS	0.0275
—	NA	3	J-QC/FMS	<0.0217	KJ-QC/FSL/FMS	0.0223
—	NA	3		<0.0217	K	0.0240
0.55	BJ-QC/FBK/FFBFFDFLDRPO	<2	KJ-QC/FMS	0.306	J-QC/LLS/FSLFMS	0.0343
0.56	BJ-QC/FBK/FFBFLS	3	J-QC/FMS	0.045	J-QC/LLS/FMS	0.0395
<0.30	KBJ-QC/FBK/FFBFLS	6	J-QC/FMS	<0.0217	KJ-QC/FSL/FMS	0.0288
1.32	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FMS	0.028	J-RJ-QC/LLS/FMS	0.0216
0.81	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	4	J-QC/FMS	0.119	J/LLS	0.0049
0.69	BJ-QCJ-HT/FBK/FFBFLSEHT	5	J-QC/FMS	<0.0911	KJ-QC/FMS	0.0062
0.58	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FMS	0.102	J-R/LLS	0.0209
<0.30	KBJ-QCJ-HT/FBK/FFBEHT	3		<0.0911	K	0.0110
0.54	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0259
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0400
0.36	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.121	J-R/LLS	0.0433
0.30	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	<0.0911	KJ-QC/FSL	0.0531
0.50	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.245	J/LLS	0.0487
0.63	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.190	J/LLS	0.0355
[redacted]						
1.61	BJ-QC/FBK/FFBFMS	<2	K	0.343	J-QC/LLS/FFB	0.0294
0.57	BJ-QC/FBK/FFB	3		0.152	J/LLS	0.0283
0.42	BJ-QC/FBK/FFBFMS	5		<0.0267	K	0.0294

0.64	BJ-QC/FBK/FFBFMS	<2	K	0.364	J-QC/LLS/FFB	0.0285
0.64	BJ-QC/FBK/FFBFLDRPO	3		<0.0267	K	0.0225
0.83	BJ-QC/FBK/FFBFMS	<2	K	0.142	J/LLS	0.0271
0.81	BJ-QC/FBK/FFBFLDRPOFMS	3	J-QC/FLS	<0.0267	K	0.0062
0.78	BJ-QCJ-HT/FBK/FFBFMS	6		<0.0267	K	0.0077
1.03	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	K	0.084	J-QC/LLS/FSLFMS	0.0240
0.57	BJ-QCJ-HT/FBK/FFBFLDRPO	<2	KJ-QC/FLS	<0.0267	K	0.0242
0.43	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0066
0.65	BJ-QCJ-HT/FBK/FFB	<2	K	0.068	J/LLS	0.0791
0.54	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC	0.0554

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.61	0.140	0.19	—
	0.36	0.102	0.06	—
	0.21	0.118	0.04	—
	0.02	0.123	0.03	—
	1.33	0.081	0.06	—
	2.57	0.116	0.08	—
	0.39	0.146	0.12	—
	0.19	0.241	0.07	—
	0.52	0.178	0.17	—
	0.30	0.141	0.05	—
	0.39	0.129	0.09	—
	0.24	0.181	0.08	—
	—	0.146	0.07	—
	0.42	0.125	0.10	—
	0.71	0.221	0.11	—
	0.30	0.123	0.11	—
	0.12	0.127	0.08	—
	0.75	0.392	0.13	—
	0.45	0.088	0.12	—
	0.73	0.137	0.08	—
	0.90	0.069	0.12	—
	0.16	0.097	0.03	—
	0.30	0.071	0.05	—
	0.18	0.053	0.05	—
	0.70	0.078	0.03	—
	0.49	0.066	0.04	—
	0.30	0.092	—	—
	0.41	0.089	0.05	—
	0.23	0.072	0.05	—
	0.87	0.116	0.07	—
	0.62	0.124	0.14	—
	0.19	0.118	0.09	—
	0.52	0.155	0.12	—
	0.26	0.162	0.12	—
	0.20	0.182	0.12	—
	0.24	0.110	0.11	—
	0.14	0.158	0.26	—
	0.09	0.176	0.07	—
	0.32	0.142	0.14	—
	0.22	0.182	0.10	—
	0.58	0.113	0.11	—
	0.57	0.120	0.10	—
	0.54	0.091	<0.01	—

	0.19	0.065	0.04		—
	1.42	0.132	0.06		—
	0.17	0.070	0.04		—
	0.22	0.112	0.10		—
	0.26	0.148	0.07		—
	0.84	0.111	0.02		—
	—	0.109	—		—
	0.19	0.126	0.09		—
	0.12	0.138	0.08		—
	2.78	0.243	0.09		—
	0.34	0.158	0.14		—
	0.43	0.152	—		—
	0.33	0.129	—		—
	0.67	0.208	—		—
	0.42	0.111	—		—
	0.20	0.147	0.12		—
	0.57	0.121	0.11		—
	0.64	0.090	0.11		—
	0.80	0.131	0.09		—
	0.58	0.115	0.10		—
	0.555	0.074	0.07		—
	0.427	0.027	0.03		—
	0.379	0.112	0.08		—
	0.615	0.16	0.10		—
	0.297	0.19	0.14		—
	0.819	0.16	0.16		—
	1.17	0.19	0.16		—
	0.919	0.13	0.09		—
	0.489	0.35	0.09		—
	0.782	0.10	0.07		—
	0.720	0.08	0.06		—
	0.582	0.08	0.08		—
	0.389	0.04	0.06		—
	0.796	0.31	0.04		—
	0.868	0.05	<0.01		—
J-R	1.89	0.07	0.03		—
	1.31	0.08	0.06		—
	0.233	0.13	0.08		—
	0.863	0.12	0.10		—
	0.326	0.10	0.08		—
	0.498	0.15	0.14		—
	1.05	0.15	0.14		—
	1.25	0.13	0.12		—
	0.624	0.11	0.11		—
J-QC/FFB	1.20	0.06	<0.05	K	—
	0.564	0.10	<0.05	KJ-QC/FFD/RPO	—

	0.799		0.09		0.06		—
	1.27		0.07		<0.05	K	—
	0.844	J-QC/FFB	0.10	J-QC/FFD/RPO	0.07		—
	0.338		0.10		0.10		—
	1.68		0.09		0.07		—
J-HT/EHT	1.38		0.09	J-QC/FFD/RPO	0.08		—
	0.860		0.13	J-QC/FFB/FFDRPO	0.05		—
	0.681	J-QC/FFB	0.19		0.13		—
J-QC/FFB	2.09		0.16		0.12		—
	0.967	J-QC/FFB	—	NAP	—	NAP	—
	0.731		0.05		0.14		—
	0.551		0.14		<0.05	K	—
J-HT/EHT	0.668	J-QCJ-HT/FFB/EHT	0.12	J-QC/FFD/RPO	0.11	J-QC/FFD/RPO	—
J-QC/FFB	0.535	J-QC/FFB	0.13		0.09		—
J-QC/FFB	0.515		0.11		0.09		—
[redacted]							
	1.45	J-QC/FFB	0.07		<0.05	K	—
	0.047	J-R	0.05		<0.05	K	—
	0.138		0.10		0.08		—
	0.910		0.08		0.05	J-QC/FFD/FLDRPO	—
K	0.296	J-QC/FLS	0.07		<0.05	K	—
J-QC/FFB	0.101		0.10	J-QC/FFB	0.08		—
	<0.0301	K	0.14	J-QC/FFB	<0.05	KJ-QC/FFB/FFDRPO	—
	0.133		0.16		0.10		—
	0.110		0.16		0.10	J-QC/FLD/RPOFLS	—
	0.1142		0.17		0.12		—
	0.700		0.25		0.16		—
J-QC/FFB	0.082		0.16		0.11		—
	0.278		0.15		0.11		—
J-R	0.836		0.14		0.07		—
J-R	<0.0301	K	0.16	J-QC/FFB	0.11		—
	1.19		0.19	J-QC/FLS	0.10		—
	1.20	J-QC/FFD/RPO	0.15		0.09		—
	0.806		0.21		0.12		—
	0.490		0.24	J-QC/FFD/RPO	0.18		—
[redacted]							
J-QC/FFB	0.8420		0.06		<0.02	K	—
	0.8430	J-QC/FLS	0.04	J-R	0.04	J-RJ-QC/FLS	—
	1.1302		0.08	J-QC/FFB/FFDRPO	0.05		—
	0.2502		0.06	J-QC/FFB	<0.02	K	—
	0.0141	J-QC/FFB/FFDRPO	0.06		0.04	J-RJ-QC/FFD/RPO	—
J-QC/FFD/RPO	0.3761		0.09		0.06		—
J-QC/FFB	0.0331	J-R	0.10	J-QC/FFB	0.03	J-R	—
J-R	<0.0267	K	0.06	J-QC/FLD/RPO	0.07	J-QC/FFB	—
J-QC/FFB	0.1748		0.10		0.07		—
J-QC/FFB	<0.0267	K	0.12		0.07		—
J-QC/FFB	1.1776	J-QC/FFD/RPO	0.16		0.13		—
	0.1251	J-QC/FFB	0.14	J-QC/FFB	0.10		—
	0.2603		0.14		0.11		—
	0.2898	J-QC/FFB	0.17		0.12	J-QC/FFB	—

	0.4080	J-QC/FFD/RPO	0.09		0.09	J-QC/FFB/FFDRPO	—
	0.2507		0.08		0.09		—
J-QC/FFB/FFDRPO	0.2462		0.09		0.08		—
	0.3563		0.13	J-QC/FFB	0.08		—
	0.5767		0.12		0.10		—
J-QC/FFB	0.5047		0.08		0.08		—
[redacted]							
J-QC/FFB	0.5539		0.11	J-QC/FFB	0.06		—
J-QC/FFB	0.5227	J-QC/FFB	0.07		0.04	J-R	—
	0.7410	J-QC/FFB	0.08		<0.01	K	—
J-QC/FFB	1.4365	J-QC/FFB	0.08		0.03	J-R	—
J-QC/FFB	1.1332		0.11	J-QC/FFD/RPO	0.08		—
J-QC/FFB	0.6546		0.09		0.05		—
J-QC/FFB	0.4802		0.12		0.09		—
J-QCJ-HT/FFB/EHT	0.3663		0.09		0.06	J-QC/FFD/RPO	—
J-QC/FFB	0.9993		0.09		0.03	J-R	—
	0.5831	J-HT/EHT	0.09		0.07		—
	0.2715	J-QC/FLS	0.12		0.09		—
J-QC/FFB	0.0331		0.08	J-QC/FFD/RPO	0.07		—
	0.8706		0.12		0.09		—
	0.3972		0.13		0.09		—
J-QC/FFB	0.3434	J-QC/FFD/RPO	0.12		0.10		—
	0.3830		0.18		0.15		—
J-QC/FFB	0.3496		0.13		0.13		—
J-QC/FFB	0.3785		0.15		0.14		—
J-QC/FFB	0.9505		0.10		0.08		—
J-QCJ-HT/FFB/EHT	0.3349	J-QC/FFD/RPO	0.11		0.09		—
[redacted]							
[redacted]	0.2823	[redacted]	0.11		0.08	J-QC/FLD/RPO	—
J-QC/FFB	0.3759	J-HT/EHT	0.10	J-QC	0.05	J-QC	—
J-QC/FFB	0.6451	J-QC/FFB	0.09	J-QC	0.06	J-QC	—
J-QC/FFB	0.6185	[redacted]	0.07	J-QC/FFD/RPO	0.04	J-RJ-QC	—
[redacted]	0.8732	[redacted]	0.08		0.07	[redacted]	—
J-QC/FFB	1.0172	[redacted]	0.09		0.05	[redacted]	—
[redacted]	1.0214	[redacted]	<0.01	K	0.05	[redacted]	—
J-QC/FFD/RPO	0.5814	[redacted]	0.07		0.04	J-RJ-QC	—
J/LLS	2.9428	[redacted]	0.07		0.04	J-R	—
J/LLS	0.4253	[redacted]	0.05	J-QC	0.03	J-RJ-QC	—
[redacted]	0.3055	[redacted]	0.08		0.04	J-R	—
J-QC/FFD/RPO	0.0755	[redacted]	0.10	J-QC/FLD/RPO	0.07	J-QC/FLD/RPO	—
[redacted]	0.1472	J-QC/FFB/FLS	0.13		0.09	[redacted]	—
J-QC/FFB/FFDRPO	0.3968	J-QC/FFB/FFDRPO	0.14	J-QC/FFD/RPO	0.10	J-QC/FFD/RPO	—
[redacted]	0.9499	[redacted]	0.10		0.09	[redacted]	—
J-QC/FFB	0.2862	[redacted]	0.13	J-QC	0.07	J-QC	—
J-QC/FFB	0.4762	J-QC/FLS	0.13	J-QC	0.09	J-QC	—
[redacted]	0.4728	[redacted]	0.12		0.07	[redacted]	—
[redacted]							
J-QC/FFB	0.4120	J-QC/FLS	0.07		0.06		—
	0.1778		0.10		0.05		—
J-QC/FFB	0.3631	J-QC/FLS	0.10		0.07		—

	0.3418		0.11	J-QC/FFB	0.05	J-QC/FFB	—
J-QC/FFB	0.1637	J-QCJ-HT	0.07		0.05		—
J-QC/FFB	0.1106		0.08	J-QC/FMS	0.02	J-R/LLS	—
J-QC/LLS/FFB	—	NRP/LBF	0.04	J-R/LLS	0.02	J-R/LLS	—
J-QCJ-HT/LLS/FFB	0.0271	J-QC/FLS	0.12	J-QC/FFB	0.03		—
	0.1927	J-QC/FLS	0.09		0.06		—
	0.1608		0.11		0.08		—
J-QC/LLS/FFB	0.0351		0.18		0.05		—
J-QC/FFB	0.4235		0.18		0.14		—
J-QC	0.4877		0.13		0.09		—
[redacted]							
	[redacted]		[redacted]		[redacted]		[redacted]

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	1.2	0.00	0.00
[redacted]			
	2.6	0.00	0.00
	20.0	1.09	1.53
	1.8	0.18	0.18
	2.7	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	1.9	0.00	0.00
	0.8	0.00	0.09
	6.9	0.00	0.00
	5.0	0.00	0.39
	11.4	0.00	0.00
	4.8	0.00	0.00
	<0.5	0.00	0.00
	4.4	0.00	0.00
	0.4	0.08	0.61
	<0.5	0.00	0.00
	5.3	0.00	0.00
	4.1	0.00	0.00
	3.7	0.00	0.01
	4.1	0.21	0.24
[redacted]			
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.29
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	—	0.00	0.00
	<0.5	0.00	0.00
	2.9	0.00	0.66
	2.2	0.00	0.95
	3.6	0.00	0.00
	2.3	0.04	0.04
	—	0.00	0.00
	26.2	0.01	0.01
	2.6	0.00	0.00
	2.0	0.00	0.00
	2.6	0.00	0.03
	1.7	0.00	0.00
	5.6	0.00	0.00
	2.6	0.00	0.00
	1.9	0.00	0.00
	7.1	0.48	0.48
[redacted]			
	3.9	0.00	0.00

4.5		0.00	0.00
3.0		0.00	0.00
4.5		0.00	0.00
3.5		0.01	0.48
8.5		0.00	0.00
3.9		0.00	0.00
—		0.00	1.56
7.5		0.00	0.00
5.4		0.00	0.00
5.9		0.00	0.00
4.6		0.27	0.84
—		0.00	0.02
—		0.00	0.00
—		0.00	0.00
—		0.00	0.00
2.5		0.00	0.00
1.4		0.00	0.00
1.1		0.00	0.04
1.4		0.00	0.00
1.3		0.00	0.00
[redacted]			
0.5		0.00	0.00
<0.5		0.42	0.42
[redacted]			
3.0		0.00	0.00
4.1		0.00	0.00
5.3		0.00	0.00
4.8		0.00	0.00
5.2		0.00	0.00
2.5		0.01	0.09
2.4		0.00	0.06
[redacted]			
1.2		0.00	0.00
1.6		0.05	0.10
3.0		0.00	0.00
3.2		0.00	0.00
4.2		0.00	0.14
3.3		0.00	0.00
4.6		0.00	0.04
3.8		0.14	0.15
4.6		0.00	0.80
4.4		0.00	0.00
3.9		0.00	0.00
2.7		0.00	0.71
2.1		0.00	0.00
2.1		0.00	0.00
3.6		0.00	0.00
[redacted]			
3.8	J-QC/FFB	0.00	0.00
3.8	J-QC/FFB	0.00	0.00

	3.9		1.47	2.10
	3.5		0.92	1.35
	4.6	J-QC/FFB/FFDRPO	0.01	0.68
	3.0		0.43	0.43
	4.2	J-QC/FFB	0.08	0.08
	4.3		0.00	0.00
	3.9	J-QC/FFB	0.00	0.15
	4.3	J-QC/FFB	0.00	0.00
	4.2		1.13	1.13
	—	NAP	0.00	0.00
	3.7	J-QC/FFB	0.00	0.00
	3.1	J-QC/FFB	0.00	0.00
	3.4		0.00	0.30
	3.0	J-QC/FFB	0.00	0.00
	3.8	J-QC/FFB	0.00	0.00
[redacted]				
NA	3.50		0.00	0.00
NA	3.30	J-QC/FFB	0.00	0.47
NA	3.60		0.00	0.01
NA	3.94	J-QC/FFB	0.00	0.00
NA	4.46	J-QC/FFB	0.00	0.00
NA	3.22	J-QC/FFB	0.00	0.18
NA	3.89	J-QC/FFB	0.00	0.00
NA	2.70	J-QC/FFB	0.00	1.69
NA	3.40	J-QC/FFB	0.00	0.05
NA	3.40	J-QC/FFB	0.00	0.00
NA	3.80	J-QC/FFB	0.00	0.00
NA	3.70	J-QC/FFB	0.00	0.00
NA	3.20	J-QC/FFB	0.00	1.24
NA	4.20	J-QC/FFB	0.00	0.00
NA	3.70	J-QC/FFB	0.00	0.00
NA	4.50	BJ-QC/FBK/FFB	0.00	0.93
NA	3.40	J-QC/FFB	0.00	0.00
NA	2.80	J-QC/FFB	0.00	0.16
NA	2.50		0.00	0.01
[redacted]				
NA	3.7		0.00	0.00
NA	4.3	J-QC/FFB	0.00	0.00
NA	4.3		0.00	0.00
NA	2.4	J-QC/FFB	0.04	0.04
NA	2.7	BJ-QC/FBK/FFB	0.00	0.00
NA	2.6		0.00	0.00
NA	2.6	J-QC/FFB	0.00	0.00
NA	3.3	J-QC/FFB	0.00	0.00
NA	3.6	J-QC/FFB	0.00	0.00
NA	3.8	J-QC/FFB	0.17	0.17
NA	3.5	J-QC/FFB	0.00	0.00
NA	3.3	J-QC/FFB	1.32	1.32
NA	3.1	J-QC/FFB	0.00	0.22
NA	3.7	J-QC/FFB	0.00	0.00

NA	3.8	J-QC/FFB	0.00	0.00
NA	3.7	J-QC/FFB	0.08	0.12
NA	3.4	J-QC/FFB	1.52	1.59
NA	2.6		0.00	0.00
NA	3.3	J-QC/FFD/RPO	0.00	0.00
NA	2.9	J-QC/FFB/FFDRPO	0.03	0.03
[redacted]				
NA	2.6		0.14	0.14
NA	—	NAPEFAI/EQF	0.02	0.02
NA	3.7	BJ-QC/FBK/FFBFLDRPO	0.00	0.00
NA	1.0		0.02	0.02
NA	2.6	J-QC/FFB	0.21	0.48
NA	1.7	J-QC/FFB	0.00	0.18
NA	2.7	BJ-QC/FBK/FFB	0.40	0.60
NA	1.4	J-QC/FFB	0.58	0.60
NA	2.3	B/FBK	0.00	0.93
NA	2.1	BJ-QC/FBK/FFBFFDRPO	0.00	0.00
NA	1.6	B/FBK	0.00	0.00
NA	2.5	J-QC/FFB	0.00	0.00
NA	4.4	J-QC/FFB	0.03	0.07
NA	3.3	J-QC/FFB	0.00	0.00
NA	1.9	J-QC/FFB	0.00	0.00
NA	<0.1	K	0.00	0.00
NA	<0.1	KJ-QC/FFD/RPO	0.01	1.01
NA	2.4	J-QC/FFB	0.00	0.00
NA	2.4	BJ-QC/FBK/FFB	0.00	0.00
NA	2.5	J-QC/FFB	0.00	0.02
[redacted]				
NA	3.38	BJ-QC/FBK/FFB	0.00	0.00
NA	3.13	J-QC/FFB	0.00	0.00
NA	2.68	BJ-QC/FBK/FFB	0.00	0.00
NA	2.6		0.00	0.00
NA	2.0		0.00	0.00
NA	2.4	J-QC	0.00	0.00
NA	2.7		0.00	0.00
NA	3.2	J-QC/FFD/FLDRPO	0.00	0.00
NA	7.2		0.00	0.01
NA	3.3	J-QC/FFB	0.00	0.00
NA	3.2	J-QC	0.00	0.02
NA	3.3	J-QC	0.00	0.00
NA	21.5	J-QC/FFB	0.00	0.00
NA	2.3	J-QC/FFD/RPO	0.00	0.00
NA	1.5		0.00	0.00
NA	4.09	J-QC/FFB	0.00	0.00
NA	3.85	J-QC/FLD/RPO	0.00	0.00
NA	2.59		0.00	0.00
[redacted]				
NA	3.2		0.00	0.07
NA	1.7		0.00	0.00
NA	3.8		0.07	0.74

NA	4.4	0.00	0.00
NA	3.3	0.00	0.08
NA	2.7	0.00	0.00
NA	3.4	0.02	0.02
NA	1.4	0.00	0.49
NA	1.1	0.00	0.00
NA	2.3	0.00	0.55
NA	1.8	0.00	0.00
NA	2.5	0.00	0.00
NA	1.9	0.00	0.08

Station #31 Upper Hudson River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 2, 2003	10:05	7.41	7.2	10.39
December 16, 2003	10:45	6.70	3.9	11.52
2004				
January 6, 2004	09:50	5.00	3.5	12.53
March 2, 2004	10:20	7.67	3.7	11.76
April 7, 2004	11:15	7.38	6.6	10.60
April 20, 2004	11:30	7.37	11.1	9.45
May 4, 2004	11:20	6.69	12.9	8.50
June 2, 2004	11:30	7.33	—	3.20
June 8, 2004	11:30	—	—	4.00
June 22, 2004	11:10	7.72	21.8	8.36
July 6, 2004	12:05	7.37	23.7	8.22
July 20, 2004	12:09	7.46	23.1	5.93
July 27, 2004	10:40	7.18	28.4	7.05
August 10, 2004	11:50	8.25	25.16	11.38
August 17, 2004	11:58	6.99	24.09	5.93
August 24, 2004	11:20	—	25.04	5.55
August 31, 2004	12:12	7.44	25.19	8.31
September 7, 2004	11:29	7.72	24.22	9.93
September 21, 2004	11:30	7.25	21.35	7.72
October 7, 2004	11:55	7.81	18.44	8.77
October 26, 2004	10:50	—	14.3	6.88
2005				
March 22, 2005	10:13	—	4.00	11.44
April 12, 2005	11:00	6.58	8.80	—
April 26, 2005	11:34	7.71	11.64	9.74
May 2, 2005	11:55	7.67	12.98	11.47
May 10, 2005	11:32	7.68	13.51	11.14
May 17, 2005	11:33	7.74	16.57	10.37
May 23, 2005	11:34	7.60	15.15	8.70
June 1, 2005	11:35	7.54	17.15	8.05
June 7, 2005	11:15	7.42	19.57	7.82
June 30, 2005	11:29	7.36	24.01	5.93
July 5, 2005	11:46	7.51	24.26	6.66
July 12, 2005	11:14	7.66	25.37	7.72
July 20, 2005	12:44	7.52	26.58	6.45
July 26, 2005	12:09	7.35	27.07	5.20
August 1, 2005	13:21	7.48	27.51	8.16
August 10, 2005	—	—	—	—
August 15, 2005	11:42	7.83	27.60	6.85
August 24, 2005	11:16	—	25.58	6.28
August 29, 2005	12:20	—	25.78	8.68
September 13, 2005	11:25	7.79	24.24	8.70
September 21, 2005	12:16	7.30	24.33	4.94
October 5, 2005	12:28	7.35	21.59	5.59
October 19, 2005	11:56	8.13	17.75	8.74

2006				
February 2, 2006	10:53	7.71	3.61	15.11
February 15, 2006	10:55	7.61	3.26	13.78
March 1, 2006	10:29	7.75	3.28	12.58
March 29, 2006	11:16	7.80	6.70	10.44
April 10, 2006	12:11	7.71	8.28	11.18
April 26, 2006	11:50	7.42	12.64	10.29
May 4, 2006	11:54	7.51	15.08	10.45
May 10, 2006	11:54	7.83	14.55	9.44
June 21, 2006	11:04	7.42	22.07	6.45
July 10, 2006	12:00	7.45	22.67	9.48
July 26, 2006	10:20	7.27	25.77	5.96
August 2, 2006	10:29	7.61	28.31	7.00
August 7, 2006	10:42	7.94	24.78	8.25
August 17, 2006	10:08	7.24	25.18	5.51
August 21, 2006	10:44	7.40	24.96	6.00
August 31, 2006	11:27	7.55	23.42	6.49
September 5, 2006	11:46	7.48	22.08	6.23
September 20, 2006	10:46	7.50	22.15	5.89
September 27, 2006	11:02	7.38	20.88	6.20
October 19, 2006	10:47	7.56	16.99	8.38
November 1, 2006	10:08	7.64	13.41	9.38
November 29, 2006	10:42	7.64	9.85	9.58
2007				
January 11, 2007	12:35	8.45	4.70	13.10
January 24, 2007	10:54	7.70	3.33	10.93
February 21, 2007	12:38	7.71	1.31	9.86
April 3, 2007	10:53	7.77	5.33	13.43
May 2, 2007	11:03	7.67	10.68	11.95
Boat engine failure - 5/18/07				
September 6, 2007	10:45	7.40	23.70	6.38
September 13, 2007	10:53	7.30	23.75	5.88
September 26, 2007	10:54	7.48	21.58	9.31
October 4, 2007	12:17	7.39	22.36	6.51
October 17, 2007	10:24	7.45	18.96	6.77
October 31, 2007	10:35	7.50	16.60	7.94
November 28, 2007	10:59	—	9.18	10.71
December 12, 2007	11:01	—	6.44	9.91
2008				
January 10, 2008	11:17	—	3.34	11.45
February 5, 2008	10:54	7.78	3.77	10.93
March 12, 2008	11:11	7.78	2.86	13.90
May 7, 2008	10:44	7.46	13.90	8.92
May 14, 2008	10:24	7.67	14.44	9.13
June 12, 2008	11:47	7.83	23.31	9.22
June 18, 2008	10:56	7.83	22.16	8.64
June 25, 2008	11:05	7.45	23.23	6.09
July 16, 2008	10:37	7.60	25.26	7.05
August 14, 2008	11:08	8.08	25.16	10.08
August 20, 2008	10:38	7.48	24.26	5.67

September 3, 2008		10:55	7.43		24.44		5.44
September 11, 2008	A	10:08	7.66		23.55		7.25
September 11, 2008	B	10:08	—		—		—
September 17, 2008	A	10:39	7.29		22.68		3.63
September 17, 2008	B	10:39	—		—		—
October 8, 2008	A	10:41	—		17.97		5.71
October 8, 2008	B	10:41	—		—		—
2009							
February 4, 2009	A	11:26	7.55		0.47		10.10
February 4, 2009	B	11:26	—		—		—
March 5, 2009	A	11:44	7.51		1.37		13.47
March 5, 2009	B	11:44	—		—		—
April 27, 2009	A	11:08	7.11		11.60		—
April 27, 2009	B	11:08	—		—		—
May 6, 2009	A	11:21	7.44		13.45		—
May 6, 2009	B	11:21	—		—		—
May 21, 2009	A	10:59	7.43		14.92		—
May 21, 2009	B	10:59	—		—		—
June 2, 2009	A	10:41	7.40		18.47		—
June 2, 2009	B	10:41	—		—		—
June 17, 2009	A	11:30	7.53		20.86		7.48
June 17, 2009	B	11:30	—		—		—
June 25, 2009	A	10:33	7.44		21.47		6.55
June 25, 2009	B	10:33	—		—		—
July 9, 2009		10:55	7.64		22.71		7.56
July 16, 2009	A	11:14	—	NAPEFAI/EQF	23.30		8.63
July 16, 2009	B	11:14	—		—		—
July 22, 2009	A	11:43	—	NAPEFAI/EQF	22.94		5.27
July 22, 2009	B	11:43	—		—		—
August 5, 2009	A	10:36	—	NAPEFAI/EQF	25.58		6.49
August 5, 2009	B	10:36	—		—		—
August 11, 2009	A	10:51	—	NAPEFAI/EQF	25.18		6.44
August 11, 2009	B	10:51	—		—		—
August 20, 2009	A	10:29	—	NAPEFAI/EQF	25.25		—
August 20, 2009	B	10:29	—		—		—
August 26, 2009	A	10:41	—	NAPEFAI/EQF	26.79		—
August 26, 2009	B	10:41	—		—		—
September 3, 2009	A	10:34	—	NAPEFAI/EQF	23.56		—
September 3, 2009	B	10:34	—		—		—
September 23, 2009	A	11:19	—	NAPEFAI/EQF	21.68		—
September 23, 2009	B	11:19	—		—		—
October 14, 2009	A	11:26	—	NAPEFAI/EQF	16.70		—
October 14, 2009	B	11:26	—		—		—
December 7, 2009		10:59	7.82		8.78		12.14
2010							
March 22, 2010		10:28	7.39		6.81		18.49
April 14, 2010		10:38	7.59		10.41		11.26
May 5, 2010	A	11:14	7.57		15.88		10.07
May 5, 2010	B	11:14	—	NA	—	NA	—
May 11, 2010		11:12	7.67		13.95		9.58

May 17, 2010		10:48	7.49		15.04		9.01
May 27, 2010	A	10:50	7.50		17.34		9.67
May 27, 2010	B	10:50	—	NA	—	NA	—
June 7, 2010		10:58	8.34		22.97		11.34
June 22, 2010		11:07	7.44		23.35		8.85
June 30, 2010		10:27	7.62		25.05		6.37
July 14, 2010	A	11:27	7.46		24.74		6.00
July 14, 2010	B	11:27	—	NA	—	NA	—
July 21, 2010	A	10:45	8.15		27.30		9.34
July 21, 2010	B	10:45	—	NA	—	NA	—
August 5, 2010		10:28	8.16		26.73		6.76
August 12, 2010	A	10:39	7.59		25.47		4.93
August 12, 2010	B	10:39	—	NA	—	NA	—
August 18, 2010	A	10:33	7.74		25.58		6.76
August 18, 2010	B	10:33	—	NA	—	NA	—
September 1, 2010	A	10:45	8.15		26.23		10.52
September 1, 2010	B	10:45	—	NA	—	NA	—
September 9, 2010	A	10:51	7.53		23.74		4.97
September 9, 2010	B	10:51	—	NA	—	NA	—
September 16, 2010	A	10:51	7.60		21.27		7.30
September 16, 2010	B	10:51	—	NA	—	NA	—
September 23, 2010	A	09:58	7.45		20.81		7.02
September 23, 2010	B	09:58	—	NA	—	NA	—
October 5, 2010	A	11:25	7.53		19.31		7.63
October 5, 2010	B	11:25	—	NA	—	NA	—
November 18, 2010		10:43	7.67		10.70		10.29
December 9, 2010	A	11:18	7.74		4.59		12.32
December 9, 2010	B	11:18	—	NA	—	NA	—
2011							
January 4, 2011	A	11:45	7.74		2.28		12.56
January 4, 2011	B	11:45	—	NA	—	NA	—
February 9, 2011	A	11:18	7.58	[redacted]	0.46		14.67
February 9, 2011	B	11:18	—	NA	—	NA	—
March 8, 2011		10:53	7.41		2.79		15.84
April 14, 2011		11:13	7.22		8.04		13.77
May 5, 2011		11:07	6.76		12.34		10.35
May 12, 2011	A	11:03	—	NAPEFAI/EQF	16.34		9.00
May 12, 2011	B	11:03	—	NA	—	NA	—
May 24, 2011		11:03	7.50		16.70		8.97
June 1, 2011		11:00	7.80		20.87		10.54
June 8, 2011	A	11:05	7.59		21.81		8.00
June 8, 2011	B	11:05	—	NA	—	NA	—
June 15, 2011	A	11:00	7.34		20.66		6.53
June 15, 2011	B	11:00	—	NA	—	NA	—
June 27, 2011		10:55	7.63		24.28		7.57
July 11, 2011	A	11:04	7.94		26.43		7.96
July 11, 2011	B	11:04	—	NA	—	NA	—
July 26, 2011		10:52	8.19		26.73		7.87
August 2, 2011	A	10:50	7.33		25.85		4.34
August 2, 2011	B	10:50	—	NA	—	NA	—

August 10, 2011		11:35	7.53		26.62		6.08
August 16, 2011		10:59	7.37		25.23		5.60
August 23, 2011	A	10:52	8.03		25.63		7.85
August 23, 2011	B	10:52	—	NA	—	NA	—
September 7, 2011		11:16	7.61		22.05		7.35
September 20, 2011	A	10:43	7.65		19.01		7.57
September 20, 2011	B	10:43	—	NA	—	NA	—
September 27, 2011		10:48	7.37		20.79		5.34
October 24, 2011		11:08	7.66		16.33		7.55
November 1, 2011	A	11:04	7.88		12.36		9.85
November 1, 2011	B	11:04	—	NA	—	NA	—
December 19, 2011		11:21	7.92		6.08		12.60
2012							
January 10, 2012		10:34	7.76		5.96		10.45
February 7, 2012	A	11:18	7.75		4.90		10.67
February 7, 2012	B	11:18	—	NA	—	NA	—
March 6, 2012		11:20	7.80		5.31		11.36
April 17, 2012	A	11:31	7.71		14.13		8.62
April 17, 2012	B	11:31	—	NA	—	NA	—
May 7, 2012		10:34	7.48		14.10		9.32
May 14, 2012	A	10:45	7.76		16.80		8.66
May 14, 2012	B	10:45	—	NA	—	NA	—
May 30, 2012		11:21	7.62		21.55		7.51
June 5, 2012		10:54	7.18		20.15		4.82
June 11, 2012	A	10:48	—	NAPEFAI/EQF	22.16		4.28
June 11, 2012	B	10:48	—	NA	—	NA	—
June 19, 2012		10:44	—	NAPEFAI/EQF	21.83		3.94
July 2, 2012	A	10:44	—	NAPEFAI/EQF	23.94		3.46
July 2, 2012	B	10:44	—	NA	—	NA	—
July 10, 2012		10:54	8.30		26.61		9.41
July 17, 2012	A	10:49	8.15		26.92		8.13
July 17, 2012	B	10:49	—	NA	—	NA	—
August 1, 2012		10:37	7.30		24.79		4.40
August 7, 2012		10:51	7.60		27.00		7.30
August 14, 2012	A	10:44	7.92		26.82		8.18
August 14, 2012	B	10:44	—	NA	—	NA	—
August 21, 2012	A	10:55	7.37		25.45		5.30
August 21, 2012	B	10:55	—	NA	—	NA	—
August 29, 2012		11:00	7.32		25.10		6.29
September 13, 2012	A	10:51	7.80		23.80		7.75
September 13, 2012	B	10:51	—	NA	—	NA	—
October 17, 2012		09:20	7.53		16.84		6.95
November 19, 2012	A	09:16	7.72		9.32		10.75
November 19, 2012	B	09:16	—	NA	—	NA	—
November 20, 2012		10:11	7.72		9.21		9.58
November 21, 2012		10:00	7.70		9.19		9.78
December 6, 2012		09:57	7.82		7.93		10.47
2013							
January 9, 2013		09:51	7.78		4.46		11.51
February 5, 2013	A	09:34	7.70		1.60		13.23

February 5, 2013	B	09:34	—	NA	—	NA	—
March 11, 2013	A	09:23	7.69		3.61		13.06
March 11, 2013	B	09:23	—	NA	—	NA	—
April 4, 2013		09:40	7.84		5.89		10.99
May 6, 2013	A	11:10	7.77		14.34		8.93
May 6, 2013	B	11:10	—	NA	—	NA	—
May 14, 2013		10:40	7.65		15.38		8.20
May 22, 2013		10:33	7.66		17.56		7.74
May 30, 2013	A	10:37	7.66		17.04		8.27
May 30, 2013	B	10:37	—	NA	—	NA	—
June 5, 2013		10:28	7.76		20.68		7.98
June 18, 2013	A	10:49	7.65		21.00		7.80
June 18, 2013	B	10:49	—	NA	—	NA	—
June 25, 2013		10:45	7.50		22.29		6.52
July 9, 2013	A	11:21	7.84		26.77		8.00
July 9, 2013	B	11:21	—	NA	—	NA	—
July 16, 2013		11:05	7.73		26.64		6.55
July 23, 2013	A	11:08	7.53		25.79		4.79
July 23, 2013	B	11:08	—	NA	—	NA	—
July 31, 2013		11:00	7.88		25.50		7.51
August 6, 2013		10:58	7.85		24.02		7.33
August 20, 2013	A	11:15	7.72		23.11		5.58
August 20, 2013	B	11:15	—	NA	—	NA	—
August 27, 2013		11:22	7.83		24.02		6.56
September 4, 2013		11:04	7.98		23.88		7.44
September 9, 2013		11:14	7.75		22.53		6.42
September 25, 2013		10:33	7.96		19.55		7.34
October 1, 2013	A	11:18	7.85		19.72		8.94
October 1, 2013	B	11:18	—	NA	—	NA	—
November 21, 2013		11:24	8.05		8.80		9.87
December 3, 2013	A	11:05	7.77		7.42		9.23
December 3, 2013	B	11:05	—	NA	—	NA	—
2014							
March 4, 2014	A	10:50	7.74		0.16		13.41
March 4, 2014	B	10:50	—	NA	—	NA	—
April 10, 2014		11:18	7.60		5.75		15.19
May 6, 2014	A	11:04	7.98		11.73		12.11
May 6, 2014	B	11:04	—	NA	—	NA	—
May 14, 2014		11:00	7.57		12.48		9.16
May 21, 2014		11:20	7.53		15.74		10.54
June 3, 2014	A	11:04	7.65		19.36		9.37
June 3, 2014	B	11:04	—	NA	—	NA	—
June 12, 2014	A	11:05	7.50		18.00		10.02
June 12, 2014	B	11:05	—	NA	—	NA	—
June 24, 2014	A	10:40	7.55		21.51		7.65
June 24, 2014	B	10:40	—	NA	—	NA	—
June 30, 2014		10:49	7.65		23.39		7.16
July 7, 2014		11:15	7.92		23.69		8.31
July 16, 2014		10:36	7.67		23.53		6.06
July 22, 2014		10:49	7.97		24.59		7.96

July 29, 2014	A	11:04	7.79		23.48		6.54
July 29, 2014	B	11:04	—	NA	—	NA	—
August 5, 2014		10:49	7.73		24.21		7.48
August 11, 2014		11:05	7.46		22.58		4.89
August 19, 2014		10:57	7.69		22.58		7.52
September 4, 2014	A	11:36	7.58		24.12		7.83
September 4, 2014	B	11:36	—	NA	—	NA	—
September 10, 2014		11:38	7.78		—	NAPEFAI/EQF	—
September 16, 2014		11:00	7.70		21.92		6.82
September 23, 2014	A	11:28	7.52		21.56		7.12
September 23, 2014	B	11:28	—	NA	—	NA	—
September 29, 2014		11:09	7.41		21.41		6.67
November 25, 2014		11:18	7.46		9.49		10.85
December 1, 2014	A	11:04	7.54		7.99		12.54
December 1, 2014	B	11:04	—	NA	—	NA	—

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	87.2	1.7	1	59
	89.9	4.5	1.5	22
[redacted]				
	98.6	4.7	3	19
	94.7	7.7	3	10
	91.0	7.9	1	36
	99.7	6.6	2	22
	86.8	12.0	2	50
	—	—	2	24
	—	—	2	38
	95.7	—	2	17
	97.4	—	2	32
	69.7	—	—	38
	84.0	—	1	26
	142.5	5.64	—	10
	74.9	10.79	3	26
	68.7	3.60	3	14
	106.7	9.84	4	15
	120.2	2.64	4	4
	87.2	0.71	3	15
	94.0	1.85	4	5
	74.7	17.3	2	30
[redacted]				
	93.3	7.10	—	10
	—	1.30	6	64
	94.3	8.00	1	75
	110.7	2.88	1	20
	111.4	5.75	1	24
	108.3	3.19	2	14
	95.7	16.87	1	29
	90.9	16.44	1	55
	91.4	11.90	2	18
	74.8	10.54	1.5	14
	85.4	12.90	2	17
	99.4	9.90	2	32
	87.9	16.05	2	19
	69.6	11.01	2.5	18
	109.2	9.52	—	7
	—	—	—	12
	91.6	10.71	3	12
	83.5	15.28	3	18
	114.4	12.78	4	22
	112.0	13.43	4	14
	66.1	19.47	1.5	34
	71.7	20.46	3	22
	94.4	4.50	1.5	17

119.5	6.92	<1	33
110.5	10.37	<1	40
106.0	17.11	<1	70
95.2	16.52	1	34
99.2	6.44	<1	12
101.7	7.58	1	36
105.8	3.23	1	34
98.3	9.10	2	19
76.0	5.55	2	10
116.9	9.89	—	40
76.9	7.96	—	16
92.0	3.95	—	6
107.8	14.19	1	28
70.9	10.42	1	22
78.4	13.66	—	18
80.4	9.45	4	12
77.7	15.05	3	18
72.9	12.63	4	10
74.6	12.26	3	14
93.0	11.67	4	10
94.5	8.26	2	15
89.5	8.83	3	8
102.7	1.34	1	24
85.8	6.82	1	38
82.0	22.91	2	50
109.2	4.18	1	15
111.2	5.04	1	17
82.0	15.71	3	18
77.3	18.05	2	29
121.0	24.28	2	34
81.5	14.44	3	28
79.2	13.72	3	16
86.4	9.64	2	20
96.8	6.40	1	35
88.2	13.79	3	20
92.1	10.32	2	20
91.1	14.16	2	40
103.2	0.42	1	46
89.9	6.26	1	52
92.2	4.86	2	18
113.4	8.21	3	12
106.1	11.93	3	12
75.7	10.72	2	17
92.2	12.93	3	17
127.7	6.62	3	9
72.6	12.31	3	40

	70.5		14.00		2		36	
	89.6		8.50		3		7	
	—		—		—		8	
	45.9		14.88		2		53	
	—		—		—		53	
	63.8		8.44		5		7	
	—		—		—		8	
	74.0		8.11		2		28	
	—		—		—		24	
	100.2		6.90		2		11	J-QC/FLD/RPO
	—		—		—		12	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	11.52		1		44	
	—		—		—		47	
NAPEFAI/EQF	—	NAPEFAI/EQF	10.66		2		18	
	—		—		—		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	13.93		2		12	
	—		—		—		14	
NAPEFAI/EQF	—	NAPEFAI/EQF	7.44		2		18	
	—		—		—		23	
	86.1		4.65		3		7	
	—		—		—		8	
	75.1		2.51		1		36	
	—		—		—		36	
	90.9		6.25		2		24	
	106.1		6.79		3		10	J-QC/FFD/RPO
	—		—		—		17	J-QC/FFD/RPO
	66.2		13.56		3		18	
	—		—		—		20	
	81.7		4.57		2		8	
	—		—		—		10	
	80.8		5.41		3		18	J-QC/FFB
	—		—		—		16	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	14.37		2		47	
	—		—		—		54	
NAPEFAI/EQF	—	NAPEFAI/EQF	5.54		2		10	
	—		—		—		8	
NAPEFAI/EQF	—	NAPEFAI/EQF	10.27		3		12	
	—		—		—		10	
NAPEFAI/EQF	—	NAPEFAI/EQF	12.19		2		26	
	—		—		—		30	
NAPEFAI/EQF	—	NAPEFAI/EQF	14.00		2		66	J-QC/FFD/RPO
	—		—		—		44	J-QC/FFD/RPO
	110.6		8.82		2		38	J-QC/FFD/RPO
	152.6		1.10		2		20	
	105.6		7.52		3		18	J-QC/FFD/RPO
	104.5		4.35		2		8	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	12	J-QC/FFD/RPO
	97.9		8.52		2		33	

	95.5		10.65		3		30	
	110.0		14.82		3		22	
NA	—	NA	—	NA	—	NA	27	
	140.6		8.46		3		10	
	109.7		10.79		3		9	J-QC/FFD/RPO
	81.5		9.60		2		30	J-QC/FFD/RPO
	78.8		15.60		3		56	
NA	—	NA	—	NA	—	NA	58	
	129.7		11.96		2		30	
NA	—	NA	—	NA	—	NA	36	
	89.9		11.06		4		36	J-QC/FFB/FLDRPO
	66.2		16.89		2		56	
NA	—	NA	—	NA	—	NA	64	
	88.5		12.11		5		44	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	25	J-QC/FFD/RPO
	135.7		7.20		3		10	
NA	—	NA	—	NA	—	NA	12	
	64.6		16.22		3		26	
NA	—	NA	—	NA	—	NA	26	
	87.4		10.01		5		24	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	15	J-QC/FFD/RPO
	85.8		25.52		2		46	
NA	—	NA	—	NA	—	NA	45	
	87.1		8.71		4		20	
NA	—	NA	—	NA	—	NA	21	
	97.4		7.77		2		32	
	97.0		2.45		3		22	
NA	—	NA	—	NA	—	NA	28	
[redacted]								
	101.8		16.06		2		36	J-QC/FFB/FFDRPO
NA	—	NA	—	NA	—	NA	52	J-QC/FFB/FFDRPO
[redacted]	107.2	[redacted]	8.03		2		50	[redacted]
NA	—	NA	—	NA	—	NA	48	
	116.2		0.33		2		58	
	120.9		5.63		1		56	
	97.9		2.16		3		23	J-QC/FFD/RPO
	93.3		2.43		1		22	
NA	—	NA	—	NA	—	NA	16	
	92.4		0.59		3		24	
	121.8		5.01		4		21	
	93.9		4.94		3		40	
NA	—	NA	—	NA	—	NA	36	
	77.5		10.51		4		17	
NA	—	NA	—	NA	—	NA	17	
	92.2		3.45		2		10	J-QC/FFD/RPO
	102.1		5.64		3		16	
NA	—	NA	—	NA	—	NA	16	
	102.3		6.49		3		20	J-QC/FLD/RPO
	57.9		14.94		3		59	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	52	J-QC/FLD/RPO

	81.1		12.21		3		16	
	73.1		12.90		2		16	
	99.6		6.36		4		22	
NA	—	NA	—	NA	—	NA	20	
	84.3		0.84		1		80	
	82.7		2.27		3		10	
NA	—	NA	—	NA	—	NA	12	
	64.3		14.12		3		47	
	81.5		9.25		1		39	
	93.3		2.21		3		44	J-QC/FFB
NA	—	NA	—	NA	—	NA	46	J-QC/FFB
	104.6		4.78		1		28	
[redacted]								
	92.5		14.93		2		39	
	91.8		14.65		3		30	
NA	—	NA	—	NA	—	NA	30	
	96.7		11.22		4		32	
	91.1		13.44		1		135	
NA	—	NA	—	NA	—	NA	144	
	95.0		11.80		1		78	
	91.9		2.88		2		23	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	24	J-QC/FLD/RPO
	88.6		6.90		2		24	
	57.1		12.15		2		44	
	50.4		4.96		2		24	J-QC/FFB
NA	—	NA	—	NA	—	NA	25	J-QC/FFB
	47.7		10.45		3		36	
	44.4		13.80		3		58	
NA	—	NA	—	NA	—	NA	47	
	123.4		9.92		2		38	J-QC/FLD/RPO
	108.7		11.34		3		18	J-QC/FFD/FLDRPO
NA	—	NA	—	NA	—	NA	32	J-QC/FFD/FLDRPO
	58.8		19.12		2		34	J-QC/FLD/RPO
	98.1		12.42		4		36	
	109.4		12.16		3		31	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	36	J-QC/FLD/RPO
	69.9		15.04		3		46	
NA	—	NA	—	NA	—	NA	45	
	83.9		17.74		2		34	
	99.4		13.21		3		30	
NA	—	NA	—	NA	—	NA	24	
	78.7		15.74		1		200	J/OUT
	101.0		11.65		1		60	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	69	J-QC/FLD/RPO
	89.8		11.75		1		58	
	91.7		11.24		—	NRP	—	NA
	94.6		10.66		2		54	J-QC/FLD/RPO
[redacted]								
	99.6		16.90		1		80	
	100.7		9.19		2		46	J-QC/FFB

NA	—	NA	—	NA	—	NA	43	J-QC/FFB
	107.4		12.61		1		74	
NA	—	NA	—	NA	—	NA	68	
	93.2		8.59		1		80	
	91.3		6.86		1		49	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	18	J-QC/FFD/RPO
	85.4		6.76		3		28	
	86.5		9.99		2		46	
	88.2		5.00		1		48	
NA	—	NA	—	NA	—	NA	48	
	90.8		3.79		4		22	
	87.5		1.06		3		50	
NA	—	NA	—	NA	—	NA	55	
	77.9		6.17		1		40	
	101.6		3.63		2		24	
NA	—	NA	—	NA	—	NA	23	
	83.8		5.25		3		32	J-QC/FLD/RPO
	65.5		17.76		4		55	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	59	J-QC/FLD/RPO
	94.7		5.98		2		136	
	93.4		10.97		3		14	J-QC/FLD/RPO
	72.3		18.75		3		42	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	43	J-QC/FLD/RPO
	83.4		11.25		4.5		31	
	94.3		11.51		6		10	J-QC
	80.0		13.28		4		38	
	84.5		9.91		3.5		27	
	105.6		11.26		5		8	
NA	—	NA	—	NA	—	NA	10	
	90.9		10.88		3		29	
	89.6		23.67		2		57	
NA	—	NA	—	NA	—	NA	56	
[redacted]								
	100.1		11.97		2		82	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	76	J-QC/FLD/RPO
	123.2		2.21		2		16	
	112.9		1.97		1		29	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	30	J-QC/FLD/RPO
	93.1		12.83		1		38	
	108.1		2.95		1		49	
	104.7		4.38		3		34	
NA	—	NA	—	NA	—	NA	33	
	115.8		12.97		1		40	
NA	—	NA	—	NA	—	NA	44	
	91.5		8.95		3		23	J-QC/FFB
NA	—	NA	—	NA	—	NA	22	J-QC/FFB
	87.7		5.73		2		16	
	100.8		4.38		5		16	
	75.3		9.21		3		34	
	98.5		5.40		2		11	

	81.1		10.21		3		42	
NA	—	NA	—	NA	—	NA	48	
	92.8		6.93		3		28	
	63.1		19.42		4		72	
	92.1		10.45		2		24	J-QC/FLD/RPO
	98.2		8.55		5		28	
NA	—	NA	—	NA	—	NA	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	5		44	
	83.1		11.15		2		24	
	88.2		16.43		4		32	
NA	—	NA	—	NA	—	NA	36	
	85.1		14.54		4		33	
	107.7		19.64		1		104	
	113.8		11.20		1		44	
NA	—	NA	—	NA	—	NA	52	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.47	<2	<0.09	0.019
1.11	<2	0.11	0.020
[redacted]			
0.72	<2	0.12	0.016
0.92	2	<0.19	0.017
0.40	2	<0.19	0.030
0.33	2	<0.19	0.773
0.60	2	<0.19	0.037
0.69	2	<0.19	0.048
0.35	2	<0.19	0.039
0.92	2	<0.19	0.036
3.88	<2	<0.19	0.043
—	<2	<0.19	0.066
0.76	—	—	0.057
2.45	5	<0.19	0.025
3.11	5	<0.19	0.034
2.11	<2	<0.19	0.036
2.27	2	0.28	0.059
0.72	<2	<0.19	0.027
1.11	<2	<0.19	0.011
0.65	2	<0.19	0.016
0.92	4	<0.19	0.040
[redacted]			
0.77	<2	<0.19	0.025
1.47	<2	<0.19	0.050
0.76	4	<0.19	0.040
0.56	4	<0.19	0.034
0.93	<2	<0.19	0.073
0.58	<2	<0.19	0.029
0.86	4	<0.19	0.071
1.00	<2	<0.27	0.075
0.89	<2	<0.27	0.089
0.84	<2	<0.27	0.031
0.64	<2	<0.27	0.042
0.92	<2	<0.27	0.028
0.78	<2	<0.27	0.042
1.07	4	<0.27	0.035
0.39	<2	<0.27	0.016
0.78	<2	<0.27	0.029
0.86	<2	<0.27	0.032
0.62	<2	<0.27	0.111
0.59	—	<0.27	0.160
0.65	3	<0.27	0.116
0.80	<2	<0.27	0.116
1.18	<2	<0.27	0.140
0.88	3	<0.27	0.022

[redacted]			
<1.00	7	<0.27	0.023
0.86	<2	<0.27	0.029
<1.00	<2	<0.27	0.032
1.54	<2	<0.27	0.039
<0.30	<2	<0.295	0.033
1.11	3	<0.295	0.064
0.48	<2	<0.295	0.035
0.37	—	<0.295	0.035
0.46	3	<0.295	0.258
0.44	<2	<0.295	0.038
0.58	2	<0.295	0.025
0.97	4	<0.295	0.013
1.50	—	<0.295	0.022
1.48	<2	0.59	0.027
1.29	—	<0.295	0.036
<1.00	<2	<0.295	0.054
<1.00	7	<0.295	0.070
0.68	<2	<0.295	0.101
0.52	—	<0.295	0.157
0.49	<2	<0.295	0.080
0.65	<2	<0.295	0.016
0.63	<2	<0.295	0.015
[redacted]			
0.50	—	<0.295	0.024
0.61	<2	<0.295	0.032
0.59	<2	<0.295	0.031
0.56	—	<0.039	0.020
0.62	—	0.213	0.019
0.59	<2	0.099	0.179
0.51	<2	0.078	0.246
0.69	<2	0.276	0.096
0.91	<2	0.154	0.133
0.75	<2	0.146	0.186
0.58	<2	0.107	0.094
0.56	<2	0.236	0.016
0.75	<2	0.134	0.031
[redacted]			
0.84	<2	0.207	0.020
1.09	<2	0.289	—
1.41	<2	0.183	0.019
1.09	<2	0.217	0.029
0.36	<2	0.149	0.027
0.68	<2	<0.017	0.016
0.62	<2	0.045	0.023
0.30	<2	0.153	0.023
0.70	<2	0.072	0.026
0.75	<2	<0.017	0.023
1.02	<2	0.257	0.029

0.48		<2		0.167		0.048
1.18		<2		0.086		0.086
0.97		<2		0.086		0.086
0.55		—		0.134		–
0.92		<2		0.120		0.141
0.73		<2		0.048		0.122
0.76		<2		0.067		0.122
[redacted]						
1.09	BJ-QC/FBK/FFBFLS	<2	K	0.387	J-QC/FMS	0.025
1.09	BJ-QC/FBK/FFBFLS	<2	K	0.382	J-QC/FMS	0.016
1.03	BJ-QC/FBK/FFB	<2	K	0.301		0.022
1.34	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.290		0.029
1.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.308		0.034
1.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.318		0.035
1.31	BJ-QC/FBK/FFBFLS	<2	K	0.224		0.044
1.32	BJ-QC/FBK/FFBFLS	<2	K	0.209		0.042
0.86	BJ-QC/FBK/FFBFLS	<2	K	<0.018	KJ-QC/FMS	0.039
0.92	BJ-QC/FBK/FFBFLS	<2	K	<0.018	KJ-QC/FMS	0.035
0.92	BJ-QC/FBK/FFBFFDRPO	<2	K	0.120		0.031
1.25	BJ-QC/FBK/FFBFFDRPO	<2	K	0.099		0.028
0.74		<2	K	0.115		0.028
0.66	J-QC/FLS	<2	K	0.099		0.028
1.79	BJ-QC/FBK/FFB	<2	K	0.151		0.024
1.37	BJ-QC/FBK/FFB	<2	K	0.193		0.020
0.82	BJ-QC/FBK/FFB	<2	K	0.036		0.018
0.81	BJ-QC/FBK/FLS	4	J-QC/FFD/RPOFLS	0.025	J-RJ-QC/FFD/RPO	0.015
0.76	BJ-QC/FBK/FLS	<2	KJ-QC/FFD/RPOFLS	<0.018	KJ-QC/FFD/RPO	0.016
1.83	J-QC/FFD/RPO	6	J-QC/FLS	<0.018	K	0.032
1.04	J-QC/FFD/RPO	5	J-QC/FLS	<0.018	K	0.032
1.04	BJ-QC/FBK/FFB	<2	K	<0.018	KJ-QC/FFD/RPO	0.016
0.95	BJ-QC/FBK/FFB	<2	K	0.025	J-RJ-QC/FFD/RPO	0.012
0.71	J-QC/FLS	<2	KJ-QC/FLS	<0.018	K	0.020
0.74		<2	KJ-QC/FLS	<0.018	K	0.019
1.16	BJ-QC/FBK/FFBFLS	<2	K	0.036	J-QC/FFD/RPO	0.034
1.11	BJ-QC/FBK/FFB	<2	K	0.020	J-RJ-QC/FFD/RPO	0.034
1.08	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.012
1.10	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.009
1.06	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.018	K	0.017
1.10	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	<0.018	K	0.016
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	0.178		0.031
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	0.180		0.033
1.01	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.055
0.92	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.054
1.39	BJ-QC/FBK/FFBFLS	<2	K	0.376		0.025
[redacted]						
1.07	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.065		0.0175
1.14	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.191		0.0124
1.53	BJ-QC/FBK/FFB	<2	KJ-HT/EHT	0.176	J-QC/FFD/RPO	0.0258
1.41	BJ-QC/FBK/FFB	<2	KJ-HT/EHT	0.111	J-QC/FFD/RPO	0.0276
1.44	BJ-QC/FBK/FFBFLS	<2	K	0.156	J-QC/FMS	0.0298

<0.30	KBJ-QC/FBK/FFBFLS	<2	K	0.151		0.0456
0.83	BJ-QC/FBK/FFBFLS	<2	K	0.196		0.0757
0.75	BJ-QC/FBK/FFBFLS	<2	K	0.196		0.0767
1.75	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	<0.0175	KJ-QC/FMS	0.0295
1.39	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.347		0.0407
1.25	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.146		0.0243
0.83	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	KJ-QC/FFD/RPO	0.0427
1.00	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.020	J-RJ-QC/FFD/RPO	0.0421
1.30	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.045		0.0250
1.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.035		0.0250
1.05	BJ-QC/FBK/FFB	<2	K	0.162		0.0126
0.65	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.262		0.0322
0.65	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.252		0.0327
1.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.089	J-QC/FSL	0.0204
1.41	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.100	J-QC/FSL	0.0195
1.58	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.0744
1.79	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.0714
1.20	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB/FLS	0.309		0.0507
0.71	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB/FLS	0.335		0.0491
1.54	BJ-QC/FBK/FFBFLS	<2	K	0.189		0.0629
1.42	BJ-QC/FBK/FFBFLS	<2	K	0.173		0.0647
1.29	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.309		0.0745
0.86	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.294		0.0752
1.31	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.1126
1.06	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.0175	K	0.1141
1.71	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.065		0.0136
1.57	BJ-QC/FBK/FFB	<2	K	0.156		0.0150
1.67	BJ-QC/FBK/FFB	<2	K	0.161		0.0148
[redacted]						
1.16	BJ-QC/FBK/FFBFLS	<2	K	0.287		0.0297
1.18	BJ-QC/FBK/FFBFLS	<2	K	0.297		0.0284
1.24	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.419	[redacted]	0.0221
1.10	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.429		0.0224
1.79	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.167		0.0199
1.36	BJ-QC/FBK/FFB	<2	K	0.188		0.0244
1.90	BJ-QC/FBK/FFB	<2	K	0.109	J-QC/FMS	0.0113
0.90	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.076	J-QC/FMS	0.0161
0.88	BJ-QCJ-HT/FBK/FFBFLSEHT	—	A/LBF	0.082	J-QC/FMS	0.0165
1.40	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.103		0.0202
1.10	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.076		0.0293
1.18	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.109		0.0256
1.40	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.109		0.0240
0.72	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.229		0.0338
1.50	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.212		0.0347
1.26	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.071		0.0382
1.33	BJ-QC/FBK/FFBFLS	<2	K	0.053	J-RJ-QC/FFB	0.0167
1.47	BJ-QC/FBK/FFBFLS	<2	K	0.043	J-RJ-QC/FFB	0.0166
1.30	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.250		0.0145
1.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.370		0.0360
1.31	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.327		0.0359

1.94	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.327	J-QC/FFD/RPO	0.0208
1.36	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.310	J-QC/FFB	0.0187
1.22	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.142		0.0205
1.32	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.114		0.0227
1.10	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.147	J-QC/FMS	0.0815
1.17	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.113		0.0460
0.98	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.113		0.0441
1.15	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.257		0.0447
1.86	BJ-QC/FBK/FFBFLS	<2	K	0.170		0.0304
2.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0293	KJ-QC/FSL/FMS	0.0302
2.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0293	KJ-QC/FSL/FMS	—
1.33	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.160	J-QC/FMS	0.0443
[redacted]						
1.19	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.133		0.0415
1.20	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFD/RPOFLS	0.406	J-QC/FSL	0.0250
1.10	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPOFLS	0.416	J-QC/FSL	0.0260
1.36	BJ-QCJ-HT/FBK/FFBFLSEHT	4		0.327	J-QC/FSL/FMS	0.0291
1.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.178	J-QC/FLD/RPOFMS	0.0658
1.25	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.162	J-QC/FLD/RPOFMS	0.0669
1.88	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.251	J-QC/FSL/FMS	0.0871
1.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.062	J-R	0.0364
1.59	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.058	J-R	0.0332
1.28	BJ-QC/FBK/FFBFLDRPO	<2	K	0.110	J-QC/FSL	0.0376
1.27	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.120	J-QC/FMS	0.0465
1.57	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	KJ-QC/FMS	0.0253
1.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	KJ-QC/FMS	0.0236
0.97	BJ-QC/FBK/FFBFLS	<2	K	0.126		0.0274
0.74	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.222	J-QC/FMS	0.0314
0.64	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.201	J-QC/FMS	0.0316
1.35	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	<0.0378	K	0.0147
1.29	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0378	K	0.0170
2.55	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0378	K	0.0175
0.77	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.143		0.0339
1.51	BJ-QC/FBK/FFBFLS	<2	K	0.095		0.0149
1.52	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.132		0.0332
1.50	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.111		0.0329
0.62	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.158		0.0766
0.51	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.164		0.0767
0.53	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.053	J-R	0.1959
0.57	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.137	J-QC/FSL	0.1664
0.50	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.158	J-QC/FSL	0.1676
1.46	BJ-QC/FBK/FFB	<2	K	0.195		0.0493
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.448	J-QC/FFB/FMS	0.0201
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.443	J-QC/FFB/FMS	0.0214
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.126	J-QC/FMS	0.0274
—	NA	—	NA	—	NA	—
—	NA	<2	K	0.224		0.0241
[redacted]						
—	NA	<2	K	0.140	J-QC/LLS/FMS	0.0283
—	NA	<2	KJ-QC/FMS	0.268	J/LLS	0.0155

—	NA	<2	KJ-QC/FMS	0.297	J/LLS	0.0147
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.382	J/LLS	0.0333
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.354	J/LLS	0.0338
—	NA	<2	K	0.217	J-QC/LLS/FMS	0.0294
—	NA	<2	KJ-QC/FMS	0.062	J-QC/LLS/FFDRPO	0.0491
—	NA	<2	KJ-QC/FMS	0.040	J-RJ-QC/LLS/FFDRPO	0.0461
1.26	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.131	J-QC/LLS/FMS	0.0537
1.56	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.437	J-QC/FSL	0.0432
1.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.057	J-QC/LLS/FMS	0.0394
1.34	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.062	J-QC/LLS/FMS	0.0322
1.20	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	<0.0217	K	0.0182
1.65	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.023	RJ-QC/LLS/FFDRPOFM	0.0218
1.66	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	<0.0217	KJ-QC/FFD/RPOFMS	0.0217
1.46	BJ-QC/FBK/FFBFLS	<2	K	0.216	J/LLS	0.0315
1.21	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	KJ-QC/FSL	0.0178
1.12	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	KJ-QC/FSL	0.0191
1.47	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0142
0.33	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0342
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0359
1.30	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0192
1.10	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0211
1.19	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	<0.0911	K	0.0191
1.41	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	<0.0911	K	0.0222
1.27	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	<0.0911	K	0.0162
1.07	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0270
1.30	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.211	J/LLS	0.0240
1.04	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.133	J-R/LLS	0.0892
1.04	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.145	J-RJ-QC/LLS/FMS	0.0589
1.05	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.121	J-RJ-QC/LLS/FMS	0.0605
1.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.397	J/LLS	0.0236
1.09	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.174	J-R/LLS	0.0300
0.79	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.169	J-R/LLS	0.0295
[redacted]						
1.99	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.303	J/LLS	0.0316
1.74	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.281	J/LLS	0.0337
0.55	BJ-QC/FBK/FFBFMS	<2	K	0.131	J/LLS	0.0155
1.92	BJ-QC/FBK/FFB	<2	K	0.028	J-RJ-QC/LLS/FFB	0.0267
1.50	BJ-QC/FBK/FFB	<2	K	0.057	J-QC/LLS/FFB	0.0300
1.34	BJ-QC/FBK/FFBFMS	<2	K	0.176	J-QC/LLS/FFBFLDRPC	0.0254
1.58	BJ-QC/FBK/FFB	<2	K	0.148	J-QC/LLS/FFB	0.0267
1.57	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.097	J/LLS	0.0259
1.78	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.142	J/LLS	0.0236
1.25	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.080	J-QC/LLS	0.0300
1.02	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC	0.068	J-QC/LLS	0.0301
1.44	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.151	J-QC/LLS/FFDRPO	0.0268
1.47	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.279	J-QC/LLS/FFDRPO	0.0245
1.93	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FSL	0.0601
1.22	BJ-QC/FBK/FFB	<2	KJ-QC	<0.0267	K	0.0139
1.26	BJ-QC/FBK/FFB	<2	KJ-QC	0.212	J-QC/LLS/FFB	0.0189
1.73	BJ-QC/FBK/FFBFMS	<2	KJ-HT	0.028	J-R/LLS	0.0127

1.20	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.0158
1.33	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.0167
1.62	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FMS	0.0096
0.91	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.435	J-QC/FSL	0.0243
1.41	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0118
1.34	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0248
1.15	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0240
0.69	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0412
1.17	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.034	J-R/LLS	0.0900
0.90	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.215	J/LLS	0.0904
0.76	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.192	J/LLS	0.0915
1.60	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.1215
0.94	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.210	J/LLS	0.0381
1.48	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.216	J/LLS	0.0282
1.47	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.182	J/LLS	0.0250

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
[redacted]				
	10.96	0.258	0.23	0.39
	0.44	1.030	0.08	0.44
[redacted]				
	0.52	0.137	0.09	0.48
	0.53	0.073	0.07	0.37
	0.71	0.121	0.17	0.8
	1.00	0.101	0.18	0.45
	0.51	0.127	0.16	2.14
	0.58	0.141	0.17	1.8
	0.66	0.159	0.21	2.3
	0.60	0.118	0.12	7.2
	0.61	0.147	0.18	4.9
	0.49	0.142	0.16	2.52
	0.80	0.223	—	4.84
	0.35	0.120	0.08	10.31
	0.43	0.130	0.15	3.46
	0.71	0.158	0.16	6.40
	0.62	0.155	0.17	5.74
	0.86	0.089	0.10	6.93
	0.61	0.111	0.11	3.48
	0.64	0.083	0.08	2.43
	1.06	0.174	0.16	2.24
[redacted]				
	0.71	0.129	0.12	0.65
	0.54	0.222	0.50	0.93
	0.51	0.231	0.72	0.85
	0.72	0.600	0.24	<0.46
	0.54	0.141	0.25	1.89
	0.64	0.085	0.13	3.68
	0.55	0.127	0.16	—
	0.38	0.098	0.19	—
	0.61	0.129	0.18	—
	0.85	0.107	0.17	—
	0.60	0.131	0.10	—
	0.58	0.154	0.14	—
	0.67	0.138	0.18	—
	0.50	0.167	0.35	—
	0.42	0.143	0.17	—
	0.60	0.129	0.15	—
	0.41	0.127	0.10	—
	0.58	0.153	0.15	—
	0.37	0.117	0.10	—
	0.62	0.138	0.10	—
	0.75	0.221	0.26	—
	0.70	0.205	0.24	—
	0.59	0.113	0.18	—

0.59	0.08	0.26	—
0.64	0.124	0.39	—
0.56	0.194	0.32	—
0.34	0.162	0.20	—
0.54	0.064	0.08	—
0.48	0.115	0.22	—
0.74	0.086	0.16	—
0.72	0.102	—	—
0.49	0.084	0.07	—
0.37	0.092	0.14	—
0.49	0.108	0.16	—
0.48	0.101	0.12	—
0.17	0.132	0.14	—
0.39	0.124	0.12	—
0.38	0.098	0.08	—
0.52	0.075	0.09	—
0.77	0.142	0.14	—
0.89	0.124	0.13	—
0.56	0.125	0.12	—
0.61	0.123	0.12	—
0.59	0.112	0.13	—
0.47	0.032	0.05	—
0.521	0.114	0.12	0.8
0.581	0.123	0.17	1.0
0.434	0.143	0.16	1.7
0.710	0.093	0.08	22.4
0.474	0.056	0.09	11.6
0.864	0.155	0.11	8.2
1.03	—	0.15	2.2
0.528	0.17	0.19	4.5
0.716	0.14	0.14	5.6
0.830	0.13	0.11	5.6
0.808	0.24	0.13	<3.0
0.713	0.11	0.10	<3.0
0.739	0.13	0.13	<3.0
0.512	0.08	0.07	<1.1
0.612	0.28	0.14	<1.1
0.618	0.06	0.15	1.6
0.535	0.10	0.06	—
0.800	0.06	0.03	4.6
0.428	0.06	0.06	11.8
0.798	0.05	0.07	7.0
0.558	0.21	0.06	3.3
0.316	0.14	0.09	6.2
0.825	0.09	0.09	4.5
2.34	0.12	0.15	11.9

	0.538		0.14		0.15		<2.4
	0.434		0.09		0.10		5.9
	0.307		0.10		0.09		4.6
	–		0.19		0.17		4.9
	0.769		0.17		0.17		4.9
	0.877		0.11		0.11		5.1
	0.861		0.09		0.11		5.0
[redacted]							
J-QC/FFD/RPO	0.545		0.08	J-QC/FFD/RPO	0.10		6.6
J-QC/FFD/RPO	0.612		0.11	J-QC/FFD/RPO	0.12		6.5
	0.864	J-QC/FLS	0.07	J-QC/FFD/RPO	0.07		6.3
	0.655	J-QC/FLS	0.05	J-QC/FFD/RPO	0.07		6.4
	0.387		0.11		0.11		14.0
	0.353		0.09		0.10		—
	0.464		0.15	J-QC/FFB	0.16	J-QC/FFB/FFDRPO	6.0
	0.432		0.15	J-QC/FFB	<0.05	KJ-QC/FFB/FFDRPO	6.0
J-QC/FFB	0.751		0.11		0.11	J-QC/FFD/RPO	17.0
J-QC/FFB	0.719		0.09		0.08	J-QC/FFD/RPO	17.1
	0.722	J-QC/FFB	0.08		0.11	J-QC/FFD/RPO	0.9
	0.595	J-QC/FFB	0.07		0.07	J-QC/FFD/RPO	0.9
J-QC/FFB	0.542		0.08		0.08		0.9
J-QC/FFB	0.496		0.07		0.07		0.9
	0.368		0.12		0.14		1.8
	0.376		0.10		0.12		1.7
	0.696	J-QC/FFB	0.11	J-QC/FFD/RPO	0.07		2.5
	0.181		<0.05	K	0.05		23.1
	0.188		<0.05	K	0.05		22.8
	0.306		0.17	J-QC/FFB	0.11		4.5
	0.284		0.20	J-QC/FFB	0.11		—
	0.430	J-QC/FFB	0.12		0.09		4.3
	0.413	J-QC/FFB	0.10		0.08		4.3
J-QC/FFB	0.858		0.09	J-QC/FFD/RPO	0.10		2.1
J-QC/FFB	0.868		0.16	J-QC/FFD/RPO	0.09		2.5
	0.375		0.16	J-QC/FFB	0.17		5.0
	0.339		0.19	J-QC/FFB	0.16		4.9
	0.371		0.09		0.09		1.5
	0.358		0.08		0.09		1.7
	0.419		0.11		0.10		6.9
	0.386		0.10		0.10		6.1
	0.666		0.13	J-QC/FFD/RPO	0.05		—
	0.530		0.18	J-QC/FFD/RPO	0.05		—
	0.611		0.14		0.13		3.4
	0.600		0.13		0.13		3.5
J-QC/FFB	0.730		0.14		0.15		1.1
[redacted]							
J-QC/FFB	0.610		0.08		0.10		2.0
	0.362	J-QC/FFD/RPO	0.11		0.10		1.1
	0.595		0.09	J-QC/FLD/RPO	0.09		1.5
	0.576		0.08	J-QC/FLD/RPO	0.08		<1.3
	0.475		0.11		0.11		1.6

J-QC/FFB	0.416		0.11		0.10		1.3
	0.488		0.16		0.16	J-QC/FFD/RPO	2.2
	0.459		0.12		0.11	J-QC/FFD/RPO	2.1
J-QC/FFB	0.290		0.06		0.05	J-QC/FLS	25.0
	0.487		0.18	J-QC/FFB	0.10		2.8
	0.413		0.11	J-QC/FFB	0.10		16.5
J-QC/FFB	0.301		0.23	J-QC/FFB	0.14		3.5
J-QC/FFB	0.288		0.18	J-QC/FFB	0.14		3.1
J-QC/FFB	0.214		0.11		0.09		4.1
J-QC/FFB	0.230		0.12		0.09		6.0
	0.104		0.09		0.07		5.2
	0.263		0.19		0.16		6.4
	0.273		0.15		0.13		4.0
	0.161	J-QC/FFD/RPO	0.15		0.12		11.8
	0.118	J-QC/FFD/RPO	0.14		0.10		12.0
	0.197	J-QC/FFD/RPO	0.13		0.08		17.8
	0.381	J-QC/FFD/RPO	0.10		0.08		24.1
	0.258	J-QC/FFB	0.20		0.16		2.1
	0.258	J-QC/FFB	0.16		0.15		1.6
	0.368		0.18		0.13		7.4
	0.377		0.16		0.11		7.7
	0.403		0.16		0.15		3.5
	0.534		0.19		0.18		3.0
	0.735		0.17		0.17		<1.3
	0.608		0.15		0.13		<1.3
	0.588		0.11		0.09		<1.3
	0.362		0.14	J-QC/FFD/RPO	0.13	J-QC/FFD/RPO	1.8
	0.341		0.10	J-QC/FFD/RPO	0.08	J-QC/FFD/RPO	1.8
[redacted]							
	0.4890	J-QC/FFD/RPO	0.10		0.08	J-QC/FFD/RPO	<1.3
	0.7470	J-QC/FFD/RPO	0.11		0.11	J-QC/FFD/RPO	<1.3
J-QC/FFB	0.6880	J-QC/FFB	0.16	J-QC/FFB	0.10	[redacted]	2.3
J-QC/FFB	0.7770	J-QC/FFB	0.20	J-QC/FFB	0.10		1.9
	0.6677		0.26		0.26	J-QC/FLS	2.4
	0.8632	J-QC/FLS	0.10		0.11		1.7
	0.1927		0.09		0.09	J-QC/FFB	2.4
	0.3607		0.09		0.08		3.2
	0.3444		0.09		0.06		3.1
J-QC/FFB/FFDRPO	0.6111		0.06		0.08		2.7
	0.3162		0.07		0.06		2.4
	0.2686	J-QC/FFB	0.08	J-QC/FLS	0.08		5.49
	0.2546	J-QC/FFB	0.08	J-QC/FLS	0.07		6.16
	0.4234	J-QC/FLS	0.15	J-QC/FFD/RPO	0.09		4.17
	0.4258	J-QC/FLS	0.09	J-QC/FFD/RPO	0.09		4.49
	0.5150		0.05		0.06		2.9
	0.3969		0.09		0.08		6.5
	0.3819		0.08		0.07		6.0
J-QC/FFB	0.7693	J-QC/FFB	0.08		0.06		11.3
	0.3821		0.14		0.13	J-QC/FLS	12.9
	0.3796		0.13		0.13	J-QC/FLS	8.04

	0.4565	J-QC/FFB	0.14		0.13		13.2
	0.4318		0.13		0.14	J-QC/FFB	3.1
	0.2469		0.09	J-QC/FLS	0.06		17.2
	0.2631		0.08	J-QC/FLS	0.06		18.7
	0.6085		0.21	J-QC/FFB/FLDRPOFLS	0.26	J-QC/FFB	16.8
J-QC/FFB	0.4196		0.11		0.14		1.68
J-QC/FFB	0.3816		0.11		0.15		1.11
J-QC/FFB	0.4158		0.09		0.12		<0.913
J-QC/FFB	0.4456		0.14	J-QC/FLD/RPOFLS	0.11		1.66
J-QC/FFB	0.6751		0.12		0.12	J-QC/FFB	<0.913
A/LBF	0.6168		0.09		0.12	J-QC/FFB	<0.913
J-QC/FFB	0.5650		0.09		0.11		<0.913
[redacted]							
J-QC/FFB	0.5587	J-QC/FLS	0.09		0.08		0.929
J-QC/FFB	0.5929	J-QC/FFB	0.07		0.08		2.80
J-QC/FFB	0.5764	J-QC/FFB	0.08		0.07		3.20
J-QC/FFB	0.4896		0.09		0.08		1.60
J-QC/FFB	0.4630		0.10		0.10		1.00
J-QC/FFB	0.4073		0.10		0.09		4.60
J-QC/FFB	0.6301		0.12		0.09		1.77
J-QC/FFB	0.7572		0.09		0.08		2.76
J-QC/FFB	0.8001		0.11		0.10		2.37
J-QC/FFB	0.6330		0.10		0.09		1.63
J-QC/FFB	0.6338		0.14		0.14		6.43
J-QC/FFB	0.5757	J-QC/FLS	0.11		0.09		8.86
J-QC/FFB	0.6396	J-QC/FLS	0.10		0.09		8.75
	0.6404		0.10		0.12	J-QC/FFB	4.95
	1.3950	J-QC/FLS	0.13		0.12		2.85
	1.3973	J-QC/FLS	0.13		0.11		3.35
	0.3139		0.12		0.10		24.9
	1.0401		0.12	J-QC/FFD/RPO	0.09	J-QC/FFB	54.1
	1.0203		0.08	J-QC/FFD/RPO	0.07	J-QC/FFB	31.7
	0.4740	J-QC/FLS	0.16		0.19		10.0
	0.6405	J-QC/FLS	0.12		0.11		4.19
	0.7373	J-QC/FFD/RPO	0.13		0.10		13.8
	0.3353	J-QC/FFD/RPO	0.12		0.09		20.2
	0.6238	J-QCJ-HT/FFB/EHT	0.12		0.14		2.80
	0.5705	J-QCJ-HT/FFB/EHT	0.14		0.13		2.47
	0.5970		0.18		0.18		2.79
	0.5960		0.14	J-QC/FLS	0.12	J-QC/FFB	5.51
	0.5944		0.13	J-QC/FLS	0.12	J-QC/FFB	6.20
	0.7119	J-HT/EHT	0.37		0.17		0.973
J-QC/FFB	0.6119		0.19	J-QC/FFD/RPO	0.18	J-QC/FFD/RPO	0.85
J-QC/FFB	0.6062		0.10	J-QC/FFD/RPO	0.10	J-QC/FFD/RPO	1.25
J-QC/FFB	0.6057		0.28		0.27	J-QC/FLS	0.49
NA	—	NA	—	NA	—	NA	—
J-QC/FFB	0.5416		0.13		0.12		1.07
[redacted]							
J-QC/FFB	0.4745	[redacted]	0.11	J-QC	0.10	J-QC	1.52
J-QC/FFB	0.4802	J-QC/FLS	0.08	[redacted]	0.07	J-QC	0.738

J-QC/FFB	0.5090	J-QC/FLS	0.08	[redacted]	0.07	J-QC	1.01
	0.7553	J-QC/FFB/FLS	0.25	J-QC	0.21	J-QC	4.62
	0.7420	J-QC/FFB/FLS	0.24	J-QC	0.21	J-QC	2.79
J-QC/FFB	1.7362	[redacted]	0.10	J-QC/FFD/RPO	0.11	[redacted]	2.00
J-HT/EHT	0.8236	J-QC/FFB	0.12	[redacted]	0.10	J-QC	2.77
J-HT/EHT	0.9529	J-QC/FFB	0.10		0.09	J-QC	1.98
J-QC/FFB	1.0379	J-QC/FFB	0.10		0.10	[redacted]	0.354
J-QC/FFB	1.6023	[redacted]	0.10	J-QC/FLD/RPO	0.09		1.38
J-QC/FFB	0.6366		0.13	[redacted]	0.19	J-QCJ-HT/FFB/EHT	1.23
J-QC/FFB	0.6450		0.11		0.18	J-QCJ-HT/FFB/EHT	0.731
	0.3592	J-HT/EHT	0.07	J-QC/FMS	0.12	[redacted]	2.83
J-QC/FFB	0.6042	[redacted]	0.08	J-QC/FLD/RPO	0.09		3.76
J-QC/FFB	0.6149		0.07	J-QC/FLD/RPO	0.07		5.15
J-QC/FFB	0.6189		0.20	J-QC/FLD/RPO	0.12	J-QC/FLD/RPO	0.533
	0.8348		0.14	J-QC/FFB	0.13	[redacted]	21.8
	0.8473		0.16	J-QC/FFB	0.12		6.68
	0.5424		0.11	J-QC/FMS	0.07		7.52
J-QC/FFB	0.6424		0.12	[redacted]	0.12		6.78
J-QC/FFB	0.6558		0.12		0.12		2.88
J-QC/FFB	0.7232	[redacted]	0.12	J-QC/FLD/RPOFMS	0.24	[redacted]	5.55
	0.3560		0.10	J-QC/FFB	0.10		10.8
	0.5783	J-HT/EHT	0.13	[redacted]	0.14		12.4
	0.5610	J-HT/EHT	0.14		0.14		4.48
J-QC/FFB	0.6557	[redacted]	0.12	J-QC	0.12	J-QC	16.9
J-QC/FFB	0.2941	J-QC/FLS	0.10	[redacted]	0.08	[redacted]	11.7
J-QC/FFB	0.2820	[redacted]	0.12		0.09		1.94
J-QC/FFB	0.6332	J-QCJ-HT/FLS/EHT	0.11		0.13	J-QC/FFB	5.90
J-QC/FFB	0.5088	[redacted]	0.11	J-QC/FLD/RPOFMS	0.09	J-QC/FFB	1.71
J-QC/FFB	0.4751		0.10	J-QC/FLD/RPOFMS	0.09	J-QC/FFB	1.65
J-QC/FFB	0.7002		0.13	J-QC	0.12	J-QC	2.13
	0.4579		0.17	[redacted]	0.12	J-QC/FFD/RPO	2.08
	0.4861		0.22		0.19	J-QC/FFD/RPO	1.96
[redacted]							
	0.5816	J-HT/EHT	0.20		0.19		1.67
	0.6249	J-HT/EHT	0.13		0.13		1.72
J-QC/FFB	0.6595		0.14	J-QC/FFB	0.08	J-QC/FFB	3.34
J-QC/FFB	0.5462		0.11	J-QC/FFB	0.10		2.71
J-QC/FFB	0.4425		0.13	J-QC/FFB	0.12		2.67
J-QC/FFB	0.4870		0.11		0.10		3.72
	0.4765	J-QCJ-HT/FLS	0.07		0.07		1.76
J-QC/FFB	0.7341	J-QC/FFD/RPOFLS	0.07		0.08		2.70
J-QC/FFB	0.4892	J-QC/FFD/RPOFLS	0.07		0.07		3.75
	0.3573		0.10		0.08	J-QC/FFB	21.4
	0.3335		0.11		0.09	J-QC/FFB	19.6
	0.4957		0.08		0.10		4.06
	0.4886		0.06		0.08		3.00
J-QC/FFB	0.5453	J-QC	0.11		0.10		4.69
J-HT	0.5137		0.07		0.07		6.37
J-QC/FFB	0.6401	J-HT	0.12		0.11		1.60
J-QC/FFB	0.5873	J-HT	0.09		0.08		4.64

	0.5251		0.11		0.10		2.85
	0.5532		0.10		0.09		2.23
J-QC/LLS/FFB	0.5413	J-QC/FLS	0.09		0.07		2.93
	0.5560		0.11		0.12		8.13
J-QC/FFB	0.5994	J-HT	0.16	J-QC/FFB	0.10		7.58
J-QC/FFB	0.4240		0.11		0.08		14.7
J-QC/FFB	0.4230		0.09		0.07		18.2
J-QC/FFB	0.4030		0.15	J-QC	0.14	J-QC	27.6
	0.3394		0.11	J-QC/FFB	0.09		8.21
J-QC/FFB	0.3867	J-HT	0.15	J-QC/FFB	0.13		16.3
J-QC/FFB	0.3903	J-HT	0.14	J-QC/FFB	0.12		15.2
J-QC/FFB	0.5004		0.16		0.13		8.64
J-QC/FFB	0.5976		0.30	J-QC	0.27	J-QC	1.63
	0.7194	J-QC/FSL	0.20	J-QC	0.17	J-QC	3.12
	0.6651	J-QC/FSL	0.16	J-QC	0.13	J-QC	1.67

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	2.5	0.00	0.01
	4.7	0.00	0.11
[redacted]			
	4.2	0.00	0.35
	1.7	0.03	0.03
	18.0	0.00	0.00
	5.0	0.00	0.00
	<0.5	0.00	0.24
	2.7	0.00	0.27
	1.7	0.00	0.00
	<0.5	0.31	0.31
	1.0	0.00	0.18
	4.9	0.00	0.00
	—	0.85	0.85
	5.1	0.00	0.00
	7.2	0.00	0.45
	4.4	0.00	0.00
	3.7	0.10	0.10
	11.3	0.03	0.03
	9.1	0.00	0.00
	3.0	0.00	0.00
	5.4	0.00	0.00
[redacted]			
	0.8	0.00	0.01
	0.7	0.00	0.00
	<0.5	0.00	0.00
	1.1	0.09	0.24
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.12
	0.6	0.00	0.00
	—	0.00	0.40
	1.6	0.00	0.46
	1.2	0.83	0.83
	1.5	0.00	0.00
	3.0	0.00	0.00
	2.2	0.00	0.07
	1.0	0.00	0.00
	2.1	0.00	0.01
	2.5	0.08	0.66
	2.7	0.00	0.00
	2.4	0.05	0.05
	1.7	0.00	0.00
	1.9	0.00	0.00
	5.5	0.00	0.00
	1.2	0.00	0.03

	5.3	0.00	0.00
	4.8	0.00	0.00
	3.5	0.00	0.00
	2.2	0.00	0.00
	3.9	0.00	0.00
	3.2	0.00	0.01
	5.0	0.00	0.00
	—	0.00	0.00
	1.3	0.00	0.00
	2.8	0.00	0.00
	6.1	0.00	0.00
	7.1	0.00	0.00
	10.4	0.00	0.00
	5.8	0.00	0.00
	5.5	0.00	0.04
	<0.5	0.00	0.27
	1.0	0.35	0.35
	3.6	0.00	0.00
	3.5	0.00	0.00
	5.7	0.02	0.03
	2.1	0.00	0.00
	2.4	0.00	0.00
	1.8	0.00	0.00
	1.5	0.00	0.00
	0.8	0.02	0.14
	0.8	0.01	0.18
	<0.5	0.32	0.74
	1.2	0.00	0.00
	<0.5	0.00	0.00
	5.4	0.00	0.00
	4.6	0.00	0.00
	4.4	0.00	0.00
	4.4	0.00	0.00
	5.0	0.00	0.01
	3.3	0.00	0.01
	2.9	0.01	0.02
	2.1	0.02	0.10
J-R	3.0	0.00	0.00
	6.7	0.00	0.00
J-R	6.3	0.00	0.00
	3.9	0.00	0.00
	3.9	0.09	0.09
J-R	4.1	0.00	0.14
	3.9	0.00	0.00
J-R	3.1	0.26	0.26
	—	0.00	0.00

	3.2		0.00	0.00
	4.3		0.00	0.00
J-R	3.8		0.00	0.00
	2.9		0.00	0.00
	2.6		0.00	0.00
	5.9		0.00	0.00
	3.4		0.00	0.00
J-HT/EHT	3.6		0.00	0.05
J-HT/EHT	3.6		0.00	0.05
	7.2	J-QC/FFD/RPO	0.00	0.00
	4.2	J-QC/FFD/RPO	0.00	0.00
	3.9		0.00	0.00
NAPQNS	4.0		0.00	0.00
	3.6	J-QC/FFD/RPO	0.63	0.97
	<0.5	KJ-QC/FFD/RPO	0.63	0.97
	5.2	J-QC/FFB/FFDRPO	0.00	0.00
	3.7	J-QC/FFB/FFDRPO	0.00	0.00
J-R	5.1		0.25	0.25
J-R	4.5		0.25	0.25
J-R	3.8		0.00	0.01
J-R	3.6		0.00	0.01
J-R	3.6		0.00	0.43
J-R	3.3		0.00	0.43
	5.0		0.00	0.00
	5.2		0.00	0.00
	4.8		0.00	0.00
	4.7	J-QC/FFB	0.00	1.44
NAPQNS	4.3	J-QC/FFB	0.00	1.44
	5.1		0.00	0.00
	3.0		0.00	0.00
	5.5	J-QC/FFB	0.00	0.41
	5.2	J-QC/FFB	0.00	0.41
	4.1		0.00	0.00
	4.1		0.00	0.00
J-R	5.0	J-QC/FFB	0.00	0.00
J-R	4.8	J-QC/FFB	0.00	0.00
	4.7	J-QC/FFB	0.00	0.00
	4.3	J-QC/FFB	0.00	0.00
NAPQNS	4.3	J-QC/FFB	0.00	0.00
NAPQNS	3.9	J-QC/FFB	0.00	0.00
	4.0	BJ-QC/FBK/FFB	0.00	0.00
	3.5	BJ-QC/FBK/FFB	0.00	0.00
J-R	4.0	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	5.00	J-QC/FFB/FFDRPO	1.22	1.22
J-R	4.00		0.00	0.00
J-RJ-QC/FFD/RPO	3.77		0.00	0.03
KJ-QC/FFD/RPO	4.00		0.00	0.03
J-R	3.61		0.00	0.00

J-R	3.50	J-QC/FFB	0.00	0.00
J-R	3.56	J-QC/FFB/FLDRPO	0.25	0.25
J-R	3.49	J-QC/FFB/FLDRPO	0.25	0.25
J-QC/FFD/RPO	3.93	J-QC/FFB	0.00	0.02
	3.75	J-QC/FFB	0.43	0.43
	3.90	J-QC/FFB	0.00	0.00
	4.70	J-QC/FFB/FFDRPO	1.69	2.78
	3.10	J-QC/FFB/FFDRPO	1.69	2.78
J-QC/FFD/RPO	3.20		0.00	0.00
J-QC/FFD/RPO	3.10		0.00	0.00
	2.70	J-QC/FFD/RPO	0.00	0.01
J-QC/FFD/RPO	3.60	BJ-QC/FBK/FFB	0.07	0.07
J-QC/FFD/RPO	3.40	BJ-QC/FBK/FFB	0.07	0.07
	3.80	J-QC/FFB	0.00	0.00
	3.50	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.60	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	3.30	BJ-QC/FBK/FFB	0.00	0.00
J-R	3.60	J-QC/FFB	0.00	0.00
J-R	3.30	J-QC/FFB	0.00	0.00
	3.60	J-QC/FFB	0.68	0.68
	3.20	J-QC/FFB	0.68	0.68
	3.70		0.00	0.09
	3.20		0.00	0.09
K	3.00		0.01	0.28
K	2.80		0.01	0.28
K	4.80		0.00	0.15
J-R	5.00		0.00	0.00
J-R	4.00		0.00	0.00
[redacted]				
K	4.3		0.00	0.00
K	4.0		0.00	0.00
J-R	4.5	J-QC/FFB	0.00	0.10
J-R	4.0	J-QC/FFB	0.00	0.10
J-R	4.5		0.00	0.17
J-R	3.1		0.00	0.64
	3.6	BJ-QC/FBK/FFB	0.00	0.57
	3.9	BJ-QC/FBK/FFBFFDFLDRPOFSL	0.00	0.00
	11.0	BJ-QC/FBK/FFBFFDFLDRPOFSL	0.00	0.00
	3.4	J-QC/FFB	0.00	0.03
	2.8		0.00	0.00
	3.4		0.00	0.00
	2.9		0.00	0.00
	4.2	J-QC/FFD/RPO	0.00	0.49
	2.6	J-QC/FFD/RPO	0.00	0.49
	2.9	J-QC/FFB	0.00	0.00
	3.9	J-QC/FFB	0.00	0.00
	3.3	J-QC/FFB	0.00	0.00
	3.8	J-QC/FFB	0.00	0.39
J-QC/FFD/RPO	3.6	J-QC/FFB	0.00	0.28
J-QC/FFD/RPO	4.3	J-QC/FFB	0.00	0.28

	3.7	J-QC/FFB	0.00	1.32
	3.6	J-QC/FFB	0.22	0.23
	3.9	J-QC/FFB	0.00	0.00
	3.5	J-QC/FFB	0.00	0.00
	6.4	J-QC/FFB/FFDRPO	1.36	5.34
J-RJ-QC/FFD/RPO	4.2	J-QC/FFB	0.04	0.04
J-RJ-QC/FFD/RPO	4.2	J-QC/FFB	0.04	0.04
K	4.6	J-QC/FFB	0.00	0.00
J-R	4.0	J-QC/FFB	0.00	0.00
K	3.7		0.00	0.00
K	3.5		0.00	0.00
K	4.3		0.00	0.00
[redacted]				
	2.9		0.00	0.00
	3.8	J-QC/FFB	0.00	0.00
	3.0	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.0	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	1.8	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	1.6	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	2.3	J-QC/FFB	0.00	0.00
	2.5	BJ-QC/FBK/FFB	0.03	0.03
	2.2	BJ-QC/FBK/FFB	0.03	0.03
J-QC/FSL	2.4	J-QC/FFB	0.02	0.18
	2.1	J-QC/FFB	0.02	1.38
J-QC/FSL	2.8	J-QC/FFB	0.00	0.06
J-QC/FSL	2.7	J-QC/FFB	0.00	0.06
	2.7	B/FBK	0.00	0.00
	2.4	BJ-QC/FBK/FFB	0.00	0.00
	2.0	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	2.9	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	4.2		0.00	0.00
J-QC/FFD/RPO	3.9		0.00	0.00
	3.7		0.23	0.23
	2.7	J-QC/FFD/RPO	0.00	0.05
J-QC/FFD/RPO	26.0	J-QC/FFB/FFDRPOSUS	0.00	0.00
J-QC/FFD/RPO	2.1	J-QC/FFB/FFDRPO	0.00	0.00
	2.2	J-QC/FFB	0.00	0.00
	2.5	J-QC/FFB	0.00	0.00
	1.9	J-QC/FFB	0.00	0.12
	1.8		0.00	0.00
	1.5		0.00	0.00
	4.3	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.3		0.00	0.00
J-QC/FFD/RPO	3.8		0.00	0.00
	3.5		0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	3.7	J-QC/FFB	0.14	0.14
[redacted]				
J/LLS	3.27	BJ-QC/FBK/FFB	0.00	0.00
J-QC/LLS/FFDRPO	3.69	J-QC/FFB/FFDRPO	0.00	0.02

J-QC/LLS/FFDRPO	5.70	J-QC/FFB/FFDRPO	0.00	0.02
J-QC/FFB/FFDRPO	3.42	J-QC/FFB	0.68	0.68
J-QC/FFB/FFDRPO	3.33	J-QC/FFB	0.68	0.68
[redacted]	14.7	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	2.8	J-QC/FFD/RPO	0.00	0.00
J-QC/LLS/FFDRPO	6.0	J-QC/FFD/RPO	0.00	0.00
I-RJ-QC/LLS/FFDRP(	3.1	J-QC/FLD/RPO	0.00	0.00
J/LLS	3.5	J-QC/FFB	0.53	0.53
-QC/LLS/FFBFFDRP(	4.6	J-QC/FFB	0.00	0.00
-QC/LLS/FFBFFDRP(	3.6	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.8	[redacted]	0.18	0.18
J-QC/FFD/RPO	4.8	J-QC	0.00	0.14
J-QC/FFD/RPO	4.0	J-QC	0.00	0.14
J/LLS	3.7	J-QC	0.01	0.12
J-QC/FFB/FFDRPO	7.9	[redacted]	0.00	0.00
J-QC/FFB/FFDRPO	6.8	[redacted]	0.00	0.00
[redacted]	4.7	J-QC/FFB/FLDRPO	0.00	0.00
J-QC/FFB/FFDRPO	3.9	J-QC/FFB/FLDRPO	0.57	0.76
J-QC/FFB/FFDRPO	3.7	J-QC/FFB/FLDRPO	0.57	0.76
[redacted]	4.8	J-QC/FFB	0.00	0.00
J-QC/FFB	4.4	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.7	[redacted]	0.00	0.00
J-QC/FFD/RPO	3.8	[redacted]	0.00	0.00
[redacted]	3.3	J-QC	0.01	0.04
[redacted]	2.9	[redacted]	0.00	0.05
J-QC/LLS/FFB	2.9	J-QC/FFD/RPO	0.00	0.00
J-QC/FFB	3.5	[redacted]	0.00	0.00
J-QC/LLS/FFB	4.1	BJ-QC/FBK/FFBFLDRPOFMS	0.00	0.00
J-QC/LLS/FFB	4.0	BJ-QC/FBK/FFBFLDRPOFMS	0.00	0.00
[redacted]	3.9	J-QC	0.00	0.00
[redacted]	3.15	[redacted]	0.00	0.00
J/LLS	4.08	[redacted]	0.00	0.00
[redacted]				
J-QC/LLS	2.6	J-QC/FMS	0.00	0.01
J-QC/LLS	2.3	J-QC/FMS	0.00	0.01
	4.1		0.00	0.07
	3.6		0.00	0.00
	2.8		0.00	0.00
	3.1	BJ-QC/FBK/FFDRPO	0.00	0.00
J/LLS	4.5	B/FBK	0.00	0.00
J-QC/FFD/RPO	5.1		0.99	0.99
J-QC/FFD/RPO	4.9		0.99	0.99
	3.7	J-QC/FMS	0.04	0.03
	3.3	J-QC/FMS	0.04	0.03
J-QC/FFD/RPO	3.5		0.00	0.00
J-QC/FFD/RPO	3.5		0.00	0.00
J-QC/FFD/RPO	2.8		0.00	0.00
J-QC/FFD/RPO	2.7		0.00	0.00
J/LLS	2.1		0.00	0.73
	1.7	J-QC/FLD/RPO	0.00	0.00

	2.9		0.00	0.28
	2.5		0.00	0.28
	4.0	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	2.0		0.00	0.00
	3.1		0.00	0.00
	3.4		0.00	0.00
	3.1		0.00	0.00
	2.3		0.00	0.03
	2.4		0.73	0.73
	2.7	J-QC/FLD/RPO	0.00	0.00
	2.6	J-QC/FLD/RPO	0.00	0.00
	3.0	J-QC/FFD/RPO	0.00	0.00
J/LLS	4.0		0.00	0.47
J-QC/FFD/RPO	3.2	J-QC/FMS	0.10	0.10
J-QC/LLS/FFDRPO	2.8	J-QC/FMS	0.10	0.10

Station #31 Lower Hudson River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 2, 2003	10:00	7.55	7.3	8.92
December 16, 2003	10:50	6.60	6.0	9.45
2004				
January 6, 2004	09:55	5.80	4.0	12.41
March 2, 2004	10:25	8.21	3.4	10.53
April 7, 2004	11:20	7.06	6.2	10.11
April 20, 2004	11:35	7.60	9.8	7.85
May 4, 2004	11:25	7.31	12.4	7.27
June 2, 2004	11:35	7.34	—	—
June 8, 2004	11:35	—	—	4.40
June 22, 2004	11:20	7.56	21.3	7.88
July 6, 2004	12:07	7.34	22.6	5.69
July 20, 2004	12:11	7.40	22.5	5.57
July 27, 2004	10:45	7.11	29.8	6.10
August 10, 2004	11:52	7.76	24.47	7.77
August 17, 2004	12:00	7.06	23.55	4.00
August 24, 2004	11:22	—	24.71	4.78
August 31, 2004	12:14	7.39	24.31	6.20
September 7, 2004	11:31	7.69	24.28	7.65
September 21, 2004	11:35	7.42	21.46	7.1
October 7, 2004	12:00	7.51	19.85	5.7
October 26, 2004	10:53	—	14.4	6.86
2005				
March 22, 2005	10:10	—	3.90	11.05
April 12, 2005	11:03	6.94	8.30	—
April 26, 2005	11:30	7.67	11.49	9.76
May 2, 2005	11:59	7.59	12.82	11.50
May 10, 2005	11:36	7.61	11.15	10.57
May 17, 2005	11:36	7.71	14.47	9.96
May 23, 2005	11:30	7.58	15.30	8.49
June 1, 2005	11:38	7.49	16.15	7.73
June 7, 2005	11:18	7.33	17.93	6.76
June 30, 2005	11:31	7.33	23.70	5.77
July 5, 2005	11:48	7.33	22.08	5.10
July 12, 2005	11:16	7.47	24.05	6.63
July 20, 2005	12:46	7.32	25.21	5.22
July 26, 2005	12:11	7.25	26.11	4.46
August 1, 2005	13:23	7.26	27.31	7.82
August 10, 2005	—	—	—	—
August 15, 2005	11:44	7.70	27.24	6.18
August 24, 2005	11:18	—	25.60	6.31
August 29, 2005	12:22	—	24.50	4.88
September 13, 2005	11:27	7.61	23.97	7.93
September 21, 2005	12:18	7.31	24.22	4.93
October 5, 2005	12:30	7.33	20.97	5.43
October 19, 2005	11:58	7.88	17.67	8.41

2006				
February 2, 2006	10:55	7.72	3.58	15.05
February 15, 2006	10:57	7.53	3.73	13.13
March 1, 2006	10:31	7.76	3.43	11.89
March 29, 2006	11:18	7.91	6.41	10.39
April 10, 2006	12:13	7.46	7.99	10.36
April 26, 2006	11:52	7.39	12.01	10.14
May 4, 2006	11:56	7.55	14.86	10.35
May 10, 2006	11:56	7.76	14.18	8.92
June 21, 2006	11:06	7.37	21.47	6.13
July 10, 2006	12:02	7.31	19.62	7.41
July 26, 2006	10:22	7.25	25.02	5.26
August 2, 2006	10:31	7.42	26.27	5.58
August 7, 2006	10:44	7.69	23.47	6.48
August 17, 2006	10:10	7.12	25.02	5.24
August 21, 2006	10:46	7.24	24.73	5.63
August 31, 2006	11:29	7.50	23.22	6.47
September 5, 2006	11:48	7.41	22.05	5.90
September 20, 2006	10:48	7.37	21.50	4.64
September 27, 2006	11:04	7.29	20.77	5.04
October 19, 2006	10:49	7.48	17.08	7.08
November 1, 2006	10:10	7.70	13.40	8.91
November 29, 2006	10:44	7.67	10.02	9.25
2007				
January 11, 2007	12:37	7.41	8.60	7.55
January 24, 2007	10:56	7.48	3.98	10.26
February 21, 2007	12:40	8.03	1.06	9.91
April 3, 2007	10:55	7.82	5.17	13.15
May 2, 2007	11:05	7.63	9.94	11.31
Boat engine failure - 5/18/07				
September 6, 2007	10:43	7.42	23.51	5.70
September 13, 2007	10:51	7.29	23.55	5.38
September 26, 2007	10:52	7.54	21.38	8.81
October 4, 2007	12:12	7.31	21.66	5.42
October 17, 2007	10:22	7.42	19.50	5.94
October 31, 2007	10:33	7.47	16.60	7.65
November 28, 2007	10:57	—	9.39	10.38
December 12, 2007	10:59	—	6.76	9.21
2008				
January 10, 2008	11:15	—	4.14	10.50
February 5, 2008	10:50	7.71	4.47	10.39
March 12, 2008	11:09	7.77	2.77	13.64
May 7, 2008	10:42	7.48	13.60	8.75
May 14, 2008	10:23	7.57	13.94	8.65
June 12, 2008	11:45	7.54	22.02	7.93
June 18, 2008	10:54	7.54	20.82	6.70
June 25, 2008	11:03	7.47	22.14	5.50
July 16, 2008	10:36	7.49	24.27	5.84
August 14, 2008	11:07	7.69	23.12	5.56
August 20, 2008	10:35	7.50	24.07	5.25

September 3, 2008	10:53	7.40		23.57	5.11
September 11, 2008	10:06	7.72		23.55	6.92
September 17, 2008	10:37	7.26		22.54	3.31
October 8, 2008	10:39	—		18.56	3.57
2009					
February 4, 2009	11:23	7.42		0.67	9.67
March 5, 2009	11:41	7.50		1.97	12.89
April 27, 2009	11:05	7.22		10.82	—
May 6, 2009	11:20	7.31		12.67	—
May 21, 2009	10:57	7.47		14.90	—
June 2, 2009	10:39	7.39		18.28	—
June 17, 2009	11:27	7.31		19.60	5.81
June 25, 2009	10:31	7.42		21.27	6.61
July 9, 2009	10:52	7.39		21.84	6.06
July 16, 2009	11:12	—	NAPEFAI/EQF	21.48	5.71
July 22, 2009	11:41	—	NAPEFAI/EQF	21.78	4.79
August 5, 2009	10:34	—	NAPEFAI/EQF	23.67	4.29
August 11, 2009	10:49	—	NAPEFAI/EQF	23.88	4.83
August 20, 2009	10:28	—	NAPEFAI/EQF	24.79	—
August 26, 2009	10:40	—	NAPEFAI/EQF	26.01	—
September 3, 2009	10:32	—	NAPEFAI/EQF	22.75	—
September 23, 2009	11:18	—	NAPEFAI/EQF	21.40	—
October 14, 2009	11:25	—	NAPEFAI/EQF	16.66	—
December 7, 2009	10:56	7.73		9.38	11.34
2010					
March 22, 2010	10:25	7.46		6.77	18.50
April 14, 2010	10:31	7.60		8.85	10.95
May 5, 2010	11:10	7.57		14.89	10.05
May 11, 2010	11:10	7.70		13.50	9.69
May 17, 2010	10:45	7.48		14.01	9.04
May 27, 2010	10:48	7.40		16.17	9.95
June 7, 2010	10:56	8.01		21.98	10.14
June 22, 2010	11:05	7.32		22.35	7.93
June 30, 2010	10:25	7.42		24.37	5.58
July 14, 2010	11:24	7.44		24.64	6.35
July 21, 2010	10:40	7.54		26.28	6.34
August 5, 2010	10:25	7.89		25.52	5.65
August 12, 2010	10:36	7.45		25.14	4.31
August 18, 2010	10:28	7.58		25.59	5.68
September 1, 2010	10:42	7.50		24.90	6.37
September 9, 2010	10:48	7.50		23.33	4.70
September 16, 2010	10:48	7.45		21.20	7.23
September 23, 2010	09:55	7.38		20.35	7.20
October 5, 2010	11:23	7.49		19.33	7.87
November 18, 2010	10:40	7.63		10.90	9.79
December 9, 2010	11:15	7.50		3.49	12.75
2011					
January 4, 2011	11:41	7.71		2.35	11.80
February 9, 2011	11:15	7.67		0.55	14.06
March 8, 2011	10:50	7.52		2.40	15.84

April 14, 2011	11:11	7.28		7.83		13.92
May 5, 2011	11:05	6.66		11.69		9.92
May 12, 2011	11:00	—	NAPEFAI/EQF	14.02		9.46
May 24, 2011	11:00	7.63		16.55		9.32
June 1, 2011	10:55	7.63		19.46		9.82
June 8, 2011	11:00	7.45		20.40		7.35
June 15, 2011	10:55	7.27		20.00		6.25
June 27, 2011	10:50	7.39		22.59		6.40
July 11, 2011	11:00	7.56		25.50		5.95
July 26, 2011	10:50	7.77		25.69		6.44
August 2, 2011	10:45	7.30		25.73		4.28
August 10, 2011	11:30	7.34		25.91		4.81
August 16, 2011	10:55	7.31		25.01		5.59
August 23, 2011	10:48	7.84		25.54		7.22
September 7, 2011	11:13	7.75		21.86		8.28
September 20, 2011	10:40	7.64		19.22		7.47
September 27, 2011	10:45	7.34		20.50		5.33
October 24, 2011	11:06	7.52		16.41		6.71
November 1, 2011	11:00	7.89		12.34		9.95
December 19, 2011	11:19	7.55		8.85		9.83
2012						
January 10, 2012	10:30	7.78		6.18		10.24
February 7, 2012	11:15	7.67		5.49		12.30
March 6, 2012	11:17	7.82		5.32		13.72
April 17, 2012	11:26	7.78		12.90		10.41
May 7, 2012	10:25	7.56		13.79		—
May 14, 2012	10:42	7.65		16.52		8.90
May 30, 2012	11:17	7.61		20.80		7.35
June 5, 2012	10:51	7.16		19.36		4.70
June 11, 2012	10:45	—	NAPEFAI/EQF	20.96		3.60
June 19, 2012	10:40	—	NAPEFAI/EQF	21.52		3.88
July 2, 2012	10:40	—	NAPEFAI/EQF	23.07		3.38
July 10, 2012	10:50	8.07		26.04		9.10
July 17, 2012	10:45	7.75		25.15		6.24
August 1, 2012	10:34	7.31		24.36		4.36
August 7, 2012	10:48	7.46		26.77		7.48
August 14, 2012	10:41	7.88		26.73		7.97
August 21, 2012	10:50	7.33		25.43		5.41
August 29, 2012	10:56	7.29		25.03		6.26
September 13, 2012	10:45	7.47		23.96		4.71
October 17, 2012	09:17	7.45		16.86		6.93
November 19, 2012	09:13	7.63		9.40		10.66
November 20, 2012	10:08	7.65		9.47		9.25
November 21, 2012	09:58	—	NRP	—	NRP	—
December 6, 2012	09:54	7.58		8.21		10.00
2013						
January 9, 2013	09:49	7.79		5.26		10.86
February 5, 2013	09:32	7.67		2.07		12.68
March 11, 2013	09:20	7.77		3.69		12.83
April 4, 2013	09:38	7.73		5.92		10.60

May 6, 2013	11:07	7.68	13.39		8.76
May 14, 2013	10:35	7.54	14.93		8.23
May 22, 2013	10:30	7.56	15.08		7.17
May 30, 2013	10:35	7.75	16.72		8.11
June 5, 2013	10:23	7.44	16.56		6.67
June 18, 2013	10:45	7.74	20.77		7.81
June 25, 2013	10:41	7.49	21.24		5.97
July 9, 2013	11:16	7.57	22.66		5.77
July 16, 2013	11:00	7.78	26.34		6.44
July 23, 2013	11:03	7.62	25.05		4.39
July 31, 2013	10:55	7.88	25.28		7.34
August 6, 2013	10:53	7.61	22.62		4.82
August 20, 2013	11:12	7.78	22.63		5.39
August 27, 2013	11:18	7.79	23.46		5.54
September 4, 2013	11:00	7.66	22.93		5.24
September 9, 2013	11:10	7.67	22.29		6.08
September 25, 2013	10:29	8.17	19.36		7.22
October 1, 2013	11:15	7.65	18.88		6.81
November 21, 2013	11:22	7.90	9.15		8.95
December 3, 2013	11:03	7.71	7.43		9.26
2014					
March 4, 2014	10:45	7.56	0.47		12.75
April 10, 2014	11:16	7.67	5.48		15.16
May 6, 2014	11:01	7.93	11.48		11.86
May 14, 2014	10:58	7.56	11.66		8.85
May 21, 2014	11:17	7.59	15.53		10.56
June 3, 2014	11:00	7.70	18.20		9.30
June 12, 2014	11:00	7.32	17.22		8.49
June 24, 2014	10:35	7.51	20.73		6.64
June 30, 2014	10:46	7.61	22.60		6.49
July 7, 2014	11:11	7.92	23.39		7.83
July 16, 2014	10:33	7.74	23.40		5.74
July 22, 2014	10:47	7.74	23.32		6.53
July 29, 2014	11:00	7.75	23.19		6.04
August 5, 2014	10:45	7.70	23.77		7.00
August 11, 2014	11:00	7.50	22.39		4.91
August 19, 2014	10:52	7.68	22.29		7.05
September 4, 2014	11:32	7.49	23.39		7.22
September 10, 2014	11:36	7.76	—	NAPEFAI/EQF	—
September 16, 2014	10:55	7.59	21.97		6.50
September 23, 2014	11:22	7.42	21.23		7.65
September 29, 2014	11:06	7.40	20.99		7.27
November 25, 2014	11:16	7.43	9.54		10.76
December 1, 2014	11:02	7.59	7.81		12.32

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	79.0	5.5	—	114
	85.2	17.1	—	62
[redacted]				
	97.3	4.7	—	68
	89.9	22.1	—	44
	88.1	12.7	—	91
	70.7	8.2	—	110
	77.0	16.6	—	81
	—	—	—	26
	—	—	—	44
	89.8	—	—	18
	70.5	—	—	50
	66.9	—	—	44
	75.6	—	—	36
	100.8	8.52	—	22
	47.8	12.00	—	32
	59.6	6.57	—	20
	80.7	14.75	—	24
	95.1	6.78	—	10
	81.1	2.54	—	33
	67.9	14.83	—	10
	76.1	20.4	—	30
[redacted]				
	93.9	15.30	—	16
	—	3.60	—	40
	93.8	8.13	—	172
	110.7	3.44	—	71
	105.3	24.03	—	76
	103.8	10.81	—	54
	93.7	16.30	—	54
	86.6	16.44	—	167
	78.7	16.25	—	88
	72.9	11.92	—	106
	66.4	18.71	—	31
	85.8	14.15	—	18
	70.2	17.93	—	67
	59.5	13.48	—	200
	103.9	9.72	—	60
	—	—	—	87
	83.1	12.10	—	55
	84.1	15.31	—	98
	66.5	22.48	—	46
	103.0	15.62	—	33
	65.9	20.66	—	263
	68.7	22.91	—	152
	93.4	9.69	—	42

119.7	8.21	—	295
110.6	16.15	—	335
102.4	20.01	—	312
95.7	19.11	—	64
95.0	11.83	—	18
99.0	8.01	—	272
104.8	3.76	—	27
94.3	13.41	—	18
72.8	7.78	—	213
89.1	15.91	—	106
67.4	10.44	—	20
73.1	8.15	—	40
85.1	18.52	—	38
67.5	11.10	—	22
73.9	14.98	—	45
80.1	9.72	—	13
74.2	16.39	—	85
59.1	19.96	—	46
63.9	21.38	—	42
82.2	18.98	—	23
92.1	12.42	—	47
88.0	11.10	—	53
73.5	17.60	—	18
83.9	10.35	—	82
82.0	23.42	—	188
109.4	9.74	—	60
106.4	8.60	—	69
75.1	17.60	—	56
71.3	19.85	—	147
116.0	25.54	—	40
68.8	18.28	—	26
71.4	16.84	—	24
83.7	9.87	—	43
95.3	7.93	—	365
85.1	19.39	—	132
90.5	17.93	—	76
92.0	22.70	—	52
102.6	2.88	—	48
88.1	7.24	—	512
89.0	9.94	—	74
97.0	11.53	—	30
82.9	17.75	—	97
68.8	14.40	—	63
76.6	16.63	—	23
73.1	17.78	—	16
67.4	12.91	—	20

	67.3		19.20	—	200	
	88.4		15.02	—	17	
	42.2		17.33	—	299	
	44.8		26.46	—	10	
	72.7		10.73	—	35	
	101.5		14.08	—	50	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	13.59	—	254	
NAPEFAI/EQF	—	NAPEFAI/EQF	17.46	—	34	
NAPEFAI/EQF	—	NAPEFAI/EQF	14.00	—	20	
NAPEFAI/EQF	—	NAPEFAI/EQF	8.65	—	67	
	68.0		12.02	—	32	
	75.7		3.96	—	98	
	74.3		12.93	—	47	
	71.1		16.10	—	29	J-QC/FFD/RPO
	59.9		16.43	—	38	
	55.1		14.79	—	30	
	61.8		12.00	—	54	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	17.05	—	74	
NAPEFAI/EQF	—	NAPEFAI/EQF	12.87	—	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.34	—	41	
NAPEFAI/EQF	—	NAPEFAI/EQF	12.79	—	348	
NAPEFAI/EQF	—	NAPEFAI/EQF	14.29	—	268	J-QC/FFD/RPO
	107.5		12.93	—	33	J-QC/FFD/RPO
	153.6		2.00	— NA	46	
	105.3		12.10	— NA	244	J-QC/FFD/RPO
	103.7		8.35	— NA	67	J-QC/FFD/RPO
	98.5		9.10	— NA	—	NAPQNS
	94.2		13.01	— NA	42	
	111.9		17.87	— NA	72	
	122.8		10.09	— NA	14	
	98.9		14.08	— NA	53	J-QC/FFD/RPO
	72.2		13.84	— NA	36	J-QC/FFD/RPO
	82.2		16.01	— NA	345	
	83.9		15.69	— NA	136	
	75.1		14.47	— NA	40	J-QC/FFB/FLDRPO
	57.7		18.73	— NA	173	
	74.3		14.21	— NA	30	J-QC/FFD/RPO
	82.2		12.71	— NA	18	
	70.3		19.98	— NA	696	
	86.3		12.60	— NA	22	J-QC/FFD/RPO
	87.2		18.47	— NA	264	
	90.1		9.84	— NA	68	
	95.5		12.63	— NA	134	
	98.4		4.14	— NA	272	
	97.5		18.68	— NA	72	J-QC/FFB/FFDRPO
	104.9		10.79	— NA	62	
	113.7		0.33	— NA	67	

	122.3		7.38		—	NA	103		
	94.0		4.26		—	NA	31	J-QC/FFD/RPO	
	94.8		6.86		—	NA	157		
	93.7		0.92		—	NA	34		
	111.9		7.82		—	NA	84		
	84.8		7.86		—	NA	60		
	73.1		11.73		—	NA	70		
	78.0		8.87		—	NA	18	J-QC/FFD/RPO	
	75.7		8.48		—	NA	273		
	74.7		14.84		—	NA	72	J-QC/FLD/RPO	
	57.2		14.91		—	NA	349	J-QC/FLD/RPO	
	63.9		16.23		—	NA	40		
	72.4		13.55		—	NA	56		
	91.8		7.07		—	NA	24		
	90.4		1.31		—	NA	164		
	81.4		4.04		—	NA	14		
	61.8		17.08		—	NA	225		
	74.3		13.28		—	NA	52		
	94.1		2.44		—	NA	64	J-QC/FFB	
	94.6		16.81		—	NA	72		
	93.2		16.02		—	NA	92		
	92.6		16.16		—	NA	50		
	112.7		14.32		—	NA	42		
	96.4		17.09		—	NA	269	J/OUT	
	—		13.05		—	NA	94		
	93.2		4.36		—	NA	112	J-QC/FLD/RPO	
	86.0		10.56		—	NA	96		
	53.9		12.80		—	NA	155		
	42.6		6.18		—	NA	92	J-QC/FFB	
	46.7		11.11		—	NA	74		
	42.3		17.38		—	NA	72		
	120.9		10.12		—	NA	53	J-QC/FLD/RPO	
	82.3		17.57		—	NA	66	J-QC/FFD/FLDRPO	
	58.4		20.71		—	NA	54	J-QC/FLD/RPO	
	96.4		13.14		—	NA	44		
	106.9		12.62		—	NA	40	J-QC/FLD/RPO	
	71.1		14.97		—	NA	66		
	83.2		17.87		—	NA	36		
	61.5		20.50		—	NA	79		
	78.4		15.72		—	NA	173		
	100.5		12.10		—	NA	86	J-QC/FLD/RPO	
	88.4		13.85		—	NA	58		
NRP	—	NRP	—	NRP	—	NA	—	NA	
	92.8		13.86		—	NA	40	J-QC/FLD/RPO	
	99.6		22.68		—	NA	65		
	99.7		11.91		—	NA	66	J-QC/FFB	
	107.2		14.69		—	NA	116		
	92.2		12.34		—	NA	200		

	88.8		12.05		—	NA	172	J-QC/FFD/RPO
	84.3		10.66		—	NA	39	
	79.4		18.11		—	NA	70	
	86.6		6.48		—	NA	86	
	75.7		19.72		—	NA	69	
	86.7		1.42		—	NA	65	
	70.9		8.64		—	NA	359	
	71.7		14.20		—	NA	51	
	82.3		5.69		—	NA	48	J-QC/FLD/RPO
	6.01		21.64		—	NA	343	J-QC/FLD/RPO
	92.4		6.17		—	NA	124	
	63.8		22.04		—	NA	35	J-QC/FLD/RPO
	70.5		20.41		—	NA	40	J-QC/FLD/RPO
	69.4		17.60		—	NA	41	
	67.9		20.37		—	NA	26	J-QC
	75.4		14.02		—	NA	291	
	83.3		10.90		—	NA	34	
	82.9		20.30		—	NA	44	
	8.81		16.26		—	NA	41	
	90.7		24.95		—	NA	52	
	99.0		15.87		—	NA	379	J-QC/FLD/RPO
	122.2		2.65		—	NA	24	
	110.9		3.25		—	NA	56	J-QC/FLD/RPO
	90.6		17.17		—	NA	158	
	108.2		3.45		—	NA	63	
	101.5		7.20		—	NA	46	
	98.3		18.17		—	NA	73	
	79.5		12.98		—	NA	55	J-QC/FFB
	78.6		9.45		—	NA	26	
	94.4		4.96		—	NA	76	
	71.3		10.48		—	NA	60	
	80.4		9.34		—	NA	20	
	75.3		10.71		—	NA	62	
	86.9		8.34		—	NA	70	
	63.5		21.15		—	NA	112	
	84.2		12.09		—	NA	78	J-QC/FLD/RPO
	90.5		9.58		—	NA	94	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	NA	113	
	79.8		12.57		—	NA	69	
	94.8		17.16		—	NA	39	
	88.6		15.70		—	NA	40	
	108.6		22.50		—	NA	130	
	112.4		12.59		—	NA	125	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.04	<2	<0.09	0.045
0.78	5	0.18	0.028
[redacted]			
0.95	<2	<0.09	0.026
0.68	4	<0.19	0.025
0.30	2	<0.19	0.057
0.41	2	<0.19	0.044
0.39	2	<0.19	0.046
0.79	2	<0.19	0.052
0.40	2	<0.19	0.043
0.81	2	<0.19	0.042
1.93	<2	—	0.044
—	<2	<0.19	—
1.21	—	—	—
1.86	2	<0.19	0.043
2.42	3	0.77	0.038
2.51	2	<0.19	0.038
2.94	6	0.23	0.060
0.76	<2	<0.19	0.024
0.97	<2	<0.19	0.015
0.76	3	<0.19	0.019
0.98	4	<0.19	0.038
[redacted]			
1.05	28	0.40	0.024
0.58	<2	<0.19	0.038
1.03	5	<0.19	0.061
0.70	<2	<0.19	0.041
0.74	<2	<0.19	0.063
0.84	<2	<0.19	0.048
1.30	3	<0.19	0.057
1.69	<2	0.34	0.111
1.36	<2	<0.27	0.120
0.95	<2	<0.27	0.061
0.91	<2	<0.27	0.049
1.06	<2	0.39	0.053
1.00	5	<0.27	0.056
1.32	5	<0.27	0.039
1.24	<2	<0.27	0.055
0.92	<2	<0.27	0.047
1.04	18	<0.27	0.036
1.05	<2	<0.27	0.091
0.82	—	<0.27	0.152
0.71	5	<0.27	0.117
1.63	<2	<0.27	0.100
1.22	<2	<0.27	0.120
0.84	3	<0.27	0.028

[redacted]			
1.67	6	<0.27	0.042
2.05	7	<0.27	0.051
1.79	3	<0.27	0.034
<1.00	<2	<0.27	0.039
0.58	<2	<0.295	0.036
2.93	3	<0.295	0.076
0.76	<2	<0.295	0.038
0.87	—	<0.295	0.039
1.00	5	<0.295	0.070
0.81	<2	<0.295	0.032
0.59	<2	<0.295	0.026
1.50	4	<0.295	0.029
1.37	4	<0.295	0.023
1.32	<2	<0.295	0.025
0.94	<2	<0.295	0.063
<1.00	<2	<0.295	0.052
<1.00	—	<0.295	0.064
0.95	—	<0.295	0.098
0.76	—	<0.295	0.137
0.60	<2	<0.295	0.083
0.84	<2	<0.295	0.024
<0.30	4	0.49	0.026
[redacted]			
0.47	—	<0.295	0.029
0.64	<2	<0.295	0.031
1.65	<2	<0.295	0.027
0.88	—	0.310	0.019
0.73	—	0.023	0.031
0.70	<2	0.135	0.182
<0.30	<2	0.135	0.197
0.50	<2	0.317	0.096
0.72	<2	0.159	0.131
0.61	<2	0.240	0.181
0.63	<2	0.124	0.098
1.62	<2	0.206	0.034
<0.30	2	0.271	0.038
[redacted]			
0.99	<2	0.327	0.032
0.43	<2	0.332	—
1.49	<2	0.162	0.020
2.56	<2	0.221	0.045
0.53	<2	0.026 J-R	0.045
0.76	<2	0.081	0.037
0.56	<2	0.176	0.043
0.80	<2	0.185	0.030
<0.30	<2	0.149	0.039
0.72	<2	0.054	0.031
0.96	<2	0.289	0.029

1.04		<2		0.194		0.056
0.94		<2		0.217		0.083
0.78		<2		0.153		0.118
0.44		<2		0.144		0.138
[redacted]						
1.09	BJ-QC/FBK/FFBFLS	<2	K	0.046	J-QC/FMS	0.031
1.41	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.362		0.024
1.91	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.297		0.048
1.55	BJ-QC/FBK/FFB	<2	K	0.611		0.053
0.77	BJ-QC/FBK/FFBFLS	<2	K	0.146	J-QC/FMS	0.045
1.67	J-QC/FFB/FFDRPOFLS	<2	K	<0.018	K	0.050
0.85	J-QC/FLS	<2	K	<0.018	K	0.050
1.71	BJ-QC/FBK/FFB	<2	K	0.303		0.024
0.60	BJ-QC/FBK/FFB	<2	K	0.209		0.030
0.90	BJ-QC/FBK/FLS	<2	KJ-QC/FFD/RPOFLS	<0.018	KJ-QC/FFD/RPO	0.027
0.31	J-QC/FFD/RPO	7	J-QC/FLS	<0.018	K	0.036
1.04	BJ-QC/FBK/FFB	<2	K	0.112	J-QC/FFD/RPO	0.028
<0.30	K	<2	KJ-QC/FLS	0.112		0.034
0.90	BJ-QC/FBK/FFB	<2	K	0.036	J-QC/FFD/RPO	0.040
1.13	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.014
0.74	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FLS	0.112		0.032
1.39	J-QC/FLS	3	J-QC/FLS	0.214		0.039
1.29	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	<0.018	K	0.049
2.16	BJ-QC/FBK/FFBFLS	<2	K	0.244		0.045
[redacted]						
1.15	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	<0.0175	K	0.0223
0.60	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.236		0.0238
1.40	BJ-QC/FBK/FFB	<2	KJ-HT/EHT	0.277	J-QC/FFD/RPO	0.0483
—	NAPQNS	—	NAPQNS	—	NAPQNS	—
1.47	BJ-QC/FBK/FFBFLS	<2	K	0.196		0.0522
0.64	BJ-QC/FBK/FFBFLS	<2	K	0.201		0.0764
1.73	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.040	J-QC/FMS	0.0356
0.68	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.236		0.0742
1.17	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.186		0.0400
1.76	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.523	J-QC/FFD/RPO	0.0536
1.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.267		0.0428
1.11	BJ-QC/FBK/FFB	<2	K	0.194		0.0143
1.05	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.309		0.0336
1.10	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	KJ-QC/FSL	0.0301
1.40	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.1006
0.72	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB/FLS	0.356		0.0434
0.56	BJ-QC/FBK/FFBFLS	<2	K	0.252		0.0528
1.67	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.377		0.0627
1.48	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.047		0.1113
1.50	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.171		0.0238
0.61	BJ-QC/FBK/FFB	<2	K	0.196		0.0307
[redacted]						
0.61	BJ-QC/FBK/FFBFLS	<2	K	0.317		0.0303
1.31	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.440		0.0246
1.83	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.162		0.0231

1.51	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.220		0.0318
1.44	BJ-QC/FBK/FFB	<2	K	0.180	J-QC/FMS	0.0160
1.30	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.109	J-QC/FMS	0.0205
1.37	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.087		0.0201
1.36	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.218		0.0237
1.46	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.109		0.0281
1.04	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.256		0.0675
1.31	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.142		0.0139
1.84	BJ-QC/FBK/FFBFLS	<2	K	0.037	J-RJ-QC/FFB	0.0264
0.63	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.321		0.0239
1.74	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.484		0.0390
0.79	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.441	J-QC/FFD/RPO	0.0338
1.55	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.446	J-QC/FFB	0.0210
1.15	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0293	K	0.0214
1.63	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.131	J-QC/FMS	0.0824
1.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.170		0.0425
1.35	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.262		0.0633
1.89	BJ-QC/FBK/FFBFLS	<2	K	0.032	J-R	0.0355
2.52	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.134	J-QC/FSL/FMS	0.0279
1.48	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.143	J-QC/FMS	0.0534
[redacted]						
0.84	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.169		0.0326
1.02	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPOFLS	0.606	J-QC/FSL	0.0293
2.07	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.445	J-QC/FSL/FMS	0.0415
1.03	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.241	J-QC/FLD/RPOFMS	0.0738
1.78	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.246	J-QC/FSL/FMS	0.0928
1.90	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0378	K	0.0420
1.53	BJ-QC/FBK/FFBFLDRPO	<2	K	0.162	J-QC/FSL	0.0462
1.30	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.131	J-QC/FMS	0.0585
1.52	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.178	J-QC/FMS	0.0605
1.14	BJ-QC/FBK/FFBFLS	<2	K	<0.0378	K	0.0322
0.59	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.248	J-QC/FMS	0.0374
0.83	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.095		0.0203
2.45	BJ-QC/FBK/FFBFFDRPOFLS	—	NAPQNS	0.269		0.0255
0.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.227		0.0405
1.35	BJ-QC/FBK/FFBFLS	<2	K	0.195		0.0257
1.09	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	<0.0378	K	0.0327
0.77	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.153		0.0731
0.63	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.058	J-R	0.1854
0.40	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0378	KJ-QC/FSL	0.1553
1.87	BJ-QC/FBK/FFB	<2	K	0.121		0.0473
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.464	J-QC/FFB/FMS	0.0277
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.190	J-QC/FMS	0.0274
—	NA	—	NA	—	NA	—
—	NA	<2	K	0.208		0.0245
[redacted]						
—	NA	<2	K	0.354	J-QC/LLS/FMS	0.0341
—	NA	<2	KJ-QC/FMS	0.319	J/LLS	0.0135
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.325	J/LLS	0.0378
—	NA	<2	K	0.268	J-QC/LLS/FMS	0.0557

—	NA	<2	KJ-QC/FMS	0.221	J-QC/LLS/FFDRPO	0.0631
1.29	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.114	J-QC/LLS/FMS	0.0589
1.02	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	1.050	J-QC/FSL	0.0583
1.34	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.108	J-QC/LLS/FMS	0.0436
0.60	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.528		0.0433
1.64	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	<0.0217	KJ-QC/FFD/RPOFMS	0.0226
2.64	BJ-QC/FBK/FFBFLS	<2	K	0.301	J/LLS	0.0528
1.19	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	KJ-QC/FSL	0.0276
1.52	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0164
1.81	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0466
1.80	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0181
1.40	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0286
1.27	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	<0.0911	K	0.0233
1.27	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	<0.0911	K	0.0193
0.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.265	J/LLS	0.0363
2.38	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.187	J/LLS	0.0264
1.01	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.175	J-R/LLS	0.0916
0.81	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.157	J-RJ-QC/LLS/FMS	0.0546
1.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.408		0.0259
0.72	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.321	J/LLS	0.0317
[redacted]						
2.68	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.292	J/LLS	0.0415
1.84	BJ-QC/FBK/FFBFMS	<2	K	0.244	J/LLS	0.0195
1.45	BJ-QC/FBK/FFB	<2	K	0.176	J-QC/LLS/FFB	0.0311
1.52	BJ-QC/FBK/FFBFMS	<2	K	0.330	J-QC/LLS/FFBFLDRPC	0.0401
1.65	BJ-QC/FBK/FFB	<2	K	0.040	J-RJ-QC/LLS/FFB	0.0290
1.85	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.125	J/LLS	0.0226
0.74	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC	0.114	J-QC/LLS	0.0399
0.80	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.167	J-QC/LLS/FFDRPO	0.0322
1.75	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.028	J-RJ-QC/LLS/FSL	0.0317
0.71	BJ-QC/FBK/FFB	<2	KJ-QC	<0.0267	K	0.0156
1.31	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.240	J-QC/LLS/FFB	0.0222
1.26	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.067	J/LLS	0.0203
1.27	BJ-QC/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.0224
1.80	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FMS	0.0202
0.77	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	KJ-QC/FSL	0.0219
1.11	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0140
1.62	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.039	J-R/LLS	0.0238
0.71	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0391
0.61	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	1.0992
0.83	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.266	J/LLS	0.0897
1.67	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.1078
0.55	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.148	J/LLS	0.0438
1.60	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.148	J/LLS	0.0294
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.84	0.390	0.33	—
	0.39	0.163	0.11	—
	0.31	0.215	0.20	—
	0.28	0.178	0.15	—
	0.99	1.06	0.29	—
	0.78	0.322	0.40	—
	0.41	0.200	0.25	—
	0.61	0.085	0.15	—
	0.84	0.250	0.25	—
	0.46	0.187	0.15	—
	1.56	0.205	0.25	—
	—	—	0.17	—
	—	—	—	—
	0.5	0.135	0.13	—
	0.55	0.145	0.15	—
	0.66	0.157	0.17	—
	0.57	0.181	0.19	—
	0.76	0.103	0.14	—
	0.56	0.148	0.16	—
	0.62	0.102	0.09	—
	1.03	0.160	0.16	—
	0.62	0.079	0.14	—
	0.45	0.171	0.37	—
	0.59	0.429	0.93	—
	0.63	0.236	0.49	—
	0.43	0.240	0.34	—
	0.82	0.139	0.28	—
	0.48	0.216	0.27	—
	0.51	0.327	0.46	—
	0.70	0.295	0.47	—
	0.96	0.286	0.41	—
	0.61	0.154	0.15	—
	0.60	0.181	0.27	—
	0.64	0.255	0.40	—
	0.62	0.349	0.18	—
	0.51	0.249	0.23	—
	0.67	0.353	0.37	—
	0.46	0.199	0.21	—
	0.64	0.280	0.23	—
	0.48	0.182	0.19	—
	0.47	0.156	0.17	—
	1.04	0.725	0.63	—
	0.80	0.458	0.44	—
	0.60	0.173	0.28	—

0.80	0.45	2.18	—
0.53	0.739	1.33	—
0.66	0.606	1.08	—
0.37	0.183	0.24	—
0.49	0.108	0.10	—
0.55	0.530	1.10	—
0.71	0.114	0.17	—
0.57	0.226	—	—
0.99	0.518	0.08	—
0.38	0.226	0.47	—
0.54	0.106	0.20	—
0.47	0.174	0.20	—
0.27	0.122	0.15	—
0.36	0.141	0.14	—
0.37	0.171	0.16	—
0.42	0.121	0.12	—
1.11	0.281	—	—
1.28	0.184	—	—
0.54	0.117	—	—
0.57	0.139	0.41	—
0.52	0.182	0.14	—
0.50	0.130	0.25	—
0.501	0.108	0.13	—
0.527	0.167	0.22	—
0.393	0.267	0.29	—
0.676	0.148	0.10	—
0.444	0.086	0.12	—
0.955	0.223	0.15	—
1.21	—	0.17	—
0.476	0.17	0.18	—
0.681	0.14	0.14	—
0.511	0.17	0.14	—
0.842	0.25	0.32	—
1.05	0.28	0.16	—
0.664	0.19	0.10	—
0.484	0.15	0.11	—
0.288	0.18	0.11	—
0.616	0.10	0.15	—
0.626	0.07	0.11	—
0.676	0.41	0.05	—
0.430	0.16	0.09	—
0.912	0.08	0.10	—
0.701	0.12	0.13	—
0.256	0.17	0.12	—
0.962	0.06	0.08	—
2.22	0.16	0.15	—

	0.666		0.26		0.30		—
	0.411		0.13		0.15		—
	0.609		0.29		0.32		—
	1.20		0.13		0.14		—
[redacted]							
J-QC/FFD/RPO	0.568		0.08	J-QC/FFD/RPO	0.09		—
	0.490	J-QC/FLS	0.15	J-QC/FFD/RPO	0.08		—
	0.358		0.48		0.47		—
	0.393		0.14	J-QC/FFB	0.16	J-QC/FFB/FFDRPO	—
J-QC/FFB	0.847		0.13		0.12	J-QC/FFD/RPO	—
	0.631	J-QC/FFB	0.09		0.10	J-QC/FFD/RPO	—
J-QC/FFB	0.485		0.13		0.10		—
	0.373		0.15		0.15		—
	0.637	J-QC/FFB	0.09	J-QC/FFD/RPO	0.10		—
	0.265		0.10		0.09		—
	0.284		0.18	J-QC/FFB	0.12		—
	0.319	J-QC/FFB	0.11		0.10		—
J-QC/FFB	0.394		0.14	J-QC/FFD/RPO	0.11		—
	0.336		0.16	J-QC/FFB	0.22		—
	0.377		0.13		0.11		—
	0.352		0.16		0.15		—
	0.763		0.30	J-QC/FFD/RPO	0.08		—
	0.787		0.15		0.15		—
J-QC/FFB	0.583		0.34		0.07		—
[redacted]							
J-QC/FFB	0.607		0.13		0.14		—
	0.396	J-QC/FFD/RPO	0.50		0.37		—
	0.663		0.10	J-QC/FLD/RPO	0.11		—
NAPQNS	—	NAPQNS	—	NAPQNS	—	NAPQNS	—
J-QC/FFB	2.00		0.11		0.12		—
	0.413		0.15		0.15	J-QC/FFD/RPO	—
J-QC/FFB	0.313		0.07		0.06	J-QC/FLS	—
	0.524		0.19	J-QC/FFB	0.14		—
	0.464		0.11	J-QC/FFB	0.11		—
J-QC/FFB	0.740		0.19	J-QC/FFB	0.15		—
J-QC/FFB	0.461		0.15		0.14		—
	0.164		0.09		0.09		—
	0.734		0.20		0.18		—
	0.203	J-QC/FFD/RPO	0.14		0.13		—
	0.387	J-QC/FFD/RPO	0.15		0.12		—
	0.711	J-QC/FFB	0.18		0.17		—
	0.303		0.20		0.14		—
	0.649		0.57		0.45		—
	0.535		0.38		0.24		—
	0.599		0.20		0.11		—
	0.568		0.42	J-QC/FFD/RPO	0.10	J-QC/FFD/RPO	—
[redacted]							
	0.3820	J-QC/FFD/RPO	0.09		0.09	J-QC/FFD/RPO	—
J-QC/FFB	0.7820	J-QC/FFB	0.24	J-QC/FFB	0.11		—
	0.7045		0.26		0.22	J-QC/FLS	—

	0.8195	J-QC/FLS	0.10		0.09	J-QC/FLS	—
	0.1933		0.12		0.13	J-QC/FFB	—
	0.4431		0.10		0.09		—
J-QC/FFB/FFDRPO	0.6010		0.08		0.10		—
	0.3734		0.10		0.09		—
	0.3342	J-QC/FFB	0.08	J-QC/FLS	0.09		—
	0.5005	J-QC/FLS	0.23	J-QC/FFD/RPO	0.09		—
	0.5049		0.06		0.07		—
	0.5835		0.13		0.12		—
J-QC/FFB	0.2358	J-QC/FFB	0.11		0.11		—
	0.5610		0.16		0.16	J-QC/FLS	—
	0.4803	J-QC/FFB	0.16		0.16		—
	0.5282		0.13		0.16	J-QC/FFB	—
	0.2989		0.09	J-QC/FLS	0.09		—
	0.6374		0.20	J-QC/FFB/FLDRPOFLS	0.24	J-QC/FFB	—
J-QC/FFB	0.3837		0.10		0.13		—
J-QC/FFB	0.5482		0.10		0.14		—
J-QC/FFB	0.4533		0.12	J-QC/FLD/RPOFLS	0.11		—
J-QC/FFB	0.6153		0.13		0.12	J-QC/FFB	—
J-QC/FFB	0.5837		0.10		0.20		—
[redacted]							
J-QC/FFB	0.4555	J-QC/FLS	0.09		0.09		—
J-QC/FFB	0.5452	J-QC/FFB	0.09		0.09		—
J-QC/FFB	0.5419		0.10		0.08		—
J-QC/FFB	0.4712		0.13		0.13		—
J-QC/FFB	0.6995		0.11		0.09		—
J-QC/FFB	0.8746		0.10		0.09		—
J-QC/FFB	0.6408		0.12		0.12		—
J-QC/FFB	0.8770		0.23		0.26		—
J-QC/FFB	0.5599	J-QC/FLS	0.14		0.12		—
	0.7068		0.14		0.13	J-QC/FFB	—
	0.6768	J-QC/FLS	0.13		0.12		—
	0.4313		0.12		0.11		—
	1.2018		0.16	J-QC/FFD/RPO	0.12	J-QC/FFB	—
	0.7171	J-QC/FLS	0.16		0.18		—
	0.7960	J-QC/FLS	0.14		0.14		—
	0.3782	J-QC/FFD/RPO	0.12		0.10		—
	0.5788	J-QCJ-HT/FFB/EHT	0.12		0.15		—
	0.6405		0.19		0.14		—
	0.5617		0.19	J-QC/FLS	0.17	J-QC/FFB	—
	0.8853	J-HT/EHT	0.32		0.17		—
J-QC/FFB	0.5256		0.17	J-QC/FFD/RPO	0.14	J-QC/FFD/RPO	—
J-QC/FFB	0.6852		0.28		0.27	J-QC/FLS	—
NA	—	NA	—	NA	—	NA	—
J-QC/FFB	1.0481		0.14		0.12		—
[redacted]							
J-QC/FFB	0.4934	[redacted]	0.12	J-QC	0.11	J-QC	—
J-QC/FFB	0.4718	J-QC/FLS	0.08	[redacted]	0.07	J-QC	—
[redacted]	0.5595	J-QC/FFB/FLS	0.34	J-QC	0.28	J-QC	—
J-QC/FFB	0.3495	[redacted]	0.21	J-QC/FFD/RPO	0.11	[redacted]	—

J-HT/EHT	1.0602	J-QC/FFB	0.23	[redacted]	0.14	J-QC	—
J-QC/FFB	1.1685	J-QC/FFB	0.11	[redacted]	0.11	[redacted]	—
J-QC/FFB	1.1158	[redacted]	0.11	J-QC/FLD/RPO	0.08	[redacted]	—
J-QC/FFB	0.6675	[redacted]	0.17	[redacted]	0.17	J-QCJ-HT/FFB/EHT	—
[redacted]	0.3557	J-HT/EHT	0.09	J-QC/FMS	0.09	[redacted]	—
J-QC/FFB	0.4564	[redacted]	0.07	J-QC/FLD/RPO	0.09	[redacted]	—
J-QC/FFB	0.5470	[redacted]	0.45	J-QC/FLD/RPO	0.14	J-QC/FLD/RPO	—
[redacted]	0.8250	[redacted]	0.23	J-QC/FFB	0.19	[redacted]	—
[redacted]	0.5324	[redacted]	0.09	J-QC/FMS	0.08	[redacted]	—
J-QC/FFB	0.6437	[redacted]	0.15	[redacted]	0.16	[redacted]	—
J-QC/FFB	0.7418	[redacted]	0.13	J-QC/FLD/RPOFMS	0.13	[redacted]	—
[redacted]	0.5312	[redacted]	0.12	J-QC/FFB	0.11	[redacted]	—
[redacted]	0.5287	J-HT/EHT	0.13	[redacted]	0.13	[redacted]	—
J-QC/FFB	0.6966	[redacted]	0.13	J-QC	0.12	J-QC	—
J-QC/FFB	0.3381	J-QC/FLS	0.12	[redacted]	0.11	[redacted]	—
J-QC/FFB	0.2759	[redacted]	0.15	[redacted]	0.12	[redacted]	—
J-QC/FFB	0.6607	J-QCJ-HT/FLS/EHT	0.12	[redacted]	0.15	J-QC/FFB	—
J-QC/FFB	0.4566	[redacted]	0.14	J-QC/FLD/RPOFMS	0.18	J-QC/FFB	—
J-QC/FFB	0.7523	[redacted]	0.15	J-QC	0.13	J-QC	—
[redacted]	0.4491	[redacted]	0.14	[redacted]	0.11	J-QC/FFD/RPO	—
[redacted]							
	0.7333	J-HT/EHT	0.65	J/SUS/OUT	0.66	J/SUS/OUT	—
J-QC/FFB	0.6185		0.07	J-QC/FFB	0.08	J-QC/FFB	—
J-QC/FFB	0.5042		0.15	J-QC/FFB	0.11		—
J-QC/FFB	0.5730		0.42		0.38		—
	0.5956	J-QCJ-HT/FLS	0.08		0.08		—
J-QC/FFB	0.5349	J-QC/FFD/RPOFLS	0.08		0.08		—
	0.3455		0.27		0.23	J-QC/FFB	—
	0.4741		0.08		0.09		—
J-QC/FFB	0.5296	J-QC	0.10		0.09		—
J-HT	0.5561		0.06		0.06		—
J-QC/FFB	0.6562	J-HT	0.12		0.10		—
J-QC/FFB	0.5864	J-HT	0.11		0.10		—
	0.5561		0.12		0.11		—
J-QC/FFB	0.6963	J-QC/FLS	0.09		0.08		—
	0.4818		0.13		0.14		—
J-QC/FFB	0.5488	J-HT	0.25	J-QC/FFB	0.10		—
J-QC/FFB	0.4937		0.13		0.10		—
J-QC/FFB	0.5595		0.15	J-QC	0.15	J-QC	—
	0.0778		0.13	J-QC/FFB	0.12		—
J-QC/FFB	0.4000	J-HT	0.17	J-QC/FFB	0.13		—
J-QC/FFB	0.4927		0.15		0.13		—
J-QC/FFB	0.5105		0.30	J-QC	0.25	J-QC	—
	0.7163	J-QC/FSL	0.19	J-QC	0.17	J-QC	—
[redacted]							

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	<0.5	0.00	0.01
	2.5	0.00	0.11
[redacted]			
	0.7	0.00	0.35
	20.0	0.03	0.03
	19.0	0.00	0.00
	11.0	0.00	0.00
	1.0	0.00	0.24
	7.6	0.00	0.27
	9.2	0.00	0.00
	3.6	0.31	0.31
	8.9	0.00	0.18
	4.2	0.00	0.00
	—	0.85	0.85
	6.6	0.00	0.00
	—	0.00	0.45
	7.4	0.00	0.00
	3.1	0.10	0.10
	7.0	0.03	0.03
	6.3	0.00	0.00
	3.0	0.00	0.00
	4.5	0.00	0.00
[redacted]			
	0.7	0.00	0.01
	1.2	0.00	0.00
	<0.5	0.00	0.00
	0.9	0.09	0.24
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.12
	<0.5	0.00	0.00
	—	0.00	0.40
	1.7	0.00	0.46
	0.9	0.83	0.83
	2.8	0.00	0.00
	3.0	0.00	0.00
	2.3	0.00	0.07
	1.5	0.00	0.00
	2.1	0.00	0.01
	3.0	0.08	0.66
	2.2	0.00	0.00
	2.5	0.05	0.05
	2.1	0.00	0.00
	2.2	0.00	0.00
	1.8	0.00	0.00
	1.9	0.00	0.03

13.3	0.00	0.00
5.1	0.00	0.00
3.7	0.00	0.00
2.3	0.00	0.00
3.4	0.00	0.00
3.6	0.00	0.01
5.9	0.00	0.00
—	0.00	0.00
1.5	0.00	0.00
1.9	0.00	0.00
5.8	0.00	0.00
6.5	0.00	0.00
5.1	0.00	0.00
5.6	0.00	0.00
6.1	0.00	0.04
1.6	0.00	0.27
—	0.35	0.35
—	0.00	0.00
—	0.00	0.00
5.8	0.02	0.03
1.0	0.00	0.00
18.8	0.00	0.00
1.2	0.00	0.00
1.1	0.00	0.00
<0.5	0.02	0.14
0.7	0.01	0.18
<0.5	0.32	0.74
1.8	0.00	0.00
<0.5	0.00	0.00
5.7	0.00	0.00
3.7	0.00	0.00
4.3	0.00	0.00
4.3	0.00	0.00
5.0	0.00	0.01
2.7	0.00	0.01
2.4	0.01	0.02
1.3	0.02	0.10
3.0	0.00	0.00
4.9	0.00	0.00
4.3	0.00	0.00
4.0	0.00	0.00
4.2	0.09	0.09
3.6	0.00	0.14
4.0	0.00	0.00
3.0	0.26	0.26
—	0.00	0.00

	2.6		0.00	0.00
	3.6		0.00	0.00
	2.7		0.00	0.00
	3.3		0.00	0.00
	3.6		0.00	0.05
	3.6	J-QC/FFD/RPO	0.00	0.00
	3.8		0.00	0.00
	3.5	J-QC/FFD/RPO	0.63	0.97
	5.0	J-QC/FFB/FFDRPO	0.00	0.00
	5.1		0.25	0.25
	3.6		0.00	0.01
	3.6		0.00	0.43
	4.3		0.00	0.00
	4.7		0.00	0.00
	4.3	J-QC/FFB	0.00	1.44
	4.3		0.00	0.00
	4.8	J-QC/FFB	0.00	0.41
	4.2		0.00	0.00
	4.7	J-QC/FFB	0.00	0.00
	4.0	J-QC/FFB	0.00	0.00
	4.1	J-QC/FFB	0.00	0.00
	3.8	BJ-QC/FBK/FFB	0.00	0.00
	4.2	J-QC/FFB	0.00	0.00
NA	4.90	J-QC/FFB/FFDRPO	1.22	1.22
NA	3.80		0.00	0.00
NA	3.72		0.00	0.03
NA	—	NAPQNS	0.00	0.00
NA	3.50	J-QC/FFB	0.00	0.00
NA	3.62	J-QC/FFB/FLDRPO	0.25	0.25
NA	3.78	J-QC/FFB	0.00	0.02
NA	3.55	J-QC/FFB	0.43	0.43
NA	3.60	J-QC/FFB	0.00	0.00
NA	3.20	J-QC/FFB/FFDRPO	1.69	2.78
NA	2.90		0.00	0.00
NA	2.30	J-QC/FFD/RPO	0.00	0.01
NA	3.50	BJ-QC/FBK/FFB	0.07	0.07
NA	3.60	J-QC/FFB	0.00	0.00
NA	3.40	BJ-QC/FBK/FFB	0.00	0.00
NA	3.50	J-QC/FFB	0.00	0.00
NA	3.20	J-QC/FFB	0.68	0.68
NA	3.30		0.00	0.09
NA	2.70		0.01	0.28
NA	4.50		0.00	0.15
NA	4.10		0.00	0.00
NA	4.0		0.00	0.00
NA	4.2	J-QC/FFB	0.00	0.10
NA	4.0		0.00	0.17

NA	3.0		0.00	0.64
NA	2.9	BJ-QC/FBK/FFB	0.00	0.57
NA	3.8	BJ-QC/FBK/FFBFFDFLDRPOFSL	0.00	0.00
NA	3.5	J-QC/FFB	0.00	0.03
NA	2.4		0.00	0.00
NA	3.0		0.00	0.00
NA	3.2	J-QC/FFD/RPO	0.00	0.49
NA	2.8	J-QC/FFB	0.00	0.00
NA	3.4	J-QC/FFB	0.00	0.00
NA	3.4	J-QC/FFB	0.00	0.39
NA	3.4	J-QC/FFB	0.00	0.28
NA	3.9	J-QC/FFB	0.00	1.32
NA	3.5	J-QC/FFB	0.22	0.23
NA	3.5	J-QC/FFB	0.00	0.00
NA	5.5	J-QC/FFB/FFDRPO	1.36	5.34
NA	4.1	J-QC/FFB	0.04	0.04
NA	4.0	J-QC/FFB	0.00	0.00
NA	5.9	J-QC/FFB	0.00	0.00
NA	3.5		0.00	0.00
NA	3.8		0.00	0.00
[redacted]				
NA	2.9		0.00	0.00
NA	3.0	J-QC/FFB	0.00	0.00
NA	3.1	BJ-QC/FBK/FFB	0.00	0.00
NA	1.3	J-QC/FFB	0.00	0.00
NA	1.9	J-QC/FFB	0.00	0.00
NA	2.3	BJ-QC/FBK/FFB	0.03	0.03
NA	2.2	J-QC/FFB	0.02	0.18
NA	2.2	J-QC/FFB	0.02	1.38
NA	1.8	J-QC/FFB	0.00	0.06
NA	2.5	B/FBK	0.00	0.00
NA	2.0	BJ-QC/FBK/FFB	0.00	0.00
NA	3.7	BJ-QC/FBK/FFB	0.00	0.00
NA	3.0		0.00	0.00
NA	3.5		0.23	0.23
NA	2.4	J-QC/FFD/RPO	0.00	0.05
NA	5.8	J-QC/FFB/FFDRPO	0.00	0.00
NA	2.4	J-QC/FFB	0.00	0.00
NA	1.9	J-QC/FFB	0.00	0.12
NA	1.4		0.00	0.00
NA	4.2	J-QC/FFB	0.00	0.00
NA	4.7		0.00	0.00
NA	4.2		0.00	0.00
NA	—	NA	0.00	0.00
NA	3.9	J-QC/FFB	0.14	0.14
[redacted]				
NA	2.91	BJ-QC/FBK/FFB	0.00	0.00
NA	3.35	J-QC/FFB/FFDRPO	0.00	0.02
NA	3.39	J-QC/FFB	0.68	0.68
NA	3.4	J-QC/FFD/RPO	0.00	0.00

NA	2.5	J-QC/FFD/RPO	0.00	0.00
NA	2.9	J-QC/FLD/RPO	0.00	0.00
NA	2.3	J-QC/FFB	0.53	0.53
NA	4.3	J-QC/FFB	0.00	0.00
NA	2.9		0.18	0.18
NA	3.6	J-QC	0.00	0.14
NA	4.3	J-QC	0.01	0.12
NA	7.0		0.00	0.00
NA	5.3	J-QC/FFB/FLDRPO	0.00	0.00
NA	3.2	J-QC/FFB/FLDRPO	0.57	0.76
NA	4.7	J-QC/FFB	0.00	0.00
NA	4.0	J-QC/FFB	0.00	0.00
NA	3.3		0.00	0.00
NA	3.8	J-QC	0.01	0.04
NA	2.1		0.00	0.05
NA	2.4	J-QC/FFD/RPO	0.00	0.00
NA	49.2	J/SUS/OUT	0.00	0.00
NA	5.43	BJ-QC/FBK/FFBFLDRPOFMS	0.00	0.00
NA	3.92	J-QC	0.00	0.00
NA	3.65		0.00	0.00
[redacted]				
NA	2.4	J-QC/FMS	0.00	0.01
NA	4.0		0.00	0.07
NA	3.3		0.00	0.00
NA	2.7	BJ-QC/FBK/FFDRPO	0.00	0.00
NA	5.0	B/FBK	0.00	0.00
NA	5.2		0.99	0.99
NA	3.6	J-QC/FMS	0.04	0.03
NA	3.2		0.00	0.00
NA	2.4		0.00	0.00
NA	2.4		0.00	0.00
NA	2.0		0.00	0.73
NA	1.5	J-QC/FLD/RPO	0.00	0.00
NA	2.9		0.00	0.28
NA	3.7	J-QC/FFB	0.00	0.00
NA	1.6		0.00	0.00
NA	3.4		0.00	0.00
NA	3.0		0.00	0.00
NA	2.2		0.00	0.03
NA	2.3		0.73	0.73
NA	2.8	J-QC/FLD/RPO	0.00	0.00
NA	3.1	J-QC/FFD/RPO	0.00	0.00
NA	3.7		0.00	0.47
NA	3.1	J-QC/FMS	0.10	0.10
[redacted]				

Station #32 Upper Hudson River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 2, 2003	10:25	6.73	7.7	9.92
December 16, 2003	10:30	6.60	3.7	11.96
2004				
January 6, 2004	10:15	5.40	4.1	11.99
March 2, 2004	10:50	7.74	4.3	10.86
April 7, 2004	11:00	7.76	6.4	10.06
April 20, 2004	11:10	7.49	10.6	9.98
May 4, 2004	11:00	6.51	12.5	9.27
June 2, 2004	11:00	7.39	—	3.00
June 8, 2004	11:00	—	—	3.60
June 22, 2004	10:50	7.65	20.9	7.72
June 28, 2004	11:17	7.81	—	9.89
July 6, 2004	11:45	7.32	22.3	8.22
July 20, 2004	11:55	7.53	23.6	5.78
July 27, 2004	11:10	7.01	25.4	6.62
August 3, 2004	12:15	7.20	24.66	4.55
August 10, 2004	11:17	8.05	24.89	10.16
August 17, 2004	11:36	7.00	23.04	5.02
August 24, 2004	11:55	—	24.88	5.37
August 31, 2004	11:43	7.41	24.27	7.38
September 7, 2004	11:08	7.72	24.16	10.21
September 21, 2004	11:10	7.18	21.30	7.25
October 7, 2004	11:30	7.45	18.81	8.42
October 26, 2004	11:10	—	14.3	6.88
November 18, 2004	11:50	7.64	9.94	8.83
2005				
March 22, 2005	10:33	—	5.10	11.55
April 12, 2005	10:29	6.53	8.60	—
April 26, 2005	11:19	7.72	11.58	9.63
May 2, 2005	11:24	7.65	12.41	11.06
May 10, 2005	11:09	7.66	12.52	11.06
May 17, 2005	11:11	7.71	15.86	10.34
May 23, 2005	11:59	7.58	14.95	8.17
June 1, 2005	11:08	7.52	16.71	8.03
June 7, 2005	10:58	7.30	17.68	6.66
June 30, 2005	11:03	7.32	23.40	5.80
July 5, 2005	11:24	7.48	23.39	6.77
July 12, 2005	10:56	7.52	24.49	7.08
July 20, 2005	12:19	7.39	25.63	5.64
July 26, 2005	11:46	7.23	26.17	4.64
August 1, 2005	12:56	7.54	25.88	6.37
August 10, 2005	—	—	—	—
August 15, 2005	11:16	7.67	26.89	6.18
August 24, 2005	10:56	—	25.22	5.03
August 29, 2005	11:50	—	25.57	6.11
September 13, 2005	10:56	7.64	23.83	7.74

September 21, 2005		11:53	7.35	23.94	5.17
October 5, 2005		12:07	7.41	20.85	5.55
October 19, 2005		11:36	8.45	17.61	8.37
2006					
February 2, 2006		10:29	7.81	3.98	14.16
February 15, 2006		10:36	7.64	3.64	13.28
March 1, 2006		10:08	7.85	3.47	12.36
March 29, 2006		10:52	7.88	6.51	10.44
April 10, 2006		11:40	7.90	7.72	8.85
April 26, 2006		11:28	7.44	12.06	9.89
May 4, 2006		11:33	7.48	14.12	10.19
May 10, 2006		11:28	7.79	14.24	9.00
June 21, 2006		10:41	7.35	21.32	6.00
July 10, 2006		11:39	7.41	21.24	9.00
July 26, 2006		10:02	7.14	24.63	5.11
August 2, 2006		09:57	7.61	27.69	7.01
August 7, 2006		10:22	7.90	23.79	8.18
August 17, 2006		10:24	7.34	24.82	5.22
August 21, 2006		11:09	7.40	24.24	5.50
August 31, 2006		11:05	7.47	23.08	6.18
September 5, 2006		11:26	7.40	21.72	5.80
September 20, 2006		10:28	7.48	21.61	5.39
September 27, 2006		10:36	7.38	20.58	6.26
October 19, 2006		10:28	7.52	17.06	7.98
November 1, 2006		10:28	7.79	13.48	9.49
November 29, 2006		10:16	7.73	10.06	9.45
2007					
January 11, 2007		12:12	8.38	5.22	12.80
January 24, 2007		10:37	7.82	4.05	10.29
February 21, 2007		12:18	7.73	1.44	9.79
March 21, 2007		11:05	7.75	2.26	15.52
April 3, 2007		10:31	7.54	5.30	13.02
May 2, 2007		10:43	7.53	10.36	11.89
Boat engine failure - 5/18/07					
September 6, 2007		10:24	7.37	23.11	5.90
September 13, 2007		10:36	7.25	23.31	5.78
September 26, 2007		10:33	7.49	21.48	8.91
October 4, 2007		11:54	7.30	21.92	5.71
October 17, 2007	A	10:06	7.35	19.36	6.22
October 17, 2007	B	10:06	—	—	—
October 31, 2007	A	10:13	7.36	16.59	7.23
October 31, 2007	B	10:13	—	—	—
November 28, 2007	A	10:41	—	9.52	9.99
November 28, 2007	B	10:41	—	—	—
December 12, 2007	A	10:40	—	6.84	9.39
December 12, 2007	B	10:40	—	—	—
2008					
January 10, 2008	A	10:47	—	3.66	11.26
January 10, 2008	B	10:47	—	—	—
February 5, 2008	A	10:30	7.72	4.00	10.87

February 5, 2008	B	10:30	—		—		—
March 12, 2008	A	10:48	7.67		2.81		13.72
March 12, 2008	B	10:48	—		—		—
May 7, 2008	A	10:26	7.49		13.64		8.45
May 7, 2008	B	10:26	—		—		—
May 14, 2008	A	10:06	7.66		14.17		8.98
May 14, 2008	B	10:06	—		—		—
June 12, 2008	A	11:23	7.69		22.43		8.72
June 12, 2008	B	11:23	—		—		—
June 18, 2008	A	10:38	7.62		20.80		7.37
June 18, 2008	B	10:38	—		—		—
June 25, 2008	A	10:46	7.47		22.60		6.07
June 25, 2008	B	10:46	—		—		—
July 16, 2008	A	10:15	7.53		24.58		6.76
July 16, 2008	B	10:15	—		—		—
August 14, 2008	A	10:46	7.91		24.23		8.15
August 14, 2008	B	10:46	—		—		—
August 20, 2008	A	10:14	7.40		23.57		5.13
August 20, 2008	B	10:14	—		—		—
September 3, 2008	A	10:38	7.36		23.49		5.58
September 3, 2008	B	10:38	—		—		—
September 11, 2008		10:25	7.49		23.41		6.80
September 17, 2008		10:22	7.27		22.15		3.79
October 8, 2008		10:26	—		17.95		5.80
2009							
February 4, 2009		11:06	7.66		0.94		9.76
March 5, 2009		11:25	7.50		1.94		13.03
April 27, 2009		10:49	7.00		10.77		—
May 6, 2009		10:57	7.39		12.96		—
May 21, 2009		10:41	7.48		15.50		—
June 2, 2009		10:21	7.26		17.76		—
June 17, 2009		11:08	7.53		20.40		7.36
June 25, 2009		10:18	7.38		21.01		6.25
July 9, 2009		10:33	7.60		22.27		7.26
July 16, 2009		10:57	—	NAPEFAI/EQF	22.81		8.44
July 22, 2009		11:18	—	NAPEFAI/EQF	21.58		5.11
August 5, 2009		10:19	—	NAPEFAI/EQF	24.82		5.81
August 11, 2009		10:31	—	NAPEFAI/EQF	24.68		5.88
August 20, 2009		10:16	—	NAPEFAI/EQF	24.57		—
August 26, 2009		10:27	—	NAPEFAI/EQF	26.49		—
September 3, 2009		10:18	—	NAPEFAI/EQF	22.86		—
September 23, 2009		10:58	—	NAPEFAI/EQF	21.37		—
October 14, 2009		11:00	—	NAPEFAI/EQF	16.24		—
December 7, 2009		10:40	7.81		9.06		11.41
2010							
March 22, 2010		10:47	7.52		6.77		18.15
April 14, 2010	A	10:16	7.55		9.36		11.12
April 14, 2010	B	10:16	—	NA	—	NA	—
May 5, 2010		10:51	7.53		15.40		10.12
May 11, 2010	A	10:53	7.64		13.03		9.47

May 11, 2010	B	10:53	—	NA	—	NA	—
May 17, 2010	A	10:30	7.44		13.71		8.80
May 17, 2010	B	10:30	—	NA	—	NA	—
May 27, 2010		10:35	7.50		16.19		9.22
June 7, 2010	A	10:40	8.16		22.18		10.45
June 7, 2010	B	10:40	—	NA	—	NA	—
June 22, 2010	A	10:47	7.40		22.90		9.18
June 22, 2010	B	10:47	—	NA	—	NA	—
June 30, 2010		10:12	7.52		24.37		6.18
July 14, 2010		11:09	7.45		23.75		6.14
July 21, 2010		10:30	7.83		26.56		7.66
August 5, 2010		10:11	7.78		24.95		5.57
August 12, 2010		10:22	7.42		24.48		4.20
August 18, 2010		10:13	7.54		25.17		5.35
September 1, 2010		10:30	8.13		25.66		10.37
September 9, 2010		10:36	7.69		22.79		5.56
September 16, 2010		10:33	7.57		20.95		6.71
September 23, 2010		09:45	7.45		20.59		6.43
October 5, 2010		11:04	7.51		19.26		7.55
November 18, 2010		10:28	7.68		10.84		10.06
December 9, 2010		10:53	7.74		5.39		11.71
2011							
January 4, 2011		11:25	7.76		2.83		11.99
February 9, 2011		10:56	7.68		0.43		14.74
March 8, 2011		10:33	7.42		2.88		16.31
April 14, 2011		10:55	7.21		7.85		14.00
May 5, 2011		10:53	6.71		11.90		10.13
May 12, 2011		10:45	—	NAPEFAI/EQF	14.39		8.97
May 24, 2011		10:43	7.54		16.63		8.90
June 1, 2011		10:35	7.62		19.95		9.95
June 8, 2011		10:44	7.47		20.67		7.38
June 15, 2011		10:37	7.29		19.59		6.25
June 27, 2011		10:34	7.61		23.73		7.44
July 11, 2011		10:40	7.67		25.53		6.68
July 26, 2011		10:33	7.98		25.98		6.87
August 2, 2011		10:28	7.32		25.00		4.23
August 10, 2011		11:05	7.35		25.90		4.86
August 16, 2011		10:35	7.32		24.78		5.06
August 23, 2011		10:33	7.92		25.39		7.60
September 7, 2011		10:53	7.54		22.11		6.95
September 20, 2011		10:24	7.65		19.15		7.43
September 27, 2011		10:30	7.41		20.50		5.17
October 24, 2011		10:48	7.63		15.97		7.44
November 1, 2011		10:43	7.79		12.62		9.18
December 19, 2011		11:00	7.84		7.02		11.59
2012							
January 10, 2012		10:19	7.77		7.12		9.76
February 7, 2012		10:54	7.76		5.54		10.45
March 6, 2012	A	10:53	7.84		5.25		10.87
March 6, 2012	B	10:53	—	NA	—	NA	—

April 17, 2012		11:04	7.66		12.86		8.16
May 7, 2012		10:12	7.45		13.58		9.35
May 14, 2012		10:27	7.62		16.16		8.22
May 30, 2012	A	10:59	7.57		20.86		7.02
May 30, 2012	B	10:59	—	NA	—	NA	—
June 5, 2012		10:35	7.23		19.63		4.73
June 11, 2012		10:28	—	NAPEFAI/EQF	21.62		4.33
June 19, 2012		10:25	—	NAPEFAI/EQF	21.32		4.16
July 2, 2012		10:22	—	NAPEFAI/EQF	22.87		3.57
July 10, 2012		10:31	8.15		26.06		8.57
July 17, 2012		10:35	7.75		25.46		6.86
August 1, 2012		10:20	7.37		24.32		4.62
August 7, 2012		10:33	7.47		26.53		6.22
August 14, 2012		10:25	7.70		26.25		6.80
August 21, 2012		10:28	7.31		24.83		4.54
August 29, 2012		10:35	7.33		24.67		5.99
September 13, 2012		10:28	7.56		23.40		6.16
October 17, 2012		09:01	7.53		16.85		6.70
November 19, 2012		08:55	7.69		9.56		10.24
November 20, 2012	A	09:43	7.70		9.49		9.05
November 20, 2012	B	09:43	—	NA	—	NA	—
November 21, 2012		09:39	7.70		9.49		9.28
December 6, 2012		09:26	7.76		7.92		10.15
2013							
January 9, 2013	A	09:28	7.79		5.38		10.93
January 9, 2013	B	09:28	—	NA	—	NA	—
February 5, 2013		09:07	7.64		2.14		12.80
March 11, 2013		09:02	7.66		3.83		12.74
April 4, 2013	A	09:21	7.86		5.78		11.02
April 4, 2013	B	09:21	—	NA	—	NA	—
May 6, 2013		10:48	7.66		13.37		8.66
May 14, 2013		10:22	7.61		15.11		7.59
May 22, 2013		10:20	7.57		15.10		7.40
May 30, 2013		10:18	7.56		16.97		7.74
June 5, 2013		10:14	7.73		19.52		7.72
June 18, 2013		10:25	7.84		20.78		7.70
June 25, 2013		10:29	7.47		20.82		6.18
July 9, 2013		11:01	7.73		24.99		7.04
July 16, 2013	A	10:45	7.71		26.02		6.53
July 16, 2013	B	10:45	—	NA	—	NA	—
July 23, 2013		10:50	7.62		24.62		4.97
July 31, 2013		10:31	7.70		25.04		6.62
August 6, 2013	A	10:35	7.73		23.24		6.47
August 6, 2013	B	10:35	—	NA	—	NA	—
August 20, 2013		11:00	7.68		22.20		5.33
August 27, 2013		11:05	7.69		23.75		6.25
September 4, 2013	A	11:24	7.86		23.52		6.59
September 4, 2013	B	11:24	—	NA	—	NA	—
September 9, 2013		10:53	7.66		22.03		5.76
September 25, 2013		10:50	7.77		19.63		6.93

October 1, 2013		10:55	7.81		19.08		8.05
November 21, 2013		11:02	8.16		9.06		9.46
December 3, 2013		11:37	7.72		7.64		8.90
2014							
March 4, 2014		10:33	7.81		0.58		13.17
April 10, 2014	A	10:54	7.67		5.50		15.02
April 10, 2014	B	10:54	—	NA	—	NA	—
May 6, 2014		10:48	8.18		11.63		12.08
May 14, 2014	A	10:41	7.59		12.07		9.24
May 14, 2014	B	10:41	—	NA	—	NA	—
May 21, 2014		11:00	7.50		15.23		10.31
June 3, 2014		10:53	7.56		18.03		9.01
June 12, 2014		11:34	7.40		17.07		8.75
June 24, 2014		10:22	7.54		20.54		7.61
June 30, 2014		10:32	7.62		22.80		6.62
July 7, 2014	A	10:50	7.78		22.57		7.63
July 7, 2014	B	10:50	—	NA	—	NA	—
July 16, 2014		10:56	7.46		22.64		5.45
July 22, 2014	A	10:30	7.76		23.45		7.25
July 22, 2014	B	10:30	—	NA	—	NA	—
July 29, 2014		10:40	7.78		23.02		6.16
August 5, 2014		10:28	7.64		23.58		7.27
August 11, 2014	A	10:44	7.46		21.99		5.15
August 11, 2014	B	10:44	—	NA	—	NA	—
August 19, 2014		10:34	7.53		21.97		6.49
September 4, 2014		11:11	7.37		23.40		6.84
September 10, 2014		11:25	7.64		—	NAPEFAI/EQF	—
September 16, 2014	A	11:18	7.62		21.49		7.30
September 16, 2014	B	11:18	—	NA	—	NA	—
September 23, 2014		10:59	7.54		21.15		6.32
September 29, 2014		10:54	7.38		21.07		6.28
November 25, 2014	A	11:00	7.48		9.70		9.94
November 25, 2014	B	11:00	—	NA	—	NA	—
December 1, 2014		10:44	7.55		8.28		11.21

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	84.5	4.2	1	30
	93.6	3.5	1.5	23
[redacted]				
	97.1	8.1	2	25
	98.7	10.4	3	19
	90.3	14.9	1	49
	96.7	10.6	2	24
	96.6	16.9	2	46
	—	—	2	23
	—	—	2	14
	86.0	—	3	16
	148.4	—	1	23
	93.1	—	3	23
	67.5	—	2	32
	77.3	—	2	20
	60.6	17.83	4	26
	128.7	8.59	—	12
	63.7	23.14	3	28
	66.9	5.21	4	24
	96.7	16.17	3	24
	124.3	3.99	3	4
	82.8	2.26	2	15
	92.2	3.56	3	5
	74.5	17.4	2	22
	85.5	14.47	2	28
[redacted]				
	95.2	8.20	—	15
	—	3.10	6	46
	94.8	10.74	1	63
	107.7	6.93	1	96
	110.9	10.56	1	33
	107.9	5.21	2	24
	91.9	20.81	1.5	26
	91.8	16.84	1	82
	78.3	18.02	2	19
	73.9	14.40	1.5	34
	88.3	18.22	3	12
	91.5	13.22	2.5	30
	77.6	21.01	2	27
	62.4	15.00	2.5	21
	85.5	15.15	2	15
	—	—	—	25
	83.7	13.83	2.5	23
	68.1	18.88	3	33
	82.9	18.13	3	29
	100.3	16.40	4	21

70.3	23.75	3	25
71.6	24.58	4	21
93.0	10.26	1	25
[redacted]			
116.6	11.43	<1	39
110.9	14.73	<1	32
108.8	22.99	<1	52
98.1	21.60	1	27
86.4	20.03	<1	17
98.2	10.59	1	28
102.3	5.55	2	17
96.1	14.54	2	22
72.2	11.19	1	59
110.5	15.68	—	68
66.8	13.90	—	18
92.2	6.27	—	16
107.2	17.63	1	47
68.0	13.88	1	23
73.3	19.62	—	20
77.4	12.21	5	18
73.9	19.56	3	18
68.1	18.38	4	22
75.8	14.69	3	15
91.9	16.69	5	20
94.8	6.36	1	48
89.3	10.33	2	22
[redacted]			
102.5	2.80	1	14
84.3	10.89	1	40
83.7	26.61	2	44
119.8	8.70	1	32
108.5	7.95	1	20
112.0	8.49	1	38
76.7	19.89	2	16
76.9	22.46	3	30
117.0	27.25	3	32
72.8	18.92	3	42
74.9	17.46	3	22
—	—	—	25
80.3	13.15	2	32
—	—	—	34
94.3	11.60	1	38
—	—	—	32
87.4	19.14	3	24
—	—	—	20
[redacted]			
92.8	12.41	2	32
—	—	—	34
92.7	16.65	3	32

	—		—		—		34	
	102.7		1.77		1		40	
	—		—		—		40	
	87.0		11.10		1		48	
	—		—		—		48	
	92.0		8.13		2		33	
	—		—		—		37	
	107.8		11.92		2		22	
	—		—		—		22	
	91.6		17.87		3		17	
	—		—		—		16	
	75.9		13.48		2		20	
	—		—		—		17	
	88.7		15.45		3		21	
	—		—		—		25	
	104.0		10.71		3		16	
	—		—		—		18	
	66.3		15.70		3		22	
	—		—		—		20	
	74.0		20.74		3		43	
	—		—		—		40	
	85.3		10.92		3		10	
	48.7		19.59		2		27	
	65.5		11.87		4		8	
	74.5		11.86		2		38	
	102.1		11.94		1		29	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	17.41		2		55	
NAPEFAI/EQF	—	NAPEFAI/EQF	13.88		2		32	
NAPEFAI/EQF	—	NAPEFAI/EQF	11.52		2		18	
NAPEFAI/EQF	—	NAPEFAI/EQF	12.30		2		30	
	84.7		6.57		2		13	
	72.7		6.19		2		30	
	87.9		9.08		2		18	
	104.0		10.49		2		12	J-QC/FFD/RPO
	64.5		18.42		2		37	
	73.8		8.89		3		9	
	74.3		8.87		4		13	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	19.82		2		58	
NAPEFAI/EQF	—	NAPEFAI/EQF	7.96		3		14	
NAPEFAI/EQF	—	NAPEFAI/EQF	18.41		4		14	
NAPEFAI/EQF	—	NAPEFAI/EQF	15.38		2		32	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.25		2		36	J-QC/FFD/RPO
	107.2		12.63		2		66	J-QC/FFD/RPO
	151.8		3.37		1		23	
	105.4		13.02		2		42	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	24	J-QC/FFD/RPO
	105.4		7.32		2		34	J-QC/FFD/RPO
	97.0		12.19		2		36	

NA	—	NA	—	NA	—	NA	42	
	92.9		14.72		2		34	
NA	—	NA	—	NA	—	NA	28	
	106.5		20.95		2		56	
	129.3		11.46		3		11	
NA	—	NA	—	NA	—	NA	13	
	114.4		13.86		3		14	J-QC/FFD/RPO
NA	—	NA	—	NA	—	NA	30	J-QC/FFD/RPO
	79.5		12.95		2		34	J-QC/FFD/RPO
	79.7		19.76		3		50	
	105.4		15.89		3		40	
	74.5		17.65		5		36	J-QC/FFB/FLDRPO
	57.2		22.62		2		37	
	71.0		16.33		3		43	J-QC/FFD/RPO
	134.2		9.61		3		24	
	73.6		22.74		3		26	
	81.5		13.78		4		18	J-QC/FFD/RPO
	80.2		20.33		4		44	
	87.4		11.82		3		20	
	97.4		10.95		3		32	
	96.7		6.52		2		34	
[redacted]								
	101.1		19.97		2		91	J-QC/FFB/FFDRPO
	109.4		10.56		2		44	
	117.1		0.88		2		56	
	124.1		7.92		1		26	
	96.3		4.20		4		32	J-QC/FFD/RPO
	92.6		8.43		3		28	
	92.4		1.58		3		34	
	115.5		8.75		2		35	
	86.8		8.84		3		62	
	74.9		16.01		3		23	
	90.6		4.56		4		9	J-QC/FFD/RPO
	86.7		9.46		3		14	
	90.1		10.68		3		26	J-QC/FLD/RPO
	57.1		18.53		3		47	J-QC/FLD/RPO
	65.8		16.88		4		30	
	66.7		16.42		4		22	
	97.2		8.50		3		23	
	80.5		3.06		1		48	
	83.1		5.36		3		12	
	64.2		19.68		3		72	
	82.1		13.85		2		43	
	89.1		4.99		2		48	J-QC/FFB
	101.7		9.78		1		62	
[redacted]								
	92.6		21.08		3		40	
	92.9		17.06		3		32	
	94.8		15.28		4		28	
NA	—	NA	—	NA	—	NA	28	

	88.1		20.77		4		46	
	101.4		17.06		2		106	
	87.6		8.37		2		47	J-QC/FLD/RPO
	83.7		11.19		2		54	
NA	—	NA	—	NA	—	NA	50	
	57.4		18.66		5		66	
	51.6		8.72		2		41	J-QC/FFB
	51.3		14.99		4		44	
	46.4		18.09		3		62	
	113.2		12.49		3		29	J-QC/FLD/RPO
	92.7		17.38		4		44	J-QC/FFD/FLDRPO
	62.3		21.98		2		28	J-QC/FLD/RPO
	84.5		15.30		4		36	
	92.4		16.54		3		46	J-QC/FLD/RPO
	60.9		19.12		3		71	
	80.6		21.43		4		66	
	80.8		20.11		5		20	
	77.6		19.10		2		47	
	98.4		14.35		2		56	J-QC/FLD/RPO
	87.5		15.73		1		70	
NA	—	NA	—	NA	—	NA	58	
	90.6		16.61		—	NRP	—	NA
	93.9		14.24		2		39	J-QC/FLD/RPO
	100.6		22.97		1		78	
NA	—	NA	—	NA	—	NA	79	
	102.1		13.79		2		50	J-QC/FFB
	108.5		17.22		1		64	
	95.7		12.60		2		36	
NA	—	NA	—	NA	—	NA	34	
	89.5		12.36		1		22	J-QC/FFD/RPO
	80.4		10.17		3		35	
	82.4		18.97		2		54	
	84.0		8.09		1		54	
	87.9		18.93		4		28	
	87.4		2.07		3		12	
	75.1		14.07		1		69	
	88.7		6.99		3		21	
	84.2		7.54		3		37	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	36	J-QC/FLD/RPO
	68.8		24.77		4		62	J-QC/FLD/RPO
	85.5		10.00		4		36	
	83.8		17.44		3		14	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	17	J-QC/FLD/RPO
	69.4		22.74		3		74	J-QC/FLD/RPO
	80.3		14.17		4.5		30	
	85.4		16.56		6		17	J-QC
NA	—	NA	—	NA	—	NA	18	J-QC
	73.3		17.97		4		44	
	81.2		12.11		4		28	

	95.9		17.56		4		16	
	90.4		15.13		3		48	
	89.0		27.19		2		47	
[redacted]								
	103.4		18.04		2		46	J-QC/FLD/RPO
	122.4		4.11		2		22	
NA	—	NA	—	NA	—	NA	20	
	112.9		2.58		1		26	J-QC/FLD/RPO
	95.1		16.72		1		56	
NA	—	NA	—	NA	—	NA	58	
	106.6		5.97		1		65	
	100.1		8.05		4		34	
	102.5		20.02		1		43	
	92.2		14.86		4		20	J-QC/FFB
	81.4		10.15		2		17	
	93.1		9.32		5		16	
NA	—	NA	—	NA	—	NA	16	
	66.4		13.98		4		36	
	90.4		10.17		3		14	
NA	—	NA	—	NA	—	NA	16	
	77.6		13.73		4		28	
	90.8		10.69		3		36	
	67.8		24.34		4		57	
NA	—	NA	—	NA	—	NA	66	
	81.6		15.92		4		50	J-QC/FLD/RPO
	86.4		13.28		5		40	
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	6		56	
	89.9		15.18		2		26	
NA	—	NA	—	NA	—	NA	33	
	80.7		21.22		5		38	
	77.8		19.21		4		34	
	103.6		26.64		2		50	
NA	—	NA	—	NA	—	NA	48	
	105.9		16.30		1		90	
[redacted]								

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.77	<2	0.29	0.019
0.70	<2	<0.09	0.019
[redacted]			
1.18	<2	<0.09	0.019
0.50	<2	<0.19	0.021
0.45	2	<0.19	0.029
0.36	2	<0.19	0.032
0.35	2	<0.19	0.037
0.37	4	<0.19	0.053
0.26	10	<0.19	0.058
0.85	2	<0.19	0.044
1.00	<2	<0.19	0.123
1.47	<2	<0.19	0.060
2.02	6	<0.19	—
1.62	4	—	—
0.67	4	<0.19	0.072
1.97	5	<0.19	0.029
3.00	6	<0.19	0.045
2.59	4	<0.19	0.060
3.19	5	0.40	0.064
0.81	<2	<0.19	0.031
0.95	<2	<0.19	0.024
0.54	<2	<0.19	0.020
0.87	3	<0.19	0.040
0.84	<2	<0.19	0.045
[redacted]			
1.13	<2	0.20	0.022
0.56	<2	<0.19	0.040
<1.00	3	<0.19	0.030
0.85	6	<0.19	0.052
0.83	<2	—	—
0.64	<2	<0.19	0.046
1.09	5	<0.19	0.050
1.06	<2	<0.27	0.101
1.06	<2	<0.27	0.108
0.66	<2	<0.27	0.072
0.58	<2	<0.27	0.048
0.78	5	<0.27	0.032
0.83	<2	<0.27	0.057
1.17	2	<0.27	0.060
0.84	10	<0.27	0.045
0.75	<2	<0.27	0.037
0.89	<2	<0.27	0.036
0.67	<2	<0.27	0.090
<1.00	—	<0.27	0.178
0.59	<2	<0.27	0.129

0.95	<2	<0.27	0.100
0.79	<2	<0.27	0.120
0.83	<2	<0.27	0.024
[redacted]			
<1.00	6	<0.27	0.024
0.90	6	<0.27	0.029
<1.00	4	<0.27	0.030
1.04	<2	<0.27	0.037
<1.00	<2	<0.295	0.035
2.06	5	<0.295	0.070
0.78	9	<0.295	0.042
0.94	—	<0.295	0.038
0.81	4	<0.295	0.043
0.68	<2	<0.295	0.039
0.58	<2	<0.295	0.045
1.17	4	<0.295	0.016
1.34	—	<0.295	0.022
1.06	—	<0.295	0.034
1.60	—	<0.295	0.053
<1.00	—	<0.295	0.049
<1.00	6	<0.295	0.076
0.62	<2	<0.295	0.096
0.63	—	<0.295	0.157
0.51	<2	<0.295	0.084
0.81	<2	<0.295	0.017
0.63	<2	0.70	0.020
[redacted]			
0.48	—	<0.295	0.021
0.38	<2	<0.295	0.032
0.81	—	<0.295	0.029
0.84	<2	0.319	0.028
0.65	—	<0.039	0.019
0.53	—	0.134	0.022
0.55	<2	0.151	0.186
0.51	<2	0.208	0.197
0.46	<2	0.276	0.098
0.44	<2	0.694	0.118
0.70	<2	0.176	0.183
0.82	<2	0.193	0.183
0.62	<2	0.137	0.103
0.56	<2	0.159	0.088
0.69	<2	0.214	0.030
0.65	<2	0.223	0.031
0.85	<2	0.233	0.034
0.75	2	0.224	0.035
[redacted]			
0.95	<2	0.271	0.022
0.83	<2	0.254	0.021
0.60	<2	0.332	—

0.56		<2		0.323		—
1.37		<2		0.306		0.020
1.33		<2		0.289		0.021
1.29		<2		0.395		0.033
0.94		<2		0.408		0.033
0.52		<2		<0.017		0.036
0.60		<2		<0.017		0.036
0.65		<2		0.027	J-R	0.026
0.65		<2		0.036		0.026
0.54		<2		0.135		0.036
0.35		<2		0.131		0.035
0.54		<2		0.185		0.027
0.49		<2		0.167		0.028
0.69		<2		0.090		0.030
<0.30		<2		—		0.029
0.94		<2		<0.017		0.028
1.32		<2		<0.017		0.029
0.91		<2		0.262		0.036
0.75		<2		0.257		0.036
0.86		<2		0.199		0.058
0.77		<2		0.194		0.058
0.99		<2		0.081		0.090
0.35		<2		0.216		0.113
0.68		<2		0.091		0.150
[redacted]						
0.99	BJ-QC/FBK/FFBFLS	<2	K	0.494	J-QC/FMS	0.028
1.38	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.367		0.024
1.54	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.402		0.040
1.66	BJ-QC/FBK/FFB	<2	K	0.350		0.051
1.01	BJ-QC/FBK/FFBFLS	<2	K	0.130	J-QC/FMS	0.046
1.46	J-QC/FFB/FFDRPOFLS	<2	K	0.172		0.052
0.68	J-QC/FLS	<2	K	0.172		0.034
1.61	BJ-QC/FBK/FFB	<2	K	0.146		0.036
0.86	BJ-QC/FBK/FFB	<2	K	0.071		0.021
0.92	BJ-QC/FBK/FLS	3	J-QC/FFD/RPOFLS	0.112	J-QC/FFD/RPO	0.022
0.98	J-QC/FFD/RPO	6	J-QC/FLS	0.117		0.029
1.00	BJ-QC/FBK/FFB	<2	K	0.025	J-RJ-QC/FFD/RPO	0.019
0.72		<2	KJ-QC/FLS	<0.018	K	0.014
0.46	BJ-QC/FBK/FFBFLS	<2	K	0.071	J-QC/FFD/RPO	0.037
1.21	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.018
1.05	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FLS	0.056		0.026
<1.00	KJ-QC/FLS	3	J-QC/FLS	0.219		0.046
0.93	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.056		0.058
1.53	BJ-QC/FBK/FFBFLS	<2	K	0.193		0.037
[redacted]						
1.07	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.090		0.0206
1.28	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.181		0.0146
1.31	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.166		0.0141
1.62	BJ-QC/FBK/FFB	<2	KJ-HT/EHT	0.186	J-QC/FFD/RPO	0.0504
1.46	BJ-QC/FBK/FFBFLS	<2	K	0.221	J-QC/FMS	0.0310

1.74	BJ-QC/FBK/FFBFLS	<2	K	0.236	J-QC/FMS	0.0310
0.73	BJ-QC/FBK/FFBFLS	<2	K	0.186		0.0568
0.63	BJ-QC/FBK/FFBFLS	<2	K	0.176		0.0547
0.64	BJ-QC/FBK/FFBFLS	<2	K	0.257		0.0555
1.15	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.146	J-QC/FMS	0.0380
1.74	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.131	J-QC/FMS	0.0365
1.03	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.171		0.0610
0.80	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.161		0.0606
1.27	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.121		0.0389
1.15	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.096	J-QC/FFD/RPO	0.0459
0.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.161		0.0436
1.08	BJ-QC/FBK/FFB	<2	K	0.299		0.0234
0.60	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.294		0.0464
1.28	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0175	KJ-QC/FSL	0.0329
1.66	BJ-QC/FBK/FFBFLS	<2	K	0.094		0.0738
0.63	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB/FLS	0.252		0.0403
1.33	BJ-QC/FBK/FFBFLS	<2	K	0.194		0.0628
0.69	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.346		0.0678
1.21	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.073		0.1106
1.81	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.221		0.0208
2.24	BJ-QC/FBK/FFB	<2	K	0.181		0.0183
[redacted]						
0.68	BJ-QC/FBK/FFBFLS	<2	K	0.332		0.0299
1.20	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.398		0.0238
1.79	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.194		0.0238
1.27	BJ-QC/FBK/FFB	<2	K	0.230		0.0177
1.96	BJ-QC/FBK/FFB	<2	K	0.185	J-QC/FMS	0.0153
0.96	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.196	J-QC/FMS	0.0169
1.30	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.109		0.0219
1.28	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.169		0.0255
1.33	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.196		0.0329
0.92	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.305		0.0401
1.37	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.087		0.0203
1.38	BJ-QC/FBK/FFBFLS	<2	K	0.144	J-QC/FFB	0.0240
1.19	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.240		0.0167
1.14	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.517		0.0425
0.73	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.517	J-QC/FFD/RPO	0.0407
1.34	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.408	J-QC/FFB	0.0274
1.20	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.142		0.0249
1.40	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.142	J-QC/FMS	0.0699
1.26	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.165		0.0407
0.52	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.231		0.0445
1.44	BJ-QC/FBK/FFBFLS	<2	K	0.031	J-R	0.0327
2.55	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.139	J-QC/FSL/FMS	0.0356
1.43	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.131	J-QC/FMS	0.0540
[redacted]						
0.82	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.169		0.0333
1.56	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPOFLS	0.149	J-QC/FSL	0.0251
1.93	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.517	J-QC/FSL/FMS	0.0325
1.82	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.505	J-QC/FSL/FMS	0.0320

0.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.329	J-QC/FLD/RPOFMS	0.0637
1.74	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.319	J-QC/FSL/FMS	0.0929
1.92	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.136		0.0507
1.39	BJ-QC/FBK/FFBFLDRPO	<2	K	0.230	J-QC/FSL	0.0443
1.48	BJ-QC/FBK/FFBFLDRPO	<2	K	0.214	J-QC/FSL	0.0454
1.32	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.225	J-QC/FMS	0.0533
1.45	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.099	J-QC/FMS	0.0388
1.02	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.162		0.0339
0.60	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.232	J-QC/FMS	0.0367
0.77	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.100		0.0175
2.52	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.190		0.0242
0.72	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.280		0.0423
1.47	BJ-QC/FBK/FFBFLS	<2	K	0.169		0.0249
1.47	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	<0.0378	K	0.0354
0.45	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.243		0.0580
0.43	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.137		0.1600
0.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.106	J-QC/FSL	0.1527
0.74	BJ-QC/FBK/FFB	<2	K	0.221		0.0547
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.437	J-QC/FFB/FMS	0.0226
—	NA	<2	KJ-QCJ-HT/FLS/EHT	<0.0378	KJ-QC/FMS	0.0299
—	NA	<2	KJ-QCJ-HT/FLS/EHT	<0.0378	KJ-QC/FMS	0.0269
—	NA	—	NA	—	NA	—
—	NA	<2	K	0.296		0.0298
[redacted]						
—	NA	<2	K	0.317	J-QC/LLS/FMS	0.0301
—	NA	<2	K	0.338	J-QC/LLS/FMS	0.0282
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.382	J/LLS	0.0170
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.274	J/LLS	0.0324
—	NA	<2	K	0.245	J-QC/LLS/FMS	0.0260
—	NA	<2	K	0.262	J-QC/LLS/FMS	0.0258
—	NA	<2	KJ-QC/FMS	0.210	J-QC/LLS/FFDRPO	0.0540
1.38	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.136	J-QC/LLS/FMS	0.0636
0.45	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.295	J-QC/LLS/FSL	0.0499
1.23	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.125	J-QC/LLS/FMS	0.0517
1.25	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.233	J/LLS	0.0241
1.35	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	<0.0217	KJ-QC/FFD/RPOFMS	0.0218
1.42	BJ-QC/FBK/FFBFLS	<2	K	0.250	J/LLS	0.0373
1.19	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	KJ-QC/FSL	0.0190
1.50	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0163
1.04	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0161
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0342
1.39	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0223
0.96	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0254
1.02	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0262
0.60	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	0.108	J-R/LLS	0.0263
1.19	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.157	J-R/LLS	0.0184
0.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.235	J/LLS	0.0317
0.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.187	J/LLS	0.0327
0.92	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.211	J/LLS	0.0333
0.96	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.193	J/LLS	0.0930

1.06	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	KJ-QC/FMS	0.0602
1.47	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.430		0.0334
0.56	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.381	J/LLS	0.0309
[redacted]						
1.40	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.191	J/LLS	0.0306
1.59	BJ-QC/FBK/FFBFMS	<2	K	0.222	J/LLS	0.0169
1.58	BJ-QC/FBK/FFBFMS	<2	K	0.205	J/LLS	0.0164
1.42	BJ-QC/FBK/FFB	<2	K	0.131	J-QC/LLS/FFB	0.0268
0.69	BJ-QC/FBK/FFBFMS	<2	K	0.313	J-QC/LLS/FFBFLDRPC	0.0300
1.08	BJ-QC/FBK/FFBFMS	<2	K	0.284	J-QC/LLS/FFBFLDRPC	0.0299
1.49	BJ-QC/FBK/FFB	<2	K	0.256	J-QC/LLS/FFB	0.0312
1.95	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.199	J/LLS	0.0285
0.74	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC	0.170	J-QC/LLS	0.0319
0.90	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.256	J-QC/LLS/FFDRPO	0.0232
2.10	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.033	J-RJ-QC/LLS/FSL	0.0230
1.30	BJ-QC/FBK/FFB	<2	KJ-QC	<0.0267	K	0.0181
1.23	BJ-QC/FBK/FFB	<2	KJ-QC	<0.0267	K	0.0181
1.03	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.279	J-QC/LLS/FFB	0.0274
0.99	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.184	J/LLS	0.0230
1.22	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.217	J/LLS	0.0215
1.36	BJ-QC/FBK/FFBFMS	<2	KJ-HT	<0.0267	KJ-QC/FSL	0.0281
1.76	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	<0.0267	KJ-QC/FMS	0.0215
0.82	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	KJ-QC/FSL	0.0282
0.69	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.056	J-QC/LLS/FSL	0.0284
1.38	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0201
1.27	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0301
0.65	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.056	J/LLS	0.0391
0.89	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.040	J-R/LLS	0.0857
1.10	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.051	J-R/LLS	0.0835
0.81	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0880
1.55	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.1001
0.52	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.131	J/LLS	0.0439
0.53	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.109	J/LLS	0.0432
0.93	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.131	J/LLS	0.0333
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	6.10	0.139	0.15	0.36
	0.61	0.101	0.08	<0.2
	0.47	0.127	0.10	0.48
	0.43	0.159	0.10	1.84
	0.54	0.221	0.16	2.5
	0.62	0.127	0.18	0.89
	0.37	0.141	0.11	1.07
	0.59	0.137	0.17	1.6
	0.78	0.146	0.14	1.5
	0.48	0.167	0.11	6.3
	0.52	0.104	0.13	10.4
	1.38	0.130	0.16	2.3
	—	0.178	0.16	1.05
	—	—	0.15	5.26
	0.82	0.181	0.15	2.45
	0.49	0.109	0.90	12.54
	0.46	0.146	0.16	2.65
	0.50	0.141	0.16	4.86
	0.61	0.134	0.18	2.65
	0.79	0.088	0.11	7.74
	0.64	0.121	0.15	2.45
	0.61	0.089	0.08	2.64
	0.79	0.160	0.16	0.61
	0.67	0.161	0.19	1.02
	0.60	0.096	0.12	2.59
	0.49	0.179	0.39	0.93
	0.42	0.125	0.20	0.51
	0.58	0.403	0.50	0.92
	—	—	0.22	1.12
	0.66	0.095	0.16	2.06
	0.42	0.138	0.16	—
	0.37	0.132	0.23	—
	0.55	0.162	0.17	—
	0.91	0.360	0.48	—
	0.74	0.135	0.09	—
	0.77	0.118	0.13	—
	0.68	0.162	0.18	—
	0.53	0.183	0.19	—
	0.44	0.177	0.16	—
	0.56	0.176	0.17	—
	0.44	0.144	0.14	—
	0.60	0.168	0.17	—
	0.52	0.157	0.13	—
	0.49	0.125	0.11	—

0.69	0.214	0.21	—
0.64	0.212	0.22	—
0.59	0.132	0.25	—
0.54	0.10	0.21	—
0.50	0.130	0.22	—
0.41	0.169	0.32	—
0.28	0.138	0.14	—
0.46	0.092	0.10	—
0.43	0.141	0.20	—
0.52	0.100	0.16	—
0.54	0.130	—	—
0.50	0.209	0.11	—
0.32	0.111	0.16	—
0.38	0.121	0.16	—
0.50	0.115	0.14	—
0.29	0.141	0.15	—
0.39	0.125	0.12	—
0.35	0.127	0.10	—
0.37	0.070	0.09	—
0.60	0.161	0.15	—
1.38	0.143	0.15	—
0.56	0.086	0.13	—
0.49	0.145	0.27	—
0.49	0.197	0.21	—
0.43	0.078	0.12	—
0.683	0.080	0.11	0.6
0.379	0.101	0.16	1.1
0.433	0.264	0.15	1.8
0.558	0.141	0.19	1.4
0.605	0.093	0.08	15.2
0.447	0.083	0.12	21.3
0.864	0.148	0.14	7.5
0.955	—	0.15	1.8
0.573	0.16	0.19	5.3
0.734	0.16	0.15	4.3
0.796	0.14	0.13	15.4
0.830	0.18	0.18	14.3
0.851	0.18	0.30	<3.0
0.881	0.18	0.12	<3.0
0.705	0.13	0.11	3.2
0.762	0.11	0.10	3.2
1.15	0.14	0.10	<3.0
1.14	0.15	0.15	<3.0
0.459	0.10	0.08	<1.1
0.448	0.10	0.08	<1.1
0.410	0.09	0.09	2.1

	0.420		0.09		0.09		2.0
	0.737		0.07		0.16		<1.1
	0.652		0.05		0.13		<1.1
	0.535		0.10		0.09		10.3
	0.543		0.13		0.07		10.0
	0.394		0.41		0.04		8.7
	0.382		0.18		0.03		8.9
	0.435		0.12		0.06		11.5
	0.416		0.12		0.06		11.9
	0.574		0.07		0.09		8.1
	0.581		0.06		0.09		8.2
	0.628		0.14		0.11		3.2
	0.618		0.02		0.09		<2.4
	0.288		0.15		0.10		4.4
	0.300		0.12		0.10		4.4
	0.792		0.09		0.09		5.1
	0.887		0.10		0.08		5.4
	2.43		0.13		0.14		14.5
	2.42		0.13		0.13		13.8
	0.629		0.16		0.17		5.2
	0.545		0.15		0.15		5.4
	0.405		0.11		0.10		3.9
	0.482		0.20		0.17		3.8
	0.962		0.12		0.13		3.8
[redacted]							
J-QC/FFD/RPO	0.569		0.07	J-QC/FFD/RPO	0.09		<2.4
	0.933	J-QC/FLS	0.09	J-QC/FFD/RPO	0.16		<2.4
	0.256		0.16		0.16		<2.4
	0.370		0.14	J-QC/FFB	0.14	J-QC/FFB/FFDRPO	<2.4
J-QC/FFB	0.677		0.12		0.11	J-QC/FFD/RPO	8.6
	0.544	J-QC/FFB	0.09		0.16	J-QC/FFD/RPO	2.3
J-QC/FFB	0.441		0.08		0.07		1.1
	0.381		0.11		0.15		1.2
	0.621	J-QC/FFB	0.09	J-QC/FFD/RPO	0.08		4.7
	0.203		0.05		<0.05	K	18.9
	0.583		0.16	J-QC/FFB	0.11		8.0
	0.341	J-QC/FFB	0.11		0.09		3.3
J-QC/FFB	0.608		0.07	J-QC/FFD/RPO	0.08		4.7
	0.306		0.14	J-QC/FFB	0.16		5.6
	0.396		0.10		0.12		1.4
	0.396		0.12		0.11		3.3
	0.652		0.18	J-QC/FFD/RPO	0.07		—
	0.580		0.13		0.14		2.7
J-QC/FFB	0.608		0.17		0.17		1.0
[redacted]							
J-QC/FFB	0.620		0.11		0.10		0.8
	0.530	J-QC/FFD/RPO	0.12		0.11		3.1
	0.339	J-QC/FFD/RPO	0.13		0.13		3.1
	0.653		0.12	J-QC/FLD/RPO	0.09		<1.3
	0.384		0.10		0.09		1.7

	0.414		0.10		0.10		1.8
J-QC/FFB	1.90		0.11		0.11		—
J-QC/FFB	1.71		0.14		0.12		<1.3
	0.323		0.12		0.12	J-QC/FFD/RPO	10.3
J-QC/FFB	0.313		0.08		0.06	J-QC/FLS	19.8
J-QC/FFB	0.305		0.07		0.06	J-QC/FLS	14.0
	0.510		0.16	J-QC/FFB	0.16		2.6
	0.489		0.16	J-QC/FFB	0.12		2.8
	0.486		0.13	J-QC/FFB	0.10		6.1
J-QC/FFB	0.281		0.17	J-QC/FFB	0.13		<1.3
J-QC/FFB	0.405		0.14		0.12		3.1
	0.216		0.11		0.11		3.1
	0.315		0.17		0.14		2.4
	0.237	J-QC/FFD/RPO	0.14		0.13		4.8
	0.400	J-QC/FFD/RPO	0.12		0.08		20.4
	0.244	J-QC/FFB	0.16		0.14		2.0
	0.341		0.19		0.13		10.2
	0.286		0.19		0.17		9.7
	0.565		0.16		0.15		1.9
	0.516		0.13		0.11		<1.3
	0.414		0.11	J-QC/FFD/RPO	0.11	J-QC/FFD/RPO	<1.3
[redacted]							
	0.4340	J-QC/FFD/RPO	0.09		0.08	J-QC/FFD/RPO	2.1
J-QC/FFB	0.7240	J-QC/FFB	0.18	J-QC/FFB	0.11		3.6
	0.7052		0.28		0.21	J-QC/FLS	1.9
	0.9420	J-QC/FLS	0.11		0.11		1.3
	0.1620		0.09		0.10	J-QC/FFB	2.1
	0.3110		0.08		0.07		1.5
J-QC/FFB/FFDRPO	0.6211		0.08		0.08		1.6
	0.2966		0.11		0.09		1.2
	0.3562	J-QC/FFB	0.09	J-QC/FLS	0.10		4.35
	0.3395	J-QC/FLS	0.11	J-QC/FFD/RPO	0.24		1.2
	0.5286		0.05		0.07		4.1
	0.4090		0.10		0.08		2.8
J-QC/FFB	0.2208	J-QC/FFB	0.07		0.07		8.4
	0.3561		0.14		0.12	J-QC/FLS	7.99
	0.4602	J-QC/FFB	0.16		0.17		4.96
	0.4644		0.15		0.15	J-QC/FFB	2.4
	0.3139		0.09	J-QC/FLS	0.08		11.4
	0.4574		0.16	J-QC/FFB/FLDRPOFLS	0.19	J-QC/FFB	14.7
J-QC/FFB	0.3775		0.10		0.12		0.982
J-QC/FFB	0.3433		0.10		0.10		<0.913
J-QC/FFB	0.4177		0.11	J-QC/FLD/RPOFLS	0.10		1.51
J-QC/FFB	0.6398		0.15		0.11	J-QC/FFB	<0.913
J-QC/FFB	0.6258		0.09		0.24		<0.913
[redacted]							
J-QC/FFB	0.4370	J-QC/FLS	0.09		0.08		1.42
J-QC/FFB	0.5880	J-QC/FFB	0.08		0.07		7.40
J-QC/FFB	0.6228		0.10		0.08		3.10
J-QC/FFB	0.6635		0.10		0.08		6.00

J-QC/FFB	0.3013		0.11		0.10		2.80
J-QC/FFB	0.5966		0.17		0.10		1.06
J-QC/FFB	0.7416		0.10		0.09		2.06
J-QC/FFB	0.5866		0.10		0.08		2.14
J-QC/FFB	0.5710		0.10		0.08		2.04
J-QC/FFB	0.6726		0.13		0.10		2.09
J-QC/FFB	0.4984	J-QC/FLS	0.12		0.10		5.89
	0.5583		0.13		0.12	J-QC/FFB	7.52
	0.6933	J-QC/FLS	0.14		0.13		2.98
	0.4236		0.15		0.16		17.3
	1.0762		0.12	J-QC/FFD/RPO	0.11	J-QC/FFB	33.2
	0.4789	J-QC/FLS	0.16		0.17		4.45
	0.8204	J-QC/FLS	0.13		0.13		2.86
	0.5081	J-QC/FFD/RPO	0.13		0.11		11.0
	0.6006	J-QCJ-HT/FFB/EHT	0.16		0.16		2.30
	0.5339		0.19		0.17		1.77
	0.5574		0.16	J-QC/FLS	0.15	J-QC/FFB	5.04
	0.8814	J-HT/EHT	0.19		0.14		0.651
J-QC/FFB	0.5937		0.15	J-QC/FFD/RPO	0.15	J-QC/FFD/RPO	0.89
J-QC/FFB	0.6531		0.27		0.26	J-QC/FLS	1.00
J-QC/FFB	0.6431		0.25		0.24	J-QC/FLS	1.05
NA	—	NA	—	NA	—	NA	—
J-QC/FFB	0.9029		0.13		0.12		0.905
[redacted]							
J-QC/FFB	0.3727	[redacted]	0.10	J-QC	0.09	J-QC	2.00
J-QC/FFB	0.3864		0.11	J-QC	0.09	J-QC	1.95
J-QC/FFB	0.5006	J-QC/FLS	0.09	[redacted]	0.08	J-QC	1.20
[redacted]	0.4500	J-QC/FFB/FLS	0.19	J-QC	0.18	J-QC	3.23
J-QC/FFB	0.4379	[redacted]	0.13	J-QC/FFD/RPO	0.07	[redacted]	3.28
J-QC/FFB	0.4736		0.07	J-QC/FFD/RPO	0.07		3.26
J-HT/EHT	0.8053	J-QC/FFB	0.11	[redacted]	0.10	J-QC	2.31
J-QC/FFB	1.0616	J-QC/FFB	0.11		0.11	[redacted]	0.374
J-QC/FFB	2.1590	[redacted]	0.11	J-QC/FLD/RPO	0.10		1.07
J-QC/FFB	0.6139		0.13	[redacted]	0.14	J-QCJ-HT/FFB/EHT	0.910
[redacted]	0.5354	J-HT/EHT	0.07	J-QC/FMS	0.08	[redacted]	2.20
J-QC/FFB	0.4206	[redacted]	0.06	J-QC/FLD/RPO	0.08		3.43
J-QC/FFB	0.5440		0.21	J-QC/FLD/RPO	0.11	J-QC/FLD/RPO	0.550
[redacted]	0.8626		0.14	J-QC/FFB	0.12	[redacted]	6.91
	0.5281		0.09	J-QC/FMS	0.08		5.21
	0.5927		0.09	J-QC/FMS	0.08		5.31
J-QC/FFB	0.5686		0.11	[redacted]	0.11		2.70
J-QCJ-HT/FFB/EHT	0.7621		0.18	J-QC/FLD/RPOFMS	0.12		4.89
[redacted]	0.2768		0.11	J-QC/FFB	0.11		3.71
	0.3014	[redacted]	0.13	J-QC/FFB	0.10		4.85
	0.4773	J-HT/EHT	0.15	[redacted]	0.14		4.80
J-QC/FFB	0.7464	[redacted]	0.14	J-QC	0.14	J-QC	10.4
J-QC/FFB	0.3080	J-QC/FLS	0.12	[redacted]	0.12	[redacted]	29.6
J-QC/FFB	0.3350	J-QC/FLS	0.10		0.11		36.2
J-QC/FFB	0.2570	[redacted]	0.14		0.15		1.70
J-QC/FFB	0.6445	J-QCJ-HT/FLS/EHT	0.12		0.13	J-QC/FFB	5.69

J-QC/FFB	0.4888	[redacted]	0.11	J-QC/FLD/RPOFMS	0.11	J-QC/FFB	1.60
J-QC/FFB	0.7298		0.18	J-QC	0.18	J-QC	2.08
[redacted]	0.4335		0.16	[redacted]	0.13	J-QC/FFD/RPO	2.14
[redacted]							
	0.4046	J-HT	0.15		0.13		1.29
J-QC/FFB	0.7211		0.09	J-QC/FFB	0.09	J-QC/FFB	3.42
J-QC/FFB	0.7251		0.11	J-QC/FFB	0.10	J-QC/FFB	3.37
J-QC/FFB	0.4566		0.13	J-QC/FFB	0.11		1.82
J-QC/FFB	0.3328		0.19		0.17		5.98
J-QC/FFB	0.3604		0.11		0.11		6.29
	0.4735	J-QCJ-HT/FLS	0.07		0.07		4.79
J-QC/FFB	0.4739	J-QC/FFD/RPOFLS	0.07		0.08		1.82
	0.2693		0.10		0.08	J-QC/FFB	11.6
	0.4470		0.08		0.09		2.87
J-QC/FFB	0.5144	J-QC	0.09		0.08		2.99
J-HT	0.4474		0.08		0.07		4.81
J-HT	0.4699		0.07		0.06		3.38
J-QC/FFB	0.5842	J-HT	0.12		0.10		1.48
J-QC/FFB	0.5713	J-HT	0.10		0.09		5.61
J-QC/FFB	0.5764	J-HT	0.12		0.09		7.03
J-HT	0.4534		0.11		0.10		1.80
J-QC/FFB	0.5412	J-QC/FLS	0.10		0.08		2.04
	0.3887		0.12		0.12		9.94
	0.4086		0.10		0.11		19.5
J-QC/FFB	0.5527	J-HT	0.23	J-QC/FFB	0.12		21.2
J-QC/FFB	0.4348		0.12		0.10		13.6
J-QC/FFB	0.3731		0.15	J-QC	0.14	J-QC	40.2
	1.0936		0.14	J-QC/FFB	0.11		8.09
	1.0691		0.12	J-QC/FFB	0.11		7.76
J-QC/FFB	0.3480	J-HT	0.15	J-QC/FFB	0.12		8.79
J-QC/FFB	0.4836		0.16		0.14		9.01
J-QC/FFB	0.4419		0.21	J-QC	0.17	J-QC	1.40
J-QC/FFB	0.5658		0.20	J-QC	0.16	J-QC	1.58
	0.6072	J-QC/FSL	0.17	J-QC	0.15	J-QC	3.00
[redacted]							

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	1.4	0.00	0.01
	4.7	0.00	0.11
[redacted]			
	2.1	0.00	0.35
	1.5	0.03	0.03
	18.0	0.00	0.00
	5.0	0.00	0.00
	2.0	0.00	0.24
	4.3	0.00	0.27
	4.1	0.00	0.00
	3.1	0.31	0.31
	0.9	0.00	0.00
	4.0	0.00	0.18
	6.3	0.00	0.00
	—	0.85	0.85
	1.8	0.02	0.02
	4.6	0.00	0.00
	2.6	0.00	0.45
	2.4	0.00	0.00
	4.9	0.10	0.10
	9.4	0.03	0.03
	6.2	0.00	0.00
	2.0	0.00	0.00
	6.2	0.00	0.00
	4.2	0.00	0.00
[redacted]			
	0.8	0.00	0.01
	0.9	0.00	0.00
	<0.5	0.00	0.00
	1.0	0.09	0.24
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.12
	0.8	0.00	0.00
	—	0.00	0.40
	1.6	0.00	0.46
	1.6	0.83	0.83
	1.9	0.00	0.00
	3.0	0.00	0.00
	3.0	0.00	0.07
	1.4	0.00	0.00
	2.0	0.00	0.01
	2.2	0.08	0.66
	5.3	0.00	0.00
	1.9	0.00	0.05
	1.2	0.00	0.00

1.8	0.00	0.00	[redacted]
1.5	0.00	0.00	
1.1	0.00	0.03	
[redacted]			
5.3	0.00	0.00	
5.6	0.00	0.00	
3.3	0.00	0.00	
2.5	0.00	0.00	
3.6	0.00	0.00	
3.3	0.00	0.01	
27.8	0.00	0.00	
—	0.00	0.00	
1.4	0.00	0.00	
3.7	0.00	0.00	
5.9	0.00	0.00	
7.0	0.00	0.00	
5.2	0.00	0.00	
5.5	0.00	0.00	
6.1	0.00	0.04	
0.7	0.00	0.27	
1.1	0.35	0.35	
3.6	0.00	0.00	
2.9	0.00	0.00	
2.4	0.02	0.03	
2.1	0.00	0.00	
2.1	0.00	0.00	
[redacted]			
5.1	0.00	0.00	
1.3	0.00	0.00	
0.6	0.02	0.14	
1.8	0.00	0.00	
0.9	0.01	0.18	
1.1	0.32	0.74	
1.3	0.00	0.00	
<0.5	0.00	0.00	
5.5	0.00	0.00	
4.5	0.00	0.00	
4.3	0.00	0.00	
4.4	0.00	0.00	
4.4	0.00	0.00	
4.2	0.00	0.00	
4.9	0.00	0.01	
4.6	0.00	0.01	
3.0	0.00	0.01	
5.0	0.00	0.01	
[redacted]			
2.3	0.01	0.02	
2.3	0.01	0.02	
2.3	0.02	0.10	

J-R

J-R	3.1		0.02	0.10
	3.4		0.00	0.00
	5.6		0.00	0.00
	3.7		0.00	0.00
	3.0		0.00	0.00
	4.7		0.00	0.00
	6.2		0.00	0.00
	3.7		0.00	0.00
	3.8		0.00	0.00
	3.7		0.09	0.09
	3.5		0.09	0.09
J-R	3.8		0.00	0.14
	3.6		0.00	0.14
J-R	4.1		0.00	0.00
J-R	3.9		0.00	0.00
	3.1		0.26	0.26
	3.1		0.26	0.26
	—		0.00	0.00
	—		0.00	0.00
	2.7		0.00	0.00
	2.9		0.00	0.00
J-R	4.3		0.00	0.00
J-R	3.1		0.00	0.00
J-R	2.9		0.00	0.00
[redacted]				
KJ-HT/EHT	3.6		0.00	0.05
K	4.2	J-QC/FFD/RPO	0.00	0.00
K	4.9		0.00	0.00
K	3.7	J-QC/FFD/RPO	0.63	0.97
	4.7	J-QC/FFB/FFDRPO	0.00	0.00
	5.1		0.25	0.25
J-R	4.9		0.00	0.01
J-R	3.7		0.00	0.43
	4.8		0.00	0.00
	4.8		0.00	0.00
	4.2	J-QC/FFB	0.00	1.44
	4.7		0.00	0.00
	5.3	J-QC/FFB	0.00	0.41
	3.8		0.00	0.00
J-R	4.8	J-QC/FFB	0.00	0.00
	4.0	J-QC/FFB	0.00	0.00
NAPQNS	3.9	J-QC/FFB	0.00	0.00
	3.9	BJ-QC/FBK/FFB	0.00	0.00
J-R	17.1	J-QC/OUT/FFB	0.00	0.00
[redacted]				
J-RJ-QC/FFD/RPO	4.90	J-QC/FFB/FFDRPO	1.22	1.22
	3.70		0.00	0.00
	3.70		0.00	0.00
KJ-QC/FFD/RPO	4.08		0.00	0.03
J-R	3.52		0.00	0.00

J-R	3.34		0.00	0.00
NAPQNS	3.50	J-QC/FFB	0.00	0.00
K	3.60	J-QC/FFB	0.00	0.00
	3.65	J-QC/FFB/FLDRPO	0.25	0.25
J-QC/FFD/RPO	4.00	J-QC/FFB	0.00	0.02
J-QC/FFD/RPO	3.82	J-QC/FFB	0.00	0.02
	3.58	J-QC/FFB	0.43	0.43
	3.40	J-QC/FFB	0.43	0.43
	3.40	J-QC/FFB	0.00	0.00
K	2.90	J-QC/FFB/FFDRPO	1.69	2.78
J-QC/FFD/RPO	3.20		0.00	0.00
	1.80	J-QC/FFD/RPO	0.00	0.01
J-RJ-QC/FFD/RPO	3.70	BJ-QC/FBK/FFB	0.07	0.07
	3.80	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.90	BJ-QC/FBK/FFB	0.00	0.00
J-R	4.80	J-QC/FFB	0.00	0.00
	3.30	J-QC/FFB	0.68	0.68
	3.40		0.00	0.09
J-R	2.70		0.01	0.28
K	4.70		0.00	0.15
K	4.40		0.00	0.00
[redacted]				
J-R	4.1		0.00	0.00
	4.2	J-QC/FFB	0.00	0.10
J-R	4.1		0.00	0.17
J-R	2.5		0.00	0.64
	4.1	BJ-QC/FBK/FFB	0.00	0.57
J-R	15.4	BJ-QC/FBK/FFBFFDFLDRPOFSLOUT	0.00	0.00
J-R	2.9	J-QC/FFB	0.00	0.03
J-R	2.8		0.00	0.00
	2.9		0.00	0.00
J-R	2.5	J-QC/FFD/RPO	0.00	0.49
	3.0	J-QC/FFB	0.00	0.00
	3.4	J-QC/FFB	0.00	0.00
	3.7	J-QC/FFB	0.00	0.39
J-QC/FFD/RPO	3.7	J-QC/FFB	0.00	0.28
	3.8	J-QC/FFB	0.00	1.32
	3.5	J-QC/FFB	0.22	0.23
	3.5	J-QC/FFB	0.00	0.00
	6.4	J-QC/FFB/FFDRPO	1.36	5.34
J-RJ-QC/FFD/RPO	4.3	J-QC/FFB	0.04	0.04
K	3.5	J-QC/FFB	0.00	0.00
J-R	3.2	J-QC/FFB	0.00	0.00
K	4.2		0.00	0.00
K	3.6		0.00	0.00
[redacted]				
	2.6		0.00	0.00
	3.1	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.2	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	3.5	BJ-QC/FBK/FFB	0.00	0.00

J-QC/FFD/RPO	1.4	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	2.0	J-QC/FFB	0.00	0.00
	1.9	BJ-QC/FBK/FFB	0.03	0.03
J-QC/FSL	2.2	J-QC/FFB	0.02	0.18
J-QC/FSL	1.8	J-QC/FFB	0.02	0.18
	1.8	J-QC/FFB	0.02	1.38
J-QC/FSL	2.6	J-QC/FFB	0.00	0.06
	2.1	B/FBK	0.00	0.00
	1.9	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	3.2	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	3.5		0.00	0.00
	3.7		0.23	0.23
	2.1	J-QC/FFD/RPO	0.00	0.05
J-QC/FFD/RPO	3.2	J-QC/FFB/FFDRPO	0.00	0.00
	1.9	J-QC/FFB	0.00	0.00
	1.7	J-QC/FFB	0.00	0.12
	1.6		0.00	0.00
	4.0	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.3		0.00	0.00
	3.6		0.00	0.00
	3.3		0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	3.7	J-QC/FFB	0.14	0.14
[redacted]				
[redacted]	3.44	BJ-QC/FBK/FFB	0.00	0.00
J/LLS	2.92	BJ-QC/FBK/FFB	0.00	0.00
J-QC/LLS/FFDRPO	3.88	J-QC/FFB/FFDRPO	0.00	0.02
J-QC/FFB/FFDRPO	3.73	J-QC/FFB	0.68	0.68
[redacted]	2.9	J-QC/FFD/RPO	0.00	0.00
	5.6	J-QC/FFD/RPO	0.00	0.00
J-QC/FFD/RPO	2.5	J-QC/FFD/RPO	0.00	0.00
I-RJ-QC/LLS/FFDRPC	3.2	J-QC/FLD/RPO	0.00	0.00
J/LLS	2.2	J-QC/FFB	0.53	0.53
-QC/LLS/FFBFFDRP(	3.8	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	4.6		0.18	0.18
J-QC/FFD/RPO	4.5	J-QC	0.00	0.14
J/LLS	3.6	J-QC	0.01	0.12
J-QC/FFB/FFDRPO	6.7		0.00	0.00
[redacted]	5.2	J-QC/FFB/FLDRPO	0.00	0.00
	5.3	J-QC/FFB/FLDRPO	0.00	0.00
J-QC/FFB/FFDRPO	3.3	J-QC/FFB/FLDRPO	0.57	0.76
[redacted]	4.6	J-QC/FFB	0.00	0.00
J-QC/FFB	3.8	J-QC/FFB	0.00	0.00
J-QC/FFB	3.9	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	2.9		0.00	0.00
[redacted]	3.4	J-QC	0.01	0.04
	2.7		0.00	0.05
	2.5		0.00	0.05
J-QC/LLS/FFB	2.0	J-QC/FFD/RPO	0.00	0.00
J-QC/FFB	4.7		0.00	0.00

J-QC/LLS/FFB	3.04	BJ-QC/FBK/FFBFLDRPOFMS	0.00	0.00
[redacted]	4.09	J-QC	0.00	0.00
	3.32		0.00	0.00
[redacted]				
J-QC/LLS	2.3	J-QC/FMS	0.00	0.01
	3.9		0.00	0.07
	3.6		0.00	0.07
J/LLS	3.6		0.00	0.00
	3.0	BJ-QC/FBK/FFDRPO	0.00	0.00
	2.2	BJ-QC/FBK/FFDRPO	0.00	0.00
	4.8	B/FBK	0.00	0.00
J-QC/LLS/FFDRPO	5.3		0.99	0.99
	3.4	J-QC/FMS	0.04	0.03
J-QC/FFD/RPO	3.2		0.00	0.00
J-QC/FFD/RPO	2.6		0.00	0.00
J-QC/FFD/RPO	2.7		0.00	0.00
J-QC/FFD/RPO	2.3		0.00	0.00
J/LLS	1.7		0.00	0.73
	1.5	J-QC/FLD/RPO	0.00	0.00
	1.2	J-QC/FLD/RPO	0.00	0.00
J/LLS	2.4		0.00	0.28
J/LLS	2.9	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	1.7		0.00	0.00
J-QC/FFD/RPO	1.2		0.00	0.00
	2.6		0.00	0.00
	2.7		0.00	0.00
	2.0		0.00	0.03
	2.5		0.73	0.73
	2.3		0.73	0.73
	3.0	J-QC/FLD/RPO	0.00	0.00
	3.2	J-QC/FFD/RPO	0.00	0.00
J/LLS	3.8		0.00	0.47
J/LLS	3.6		0.00	0.47
J-QC/FFD/RPO	2.5	J-QC/FMS	0.10	0.10
[redacted]				

Station #32 Lower Hudson River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 2, 2003	10:20	6.74	7.7	9.97
December 16, 2003	10:35	6.40	4.7	10.67
2004				
January 6, 2004	10:20	5.60	6.4	9.96
March 2, 2004	10:55	7.86	3.9	11.36
April 7, 2004	11:05	7.40	6.2	9.91
April 20, 2004	11:15	7.63	9.4	9.59
May 4, 2004	11:05	7.36	11.6	9.22
June 2, 2004	11:05	7.35	—	—
June 8, 2004	11:05	—	—	3.80
June 22, 2004	10:55	7.55	19.6	7.18
June 28, 2004	11:19	7.66	—	9.95
July 6, 2004	11:50	7.38	21.4	8.66
July 20, 2004	12:00	7.49	22.6	5.36
July 27, 2004	11:15	6.97	26.2	6.33
August 3, 2004	12:17	7.26	24.17	4.08
August 10, 2004	11:20	7.52	22.80	5.57
August 17, 2004	11:37	7.04	22.42	4.19
August 24, 2004	11:57	—	24.61	5.27
August 31, 2004	11:45	7.47	23.60	6.93
September 7, 2004	11:11	7.64	23.18	5.85
September 21, 2004	11:15	7.37	21.59	6.36
October 7, 2004	11:35	7.50	19.83	5.30
October 26, 2004	11:13	—	14.4	6.98
November 18, 2004	11:53	7.61	10.64	7.81
2005				
March 22, 2005	10:30	—	4.50	11.58
April 12, 2005	10:30	7.01	7.80	—
April 26, 2005	11:15	7.66	10.96	9.47
May 2, 2005	11:28	7.58	11.23	10.30
May 10, 2005	11:13	7.67	10.76	10.70
May 17, 2005	11:13	7.73	15.51	10.09
May 23, 2005	11:55	7.62	13.51	8.02
June 1, 2005	11:11	7.47	15.35	6.74
June 7, 2005	11:00	7.34	16.85	6.27
June 30, 2005	11:05	7.30	23.09	5.55
July 5, 2005	11:26	7.43	21.54	5.59
July 12, 2005	10:58	7.45	23.88	6.39
July 20, 2005	12:21	7.30	24.08	4.52
July 26, 2005	11:48	7.20	25.15	4.09
August 1, 2005	12:58	7.27	24.17	4.37
August 10, 2005	—	—	—	—
August 15, 2005	11:18	7.58	26.51	5.80
August 24, 2005	10:58	—	24.97	4.75
August 29, 2005	11:52	—	24.21	4.64
September 13, 2005	10:58	7.46	23.20	6.74

September 21, 2005	11:55	7.38	23.62	5.15
October 5, 2005	12:09	7.42	20.50	5.77
October 19, 2005	11:38	8.44	17.67	8.19
2006				
February 2, 2006	10:31	7.69	4.71	13.32
February 15, 2006	10:38	7.47	4.00	12.69
March 1, 2006	10:10	7.91	3.48	12.07
March 29, 2006	10:54	8.02	6.44	10.09
April 10, 2006	11:42	7.92	8.43	10.94
April 26, 2006	11:30	7.44	11.53	8.71
May 4, 2006	11:35	7.50	12.62	8.76
May 10, 2006	11:30	7.76	14.02	8.69
June 21, 2006	10:43	7.28	18.89	5.37
July 10, 2006	11:41	7.37	18.74	7.64
July 26, 2006	10:04	7.12	23.53	4.23
August 2, 2006	09:59	7.58	27.48	6.60
August 7, 2006	10:24	7.78	23.20	7.46
August 17, 2006	10:26	7.22	24.65	5.26
August 21, 2006	11:11	7.25	23.63	4.64
August 31, 2006	11:07	7.42	22.99	6.18
September 5, 2006	11:28	7.30	21.56	4.96
September 20, 2006	10:30	7.39	21.32	5.21
September 27, 2006	10:38	7.33	20.58	5.30
October 19, 2006	10:30	7.40	16.90	6.50
November 1, 2006	10:30	7.59	13.45	8.06
November 29, 2006	10:18	7.67	10.85	8.03
2007				
January 11, 2007	12:14	7.51	8.68	8.87
January 24, 2007	10:39	7.74	4.06	10.18
February 21, 2007	12:20	8.31	1.44	10.16
March 21, 2007	11:07	8.07	2.65	12.89
April 3, 2007	10:33	7.63	5.57	11.84
May 2, 2007	10:45	7.39	9.53	11.30
Boat engine failure - 5/18/07				
September 6, 2007	10:20	7.39	22.80	4.90
September 13, 2007	10:34	7.24	23.19	5.94
September 26, 2007	10:30	7.53	21.04	8.34
October 4, 2007	11:51	7.33	21.31	5.11
October 17, 2007	10:04	7.25	19.28	5.12
October 31, 2007	10:10	7.20	16.77	6.28
November 28, 2007	10:38	—	9.67	9.50
December 12, 2007	10:38	—	7.11	8.97
2008				
January 10, 2008	10:45	—	5.11	9.85
February 5, 2008	10:27	7.75	4.77	9.82
March 12, 2008	10:45	7.87	3.56	12.73
May 7, 2008	10:25	7.55	13.31	8.30
May 14, 2008	10:04	7.65	13.58	8.46
June 12, 2008	11:21	7.67	22.07	8.43
June 18, 2008	10:35	7.55	19.60	6.59

June 25, 2008		10:45	7.42	21.13	5.55
July 16, 2008		10:12	7.43	22.30	5.31
August 14, 2008		10:44	7.70	22.24	5.84
August 20, 2008		10:12	7.42	23.36	5.08
September 3, 2008		10:36	7.38	23.14	5.69
September 11, 2008		10:23	7.27	23.09	5.51
September 17, 2008		10:21	7.28	21.79	3.88
October 8, 2008		10:24	—	18.26	4.71
2009					
February 4, 2009		11:04	7.41	1.56	8.97
March 5, 2009		11:23	7.39	2.39	12.13
April 27, 2009		10:47	7.14	10.60	—
May 6, 2009		10:55	7.32	11.78	—
May 21, 2009		10:39	7.53	15.22	—
June 2, 2009		10:19	7.24	17.36	—
June 17, 2009		11:06	7.39	19.50	6.08
June 25, 2009		10:16	7.38	20.41	5.84
July 9, 2009		10:31	7.47	21.32	6.08
July 16, 2009		10:55	—	NAPEFAI/EQF 20.56	5.13
July 22, 2009		11:16	—	NAPEFAI/EQF 20.87	5.06
August 5, 2009		10:17	—	NAPEFAI/EQF 23.15	4.37
August 11, 2009		10:30	—	NAPEFAI/EQF 24.30	5.60
August 20, 2009		10:15	—	NAPEFAI/EQF 24.23	—
August 26, 2009		10:26	—	NAPEFAI/EQF 25.19	—
September 3, 2009		10:16	—	NAPEFAI/EQF 22.45	—
September 23, 2009		10:57	—	NAPEFAI/EQF 21.00	—
October 14, 2009		10:57	—	NAPEFAI/EQF 16.28	—
December 7, 2009		10:38	7.69	10.10	9.90
2010					
March 22, 2010		10:44	7.53	6.76	18.11
April 14, 2010		10:13	7.61	8.91	11.23
May 5, 2010		10:48	7.50	13.75	10.07
May 11, 2010		10:50	7.61	12.25	9.59
May 17, 2010		10:27	7.47	13.36	9.32
May 27, 2010		10:32	7.48	16.01	9.42
June 7, 2010		10:38	7.65	19.85	9.09
June 22, 2010		10:45	7.48	20.73	8.37
June 30, 2010		10:10	7.45	22.21	5.69
July 14, 2010		11:07	7.42	23.61	6.36
July 21, 2010		10:26	7.48	25.75	5.35
August 5, 2010		10:08	7.55	22.82	4.71
August 12, 2010		10:20	7.36	24.05	3.98
August 18, 2010		10:10	7.34	24.32	3.79
September 1, 2010		10:27	7.48	23.55	5.03
September 9, 2010		10:32	7.67	22.59	5.75
September 16, 2010		10:31	7.46	20.03	5.92
September 23, 2010		09:40	7.45	20.44	6.87
October 5, 2010		11:02	7.44	19.51	7.57
November 18, 2010		10:24	7.60	11.22	9.36
December 9, 2010		10:50	7.44	5.96	11.26

2011						
January 4, 2011	11:20	7.66		3.43		10.78
February 9, 2011	10:53	7.73		1.53		12.38
March 8, 2011	10:30	7.38		3.07		15.92
April 14, 2011	10:52	7.25		7.31		13.44
May 5, 2011	10:50	6.65		11.42		9.75
May 12, 2011	10:42	—	NAPEFAI/EQF	11.89		9.05
May 24, 2011	10:40	7.38		15.51		8.02
June 1, 2011	10:32	7.54		17.32		9.09
June 8, 2011	10:40	7.40		17.88		7.05
June 15, 2011	10:30	7.29		19.02		6.46
June 27, 2011	10:30	7.42		21.45		5.78
July 11, 2011	10:37	7.50		23.50		5.24
July 26, 2011	10:28	7.46		21.37		4.49
August 2, 2011	10:25	7.33		24.54		4.05
August 10, 2011	11:00	7.30		25.20		4.43
August 16, 2011	10:30	7.26		24.41		4.60
August 23, 2011	10:30	7.39		22.78		4.44
September 7, 2011	10:50	7.53		21.99		6.72
September 20, 2011	10:20	7.42		19.33		5.50
September 27, 2011	10:27	7.38		20.38		5.11
October 24, 2011	10:46	7.52		15.94		6.15
November 1, 2011	10:40	7.79		12.60		9.01
December 19, 2011	10:58	7.79		7.33		11.23
2012						
January 10, 2012	10:15	7.65		7.79		9.37
February 7, 2012	10:50	7.69		6.07		10.65
March 6, 2012	10:50	7.73		6.18		10.07
April 17, 2012	11:00	7.71		11.77		8.09
May 7, 2012	10:07	7.45		13.23		7.89
May 14, 2012	10:23	7.50		14.96		7.81
May 30, 2012	10:56	7.51		19.18		6.43
June 5, 2012	10:30	7.32		19.33		4.99
June 11, 2012	10:23	—	NAPEFAI/EQF	20.66		3.82
June 19, 2012	10:21	—	NAPEFAI/EQF	20.83		3.83
July 2, 2012	10:19	—	NAPEFAI/EQF	22.21		3.59
July 10, 2012	10:28	7.87		25.49		7.08
July 17, 2012	10:30	7.58		22.80		5.04
August 1, 2012	10:17	7.41		23.88		4.49
August 7, 2012	10:28	7.27		25.85		5.90
August 14, 2012	10:22	7.46		24.01		4.23
August 21, 2012	10:24	7.20		24.15		4.64
August 29, 2012	10:30	7.32		24.45		5.76
September 13, 2012	10:24	7.47		22.63		4.41
October 17, 2012	08:59	7.40		16.94		6.67
November 19, 2012	08:52	7.60		9.74		9.96
November 20, 2012	09:40	7.62		9.57		8.97
November 21, 2012	09:36	—	NRP	—	NRP	—
December 6, 2012	09:25	7.65		7.94		10.02
2013						

January 9, 2013	09:25	7.81	6.22		10.29
February 5, 2013	09:05	7.47	2.82		12.18
March 11, 2013	09:00	7.66	3.87		12.54
April 4, 2013	09:19	7.78	5.82		10.74
May 6, 2013	10:44	7.61	12.72		8.60
May 14, 2013	10:18	7.57	14.70		7.25
May 22, 2013	10:15	7.55	13.84		7.29
May 30, 2013	10:16	7.58	16.58		7.49
June 5, 2013	10:10	7.49	16.47		6.88
June 18, 2013	10:22	7.60	20.00		6.19
June 25, 2013	10:25	7.54	20.30		6.14
July 9, 2013	10:57	7.62	19.45		5.68
July 16, 2013	10:37	7.74	25.63		6.48
July 23, 2013	10:45	7.62	24.00		4.85
July 31, 2013	10:28	7.65	24.82		6.68
August 6, 2013	10:30	7.66	22.71		5.90
August 20, 2013	10:55	7.70	21.76		5.35
August 27, 2013	11:00	7.81	23.42		5.82
September 4, 2013	11:20	7.74	23.12		6.22
September 9, 2013	10:50	7.52	21.67		5.41
September 25, 2013	10:45	7.58	19.20		6.52
October 1, 2013	10:51	7.56	18.33		6.59
November 21, 2013	10:57	8.04	9.55		8.65
December 3, 2013	11:35	7.66	7.64		8.60
2014					
March 4, 2014	10:28	7.48	0.96		12.62
April 10, 2014	10:50	7.39	4.94		14.09
May 6, 2014	10:42	7.83	10.20		11.33
May 14, 2014	10:39	7.64	11.27		9.28
May 21, 2014	10:56	7.44	14.34		9.88
June 3, 2014	10:51	7.46	15.21		8.11
June 12, 2014	11:30	7.39	16.87		8.40
June 24, 2014	10:18	7.51	19.68		7.02
June 30, 2014	10:29	7.52	21.08		5.80
July 7, 2014	10:47	7.66	21.99		6.84
July 16, 2014	10:53	7.43	22.37		5.45
July 22, 2014	10:28	7.53	20.26		5.17
July 29, 2014	10:36	7.70	22.59		5.75
August 5, 2014	10:24	7.60	22.94		6.63
August 11, 2014	10:40	7.46	21.61		5.28
August 19, 2014	10:30	7.48	21.70		5.60
September 4, 2014	11:07	7.38	23.16		6.41
September 10, 2014	11:20	7.62	—	NAPEFAI/EQF	—
September 16, 2014	11:15	7.51	21.63		6.65
September 23, 2014	10:55	7.50	20.94		6.64
September 29, 2014	10:50	7.37	20.75		6.28
November 25, 2014	10:58	7.41	9.69		9.99
December 1, 2014	10:42	7.58	8.36		10.94

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	86.1	4.2	—	64
	88.6	9.1	—	57
[redacted]				
	91.2	16	—	74
	92.8	26	—	68
	89.7	17.2	—	247
	94.3	18.7	—	136
	93.9	22.5	—	46
	—	—	—	22
	—	—	—	36
	78.4	—	—	28
	112.5	—	—	46
	98.2	—	—	26
	61.7	—	—	41
	74.2	—	—	50
	54.5	20.21	—	196
	73.6	17.46	—	26
	55.0	20.17	—	42
	65.8	6.02	—	13
	92.2	21.17	—	32
	77.0	19.91	—	10
	74.8	6.35	—	31
	65.7	20.56	—	12
	76.9	20.1	—	26
	81.2	22.64	—	126
[redacted]				
	96.8	11.30	—	14
	—	9.20	—	56
	93.0	12.53	—	37
	101.9	12.46	—	134
	108.2	18.32	—	124
	105.5	6.68	—	66
	89.5	24.20	—	46
	78.7	24.98	—	112
	73.9	22.11	—	33
	70.9	15.71	—	134
	72.8	21.36	—	38
	83.3	17.04	—	16
	62.8	27.18	—	24
	55.4	19.23	—	241
	59.2	22.78	—	16
	—	—	—	89
	78.8	14.90	—	46
	64.4	19.97	—	26
	64.0	26.18	—	64
	92.1	23.71	—	24

70.0	26.78	—	26
74.5	25.87	—	22
93.6	14.57	—	55
[redacted]			
115.9	17.07	—	494
110.8	20.24	—	133
106.7	23.71	—	67
97.4	26.21	—	26
99.2	9.39	—	26
90.5	19.75	—	40
93.7	20.78	—	131
93.5	16.38	—	40
65.9	21.57	—	455
92.7	19.81	—	122
57.1	24.05	—	37
87.0	7.69	—	103
97.7	20.01	—	36
68.7	14.53	—	42
63.0	24.39	—	34
77.4	12.29	—	24
64.8	24.38	—	58
66.7	21.52	—	28
67.1	21.42	—	59
79.8	28.52	—	22
86.9	19.08	—	92
83.6	19.01	—	63
[redacted]			
90.2	26.33	—	81
83.9	11.51	—	44
88.3	28.68	—	156
105.1	15.13	—	82
107.4	19.70	—	83
109.7	9.77	—	58
65.6	25.54	—	59
79.7	23.32	—	39
111.6	29.51	—	36
65.6	21.88	—	41
64.9	26.32	—	30
72.6	19.71	—	60
92.1	14.77	—	282
85.7	21.59	—	44
[redacted]			
90.3	22.26	—	50
90.3	25.31	—	69
99.5	4.54	—	192
86.1	13.50	—	137
88.5	13.55	—	78
104.2	13.13	—	66
82.8	24.27	—	26

	70.6		21.47	—		35	
	70.1		23.84	—		24	
	76.5		20.76	—		21	
	65.6		17.44	—		94	
	76.6		23.68	—		49	
	72.8		22.10	—		15	
	49.7		21.92	—		24	
	55.3		17.13	—		48	
	72.1		16.96	—		116	
	100.7		18.83	—		38	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	17.86	—		72	
NAPEFAI/EQF	—	NAPEFAI/EQF	23.46	—		36	
NAPEFAI/EQF	—	NAPEFAI/EQF	12.67	—		42	
NAPEFAI/EQF	—	NAPEFAI/EQF	15.27	—		150	
	71.0		12.73	—		54	
	68.9		9.42	—		134	
	75.0		15.31	—		190	
	64.9		22.26	—		44	J-QC/FFD/RPO
	64.0		20.51	—		30	
	57.1		19.11	—		16	
	71.1		11.20	—		23	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	22.32	—		68	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.28	—		33	
NAPEFAI/EQF	—	NAPEFAI/EQF	24.49	—		26	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.64	—		258	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.53	—		24	J-QC/FFD/RPO
	101.5		22.98	—		205	J-QC/FFD/RPO
	152.1		4.63	—	NA	48	
	107.4		16.20	—	NA	94	J-QC/FFD/RPO
	104.8		14.68	—	NA	79	J-QC/FFD/RPO
	99.9		19.41	—	NA	—	NAPQNS
	96.1		17.20	—	NA	44	
	108.4		21.59	—	NA	96	
	111.8		17.31	—	NA	38	
	106.6		22.70	—	NA	44	J-QC/FFD/RPO
	74.7		23.19	—	NA	50	J-QC/FFD/RPO
	82.8		20.20	—	NA	101	
	71.5		20.08	—	NA	54	
	63.0		24.27	—	NA	40	J-QC/FFB/FLDRPO
	54.1		24.70	—	NA	492	
	51.6		23.27	—	NA	52	J-QC/FFD/RPO
	67.4		22.46	—	NA	36	
	74.8		23.55	—	NA	84	
	73.9		25.14	—	NA	14	J-QC/FFD/RPO
	85.7		21.60	—	NA	70	
	90.1		14.57	—	NA	0	
	96.5		21.09	—	NA	54	
	96.9		11.24	—	NA	38	

	95.5		24.73		—	NA	66	J-QC/FFB/FFDRPO
	103.1		22.97		—	NA	60	
	119.2		5.39		—	NA	64	
	124.2		16.85		—	NA	111	
	93.5		7.27		—	NA	29	J-QC/FFD/RPO
	94.2		19.87		—	NA	84	
	79.8		11.33		—	NA	38	
	105.5		19.28		—	NA	85	
	81.4		17.21		—	NA	97	
	76.1		18.20		—	NA	32	
	71.5		17.64		—	NA	30	J-QC/FFD/RPO
	67.5		17.43		—	NA	46	
	58.2		25.63		—	NA	70	J-QC/FLD/RPO
	54.5		20.31		—	NA	112	J-QC/FLD/RPO
	59.7		20.43		—	NA	57	
	61.7		18.40		—	NA	188	
	58.7		24.19		—	NA	68	
	78.1		3.59		—	NA	112	
	66.8		11.30		—	NA	30	
	64.1		21.96		—	NA	59	
	70.4		20.24		—	NA	61	
	87.9		5.50		—	NA	80	J-QC/FFB
	100.6		12.14		—	NA	97	
	90.9		24.09		—	NA	38	
	96.9		20.73		—	NA	42	
	95.5		25.76		—	NA	73	
	87.1		25.74		—	NA	57	
	87.2		21.51		—	NA	104	
	84.2		18.91		—	NA	246	J-QC/FLD/RPOOUT
	77.6		16.70		—	NA	76	
	60.6		20.28		—	NA	169	
	46.2		14.16		—	NA	95	J-QC/FFB
	47.3		21.02		—	NA	62	
	46.1		19.91		—	NA	72	
	94.1		14.86		—	NA	36	J-QC/FLD/RPO
	67.5		24.96		—	NA	56	J-QC/FFD/FLDRPO
	61.4		24.42		—	NA	107	J-QC/FLD/RPO
	80.8		18.87		—	NA	66	
	59.0		27.98		—	NA	57	J-QC/FLD/RPO
	58.1		20.63		—	NA	282	J/OUT
	78.8		24.17		—	NA	41	
	59.2		25.89		—	NA	22	
	78.5		22.12		—	NA	81	
	97.1		15.90		—	NA	91	J-QC/FLD/RPO
	87.3		16.75		—	NA	90	
NRP	—	NRP	—	NRP	—	NA	—	NA
	93.0		14.92		—	NA	74	J-QC/FLD/RPO

	100.1		28.04		—	NA	81		
	104.5		19.55		—	NA	114	J-QC/FFB	
	109.5		19.84		—	NA	64		
	96.4		17.42		—	NA	150		
	88.1		17.86		—	NA	256	J-QC/FFD/RPO	
	77.8		12.22		—	NA	75		
	81.2		24.32		—	NA	74		
	81.7		9.96		—	NA	94		
	79.5		6.61		—	NA	68		
	76.0		14.18		—	NA	42		
	75.2		18.94		—	NA	82		
	71.6		25.74		—	NA	134		
	83.5		8.58		—	NA	90	J-QC/FLD/RPO	
	67.7		28.34		—	NA	202	J-QC/FLD/RPO	
	85.4		10.50		—	NA	101		
	76.8		21.20		—	NA	22	J-QC/FLD/RPO	
	70.8		27.08		—	NA	19	J-QC/FLD/RPO	
	75.1		16.23		—	NA	58		
	80.1		21.36		—	NA	19	J-QC	
	68.9		20.24		—	NA	46		
	77.3		15.45		—	NA	45		
	79.4		27.00		—	NA	24		
	87.4		21.16		—	NA	24		
	87.4		29.70		—	NA	61		
[redacted]									
	105.1		23.63		—	NA	86	J-QC/FLD/RPO	
	120.2		13.00		—	NA	70		
	109.4		10.49		—	NA	60	J-QC/FLD/RPO	
	96.2		20.14		—	NA	62		
	102.8		11.17		—	NA	110		
	92.3		21.67		—	NA	66		
	98.1		20.64		—	NA	42		
	85.5		20.40		—	NA	30	J-QC/FFB	
	71.3		17.39		—	NA	26		
	85.4		9.90		—	NA	30		
	68.7		15.20		—	NA	82		
	65.5		23.21		—	NA	16		
	73.2		16.51		—	NA	44		
	84.5		12.60		—	NA	52		
	70.0		26.71		—	NA	64		
	70.6		21.91		—	NA	94	J-QC/FLD/RPO	
	81.5		14.66		—	NA	88		
NAPEFAI/EQF	—	NAPEFAI/EQF	—	NAPEFAI/EQF	—	NA	76		
	80.7		16.37		—	NA	44		
	85.2		23.64		—	NA	42		
	80.2		23.91		—	NA	38		
	104.3		27.05		—	NA	60		
	105.6		19.29		—	NA	230		
[redacted]									

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.45	<2	<0.09	0.036
0.87	11	0.11	0.022
[redacted]			
0.87	<2	<0.09	0.019
0.48	3	<0.19	0.024
0.60	6	<0.19	0.034
0.55	2	<0.19	0.038
0.15	2	<0.19	0.030
0.40	3	<0.19	0.050
0.30	2	<0.19	0.044
0.70	2	<0.19	0.046
0.65	<2	<0.19	0.090
1.73	<2	<0.19	0.058
2.57	3	<0.19	—
4.98	—	—	—
0.66	7	<0.19	0.070
1.39	3	<0.19	0.046
3.23	6	<0.19	0.040
2.22	<2	<0.19	0.037
1.56	<2	0.23	0.057
1.06	3	<0.19	0.041
0.99	3	<0.19	0.051
0.69	<2	<0.19	0.031
0.92	2	<0.19	0.044
1.25	<2	<0.19	0.061
[redacted]			
1.20	5	<0.19	0.022
0.68	<2	<0.19	0.034
<1.00	<2	—	0.035
0.88	<2	<0.19	0.048
0.73	<2	—	—
0.70	2	<0.19	0.034
0.95	3	<0.19	0.226
1.25	4	<0.27	0.108
1.03	<2	<0.27	0.090
1.12	<2	<0.27	0.071
0.48	7	<0.27	0.047
1.07	<2	<0.27	0.054
0.92	7	<0.27	0.061
1.98	4	<0.27	0.072
1.13	<2	<0.27	0.062
1.14	<2	<0.27	0.044
1.02	<2	<0.27	0.050
0.68	<2	<0.27	0.077
<1.00	—	<0.27	0.113
0.71	7	<0.27	0.096

1.02	<2	<0.27	0.088
0.89	3	<0.27	0.100
0.93	<2	<0.27	0.033
[redacted]			
1.98	11	<0.27	0.053
1.33	5	<0.27	0.035
1.13	3	<0.27	0.028
<1.00	3	<0.27	0.028
<1.00	2	<0.295	0.037
1.49	5	<0.295	0.069
1.11	9	<0.295	0.055
0.98	—	<0.295	0.039
2.40	7	<0.295	0.059
0.68	<2	<0.295	0.035
0.74	<2	<0.295	0.053
1.66	6	<0.295	0.031
1.09	—	<0.295	0.021
1.46	—	<0.295	0.053
0.69	—	<0.295	0.056
<1.00	—	<0.295	0.056
<1.00	—	<0.295	0.073
1.00	—	<0.295	0.084
0.90	—	<0.295	0.086
0.67	<2	<0.295	0.073
1.10	—	<0.295	0.026
0.87	—	0.58	0.032
[redacted]			
0.55	—	<0.295	0.034
0.69	<2	<0.295	0.032
1.67	<2	<0.295	0.026
1.39	<2	0.291	0.032
1.02	—	0.241	0.019
0.85	—	<0.039	0.024
<0.30	<2	0.047	0.105
0.46	<2	0.286	0.152
0.42	<2	0.323	0.086
0.41	<2	0.351	0.107
0.96	<2	0.261	0.158
0.61	<2	0.308	0.109
<0.30	<2	0.356	0.049
<0.30	<2	0.108	0.041
[redacted]			
0.33	<2	0.345	0.028
0.41	<2	0.271	—
0.55	<2	0.310	0.022
0.73	<2	0.298	0.034
0.50	<2	<0.017	0.043
1.01	<2	0.131	0.038
<0.30	<2	0.244	0.034

<0.30		<2		0.311		0.045
<0.30		<2		0.226		0.036
0.35		<2		0.077		0.029
0.89		<2		0.293		0.038
<0.30		<2		0.280		0.056
0.34		<2		0.266		0.062
0.31		<2		0.216		0.105
<0.30		<2		0.417		0.091
[redacted]						
0.45	BJ-QC/FBK/FFBFLS	<2	K	0.621	J-QC/FMS	0.035
0.71	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.018	K	0.026
1.27	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.018	K	0.042
0.46	BJ-QC/FBK/FFB	<2	K	0.381		0.046
0.88	BJ-QC/FBK/FFBFLS	<2	K	0.235	J-QC/FMS	0.050
2.07	J-QC/FFB/FFDRPOFLS	<2	K	0.287		0.069
0.90	J-QC/FLS	<2	K	0.365		0.060
1.13	BJ-QC/FBK/FFB	<2	K	0.204		0.057
0.31	BJ-QC/FBK/FFB	<2	K	0.142		0.030
<0.30	KBJ-QC/FBK/FLS	3	J-QC/FFD/RPOFLS	0.259	J-QC/FFD/RPO	0.032
<0.30	KJ-QC/FFD/RPO	6	J-QC/FLS	0.092		0.028
0.34	BJ-QC/FBK/FFB	<2	K	<0.018	KJ-QC/FFD/RPO	0.028
0.73		<2	KJ-QC/FLS	<0.018	K	0.022
0.83	BJ-QC/FBK/FFBFLS	<2	K	0.066	J-QC/FFD/RPO	0.037
0.44	BJ-QC/FBK/FFB	<2	K	0.107		0.044
0.34	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FLS	0.142		0.032
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	0.346		0.056
<0.30	KBJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.168		0.056
1.79	BJ-QC/FBK/FFBFLS	<2	K	0.239		0.056
[redacted]						
0.49	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.170		0.0238
0.58	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.241		0.0243
0.56	BJ-QC/FBK/FFB	<2	KJ-HT/ÆHT	<0.0175	KJ-QC/FFD/RPO	0.0393
—	NAPQNS	—	NAPQNS	—	NAPQNS	—
0.61	BJ-QC/FBK/FFBFLS	<2	K	0.327		0.0557
0.61	BJ-QC/FBK/FFBFLS	<2	K	0.262		0.0396
0.56	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.136	J-QC/FMS	0.0479
0.67	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.272		0.0584
0.50	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.226		0.0544
0.88	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.106	J-QC/FFD/RPO	0.0436
0.48	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.372		0.0493
0.60	BJ-QC/FBK/FFBFLS	<2	K	0.314		0.0278
0.61	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.042		0.0421
0.63	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.508	J-QC/FSL	0.0501
0.51	BJ-QC/FBK/FFBFLS	<2	K	0.236		0.0658
0.48	BJ-QC/FBK/FFBFFDRPOFLS	3	J-QC/FFB/FLS	0.178		0.0346
0.56	BJ-QC/FBK/FFBFLS	<2	K	0.309		0.0401
0.73	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	<0.0175	K	0.0583
0.53	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.204		0.1058
0.70	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	<0.0175	K	0.0250
2.25	BJ-QC/FBK/FFB	<2	K	<0.0175	K	0.0187

0.61	BJ-QC/FBK/FFBFLS	<2	K	0.241		0.0310
1.30	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.466		0.0297
1.58	BJ-QC/FBK/FFBFLS	3	J-QC/FLS	<0.0293	K	0.0209
0.67	BJ-QC/FBK/FFBFLS	<2	K	0.293		0.0254
0.94	BJ-QC/FBK/FFB	<2	K	0.283	J-QC/FMS	0.0150
0.31	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.229	J-QC/FMS	0.0217
1.47	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.180		0.0272
1.13	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.223		0.0253
1.37	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.207		0.0402
0.75	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.348		0.0411
0.61	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.060		0.0166
0.63	BJ-QC/FBK/FFBFLS	<2	K	0.176	J-QC/FFB	0.0298
0.48	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	<0.0293	K	0.0235
0.42	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.457		0.0436
0.67	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.495	J-QC/FFD/RPO	0.0430
0.67	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.512	J-QC/FFB	0.0359
0.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.0293	K	0.0451
1.56	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.240	J-QC/FMS	0.0648
0.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.247		0.0385
0.45	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.381		0.0426
0.97	BJ-QC/FBK/FFBFLS	<2	K	0.031	J-R	0.0343
2.88	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.072	J-QC/FSL/FMS	0.0328
1.07	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.202	J-QC/FMS	0.0627
0.76	BJ-QCJ-HT/FBK/FFBFLSEHT	3		0.277		0.0333
0.54	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FFD/RPOFLS	0.364	J-QC/FSL	0.0253
0.84	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.344	J-QC/FSL/FMS	0.0269
0.57	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.293	J-QC/FLD/RPOFMS	0.0468
1.21	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.366	J-QC/FSL/FMS	0.0915
0.75	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.220		0.0711
1.53	BJ-QC/FBK/FFBFLDRPO	<2	K	0.225	J-QC/FSL	0.0476
0.54	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.204	J-QC/FMS	0.0415
1.46	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.256	J-QC/FMS	0.0668
0.44	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.188		0.0365
0.58	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.280	J-QC/FMS	0.0364
0.63	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.227		0.0287
2.30	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.195		0.0252
0.70	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.296		0.0470
0.74	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.317		0.0456
0.52	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.079		0.0368
0.39	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.322		0.0517
0.50	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.269		0.0891
0.38	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.206	J-QC/FSL	0.1215
0.51	BJ-QC/FBK/FFB	<2	K	0.221		0.0644
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.695	J-QC/FFB/FMS	0.0313
—	NA	<2	KJ-QCJ-HT/FLS/EHT	<0.0378	KJ-QC/FMS	0.0329
—	NA	—	NA	—	NA	—
—	NA	<2	K	0.338		0.0389

—	NA	<2	K	0.312	J-QC/LLS/FMS	0.0262
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.382	J/LLS	0.0213
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.496		0.0373
—	NA	<2	K	0.280	J-QC/LLS/FMS	0.0301
—	NA	<2	KJ-QC/FMS	0.295	J-QC/LLS/FFDRPO	0.0545
1.38	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.199	J-QC/LLS/FMS	0.0744
0.58	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.318	J-QC/LLS/FSL	0.0438
1.44	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.187	J-QC/LLS/FMS	0.0668
0.47	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.755		0.0282
1.44	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.108	I-QC/LLS/FFDRPOFMS	0.0268
1.08	BJ-QC/FBK/FFB	<2	K	0.261	J/LLS	0.0361
0.69	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	KJ-QC/FSL	0.0273
1.43	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0269
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0345
1.50	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0275
1.02	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0277
0.55	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	<0.0911	K	0.0303
0.64	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.175	J-R/LLS	0.0279
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.163	J-R/LLS	0.0385
0.78	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.169	J-R/LLS	0.0351
1.13	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.259	J/LLS	0.0851
0.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.301	J-QC/LLS/FMS	0.0497
1.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.435		0.0358
0.61	BJ-QC/FBK/FFBFFDRPO	<2	K	0.381	J/LLS	0.0368
[redacted]						
0.63	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.242	J/LLS	0.0315
0.58	BJ-QC/FBK/FFBFMS	<2	K	0.170	J/LLS	0.0165
1.51	BJ-QC/FBK/FFB	<2	K	0.091	J-QC/LLS/FFB	0.0254
0.60	BJ-QC/FBK/FFBFMS	<2	K	0.182	J-QC/LLS/FFBFLDRPC	0.0256
1.52	BJ-QC/FBK/FFBFMS	<2	K	0.295	J-QC/LLS/FFB	0.0414
1.84	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.233	J/LLS	0.0394
0.90	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC	0.210	J-QC/LLS	0.0317
0.64	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.229	J-QC/LLS/FFDRPO	0.0276
1.30	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FSL	0.0275
1.29	BJ-QC/FBK/FFB	<2	KJ-QC	<0.0267	K	0.0227
0.75	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.273	J-QC/LLS/FFB	0.0303
1.31	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.117	J/LLS	0.0216
0.54	BJ-QC/FBK/FFBFMS	<2	KJ-HT	<0.0267	KJ-QC/FSL	0.0254
1.73	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	<0.0267	KJ-QC/FMS	0.0184
0.71	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	KJ-QC/FSL	0.0304
0.59	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0311
0.49	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.078	J/LLS	0.0332
0.69	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0464
0.63	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0771
0.75	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0682
0.93	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.0746
0.51	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.086	J/LLS	0.0438
0.66	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.137	J/LLS	0.0421
[redacted]						

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.58	0.293	0.14	—
	0.48	0.461	0.07	—
	0.33	0.151	0.14	—
	0.22	0.150	0.16	—
	0.58	0.355	0.42	—
	0.68	0.398	0.48	—
	0.30	0.118	0.07	—
	0.50	0.124	0.14	—
	0.74	0.185	0.18	—
	0.61	0.139	0.15	—
	0.43	0.140	0.14	—
	2.23	0.152	0.15	—
	—	—	0.19	—
	—	—	—	—
	0.49	0.467	0.15	—
	0.49	0.140	0.23	—
	0.56	0.148	0.17	—
	0.66	0.119	0.14	—
	0.96	0.146	0.17	—
	0.67	0.125	0.13	—
	0.58	0.168	0.21	—
	0.61	0.113	0.10	—
	0.76	0.192	0.16	—
	0.22	0.431	0.38	—
	0.58	0.116	0.13	—
	0.42	0.174	0.32	—
	0.35	0.112	0.24	—
	0.71	0.569	0.85	—
	—	—	0.47	—
	0.81	0.149	0.30	—
	0.38	0.155	0.17	—
	0.36	0.130	0.35	—
	0.47	0.181	0.18	—
	0.76	0.376	0.31	—
	0.48	0.166	0.12	—
	0.65	0.129	0.19	—
	0.60	0.164	0.19	—
	0.59	0.500	0.40	—
	0.57	0.181	0.18	—
	0.53	0.265	0.26	—
	0.46	0.200	0.20	—
	0.57	0.185	0.19	—
	0.50	0.251	0.15	—
	0.50	0.143	0.14	—

0.67	0.321	0.35	—
0.61	0.177	0.19	—
0.55	0.217	0.52	—
0.752	0.251	1.75	—
0.43	0.251	0.75	—
0.37	0.175	0.26	—
0.16	0.144	0.12	—
0.764	0.089	0.10	—
0.434	0.142	0.22	—
0.420	0.224	0.62	—
0.653	0.134	—	—
0.495	0.833	0.14	—
0.255	0.108	0.17	—
0.317	0.153	0.18	—
0.478	0.249	0.24	—
0.515	0.117	0.12	—
0.370	0.183	0.16	—
0.262	0.132	0.10	—
0.429	0.163	0.13	—
0.772	0.234	—	—
1.15	0.143	—	—
0.403	0.195	—	—
0.472	0.172	0.14	—
0.645	0.097	0.32	—
0.507	0.109	0.14	—
0.276	0.138	0.17	—
0.462	0.142	0.18	—
0.445	0.136	0.33	—
0.431	0.225	0.16	—
0.315	0.177	0.06	—
0.265	0.065	0.08	—
0.718	0.219	0.17	—
0.810	—	0.15	—
0.609	0.16	0.16	—
0.630	0.17	0.18	—
0.730	0.33	0.16	—
0.896	0.22	0.58	—
0.883	0.17	0.12	—
0.585	0.14	0.12	—
0.410	0.12	0.09	—
0.278	0.17	0.11	—
0.570	0.09	0.20	—
0.611	0.22	0.13	—
0.691	0.30	0.05	—
0.374	0.28	0.09	—
0.728	0.07	0.09	—

	0.503		0.10		0.10		—
	0.302		0.14		0.11		—
	0.828		0.90		0.14		—
	2.25		0.65		0.21		—
	0.530		0.14		0.15		—
	0.275		0.13		0.13		—
	0.466		0.16		0.16		—
	1.15		0.13		0.14		—
J-QC/FFD/RPO	0.504		0.07	J-QC/FFD/RPO	0.09		—
	0.408	J-QC/FLS	0.10	J-QC/FFD/RPO	0.09		—
	0.233		0.15		0.15		—
	0.577		0.12	J-QC/FFB	0.16	J-QC/FFB/FFDRPO	—
J-QC/FFB	0.699		0.16		0.16	J-QC/FFD/RPO	—
	1.33	J-QC/FFB	0.11		0.10	J-QC/FFD/RPO	—
J-QC/FFB	0.855		0.13		0.10		—
	0.343		0.16		0.18		—
	0.538	J-QC/FFB	0.07	J-QC/FFD/RPO	0.09		—
	0.180		0.16		0.11		—
	0.473		0.15	J-QC/FFB	0.11		—
	0.285	J-QC/FFB	0.13		0.10		—
J-QC/FFB	0.458		0.12	J-QC/FFD/RPO	0.10		—
	0.316		0.14	J-QC/FFB	0.15		—
	0.461		0.14		0.17		—
	0.531		0.13		0.11		—
	0.609		0.38	J-QC/FFD/RPO	0.10		—
	0.456		0.14		0.13		—
J-QC/FFB	0.523		0.29		0.20		—
J-QC/FFB	0.438		0.13		0.15		—
	0.318	J-QC/FFD/RPO	0.25		0.21		—
	0.451		0.12	J-QC/FLD/RPO	0.10		—
NAPQNS	—	NAPQNS	—	NAPQNS	—	NAPQNS	—
J-QC/FFB	1.54		0.12		0.12		—
	0.346		0.14		0.12	J-QC/FFD/RPO	—
J-QC/FFB	0.312		0.12		0.11	J-QC/FLS	—
	0.340		0.18	J-QC/FFB	0.13		—
	0.417		0.14	J-QC/FFB	0.11		—
J-QC/FFB	0.284		0.17	J-QC/FFB	0.15		—
J-QC/FFB	0.324		0.15		0.14		—
	0.249		0.12		0.11		—
	0.593		0.20		0.19		—
	0.275	J-QC/FFD/RPO	0.17		0.15		—
	0.718	J-QC/FFD/RPO	0.16		0.14		—
	0.279	J-QC/FFB	0.15		0.13		—
	0.291		0.18		0.12		—
	0.345		0.16		0.14		—
	0.454		0.17		0.14		—
	0.333		0.13		0.10		—
	0.442		0.11	J-QC/FFD/RPO	<0.05	KJ-QC/FFD/RPO	—

	0.4220	J-QC/FFD/RPO	0.09		0.07	J-QC/FFD/RPO	—
J-QC/FFB	0.6000	J-QC/FFB	0.16	J-QC/FFB	0.10		—
	0.7410		0.30		0.23	J-QC/FLS	—
	1.0331	J-QC/FLS	0.15		0.11		—
	0.1237		0.08		0.08	J-QC/FFB	—
	0.2809		0.08		0.07		—
J-QC/FFB/FFDRPO	0.6197		0.08		0.08		—
	0.2696		0.13		0.14		—
	0.2750	J-QC/FFB	0.10	J-QC/FLS	0.10		—
	0.2684	J-QC/FLS	0.12	J-QC/FFD/RPO	0.10		—
	0.3163		0.07		0.08		—
	0.2897		0.11		0.09		—
J-QC/FFB	0.2977	J-QC/FFB	0.11		0.11		—
	0.3275		0.15		0.14	J-QC/FLS	—
	0.5267	J-QC/FFB	0.17		0.16		—
	0.4147		0.20		0.16	J-QC/FFB	—
	0.2704		0.12	J-QC/FLS	0.11		—
	0.5230		0.16	J-QC/FFB/FLDRPOFLS	0.19	J-QC/FFB	—
J-QC/FFB	0.2582		0.10		0.10		—
J-QC/FFB	0.3471		0.10		0.11		—
J-QC/FFB	0.3662		0.13	J-QC/FLD/RPOFLS	0.11		—
J-QC/FFB	0.6036		0.12		0.11	J-QC/FFB	—
J-QC/FFB	0.6344		0.10		0.13		—
J-QC/FFB	0.4262	J-QC/FLS	0.09		0.08		—
J-QC/FFB	0.4301	J-QC/FFB	0.08		0.07		—
J-QC/FFB	0.5808		0.09		0.07		—
J-QC/FFB	0.3894		0.10		0.08		—
J-QC/FFB	0.5670		0.13		0.10		—
J-QC/FFB	0.6054		0.12		0.12		—
J-QC/FFB	0.5699		0.12		0.10		—
J-QC/FFB	0.6853		0.15		0.12		—
J-QC/FFB	0.4390	J-QC/FLS	0.14		0.12		—
	0.4234		0.13		0.12	J-QC/FFB	—
	0.6928	J-QC/FLS	0.12		0.11		—
	0.4385		0.14		0.14		—
	1.3785		0.14	J-QC/FFD/RPO	0.11	J-QC/FFB	—
	0.4009	J-QC/FLS	0.17		0.19		—
	0.5910	J-QC/FLS	0.15		0.15		—
	1.0350	J-QC/FFD/RPO	0.15		0.12		—
	0.5036	J-QCJ-HT/FFB/EHT	0.19		0.18		—
	0.3835		0.16		0.15		—
	0.4018		0.17	J-QC/FLS	0.15	J-QC/FFB	—
	0.8123	J-HT/EHT	0.24		0.17		—
J-QC/FFB	0.5953		0.20	J-QC/FFD/RPO	0.18	J-QC/FFD/RPO	—
J-QC/FFB	0.6731		0.35		0.32	J-QC/FLS	—
NA	—	NA	—	NA	—	NA	—
J-QC/FFB	1.0296		0.16		0.15		—

J-QC/FFB	0.2661	[redacted]	0.09	J-QC	0.08	J-QC	—
J-QC/FFB	0.2652	J-QC/FLS	0.10	[redacted]	0.09	J-QC	—
[redacted]	0.4897	J-QC/FFB/FLS	0.14	J-QC	0.12	J-QC	—
J-QC/FFB	0.8501	[redacted]	0.12	J-QC/FFD/RPO	0.11	[redacted]	—
J-HT/EHT	0.7084	J-QC/FFB	0.15	[redacted]	0.11	J-QC	—
J-QC/FFB	1.0492	J-QC/FFB	0.13	[redacted]	0.12	[redacted]	—
J-QC/FFB	2.5724	[redacted]	0.11	J-QC/FLD/RPO	0.09	[redacted]	—
J-QC/FFB	0.5758	[redacted]	0.16	[redacted]	0.19	J-QCJ-HT/FFB/EHT	—
[redacted]	0.2499	J-HT/EHT	0.09	J-QC/FMS	0.09	[redacted]	—
J-QC/FFB	0.4072	[redacted]	0.08	J-QC/FLD/RPO	0.10	[redacted]	—
J-QC/FFB	0.5320	[redacted]	0.23	J-QC/FLD/RPO	0.13	J-QC/FLD/RPO	—
[redacted]	0.6539	[redacted]	0.23	J-QC/FFB	0.12	[redacted]	—
[redacted]	0.5101	[redacted]	0.11	J-QC/FMS	0.10	[redacted]	—
J-QC/FFB	0.5148	[redacted]	0.12	[redacted]	0.12	[redacted]	—
J-QCJ-HT/FFB/EHT	0.6150	[redacted]	0.14	J-QC/FLD/RPOFMS	0.21	[redacted]	—
[redacted]	0.3273	[redacted]	0.11	J-QC/FFB	0.11	[redacted]	—
[redacted]	0.3749	J-HT/EHT	0.13	[redacted]	0.16	[redacted]	—
J-QC/FFB	0.7207	[redacted]	0.14	J-QC	0.14	J-QC	—
J-QC/FFB	0.2845	J-QC/FLS	0.12	[redacted]	0.12	[redacted]	—
J-QC/FFB	0.1980	[redacted]	0.16	[redacted]	0.13	[redacted]	—
J-QC/FFB	0.5432	J-QCJ-HT/FLS/EHT	0.13	[redacted]	0.15	J-QC/FFB	—
J-QC/FFB	0.3447	[redacted]	0.12	J-QC/FLD/RPOFMS	0.11	J-QC/FFB	—
J-QC/FFB	0.7371	[redacted]	0.14	J-QC	0.13	J-QC	—
[redacted]	0.4010	[redacted]	0.13	[redacted]	0.10	J-QC/FFD/RPO	—
[redacted]							
	0.3194	J-HT/EHT	0.16		0.15		—
J-QC/FFB	0.4013		0.09	J-QC/FFB	0.08	J-QC/FFB	—
J-QC/FFB	0.1793		0.15	J-QC/FFB	0.08		—
J-QC/FFB	0.2590		0.17		0.14		—
	0.4284	J-QCJ-HT/FLS	0.12		0.12		—
J-QC/FFB	0.4355	J-QC/FFD/RPOFLS	0.09		0.09		—
	0.2405		0.10		0.08	J-QC/FFB	—
	0.2234		0.07		0.08		—
J-QC/FFB	0.5003	J-QC	0.10		0.09		—
J-HT	0.3357		0.09		0.07		—
J-QC/FFB	0.6530	J-HT	0.12		0.10		—
J-QC/FFB	0.5551	J-HT	0.11		0.09		—
J-HT	0.3868		0.11		0.10		—
J-QC/FFB	0.5460	J-QC/FLS	0.10		0.09		—
	0.3214		0.11		0.11		—
J-QC/FFB	0.3875	J-HT	0.31	J-QC/FFB	0.14		—
J-QC/FFB	0.3624		0.15		0.13		—
J-QC/FFB	0.2975		0.15	J-QC	0.13	J-QC	—
	1.0936		0.15	J-QC/FFB	0.13		—
J-QC/FFB	0.2820	J-HT	0.15	J-QC/FFB	0.12		—
J-QC/FFB	0.4475		0.18		0.14		—
J-QC/FFB	0.3922		0.23	J-QC	0.18	J-QC	—
	0.7174	J-QC/FSL	0.19	J-QC	0.16	J-QC	—
[redacted]							

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	3.6	0.00	0.01
	3.0	0.00	0.11
[redacted]			
	1.0	0.00	0.35
	20.0	0.03	0.03
	20.0	0.00	0.00
	12.0	0.00	0.00
	1.0	0.00	0.24
	0.3	0.00	0.27
	0.8	0.00	0.00
	6.5	0.31	0.31
	1.1	0.00	0.00
	0.7	0.00	0.18
	3.0	0.00	0.00
	—	0.85	0.85
	<0.5	0.02	0.02
	7.7	0.00	0.00
	4.4	0.00	0.45
	3.6	0.00	0.00
	4.2	0.10	0.10
	28.3	0.03	0.03
	7.0	0.00	0.00
	<0.5	0.00	0.00
	5.0	0.00	0.00
	3.8	0.00	0.00
[redacted]			
	0.6	0.00	0.01
	0.5	0.00	0.00
	<0.5	0.00	0.00
	1.1	0.09	0.24
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.12
	0.7	0.00	0.00
	—	0.00	0.40
	2.0	0.00	0.46
	1.4	0.83	0.83
	2.0	0.00	0.00
	2.9	0.00	0.00
	2.9	0.00	0.07
	1.7	0.00	0.00
	1.8	0.00	0.01
	2.2	0.08	0.66
	2.5	0.00	0.00
	2.0	0.00	0.05
	1.3	0.00	0.00

1.9	0.00	0.00	[redacted]
1.8	0.00	0.00	
0.8	0.00	0.03	
[redacted]			
5.8	0.00	0.00	
4.7	0.00	0.00	
3.3	0.00	0.00	
2.4	0.00	0.00	
3.5	0.00	0.00	
3.1	0.00	0.01	
8.1	0.00	0.00	
—	0.00	0.00	
0.9	0.00	0.00	
2.0	0.00	0.00	
6.4	0.00	0.00	
6.2	0.00	0.00	
4.9	0.00	0.00	
5.0	0.00	0.00	
4.7	0.00	0.04	
<0.5	0.00	0.27	
—	0.35	0.35	
—	0.00	0.00	
—	0.00	0.00	
1.6	0.02	0.03	
1.5	0.00	0.00	
11.0	0.00	0.00	
[redacted]			
1.1	0.00	0.00	
0.9	0.00	0.00	
0.6	0.02	0.14	
2.1	0.00	0.00	
<0.5	0.01	0.18	
<0.5	0.32	0.74	
0.7	0.00	0.00	
<0.5	0.00	0.00	
5.4	0.00	0.00	
4.8	0.00	0.00	
4.8	0.00	0.00	
4.7	0.00	0.00	
4.5	0.00	0.01	
2.5	0.00	0.01	
[redacted]			
2.3	0.01	0.02	
1.4	0.02	0.10	
8.0	0.00	0.00	
9.0	0.00	0.00	
3.2	0.00	0.00	
4.4	0.00	0.00	
3.9	0.09	0.09	

	3.6		0.00	0.14
	3.9		0.00	0.00
	2.7		0.26	0.26
	—		0.00	0.00
	2.6		0.00	0.00
	3.2		0.00	0.00
	2.7		0.00	0.00
	1.7		0.00	0.00
	3.3		0.00	0.05
	3.7	J-QC/FFD/RPO	0.00	0.00
	4.0		0.00	0.00
	3.4	J-QC/FFD/RPO	0.63	0.97
	4.6	J-QC/FFB/FFDRPO	0.00	0.00
	4.8		0.25	0.25
	6.8		0.00	0.01
	3.2		0.00	0.43
	4.1		0.00	0.00
	4.3		0.00	0.00
	4.0	J-QC/FFB	0.00	1.44
	3.9		0.00	0.00
	5.4	J-QC/FFB	0.00	0.41
	4.2		0.00	0.00
	4.4	J-QC/FFB	0.00	0.00
	3.6	J-QC/FFB	0.00	0.00
	3.8	J-QC/FFB	0.00	0.00
	3.7	BJ-QC/FBK/FFB	0.00	0.00
	4.1	J-QC/FFB	0.00	0.00
NA	4.60	J-QC/FFB/FFDRPO	1.22	1.22
NA	3.70		0.00	0.00
NA	14.00	J/OUT	0.00	0.03
NA	—	NAPQNS	0.00	0.00
NA	3.10	J-QC/FFB	0.00	0.00
NA	3.29	J-QC/FFB/FLDRPO	0.25	0.25
NA	3.62	J-QC/FFB	0.00	0.02
NA	3.74	J-QC/FFB	0.43	0.43
NA	3.40	J-QC/FFB	0.00	0.00
NA	6.40	J-QC/FFB/FFDRPO	1.69	2.78
NA	2.70		0.00	0.00
NA	1.90	J-QC/FFD/RPO	0.00	0.01
NA	3.30	BJ-QC/FBK/FFB	0.07	0.07
NA	3.30	J-QC/FFB	0.00	0.00
NA	2.90	BJ-QC/FBK/FFB	0.00	0.00
NA	3.90	J-QC/FFB	0.00	0.00
NA	2.70	J-QC/FFB	0.68	0.68
NA	2.80		0.00	0.09
NA	2.20		0.01	0.28
NA	3.70		0.00	0.15
NA	4.50		0.00	0.00

NA	3.9		0.00	0.00
NA	4.2	J-QC/FFB	0.00	0.10
NA	4.4		0.00	0.17
NA	2.1		0.00	0.64
NA	2.4	BJ-QC/FBK/FFB	0.00	0.57
NA	19.3	BJ-QC/FBK/FFBFFDFLDRPOFSLOUT	0.00	0.00
NA	2.9	J-QC/FFB	0.00	0.03
NA	2.1		0.00	0.00
NA	2.8		0.00	0.00
NA	2.4	J-QC/FFD/RPO	0.00	0.49
NA	2.2	J-QC/FFB	0.00	0.00
NA	2.9	J-QC/FFB	0.00	0.00
NA	2.7	J-QC/FFB	0.00	0.39
NA	3.4	J-QC/FFB	0.00	0.28
NA	3.8	J-QC/FFB	0.00	1.32
NA	3.1	J-QC/FFB	0.22	0.23
NA	2.9	J-QC/FFB	0.00	0.00
NA	5.7	J-QC/FFB/FFDRPO	1.36	5.34
NA	3.3	J-QC/FFB	0.04	0.04
NA	3.5	J-QC/FFB	0.00	0.00
NA	2.6	J-QC/FFB	0.00	0.00
NA	3.7		0.00	0.00
NA	3.7		0.00	0.00
NA	3.2		0.00	0.00
NA	2.7	J-QC/FFB	0.00	0.00
NA	2.9	BJ-QC/FBK/FFB	0.00	0.00
NA	1.3	J-QC/FFB	0.00	0.00
NA	1.8	J-QC/FFB	0.00	0.00
NA	1.6	BJ-QC/FBK/FFB	0.03	0.03
NA	2.0	J-QC/FFB	0.02	0.18
NA	2.0	J-QC/FFB	0.02	1.38
NA	2.0	J-QC/FFB	0.00	0.06
NA	2.0	B/FBK	0.00	0.00
NA	2.4	BJ-QC/FBK/FFB	0.00	0.00
NA	2.7	BJ-QC/FBK/FFB	0.00	0.00
NA	2.2		0.00	0.00
NA	3.2		0.23	0.23
NA	1.8	J-QC/FFD/RPO	0.00	0.05
NA	3.2	J-QC/FFB/FFDRPO	0.00	0.00
NA	1.4	J-QC/FFB	0.00	0.00
NA	2.2	J-QC/FFB	0.00	0.12
NA	1.2		0.00	0.00
NA	3.7	J-QC/FFB	0.00	0.00
NA	4.6		0.00	0.00
NA	3.6		0.00	0.00
NA	—	NA	0.00	0.00
NA	3.2	J-QC/FFB	0.14	0.14

NA	2.57	BJ-QC/FBK/FFB	0.00	0.00
NA	2.78	J-QC/FFB/FFDRPO	0.00	0.02
NA	3.27	J-QC/FFB	0.68	0.68
NA	4.7	J-QC/FFD/RPO	0.00	0.00
NA	1.6	J-QC/FFD/RPO	0.00	0.00
NA	2.8	J-QC/FLD/RPO	0.00	0.00
NA	1.7	J-QC/FFB	0.53	0.53
NA	4.7	J-QC/FFB	0.00	0.00
NA	1.7		0.18	0.18
NA	3.5	J-QC	0.00	0.14
NA	3.6	J-QC	0.01	0.12
NA	5.9		0.00	0.00
NA	4.2	J-QC/FFB/FLDRPO	0.00	0.00
NA	3.4	J-QC/FFB/FLDRPO	0.57	0.76
NA	4.0	J-QC/FFB	0.00	0.00
NA	3.7	J-QC/FFB	0.00	0.00
NA	3.5		0.00	0.00
NA	2.8	J-QC	0.01	0.04
NA	1.6		0.00	0.05
NA	2.4	J-QC/FFD/RPO	0.00	0.00
NA	2.8		0.00	0.00
NA	3.81	BJ-QC/FBK/FFBFLDRPOFMS	0.00	0.00
NA	3.81	J-QC	0.00	0.00
NA	2.81		0.00	0.00
[redacted]				
NA	1.7	J-QC/FMS	0.00	0.01
NA	3.0		0.00	0.07
NA	2.9		0.00	0.00
NA	2.3	BJ-QC/FBK/FFDRPO	0.00	0.00
NA	4.6	B/FBK	0.00	0.00
NA	4.6		0.99	0.99
NA	3.4	J-QC/FMS	0.04	0.03
NA	2.5		0.00	0.00
NA	2.2		0.00	0.00
NA	2.0		0.00	0.00
NA	1.6		0.00	0.73
NA	1.0	J-QC/FLD/RPO	0.00	0.00
NA	1.2		0.00	0.28
NA	2.8	J-QC/FFB	0.00	0.00
NA	0.4	J-R/LLS	0.00	0.00
NA	2.1		0.00	0.00
NA	1.7		0.00	0.00
NA	1.3		0.00	0.03
NA	1.6		0.73	0.73
NA	2.5	J-QC/FLD/RPO	0.00	0.00
NA	2.8	J-QC/FFD/RPO	0.00	0.00
NA	3.7		0.00	0.47
NA	2.4	J-QC/FMS	0.10	0.10
[redacted]				

Station #33 Upper Hudson River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 2, 2003	11:05	6.70	7.4	10.08
December 16, 2003	10:14	5.50	3.3	12.15
2004				
January 6, 2004	10:35	5.70	4.3	11.52
March 2, 2004	11:05	7.67	4.1	11.80
April 7, 2004	10:45	7.71	6.5	10.20
April 20, 2004	10:50	7.66	10.6	9.01
May 4, 2004	10:45	7.40	12.0	8.32
June 2, 2004	10:55	7.35	—	8.20
June 8, 2004	10:40	—	—	3.00
June 22, 2004	10:35	7.59	20.2	8.11
June 28, 2004	11:50	7.70	—	9.84
July 6, 2004	11:20	7.30	21.7	8.15
July 20, 2004	11:24	7.76	24.7	6.37
July 27, 2004	11:40	6.98	26.1	6.31
August 3, 2004	11:55	7.29	24.66	4.96
August 10, 2004	11:00	7.87	24.22	8.74
August 17, 2004	11:19	6.98	23.00	5.00
August 24, 2004	11:40	—	24.73	5.24
August 31, 2004	11:21	7.40	24.22	7.70
September 7, 2004	10:52	7.75	24.13	10.33
September 14, 2004	11:24	—	22.95	5.22
September 21, 2004	10:47	6.80	21.32	7.26
October 7, 2004	11:15	7.37	18.34	7.98
October 26, 2004	11:40	—	14.4	7.37
November 18, 2004	11:30	7.69	10.10	8.75
2005				
March 22, 2005	10:58	—	4.40	11.46
April 12, 2005	10:16	6.54	8.20	—
April 26, 2005	10:49	7.65	11.00	9.49
May 2, 2005	10:52	—	11.70	10.93
May 10, 2005	10:52	7.65	12.09	11.16
May 17, 2005	10:49	7.69	15.34	10.12
May 23, 2005	12:19	7.61	14.35	8.19
June 1, 2005	10:10	7.40	15.59	7.40
June 7, 2005	10:45	7.31	17.45	6.76
June 16, 2005	10:21	8.17	22.56	9.93
June 30, 2005	10:34	7.32	22.93	5.39
July 5, 2005	11:09	7.44	22.90	6.34
July 12, 2005	10:41	7.50	24.10	6.83
July 20, 2005	11:55	7.32	24.53	5.02
July 26, 2005	11:30	7.24	26.08	4.63
August 1, 2005	12:30	7.58	25.73	6.57
August 10, 2005	—	—	—	—
August 15, 2005	11:01	7.56	26.21	5.73
August 24, 2005	10:38	—	24.93	4.90

August 29, 2005		11:31	—	25.21	5.97
September 13, 2005		10:39	7.60	23.60	7.29
September 21, 2005		11:31	7.43	23.69	5.60
October 5, 2005		11:44	7.40	20.77	5.69
October 19, 2005		11:16	8.32	17.52	8.27
2006					
February 2, 2006		10:10	7.66	4.20	13.98
February 15, 2006		10:19	7.60	3.58	13.25
March 1, 2006		09:53	7.82	3.42	12.24
March 29, 2006		10:36	7.87	6.84	10.40
April 10, 2006		11:24	7.94	7.64	8.80
April 26, 2006		11:03	7.49	11.90	9.72
May 4, 2006		11:12	7.43	13.85	9.89
May 10, 2006		11:08	7.75	13.93	8.71
June 21, 2006		10:21	7.34	20.58	5.94
July 10, 2006		11:13	7.36	19.77	8.42
July 26, 2006		09:51	7.12	27.55	5.36
August 2, 2006		09:38	7.51	27.12	6.77
August 7, 2006		10:05	7.75	23.33	7.70
August 17, 2006		10:38	7.38	24.60	5.22
August 21, 2006		11:25	7.40	24.06	5.58
August 31, 2006		10:48	7.48	22.99	6.19
September 5, 2006		11:08	7.39	21.63	6.14
September 20, 2006		10:13	7.43	21.36	5.50
September 27, 2006		10:19	7.32	20.52	6.02
October 19, 2006		10:08	7.41	17.03	7.14
November 1, 2006		10:54	7.80	13.14	9.93
November 29, 2006		09:56	7.90	10.24	9.28
2007					
January 11, 2007		11:55	8.14	5.29	12.62
January 24, 2007		10:18	7.74	4.30	10.02
February 21, 2007		11:51	7.62	1.71	9.65
March 21, 2007		10:39	8.07	2.23	13.80
April 3, 2007		10:15	7.51	5.41	12.85
May 2, 2007		10:28	7.37	10.19	11.82
Boat engine failure - 5/18/07					
September 6, 2007		10:03	7.47	22.82	6.49
September 13, 2007	A	10:19	7.23	23.29	6.25
September 13, 2007	B	10:19	—	—	—
September 26, 2007		10:17	7.56	21.16	9.17
October 4, 2007		11:38	7.28	21.56	5.55
October 17, 2007		09:51	7.37	19.38	6.05
October 31, 2007		09:53	7.29	16.72	7.20
November 28, 2007		10:23	—	9.39	10.44
December 12, 2007		10:27	—	7.03	9.22
2008					
January 10, 2008		10:30	—	3.96	10.94
February 5, 2008		10:15	7.75	4.24	10.57
March 12, 2008		10:33	7.47	3.17	13.14
May 7, 2008		10:14	7.50	13.27	8.48

May 14, 2008		09:48	7.74	13.88	8.68
June 12, 2008		11:03	7.65	21.82	8.55
June 18, 2008		10:22	7.65	20.32	7.46
June 25, 2008		10:28	7.45	22.27	6.01
July 16, 2008		09:58	7.60	23.92	6.34
August 14, 2008		10:32	7.74	23.22	6.80
August 20, 2008		09:56	7.42	23.19	5.63
September 3, 2008		10:26	7.37	23.29	5.98
September 11, 2008		10:39	7.41	23.25	5.87
September 17, 2008		10:10	7.26	22.05	3.80
October 8, 2008		10:13	—	17.92	5.34
2009					
February 4, 2009		10:47	7.57	1.51	9.15
March 5, 2009		11:08	7.53	2.01	13.65
April 27, 2009		10:36	7.07	10.72	—
May 6, 2009		10:40	7.38	12.84	—
May 21, 2009		10:25	7.54	15.29	—
June 2, 2009		10:09	7.18	17.36	—
June 17, 2009		10:39	7.50	19.97	7.13
June 25, 2009		10:05	7.37	20.64	6.16
July 9, 2009		10:22	7.56	21.84	6.98
July 16, 2009		10:42	—	NAPEFAI/EQF 22.08	7.46
July 22, 2009		10:58	—	NAPEFAI/EQF 21.14	5.25
August 5, 2009		10:06	—	NAPEFAI/EQF 24.50	5.78
August 11, 2009		10:05	—	NAPEFAI/EQF 24.63	5.93
August 20, 2009		10:01	—	NAPEFAI/EQF 24.63	—
August 26, 2009		10:14	—	NAPEFAI/EQF 26.25	—
September 3, 2009		10:06	—	NAPEFAI/EQF 22.73	—
September 23, 2009		10:44	—	NAPEFAI/EQF 21.17	—
October 14, 2009		10:42	—	NAPEFAI/EQF 16.06	—
December 7, 2009		10:27	8.05	9.29	11.21
2010					
March 22, 2010		11:00	7.60	6.68	17.94
April 14, 2010		10:02	7.52	9.22	11.25
May 5, 2010		10:37	7.52	14.82	10.00
May 11, 2010		10:38	7.58	12.71	9.51
May 17, 2010		10:14	7.42	12.97	8.93
May 27, 2010		10:17	7.59	16.65	9.35
June 7, 2010		10:24	8.15	21.61	10.58
June 22, 2010		10:30	7.44	21.72	9.08
June 30, 2010		09:59	7.55	24.03	6.12
July 14, 2010		10:57	7.46	23.48	6.14
July 21, 2010		10:15	7.59	25.97	6.10
August 5, 2010		09:57	7.73	24.33	5.60
August 12, 2010		10:08	7.41	24.19	4.50
August 18, 2010		10:03	7.45	24.62	5.11
September 1, 2010		10:18	8.16	25.57	10.77
September 9, 2010		10:25	7.72	22.48	6.31
September 16, 2010		10:21	7.55	20.80	6.71
September 23, 2010		09:33	7.43	20.59	6.84

October 5, 2010		10:53	7.53		19.30		7.68
November 18, 2010		10:18	7.70		10.84		10.36
December 9, 2010		10:38	7.76		5.60		11.70
2011							
January 4, 2011		11:10	7.79		2.56		12.60
February 9, 2011		10:35	7.55		0.58		14.31
March 8, 2011		10:18	7.21		2.95		15.79
April 14, 2011		10:39	7.15		7.91		14.15
May 5, 2011		10:35	6.77		11.95		10.15
May 12, 2011		10:34	—	NAPEFAI/EQF	13.79		9.87
May 24, 2011		10:19	7.48		16.24		8.71
June 1, 2011		10:21	7.63		19.81		10.67
June 8, 2011		10:24	7.80		20.13		7.76
June 15, 2011		10:20	7.29		19.28		6.49
June 27, 2011		10:18	7.57		23.36		7.35
July 11, 2011		10:25	7.58		24.44		6.19
July 26, 2011		10:18	7.95		25.62		7.05
August 2, 2011		10:13	7.39		24.89		4.72
August 10, 2011		10:48	7.37		25.42		4.86
August 16, 2011		10:18	7.31		24.40		5.27
August 23, 2011		10:18	7.80		25.08		7.17
September 7, 2011		10:40	7.64		22.02		7.21
September 20, 2011		10:03	7.73		19.19		7.50
September 27, 2011		10:20	7.41		20.61		5.50
October 24, 2011		10:35	7.64		15.96		7.52
November 1, 2011		10:22	7.79		12.64		9.14
December 19, 2011		10:45	7.98		7.64		11.17
2012							
January 10, 2012		10:08	7.78		6.83		10.08
February 7, 2012		10:40	7.73		5.49		10.30
March 6, 2012		10:35	7.81		5.61		10.97
April 17, 2012		10:45	7.94		12.64		8.45
May 7, 2012		09:57	7.51		13.52		7.73
May 14, 2012		10:09	7.59		16.10		8.27
May 30, 2012		10:44	7.56		20.37		6.92
June 5, 2012	A	10:18	7.13		19.38		4.95
June 5, 2012	B	10:18	—	NA	—	NA	—
June 11, 2012		10:09	—	NAPEFAI/EQF	21.06		6.50
June 19, 2012		10:10	—	NAPEFAI/EQF	21.15		7.54
July 2, 2012		10:08	—	NAPEFAI/EQF	22.40		3.75
July 10, 2012		10:14	7.98		25.35		7.98
July 17, 2012		10:14	7.67		24.91		6.16
August 1, 2012	A	10:04	7.36		24.22		4.74
August 1, 2012	B	10:04	—	NA	—	NA	—
August 7, 2012		10:18	7.44		26.08		5.53
August 14, 2012		10:12	7.71		25.95		6.69
August 21, 2012		10:18	7.32		24.41		4.64
August 29, 2012		10:18	7.38		24.42		6.15
September 13, 2012		10:15	7.46		23.00		5.31
October 17, 2012		08:48	7.51		16.81		6.84

November 19, 2012	08:38	7.69	9.71	10.05
November 20, 2012	09:26	7.83	9.74	9.06
November 21, 2012	09:25	7.67	9.48	9.16
December 6, 2012	09:06	7.76	7.75	10.31
2013				
January 9, 2013	09:12	7.81	5.06	11.46
February 5, 2013	08:47	7.58	2.27	12.26
March 11, 2013	08:47	7.48	3.82	12.64
April 4, 2013	09:02	7.88	5.66	10.90
May 6, 2013	10:30	7.81	13.13	8.90
May 14, 2013	10:05	7.76	14.84	7.48
May 22, 2013	10:04	7.61	14.73	7.90
May 30, 2013	10:02	7.56	16.62	7.80
June 5, 2013	10:00	7.79	19.35	7.73
June 18, 2013	10:08	8.01	20.58	7.97
June 25, 2013	10:10	7.68	21.41	6.57
July 9, 2013	10:50	7.63	23.25	6.47
July 16, 2013	10:25	7.79	25.53	6.66
July 23, 2013	10:35	7.68	24.67	5.08
July 31, 2013	10:12	7.72	24.87	6.96
August 6, 2013	10:20	7.77	24.90	6.18
August 20, 2013	10:45	7.83	22.00	5.35
August 27, 2013	10:44	7.91	23.26	5.87
September 4, 2013	11:39	7.83	23.26	6.84
September 9, 2013	10:40	7.62	21.69	5.81
September 25, 2013	11:03	7.73	19.30	6.77
October 1, 2013	10:39	7.72	19.05	8.09
November 21, 2013	10:43	8.46	8.99	9.53
December 3, 2013	11:55	7.74	7.69	8.91
2014				
March 4, 2014	10:20	7.94	0.66	13.44
April 10, 2014	10:38	7.53	5.52	15.51
May 6, 2014	10:30	8.70	11.50	12.13
May 14, 2014	10:24	7.90	10.95	9.54
May 21, 2014	10:44	7.49	15.05	10.42
June 3, 2014	10:41	7.71	17.48	9.01
June 12, 2014	11:50	7.44	17.06	8.30
June 24, 2014	10:08	7.72	20.00	7.64
June 30, 2014	10:18	7.76	22.52	6.79
July 7, 2014	10:36	7.83	22.20	7.37
July 16, 2014	11:11	7.44	21.84	5.49
July 22, 2014	10:14	7.68	22.44	6.64
July 29, 2014	10:24	7.91	22.70	6.33
August 5, 2014	10:12	7.69	22.98	6.89
August 11, 2014	10:30	7.48	22.06	5.59
August 19, 2014	10:18	7.65	21.97	6.71
September 4, 2014	10:57	7.31	23.09	6.63
September 10, 2014	11:05	7.56	21.25	5.80
September 16, 2014	11:35	7.64	21.70	6.34
September 23, 2014	10:48	7.53	20.97	6.53

September 29, 2014	10:40	7.37	20.83	5.89
November 25, 2014	10:45	7.66	9.75	8.85
December 1, 2014	10:29	7.55	8.38	9.94

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	86.5	4.3	1.5	18
	92.4	2.1	1.5	18
[redacted]				
	94.4	4.3	3	20
	98.0	11.6	3	12
	90.1	13.2	2	32
	95.6	12.2	2	27
	85.7	18.2	2	46
	—	—	2	22
	—	—	1	34
	89.9	—	3	17
	108.7	—	2.5	26
	94.4	—	3	22
	77.0	—	3	23
	73.5	—	2	22
	66.0	18.51	3	11
	111.2	11.43	3	10
	64.0	17.12	4	30
	65.3	5.86	4	8
	100.5	16.11	3	24
	126.6	4.88	4	6
	67.3	17.45	3	14
	83.8	2.97	2	13
	88.7	5.92	4	8
	78.5	13.2	3	28
	86.3	16.20	2	18
[redacted]				
	96.0	10.30	—	10
	—	5.20	6	40
	93.3	12.67	1	26
	106.8	9.27	—	22
	112.4	13.11	2	36
	106.1	7.88	2	14
	92.1	22.20	1	24
	85.4	22.83	2.5	28
	79.5	19.94	2	16
	123.6	14.29	—	11
	74.0	16.50	2	22
	83.0	20.62	3	18
	88.8	15.72	2	18
	69.5	25.71	2	18
	62.8	16.97	2.5	28
	88.6	17.23	2	13
	—	—	—	15
	77.6	16.51	2.5	12
	66.8	21.15	3	18

81.4	19.35	3	32
95.7	19.24	4	22
76.3	25.45	3	28
73.6	24.78	4	21
92.6	11.46	2	21
[redacted]			
117.6	13.79	<1	49
111.4	16.07	<1	32
108.6	24.61	<1	47
98.7	21.92	1	44
87.7	27.27	<1	18
97.7	13.00	1	32
101.0	8.64	2	26
93.9	17.42	2	22
71.9	14.40	3	20
103.0	17.51	—	68
70.5	16.97	—	26
89.3	8.83	—	10
101.1	19.76	1	40
68.4	15.35	2	19
74.7	21.52	—	24
77.7	12.93	5	13
78.6	20.79	5	15
69.8	19.84	4	15
74.1	17.34	3	18
84.0	21.25	3	18
96.0	2.41	1	23
89.8	13.21	2	14
[redacted]			
102.2	4.03	1	16
84.4	13.53	1	37
84.3	28.52	2	47
107.2	9.81	1	46
109.2	10.89	1	22
113.0	10.80	1	20
85.7	22.90	4	26
83.0	22.89	4	24
—	—	—	<1
121.7	28.75	2	32
71.3	21.36	3	26
73.9	19.68	4	25
80.7	14.48	2	32
97.4	10.34	1	28
87.2	21.00	3	22
[redacted]			
92.6	15.42	2	38
92.5	19.90	2	42
101.5	4.82	1	36
88.0	13.34	1	54

	90.0		11.04	2	22	
	106.4		14.85	3	21	
	93.0		20.03	2	19	
	75.5		15.15	2	18	
	83.3		18.01	3	20	
	87.5		16.80	3	13	
	72.9		17.64	3	19	
	80.1		22.80	3	43	
	75.1		14.69	3	10	
	49.0		20.76	3	24	
	61.8		15.27	4	14	
[redacted]						
	73.5		17.20	2	41	
	108.3		14.68	2	55	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	17.79	2	54	
NAPEFAI/EQF	—	NAPEFAI/EQF	16.16	2	22	
NAPEFAI/EQF	—	NAPEFAI/EQF	14.09	3	19	
NAPEFAI/EQF	—	NAPEFAI/EQF	15.52	2	26	
	82.8		9.26	3	6	
	72.1		8.48	2	23	
	85.2		11.65	3	30	
	92.9		14.43	3	16	J-QC/FFD/RPO
	66.3		19.85	2	24	
	74.0		11.47	3	10	
	75.2		10.05	3	26	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	19.88	3	68	
NAPEFAI/EQF	—	NAPEFAI/EQF	10.07	3	8	
NAPEFAI/EQF	—	NAPEFAI/EQF	19.21	3	18	
NAPEFAI/EQF	—	NAPEFAI/EQF	18.17	3	20	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.24	5	24	J-QC/FFD/RPO
	107.8		15.43	2	34	J-QC/FFD/RPO
[redacted]						
	150.9		4.11	2	21	
	107.3		14.75	3	19	J-QC/FFD/RPO
	104.3		8.95	2	18	J-QC/FFD/RPO
	97.9		14.00	2	38	
	94.1		17.07	2	30	
	107.1		18.52	2	27	
	131.9		13.18	3	28	
	113.4		18.21	3	14	J-QC/FFD/RPO
	79.2		14.83	2	38	J-QC/FFD/RPO
	81.8		20.78	3	48	
	84.2		19.26	3	47	
	75.0		19.96	4	40	J-QC/FFB/FLDRPO
	61.2		23.98	3	68	
	68.2		18.49	4	36	J-QC/FFD/RPO
	140.8		10.25	4	16	
	84.1		23.46	3	28	
	82.7		16.81	4	14	J-QC/FFD/RPO
	85.7		20.93	4	42	

	90.4		14.70		4		36	
	100.8		12.16		3		44	
	98.1		8.97		3		34	
[redacted]								
	103.6		17.62		2		54	J-QC/FFB/FFDRPO
	107.7		11.44		4		42	
	118.1		1.34		2		50	
	126.8		9.63		2		37	
	97.2		5.42		5		25	J-QC/FFD/RPO
	100.2		10.10		3		20	
	90.1		2.70		4		18	
	124.7		10.52		2		38	
	90.6		10.26		3		78	
	78.4		17.54		3		23	
	89.7		6.86		4		12	J-QC/FFD/RPO
	80.2		13.88		4		18	
	92.7		12.14		4		34	J-QC/FLD/RPO
	63.8		19.98		4		50	J-QC/FLD/RPO
	66.3		19.65		4		27	
	70.3		18.58		4		16	
	91.8		9.56		4		29	
	84.1		3.03		1		44	
	84.4		6.42		3		10	
	67.1		16.34		3		58	
	84.1		16.41		2		46	
	89.6		6.56		2		46	J-QC/FFB
	102.0		13.27		1		39	
[redacted]								
	94.5		20.49		3		34	
	91.5		18.17		3		32	
	98.3		18.13		4		34	
	91.7		23.13		3		49	
	83.5		29.08		2		71	
	88.6		8.96		3		32	J-QC/FLD/RPO
	83.3		14.23		2		46	
	60.3		19.80		5		57	
NA	—	NA	—	NA	—	NA	54	
	78.3		12.52		2		28	J-QC/FFB
	94.4		12.52		4		52	
	48.3		19.08		3		61	
	105.7		15.24		7		16	J-QC/FLD/RPO
	83.3		18.85		4		46	J-QC/FFD/FLDRPO
	64.3		22.94		3		24	J-QC/FLD/RPO
NA	—	NA	—	NA	—	NA	24	J-QC/FLD/RPO
	75.7		18.18		4		48	
	91.8		17.75		3		46	J-QC/FLD/RPO
	62.6		21.46		5		58	
	84.1		23.71		4		32	
	70.8		22.83		3		64	
	80.0		21.06		2		50	

98.5	17.07	2		58	J-QC/FLD/RPO
89.9	19.12	2		35	
90.1	18.35	4		—	NA
95.5	15.18	2		25	J-QC/FLD/RPO
[redacted]					
103.0	20.59	1		68	
99.6	15.92	2		47	J-QC/FFB
108.3	18.12	1		54	
95.5	14.54	2		39	
92.9	15.14	1		24	J-QC/FFD/RPO
80.1	12.92	3		41	
88.9	21.45	1		62	
85.1	10.01	1		50	
88.2	7.96	4		30	
90.2	3.06	3		12	
80.2	13.44	3		21	
80.9	11.21	3		28	
85.7	8.83	3		26	J-QC/FLD/RPO
70.1	24.92	3		64	J-QC/FLD/RPO
87.2	11.28	4		26	
80.4	19.63	4.5		18	J-QC/FLD/RPO
70.0	23.96	3		49	J-QC/FLD/RPO
76.4	20.46	4		40	
90.1	17.98	5		11	J-QC
74.2	20.20	4		60	
80.5	15.71	4		40	
97.9	18.12	3		11	
92.8	17.72	3		68	
88.8	26.63	2		71	
[redacted]					
106.3	18.35	2		56	J-QC/FLD/RPO
128.0	5.88	2		24	
114.0	3.51	2		29	J-QC/FLD/RPO
99.8	22.97	1		54	
107.8	9.00	1		37	
100.1	10.57	4		38	
97.1	20.24	—	A	56	
93.3	17.91	4		24	J-QC/FFB
83.5	12.55	2		16	
90.5	11.56	4		24	
69.5	17.61	3		41	
83.1	13.88	4		18	
80.4	15.45	4		33	
87.0	13.68	5		19	
73.6	24.61	4		52	
84.3	16.63	4		34	J-QC/FLD/RPO
84.6	14.61	5		35	
75.6	24.87	6		60	
79.6	17.17	2		38	
81.9	19.58	3		40	

74.8	22.10	4	32
92.6	26.80	2	39
95.6	18.56	2	48

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
0.69	<2	0.29	0.024
0.69	<2	<0.09	0.017
[redacted]			
0.64	<2	<0.09	0.016
0.75	4	<0.19	0.020
0.42	4	<0.19	0.030
0.38	2	<0.19	0.034
0.50	2	<0.19	0.034
0.50	2	<0.19	0.051
0.25	2	<0.19	0.065
0.82	2	<0.19	0.046
0.20	<2	<0.19	0.036
1.37	3	<0.19	0.060
1.56	2	<0.19	0.053
1.48	3	<0.19	0.051
0.51	12	<0.19	0.065
1.52	4	<0.19	0.038
2.86	2	<0.19	0.038
1.99	<2	<0.19	0.041
1.37	2	0.34	0.058
0.83	4	<0.19	0.036
1.05	<2	<0.19	0.064
0.86	3	<0.19	0.028
0.58	<2	<0.19	0.023
0.90	3	<0.19	0.035
0.83	<2	<0.19	0.049
[redacted]			
0.81	<2	<0.19	0.020
0.57	<2	<0.19	0.041
<1.00	7	<0.19	0.035
0.64	<2	<0.19	0.034
0.93	5	—	—
0.70	<2	<0.19	0.052
0.91	3	<0.19	0.046
1.08	3	<0.27	0.093
1.04	<2	<0.27	0.100
<1.00	<2	<0.27	0.055
0.88	<2	<0.27	0.071
0.77	6	<0.27	0.046
0.83	6	<0.27	0.040
0.99	5	<0.27	0.059
1.13	4	<0.27	0.069
0.45	4	<0.27	0.043
1.36	3	<0.27	0.050
0.80	<2	<0.27	0.036
0.62	<2	<0.27	0.082

<1.00	4	<0.27	0.178
0.74	8	<0.27	0.119
0.69	<2	<0.27	0.100
0.99	3	<0.27	0.120
0.80	<2	<0.27	0.032
[redacted]			
<1.00	7	<0.27	0.027
0.93	3	<0.27	0.028
<1.00	14	<0.27	0.029
<1.00	4	<0.27	0.035
<1.00	5	<0.295	0.037
1.21	4	<0.295	0.069
0.71	<2	<0.295	0.045
0.70	—	<0.295	0.037
1.01	<2	<0.295	0.045
0.46	6	<0.295	0.030
0.59	<2	<0.295	0.047
1.12	6	<0.295	0.019
1.20	—	<0.295	0.022
1.55	—	0.31	0.041
1.31	—	<0.295	0.054
<1.00	—	<0.295	0.050
<1.00	7	<0.295	0.075
—	<2	<0.295	0.094
0.63	—	<0.295	0.149
0.54	<2	<0.295	0.080
0.70	—	<0.295	0.010
0.76	—	0.43	0.023
[redacted]			
0.47	—	<0.295	0.024
0.55	<2	<0.295	0.049
0.80	—	<0.295	0.028
0.75	<2	0.439	0.033
0.70	—	<0.039	0.019
0.52	—	0.217	0.020
0.81	<2	0.255	0.152
0.50	<2	0.229	0.182
<0.30	<2	0.213	0.097
0.45	<2	0.432	0.091
0.36	<2	0.356	0.117
0.98	<2	0.249	0.172
0.62	<2	0.227	0.109
0.67	<2	0.240	0.028
0.43	<2	0.103	0.034
[redacted]			
1.04	<2	0.228	0.022
0.78	<2	0.357	—
1.38	<2	0.213	0.019
1.49	<2	0.378	0.034

0.33		<2		0.183		0.041
<0.30		<2		0.077		0.033
<0.30		<2		0.099		0.034
0.56		<2		0.235		0.038
0.74		<2		0.135		0.034
1.30		<2		<0.017		0.030
0.57		<2		0.262		0.038
<0.30		<2		0.208		0.057
0.99		<2		0.108		0.088
0.35		<2		0.182		0.108
0.82		<2		0.115		0.150
[redacted]						
0.51	BJ-QC/FBK/FFBFLS	<2	K	0.326	J-QC/FMS	0.031
1.38	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.377		0.022
1.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.449		0.040
0.67	BJ-QC/FBK/FFB	<2	K	0.365		0.049
1.28	BJ-QC/FBK/FFBFLS	<2	K	0.063	J-QC/FMS	0.048
1.71	J-QC/FFB/FFDRPOFLS	<2	K	0.230		0.053
0.92	J-QC/FLS	<2	K	0.230		0.040
1.49	BJ-QC/FBK/FFB	<2	K	0.261		0.041
0.93	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.028
0.82	BJ-QC/FBK/FLS	<2	KJ-QC/FFD/RPOFLS	0.112	J-QC/FFD/RPO	0.027
0.85	J-QC/FFD/RPO	4	J-QC/FLS	0.168		0.033
1.14	BJ-QC/FBK/FFB	<2	K	0.031	J-RJ-QC/FFD/RPO	0.021
0.96	BJ-QC/FBK/FLDRPOFLS	<2	KJ-QC/FLS	<0.018	K	0.023
0.46	BJ-QC/FBK/FFBFLS	<2	K	0.102	J-QC/FFD/RPO	0.022
1.19	BJ-QC/FBK/FFB	<2	K	<0.018	K	0.019
0.95	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FLS	0.092		0.025
<1.00	KJ-QC/FLS	3	J-QC/FLS	0.249		0.054
1.01	BJ-QC/FBK/FFBFLS	7	J-QC/FLS	0.097		0.058
1.61	BJ-QC/FBK/FFBFLS	<2	K	0.157		0.041
[redacted]						
1.00	BJ-QC/FBK/FFBFLS	<2	K	0.105		0.0207
0.78	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.176		0.0139
1.59	BJ-QC/FBK/FFB	<2	KJ-HT/EHT	0.216	J-QC/FFD/RPO	0.0486
1.35	BJ-QC/FBK/FFBFLS	<2	K	0.216	J-QC/FMS	0.0283
0.61	BJ-QC/FBK/FFBFLS	<2	K	0.186		0.0526
0.57	BJ-QC/FBK/FFBFLS	<2	K	0.201		0.0665
1.57	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.020	J-RJ-QC/FMS	0.0432
0.73	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.211		0.0648
1.23	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.176		0.0463
0.90	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.111	J-QC/FFD/RPO	0.0452
0.50	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FLS	0.297		0.0530
0.86	BJ-QC/FBK/FFBFLS	<2	K	0.299		0.0247
0.56	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.330		0.0465
0.69	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.299	J-QC/FSL	0.0391
1.81	BJ-QC/FBK/FFBFLS	<2	K	<0.0175	K	0.0777
0.59	BJ-QC/FBK/FFBFFDRPOFLS	4	J-QC/FFB/FLS	0.225		0.0381
1.37	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.257		0.0567
0.69	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.299		0.0657

0.67	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.199		0.1190
1.67	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.141		0.0172
1.71	BJ-QC/FBK/FFB	<2	K	0.166		0.0201
[redacted]						
0.80	BJ-QC/FBK/FFBFLS	<2	K	0.257		0.0288
1.53	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.434		0.0244
1.66	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.157		0.0229
1.25	BJ-QC/FBK/FFBFLS	<2	K	0.235		0.0181
1.50	BJ-QC/FBK/FFB	<2	K	0.207	J-QC/FMS	0.0140
0.99	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.196	J-QC/FMS	0.0172
1.63	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.125		0.0237
1.11	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.152		0.0223
1.37	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.207		0.0321
0.71	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.299		0.0357
1.35	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.109		0.0275
1.21	BJ-QC/FBK/FFBFLS	<2	K	0.197	J-QC/FFB	0.0292
1.16	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.201		0.0226
0.39	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.397		0.0443
0.74	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.430	J-QC/FFD/RPO	0.0440
1.29	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.272	J-QC/FFB	0.0314
1.20	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.359		0.0285
1.44	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.185	J-QC/FMS	0.0689
1.19	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.334		0.0401
1.13	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.278		0.0422
1.81	BJ-QC/FBK/FFBFLS	<2	K	0.028	J-R	0.0324
2.26	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.118	J-QC/FSL/FMS	0.0439
1.52	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.273	J-QC/FMS	0.0562
[redacted]						
1.22	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.200		0.0319
0.76	BJ-QCJ-HT/FBK/FFBFLSEHT	3	J-QC/FFD/RPOFLS	0.554	J-QC/FSL	0.0250
1.50	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.398	J-QC/FSL/FMS	0.0264
0.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.329	J-QC/FLD/RPOFMS	0.0558
0.99	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.293	J-QC/FSL/FMS	0.0909
1.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.089		0.0519
1.31	BJ-QC/FBK/FFBFLDRPO	<2	K	0.262	J-QC/FSL	0.0470
1.13	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.188	J-QC/FMS	0.0504
1.22	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.204	J-QC/FMS	0.0526
1.51	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.241	J-QC/FMS	0.0433
0.65	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.183		0.0366
0.62	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.285	J-QC/FMS	0.0358
1.17	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.042	J-R	0.0218
2.48	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.259		0.0234
0.70	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.190		0.0447
0.73	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.206		0.0434
0.92	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.232		0.0338
0.65	BJ-QC/FBK/FFBFLS	<2	K	0.058	J-R	0.0368
0.35	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-HT/EHT	0.296		0.0570
0.43	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.190		0.1362
0.36	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.195	J-QC/FSL	0.1222
0.57	BJ-QC/FBK/FFB	<2	K	0.148		0.0591

—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.279	J-QC/FFB/FMS	0.0255
—	NA	<2	KJ-QCJ-HT/FLS/EHT	<0.0378	KJ-QC/FMS	0.0278
—	NA	—	NA	—	NA	—
—	NA	<2	K	0.312		0.0345
[redacted]						
—	NA	<2	K	0.333	J-QC/LLS/FMS	0.0313
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.337	J/LLS	0.0204
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.878		0.0315
—	NA	<2	K	0.331	J-QC/LLS/FMS	0.0274
—	NA	<2	KJ-QC/FMS	0.261	J-QC/LLS/FFDRPO	0.0534
1.31	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.653	J-QC/FMS	0.0676
0.35	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.284	J-QC/LLS/FSL	0.0459
1.34	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.131	J-QC/LLS/FMS	0.0535
1.28	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.392	J/LLS	0.0246
1.11	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	<0.0217	KJ-QC/FFD/RPOFMS	0.0252
1.28	BJ-QC/FBK/FFB	<2	K	0.187	J/LLS	0.0294
1.18	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	KJ-QC/FSL	0.0197
1.27	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0154
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	<0.0911	K	0.0338
0.84	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0245
0.89	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0285
0.53	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	<0.0911	K	0.0304
0.94	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	<0.0911	K	0.0246
0.73	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0345
0.54	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-HT/EHT	0.163	J-R/LLS	0.0360
1.10	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.277	J/LLS	0.0842
0.81	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.404	J-QC/FMS	0.0605
1.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.435		0.0371
0.55	BJ-QC/FBK/FFBFFDRPO	<2	K	0.321	J/LLS	0.0308
[redacted]						
1.22	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.174	J/LLS	0.0294
1.38	BJ-QC/FBK/FFB	<2	K	0.176	J/LLS	0.0182
1.37	BJ-QC/FBK/FFB	<2	K	0.273	J-QC/LLS/FFB	0.0238
0.78	BJ-QC/FBK/FFBFMS	<2	K	0.210	J-QC/LLS/FFBFLDRPC	0.0263
0.69	BJ-QC/FBK/FFBFMS	<2	K	0.313	J-QC/LLS/FFB	0.0326
1.82	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.233	J/LLS	0.0352
0.79	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC	0.080	J-QC/LLS	0.0300
<0.1176	KBJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.223	J-QC/LLS/FFDRPO	0.0304
2.21	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	<0.0267	KJ-QC/FSL	0.0285
1.23	BJ-QC/FBK/FFB	<2	KJ-QC	<0.0267	K	0.0199
0.69	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.206	J-QC/LLS/FFB	0.0310
0.93	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.095	J/LLS	0.0223
0.75	BJ-QC/FBK/FFBFMS	<2	KJ-HT	<0.0267	KJ-QC/FSL	0.0274
1.94	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	—	A/LBF	0.0169
0.72	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.084	J-QC/LLS/FSL	0.0296
1.19	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0222
0.73	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0330
0.67	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	<0.0267	K	0.0379
0.92	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0785
0.73	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0766

0.90	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.0881
0.27	BJ-RJ-QC/LLS/FBKFFBFMS	<2	KJ-QC/FLS	0.109	J/LLS	0.0431
0.77	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.081	J/LLS	0.0324

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.59	0.206	0.16	0.39
	0.61	0.096	0.07	<0.2
	0.44	0.125	0.09	0.48
	0.44	0.086	0.08	1.84
	0.53	0.388	0.14	2.3
	0.43	0.130	0.15	1.1
	0.42	0.136	0.11	2.14
	0.52	0.126	0.12	1.0
	0.73	0.154	0.17	1.5
	0.46	0.122	0.12	5.8
	0.42	0.100	0.10	5.8
	1.11	0.130	0.14	1.9
	—	0.175	0.31	2.31
	0.77	0.157	0.18	—
	0.73	0.175	0.16	2.24
	0.55	0.122	0.10	14.56
	0.47	0.183	0.16	2.85
	0.68	0.141	0.12	3.75
	0.46	0.088	0.16	2.87
	0.75	0.096	0.12	5.71
	0.63	0.149	0.18	2.05
	0.62	0.121	0.13	1.64
	0.61	0.097	0.09	2.43
	0.95	0.159	0.18	1.02
	0.63	0.200	0.16	1.02
	0.58	0.087	0.10	1.94
	0.51	0.233	0.44	0.93
	0.35	0.099	0.16	0.85
	0.54	0.211	0.24	0.55
	—	—	0.19	2.65
	0.79	0.082	0.12	1.62
	0.62	0.117	0.11	—
	0.29	0.120	0.16	—
	0.53	0.146	0.15	—
	0.33	0.065	0.09	—
	0.71	0.150	0.17	—
	0.65	0.138	0.11	—
	0.89	0.126	0.14	—
	0.58	0.159	0.18	—
	0.51	0.368	0.18	—
	0.90	0.183	0.14	—
	0.57	0.180	0.17	—
	0.47	0.153	0.14	—
	0.60	0.178	0.17	—

0.48	0.161	0.13	—
0.52	0.121	0.14	—
0.75	0.204	0.18	—
0.67	0.162	0.19	—
0.52	0.127	0.15	—
[redacted]			
1.16	0.17	0.27	—
0.51	0.103	0.16	—
0.39	0.121	0.31	—
0.35	0.166	0.19	—
0.75	0.077	0.08	—
0.43	0.112	0.19	—
0.65	0.104	0.16	—
0.58	0.079	—	—
0.40	0.158	0.09	—
0.28	0.085	0.15	—
0.42	0.127	0.17	—
0.48	0.118	0.12	—
0.27	0.100	0.12	—
0.36	0.147	0.21	—
0.35	0.110	0.09	—
0.38	0.071	0.10	—
1.09	0.153	0.14	—
1.51	0.096	0.15	—
0.44	0.138	0.13	—
0.66	0.176	0.15	—
0.52	0.248	0.19	—
0.60	0.098	0.07	—
[redacted]			
0.606	0.082	0.13	0.4
0.414	0.141	0.18	1.0
0.328	0.127	0.31	2.2
0.983	0.158	0.20	1.9
0.589	0.094	0.08	12.2
0.358	0.066	0.09	14.0
0.718	0.163	0.13	7.1
0.894	—	0.15	3.0
<0.037	—	<0.01	2.9
0.589	0.22	0.19	5.8
0.630	0.17	0.16	<3.0
0.878	0.43	0.17	10.9
0.904	0.28	0.14	<3.0
0.783	0.14	0.12	<3.0
1.04	0.14	0.10	<3.0
[redacted]			
0.454	0.10	0.08	<1.1
0.514	0.08	0.09	<1.1
0.710	0.06	0.13	<1.1
0.612	0.16	0.08	8.7

	0.549		0.22		0.05		5.7
	0.373		0.13		0.08		10.6
	0.793		0.07		0.08		11.2
	0.669		0.14		0.11		2.7
	0.421		0.12		0.11		3.5
	1.07		0.10		0.09		12.7
	2.66		0.17		0.14		4.4
	0.546		0.16		0.15		6.6
	0.441		0.11		0.13		2.4
	0.630		0.17		0.16		3.0
	1.08		0.13		0.14		4.0
[redacted]							
J-QC/FFD/RPO	0.567		0.07	J-QC/FFD/RPO	0.09		4.0
	1.94	J-QC/FLS	0.08	J-QC/FFD/RPO	0.10		6.2
	0.341		0.14		0.13		3.5
	0.366		0.14	J-QC/FFB	0.12	J-QC/FFB/FFDRPO	3.0
J-QC/FFB	0.710		0.12		0.12	J-QC/FFD/RPO	4.7
	0.645	J-QC/FFB	0.10		0.09	J-QC/FFD/RPO	0.9
J-QC/FFB	0.398		0.10		0.08		1.0
	0.428		0.11		0.14		1.0
	0.643	J-QC/FFB	0.07	J-QC/FFD/RPO	0.08		3.1
	0.211		0.07		0.08		11.1
	0.545		0.16	J-QC/FFB	0.11		—
	0.320	J-QC/FFB	0.13		0.09		3.2
J-QC/FFB	1.96		0.13	J-QC/FFD/RPO	0.10		2.2
	0.308		0.16	J-QC/FFB	0.22		3.2
	0.451		0.11		0.11		1.1
	0.352		0.12		0.11		2.7
	0.643		0.16	J-QC/FFD/RPO	0.07		—
	0.474		0.14		0.13		2.4
J-QC/FFB	0.533		0.18		0.14		1.9
[redacted]							
J-QC/FFB	0.603		0.10		0.12		0.9
	0.332	J-QC/FFD/RPO	0.11		0.09		2.5
	0.644		0.10	J-QC/FLD/RPO	0.09		<1.3
	0.766		0.09		0.08		1.5
J-QC/FFB	1.69		0.11		0.11		1.5
	0.415		0.15		0.13	J-QC/FFD/RPO	4.4
J-QC/FFB	0.287		0.07		0.06	J-QC/FLS	14.7
	0.456		0.22	J-QC/FFB	0.14		3.9
	0.494		0.20	J-QC/FFB	0.12		4.8
J-QC/FFB	0.242		0.20	J-QC/FFB	0.13		2.4
J-QC/FFB	0.353		0.15		0.13		1.9
	0.213		0.11		0.11		5.0
	0.316		0.17		0.14		2.7
	0.244	J-QC/FFD/RPO	0.17		0.15		4.1
	1.09	J-QC/FFD/RPO	0.12		0.09		25.6
	0.243	J-QC/FFB	0.16		0.14		3.3
	0.439		0.20		0.14		22.1
	0.305		0.18		0.16		6.6

	0.538		0.17		0.15		<1.3
	0.627		0.12		0.10		<1.3
	0.399		0.12	J-QC/FFD/RPO	0.10	J-QC/FFD/RPO	1.8
[redacted]							
	0.6850	J-QC/FFD/RPO	0.14		0.09	J-QC/FFD/RPO	1.7
J-QC/FFB	0.5580	J-QC/FFB	0.14	J-QC/FFB	0.10		3.8
	0.7842		0.23		0.21	J-QC/FLS	<1.3
	0.9143	J-QC/FLS	0.10		0.10		1.3
	0.1509		0.11		0.11	J-QC/FFB	1.7
	0.3202		0.07		0.06		2.1
J-QC/FFB/FFDRPO	0.6135		0.07		0.08		1.5
	0.2704		0.07		0.07		1.6
	0.4400	J-QC/FFB	0.18	J-QC/FLS	0.14		2.62
	0.3147	J-QC/FLS	0.14	J-QC/FFD/RPO	0.11		1.22
	0.4803		0.06		0.07		3.3
	0.3761		0.10		0.09		2.3
J-QC/FFB	0.2279	J-QC/FFB	0.09		0.08		7.3
	0.3081		0.13		0.13	J-QC/FLS	9.62
	0.4018	J-QC/FFB	0.17		0.16		8.21
	0.4659		0.15		0.15	J-QC/FFB	1.8
	0.3065		0.09	J-QC/FLS	0.08		8.2
	0.4561		0.16	J-QC/FFB/FLDRPOFLS	0.19	J-QC/FFB	20.8
J-QC/FFB	0.3874		0.09		0.12		0.963
J-QC/FFB	0.3802		0.10		0.11		<0.913
J-QC/FFB	0.3951		0.11	J-QC/FLD/RPOFLS	0.11		2.17
J-QC/FFB	0.6138		0.11		0.11	J-QC/FFB	<0.913
J-QC/FFB	0.5304		0.10		0.13		<0.913
[redacted]							
J-QC/FFB	0.4433	J-QC/FLS	0.11		0.10		1.58
J-QC/FFB	0.5463	J-QC/FFB	0.08		0.08		7.00
J-QC/FFB	0.6384		0.08		0.06		4.30
J-QC/FFB	0.1959		0.11		0.09		3.20
J-QC/FFB	0.4852		0.12		0.10		0.526
J-QC/FFB	0.7098		0.10		0.09		1.63
J-QC/FFB	0.5279		0.11		0.09		2.31
J-QC/FFB	0.5643		0.14		0.10		2.22
J-QC/FFB	0.5655		0.14		0.09		1.98
J-QC/FFB	0.4675	J-QC/FLS	0.12		0.10		2.35
	0.4476		0.13		0.12	J-QC/FFB	5.38
	0.8125	J-QC/FLS	0.12		0.11		2.29
	0.4344		0.10		0.08		21.8
	1.0984		0.13	J-QC/FFD/RPO	0.11	J-QC/FFB	11.1
	0.4065	J-QC/FLS	0.15		0.17		2.56
	0.4934	J-QC/FLS	0.13		0.17		3.25
	0.7136	J-QC/FLS	0.14		0.15		17.4
	1.2548	J-QC/FFD/RPO	0.14		0.12		8.96
	0.5738	J-QCJ-HT/FFB/EHT	0.16		0.15		1.95
	0.4537		0.17		0.16		1.60
	0.4543		0.17	J-QC/FLS	0.15	J-QC/FFB	2.18
	0.8594	J-HT/EHT	0.19		0.17		0.89

J-QC/FFB	0.4889		0.13	J-QC/FFD/RPO	0.13	J-QC/FFD/RPO	0.54
J-QC/FFB	0.6079		0.20		0.19	J-QC/FLS	0.67
NA	—	NA	—	NA	—	NA	—
J-QC/FFB	1.0717		0.14		0.12		1.37
[redacted]							
J-QC/FFB	0.3210	[redacted]	0.10	J-QC	0.09	J-QC	1.87
J-QC/FFB	0.4640	J-QC/FLS	0.13	[redacted]	0.11	J-QC	0.982
[redacted]	0.3891	J-QC/FFB/FLS	0.13	J-QC	0.10	J-QC	6.07
J-QC/FFB	0.8492	[redacted]	0.09	J-QC/FFD/RPO	0.07	[redacted]	6.36
J-HT/EHT	0.6620	J-QC/FFB	0.73	[redacted]	0.43	J-QC	2.38
J-QC/FFB	0.8912	J-QC/FFB	0.12		0.11	[redacted]	0.352
J-QC/FFB	1.0580	[redacted]	0.12	J-QC/FLD/RPO	0.09	[redacted]	2.04
J-QC/FFB	0.5978		0.13	[redacted]	0.18	J-QCJ-HT/FFB/EHT	0.371
[redacted]	0.3069	J-HT/EHT	0.08	J-QC/FMS	0.10	[redacted]	0.528
J-QC/FFB	0.4774	[redacted]	0.06	J-QC/FLD/RPO	0.07		2.66
J-QC/FFB	0.6052		0.15	J-QC/FLD/RPO	0.12	J-QC/FLD/RPO	0.468
[redacted]	0.7973		0.14	J-QC/FFB	0.12	[redacted]	3.17
	0.4730		0.09	J-QC/FMS	0.07		4.78
J-QC/FFB	0.5640		0.11	[redacted]	0.12		2.47
J-QCJ-HT/FFB/EHT	0.6349	[redacted]	0.13	J-QC/FLD/RPOFMS	0.13	[redacted]	6.03
[redacted]	0.1217		0.12	J-QC/FFB	0.10		4.98
	0.4928	J-HT/EHT	0.14	[redacted]	0.13		2.20
J-QC/FFB	0.6595	[redacted]	0.14	J-QC	0.14	J-QC	6.49
J-QC/FFB	0.3168	J-QC/FLS	0.11	[redacted]	0.11	[redacted]	26.2
J-QC/FFB	0.2067	[redacted]	0.16		0.12		2.30
J-QC/FFB	0.5640	J-QCJ-HT/FLS/EHT	0.13		0.14	J-QC/FFB	5.54
J-QC/FFB	0.4420	[redacted]	0.12	J-QC/FLD/RPOFMS	0.11	J-QC/FFB	0.920
J-QC/FFB	0.7010	[redacted]	0.14	J-QC	0.13	J-QC	1.72
[redacted]	0.4115		0.13	[redacted]	0.11	J-QC/FFD/RPO	1.98
[redacted]							
	0.3927	J-HT	0.14		0.13		3.02
J-QC/FFB	0.7600		0.09	J-QC/FFB	0.09	J-QC/FFB	2.26
J-QC/FFB	0.4177		0.11	J-QC/FFB	0.08		2.45
J-QC/FFB	0.2671		0.15		0.13		3.67
	0.4673	J-QCJ-HT/FLS	0.08		0.07		5.07
J-QC/FFB	0.3989	J-QC/FFD/RPOFLS	0.08		0.08		1.48
	0.2343		0.13		0.11	J-QC/FFB	6.41
	0.3300		0.07		0.08		3.11
J-QC/FFB	0.4667	J-QC	0.10		0.10		3.04
J-HT	0.4261		0.08		0.07		2.58
J-QC/FFB	0.5422	J-HT	0.13		0.11		1.46
J-QC/FFB	0.5222	J-HT	0.10		0.09		3.18
J-HT	0.4682		0.11		0.10		1.63
J-QC/FFB	0.4983	J-QC/FLS	0.11		0.09		2.67
	0.3547		0.10		0.11		19.9
J-QC/FFB	0.5745	J-HT	0.18	J-QC/FFB	0.12		26.4
J-QC/FFB	0.3903		0.12		0.11		83.2
J-QC/FFB	0.3402		0.15	J-QC	0.14	J-QC	67.6
	1.0092		0.14	J-QC/FFB	0.13		12.8
J-QC/FFB	0.3274	J-HT	0.15	J-QC/FFB	0.12		40.6

J-QC/FFB	0.4459		0.16		0.14		7.05
J-QC/FFB	0.4074		0.18	J-QC	0.14	J-QC	2.32
	0.5625	J-QC/FSL	0.16	J-QC	0.13	J-QC	2.72

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	2.3	0.00	0.01
	4.7	0.00	0.11
[redacted]			
	2.8	0.00	0.35
	7.7	0.03	0.03
	20.0	0.00	0.00
	7.0	0.00	0.00
	2.0	0.00	0.24
	2.3	0.00	0.27
	3.9	0.00	0.00
	<0.5	0.31	0.31
	1.1	0.00	0.00
	5.4	0.00	0.18
	4.8	0.00	0.00
	<0.5	0.85	0.85
	1.9	0.02	0.02
	6.4	0.00	0.00
	2.8	0.00	0.45
	6.5	0.00	0.00
	2.0	0.10	0.10
	7.9	0.03	0.03
	2.9	0.00	0.00
	5.8	0.00	0.00
	2.0	0.00	0.00
	6.0	0.00	0.00
	4.2	0.00	0.00
[redacted]			
	0.5	0.00	0.01
	0.8	0.00	0.00
	<0.5	0.00	0.00
	1.1	0.09	0.24
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.12
	<0.5	0.00	0.00
	—	0.00	0.40
	<0.5	0.30	0.30
	1.5	0.00	0.46
	1.0	0.83	0.83
	2.2	0.00	0.00
	2.8	0.00	0.00
	2.2	0.00	0.07
	1.9	0.00	0.00
	2.6	0.00	0.01
	6.6	0.08	0.66
	2.5	0.00	0.00

2.0	0.00	0.05	[redacted]
2.6	0.00	0.00	
1.8	0.00	0.00	
1.7	0.00	0.00	
1.1	0.00	0.03	
[redacted]			
5.3	0.00	0.00	
4.7	0.00	0.00	
3.1	0.00	0.00	
2.1	0.00	0.00	
4.5	0.00	0.00	
4.2	0.00	0.01	
5.9	0.00	0.00	
—	0.00	0.00	
1.5	0.00	0.00	
1.8	0.00	0.00	
6.5	0.00	0.00	
6.7	0.00	0.00	
4.9	0.00	0.00	
5.5	0.00	0.00	
4.8	0.00	0.04	
<0.5	0.00	0.27	
2.3	0.35	0.35	
3.1	0.00	0.00	
3.1	0.00	0.00	
2.5	0.02	0.03	
2.1	0.00	0.00	
15.3	0.00	0.00	
[redacted]			
1.3	0.00	0.00	
2.5	0.00	0.00	
<0.5	0.02	0.14	
1.7	0.00	0.00	
0.8	0.01	0.18	
<0.5	0.32	0.74	
1.6	0.00	0.00	
<0.5	0.00	0.00	
<0.5	0.00	0.00	
5.3	0.00	0.00	
4.7	0.00	0.00	
4.5	0.00	0.00	
4.9	0.00	0.00	
4.9	0.00	0.01	
3.1	0.00	0.01	
[redacted]			
2.8	0.01	0.02	
3.3	0.02	0.10	
4.1	0.00	0.00	
5.2	0.00	0.00	

	4.0		0.00	0.00
	3.9		0.00	0.00
	3.8		0.09	0.09
J-R	3.9		0.00	0.14
J-R	4.4		0.00	0.00
	3.3		0.26	0.26
J-R	—		0.00	0.00
	3.2		0.00	0.00
J-R	4.2		0.00	0.00
J-R	3.8		0.00	0.00
J-R	3.2		0.00	0.00
[redacted]				
J-RJ-HT/EHT	3.6		0.00	0.05
	5.3	J-QC/FFD/RPO	0.00	0.00
J-R	4.8		0.00	0.00
J-R	4.0	J-QC/FFD/RPO	0.63	0.97
	5.3	J-QC/FFB/FFDRPO	0.00	0.00
J-R	5.0		0.25	0.25
J-R	9.5		0.00	0.01
J-R	3.5		0.00	0.43
	5.4		0.00	0.00
	4.6		0.00	0.00
NAPQNS	4.3	J-QC/FFB	0.00	1.44
	5.1		0.00	0.00
	5.4	J-QC/FFB	0.00	0.41
	4.0		0.00	0.00
J-R	5.3	J-QC/FFB	0.00	0.00
	4.2	J-QC/FFB	0.00	0.00
NAPQNS	4.1	J-QC/FFB	0.00	0.00
	3.4	BJ-QC/FBK/FFB	0.00	0.00
J-R	4.2	J-QC/FFB	0.00	0.00
[redacted]				
J-RJ-QC/FFD/RPO	4.40	J-QC/FFB/FFDRPO	1.22	1.22
	4.00		0.00	0.00
KJ-QC/FFD/RPO	4.34		0.00	0.03
J-R	3.71		0.00	0.00
J-R	3.30	J-QC/FFB	0.00	0.00
	3.54	J-QC/FFB/FLDRPO	0.25	0.25
J-QC/FFD/RPO	4.30	J-QC/FFB	0.00	0.02
	3.46	J-QC/FFB	0.43	0.43
	3.80	J-QC/FFB	0.00	0.00
J-R	3.20	J-QC/FFB/FFDRPO	1.69	2.78
J-RJ-QC/FFD/RPO	3.40		0.00	0.00
	1.80	J-QC/FFD/RPO	0.00	0.01
J-QC/FFD/RPO	3.50	BJ-QC/FBK/FFB	0.07	0.07
	3.70	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.80	BJ-QC/FBK/FFB	0.00	0.00
	4.50	J-QC/FFB	0.00	0.00
	3.10	J-QC/FFB	0.68	0.68
	3.70		0.00	0.09

K	2.40		0.01	0.28
K	4.50		0.00	0.15
J-R	4.40		0.00	0.00
[redacted]				
J-R	4.4		0.00	0.00
	4.3	J-QC/FFB	0.00	0.10
K	4.5		0.00	0.17
J-R	3.2		0.00	0.64
J-R	3.5	BJ-QC/FBK/FFB	0.00	0.57
	17.0	BJ-QC/FBK/FFBFFDFLDRPOFSLOUT	0.00	0.00
J-R	3.4	J-QC/FFB	0.00	0.03
J-R	2.6		0.00	0.00
	2.7		0.00	0.00
J-R	3.0	J-QC/FFD/RPO	0.00	0.49
	2.8	J-QC/FFB	0.00	0.00
	3.2	J-QC/FFB	0.00	0.00
	3.6	J-QC/FFB	0.00	0.39
J-QC/FFD/RPO	3.1	J-QC/FFB	0.00	0.28
	3.8	J-QC/FFB	0.00	1.32
J-R	3.3	J-QC/FFB	0.22	0.23
	3.5	J-QC/FFB	0.00	0.00
	5.5	J-QC/FFB/FFDRPO	1.36	5.34
J-RJ-QC/FFD/RPO	5.1	J-QC/FFB	0.04	0.04
K	3.9	J-QC/FFB	0.00	0.00
	3.1	J-QC/FFB	0.00	0.00
K	3.3		0.00	0.00
K	3.5		0.00	0.00
[redacted]				
	2.9		0.00	0.00
	3.0	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.2	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	1.1	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	1.7	J-QC/FFB	0.00	0.00
	2.1	BJ-QC/FBK/FFB	0.03	0.03
J-QC/FSL	2.3	J-QC/FFB	0.02	0.18
	1.8	J-QC/FFB	0.02	1.38
	2.1	J-QC/FFB	0.02	1.38
J-QC/FSL	2.4	J-QC/FFB	0.00	0.06
	2.0	B/FBK	0.00	0.00
	1.9	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FSL	3.3	BJ-QC/FBK/FFB	0.00	0.00
J-QC/FFD/RPO	3.3		0.00	0.00
	3.3		0.23	0.23
	3.1		0.23	0.23
	3.0	J-QC/FFD/RPO	0.00	0.05
J-QC/FFD/RPO	3.3	J-QC/FFB/FFDRPO	0.00	0.00
	2.6	J-QC/FFB	0.00	0.00
	2.0	J-QC/FFB	0.00	0.12
	1.5		0.00	0.00
	4.1	J-QC/FFB	0.00	0.00

J-QC/FFD/RPO	4.2		0.00	0.00
	3.2		0.00	0.00
NA	—	NA	0.00	0.00
J-QC/FFD/RPO	3.6	J-QC/FFB	0.14	0.14
[redacted]				
J/LLS	3.09	BJ-QC/FBK/FFB	0.00	0.00
J-QC/LLS/FFDRPO	3.44	J-QC/FFB/FFDRPO	0.00	0.02
J-QC/FFB/FFDRPO	3.32	J-QC/FFB	0.68	0.68
[redacted]	2.7	J-QC/FFD/RPO	0.00	0.00
J-QC/LLS/FFDRPO	4.1	J-QC/FFD/RPO	0.00	0.00
I-RJ-QC/LLS/FFDRPC	2.6	J-QC/FLD/RPO	0.00	0.00
[redacted]	2.2	J-QC/FFB	0.53	0.53
RJ-QC/LLS/FFBFFDRI	3.8	J-QC/FFB	0.00	0.00
J-QC/LLS/FFDRPO	2.8		0.18	0.18
J-QC/FFD/RPO	4.0	J-QC	0.00	0.14
J/LLS	3.1	J-QC	0.01	0.12
J-QC/FFB/FFDRPO	7.1		0.00	0.00
[redacted]	8.6	J-QC/FFB/FLDRPO	0.00	0.00
J-QC/FFB/FFDRPO	3.8	J-QC/FFB/FLDRPO	0.57	0.76
[redacted]	4.5	J-QC/FFB	0.00	0.00
J-QC/FFB	3.5	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	3.3		0.00	0.00
[redacted]	2.8	J-QC	0.01	0.04
	2.5		0.00	0.05
J-QC/FFB	1.3	J-QC/FFD/RPO	0.00	0.00
J-QC/FFB	2.9		0.00	0.00
J-QC/LLS/FFB	3.62	BJ-QC/FBK/FFBFLDRPOFMS	0.00	0.00
J/LLS	4.18	J-QC	0.00	0.00
J/LLS	3.86		0.00	0.00
[redacted]				
J-QC	2.4	J-QC/FMS	0.00	0.01
	5.0		0.00	0.07
	3.0		0.00	0.00
	2.7	BJ-QC/FBK/FFDRPO	0.00	0.00
	4.8	B/FBK	0.00	0.00
J-QC/LLS/FFDRPO	5.2		0.99	0.99
	3.4	J-QC/FMS	0.04	0.03
J-QC/FFD/RPO	2.8		0.00	0.00
J-QC/FFD/RPO	2.1		0.00	0.00
J-QC/FFD/RPO	1.9		0.00	0.00
J/LLS	1.3		0.00	0.73
	0.8	J-QC/FLD/RPO	0.00	0.00
J/LLS	2.3		0.00	0.28
	2.4	J-QC/FFB	0.00	0.00
J-QC/FFD/RPO	1.6		0.00	0.00
	2.6		0.00	0.00
	2.4		0.00	0.00
	1.8		0.00	0.03
	2.2		0.73	0.73
	2.5	J-QC/FLD/RPO	0.00	0.00

	3.2	J-QC/FFD/RPO	0.00	0.00
	3.7		0.00	0.47
J-QC/FFD/RPO	2.5	J-QC/FMS	0.10	0.10

Station #33 Lower Hudson River	Time	pH	Temp (^{0}C)	DO (mg/L)
2003				
December 2, 2003	11:00	—	10.1	8.27
December 16, 2003	10:15	6.00	5.5	9.15
2004				
January 6, 2004	10:40	5.60	6.3	9.74
March 2, 2004	11:10	7.90	3.7	10.63
April 7, 2004	10:50	7.74	6.1	10.05
April 20, 2004	10:55	7.56	9.5	9.80
May 4, 2004	10:50	7.58	11.5	8.25
June 2, 2004	11:00	7.29	—	—
June 8, 2004	11:10	—	—	—
June 22, 2004	10:40	7.51	19.2	7.98
June 28, 2004	11:56	7.58	—	11.06
July 6, 2004	11:22	7.49	21.0	8.24
July 20, 2004	11:26	7.60	23.4	5.70
July 27, 2004	11:45	6.92	26.4	6.03
August 3, 2004	12:00	7.39	23.71	4.45
August 10, 2004	11:03	7.60	22.09	4.54
August 17, 2004	11:20	7.03	21.97	4.31
August 24, 2004	11:42	—	23.93	3.94
August 31, 2004	11:23	7.39	23.82	7.37
September 7, 2004	10:54	7.62	22.76	5.89
September 14, 2004	11:30	—	22.84	4.88
September 21, 2004	11:00	7.18	21.76	5.54
October 7, 2004	11:20	7.67	19.62	5.49
October 26, 2004	11:43	—	14.5	7.23
November 18, 2004	11:33	7.70	10.42	8.26
2005				
March 22, 2005	10:55	—	4.20	11.55
April 12, 2005	10:20	7.52	8.00	—
April 26, 2005	10:45	7.66	7.66	9.40
May 2, 2005	10:54	—	10.05	9.77
May 10, 2005	10:59	7.72	10.84	11.39
May 17, 2005	10:51	7.64	14.20	9.66
May 23, 2005	12:15	7.63	13.50	8.21
June 1, 2005	10:13	7.41	14.83	6.73
June 7, 2005	10:48	7.44	16.42	6.85
June 16, 2005	10:19	8.13	22.43	9.70
June 30, 2005	10:36	7.29	21.47	5.19
July 5, 2005	11:11	7.38	21.36	5.38
July 12, 2005	10:43	7.38	22.59	5.49
July 20, 2005	11:57	7.38	23.97	4.81
July 26, 2005	11:33	7.25	24.88	4.41
August 1, 2005	12:33	7.34	23.02	4.54
August 10, 2005	—	—	—	—
August 15, 2005	11:03	7.45	26.01	5.50
August 24, 2005	10:40	—	24.58	4.59

August 29, 2005	11:33	—	23.91	4.62
September 13, 2005	10:41	7.51	22.92	6.56
September 21, 2005	11:33	7.50	23.49	5.51
October 5, 2005	11:46	7.46	19.80	5.72
October 19, 2005	11:18	8.22	17.65	8.22
2006				
February 2, 2006	10:12	7.28	5.56	13.04
February 15, 2006	10:21	7.21	4.74	12.17
March 1, 2006	09:55	7.89	3.76	11.89
March 29, 2006	10:38	8.00	6.56	10.13
April 10, 2006	11:26	7.96	8.37	10.49
April 26, 2006	11:05	7.55	11.43	8.81
May 4, 2006	11:14	7.46	12.70	8.92
May 10, 2006	11:10	7.72	13.12	7.89
June 21, 2006	10:23	7.33	18.77	5.60
July 10, 2006	11:15	7.42	18.07	7.74
July 26, 2006	09:53	7.10	24.26	5.29
August 2, 2006	09:40	7.47	25.60	6.19
August 7, 2006	10:07	7.38	21.96	5.93
August 17, 2006	10:40	7.29	24.13	5.06
August 21, 2006	11:27	7.37	24.09	5.30
August 31, 2006	10:50	7.48	22.79	5.96
September 5, 2006	11:10	7.34	21.19	5.44
September 20, 2006	10:15	7.43	21.35	5.11
September 27, 2006	10:21	7.30	20.23	5.53
October 19, 2006	10:10	7.46	16.81	6.80
November 1, 2006	10:56	7.80	13.03	9.93
November 29, 2006	09:58	7.97	11.11	7.88
2007				
January 11, 2007	11:57	7.52	8.78	9.01
January 24, 2007	10:20	7.91	5.03	9.48
February 21, 2007	11:53	7.93	1.61	9.68
March 21, 2007	10:41	8.41	2.51	12.93
April 3, 2007	10:17	7.94	5.55	12.42
May 2, 2007	10:30	7.37	10.09	11.98
Boat engine failure - 5/18/07				
September 6, 2007	10:01	7.67	22.69	5.96
September 13, 2007	10:17	7.22	22.68	6.32
September 26, 2007	10:14	7.64	20.91	8.74
October 4, 2007	11:35	7.29	20.95	5.03
October 17, 2007	09:49	7.40	18.98	5.34
October 31, 2007	09:50	7.07	16.48	6.23
November 28, 2007	10:21	—	9.41	10.02
December 12, 2007	10:24	—	7.17	8.69
2008				
January 10, 2008	10:28	—	4.54	10.41
February 5, 2008	10:11	7.83	4.63	10.33
March 12, 2008	10:31	7.58	4.09	11.92
May 7, 2008	10:12	7.78	13.16	8.26
May 14, 2008	09:46	7.74	12.89	7.84

June 12, 2008	11:02	7.60		20.36	7.61
June 18, 2008	10:20	7.68		19.69	7.02
June 25, 2008	10:26	7.49		21.00	6.02
July 16, 2008	09:56	7.79		20.60	5.42
August 14, 2008	10:30	7.62		22.03	5.83
August 20, 2008	09:54	7.46		23.07	5.62
September 3, 2008	10:23	7.65		22.75	7.16
September 11, 2008	10:37	7.22		22.25	4.95
September 17, 2008	10:08	7.22		21.88	4.10
October 8, 2008	10:10	—		17.68	4.14
2009					
February 4, 2009	10:45	7.29		2.44	8.36
March 5, 2009	11:06	7.54		2.72	12.67
April 27, 2009	10:34	7.54		10.53	—
May 6, 2009	10:38	7.36		11.98	—
May 21, 2009	10:24	7.71		14.35	—
June 2, 2009	10:07	7.17		16.48	—
June 17, 2009	10:37	7.41		19.30	6.07
June 25, 2009	10:03	7.41		20.03	5.65
July 9, 2009	10:19	7.50		20.60	5.91
July 16, 2009	10:40	—	NAPEFAI/EQF	19.97	5.14
July 22, 2009	10:57	—	NAPEFAI/EQF	20.23	5.11
August 5, 2009	10:04	—	NAPEFAI/EQF	22.82	4.38
August 11, 2009	10:03	—	NAPEFAI/EQF	23.92	5.33
August 20, 2009	10:00	—	NAPEFAI/EQF	23.99	—
August 26, 2009	10:12	—	NAPEFAI/EQF	25.24	—
September 3, 2009	10:04	—	NAPEFAI/EQF	22.67	—
September 23, 2009	10:43	—	NAPEFAI/EQF	20.92	—
October 14, 2009	10:41	—	NAPEFAI/EQF	16.03	—
December 7, 2009	10:24	8.24		10.01	10.40
2010					
March 22, 2010	10:58	7.68		6.21	16.81
April 14, 2010	10:00	7.58		3.79	11.24
May 5, 2010	10:33	7.64		13.20	10.02
May 11, 2010	10:37	7.53		9.54	9.77
May 17, 2010	10:12	7.62		12.45	9.44
May 27, 2010	10:15	7.62		15.63	9.62
June 7, 2010	10:22	8.02		20.72	10.05
June 22, 2010	10:27	7.70		20.43	9.50
June 30, 2010	09:57	7.48		22.81	5.67
July 14, 2010	10:54	7.76		23.14	6.34
July 21, 2010	10:13	7.52		25.34	5.07
August 5, 2010	09:54	7.65		22.26	5.01
August 12, 2010	10:05	7.44		24.09	4.52
August 18, 2010	10:00	7.30		24.02	3.93
September 1, 2010	10:15	7.57		23.52	5.39
September 9, 2010	10:22	7.77		22.27	6.01
September 16, 2010	10:18	7.61		19.98	7.11
September 23, 2010	09:30	7.48		20.46	7.01
October 5, 2010	10:50	7.47		19.28	7.90

November 18, 2010	10:15	7.72		11.44	9.56
December 9, 2010	10:35	7.61		6.04	11.10
2011					
January 4, 2011	11:07	7.78		3.35	11.03
February 9, 2011	10:30	7.44		1.59	13.05
March 8, 2011	10:15	7.34		2.87	16.62
April 14, 2011	10:36	6.94		7.84	14.70
May 5, 2011	10:33	7.10		11.63	10.05
May 12, 2011	10:30	—	NAPEFAI/EQF	10.83	9.32
May 24, 2011	10:15	7.34		15.55	7.84
June 1, 2011	10:18	7.68		16.85	11.10
June 8, 2011	10:20	7.51		17.51	9.04
June 15, 2011	10:16	7.30		18.65	6.53
June 27, 2011	10:15	7.48		20.98	6.01
July 11, 2011	10:22	7.60		22.28	5.45
July 26, 2011	10:15	7.51		21.07	4.94
August 2, 2011	10:00	7.49		24.41	4.53
August 10, 2011	10:45	7.43		24.27	4.73
August 16, 2011	10:15	7.30		24.22	5.01
August 23, 2011	10:15	7.50		21.82	5.15
September 7, 2011	10:35	7.56		21.21	5.84
September 20, 2011	10:00	7.57		19.15	5.34
September 27, 2011	10:15	7.60		20.15	5.66
October 24, 2011	10:33	7.62		15.18	6.41
November 1, 2011	10:19	7.85		12.63	9.08
December 19, 2011	10:42	7.90		9.64	9.52
2012					
January 10, 2012	10:05	7.78		7.34	9.88
February 7, 2012	10:35	7.38		6.02	9.96
March 6, 2012	10:32	7.52		5.94	13.92
April 17, 2012	10:42	7.76		12.34	9.42
May 7, 2012	09:53	7.67		13.06	13.33
May 14, 2012	10:05	7.41		13.86	7.72
May 30, 2012	10:40	7.54		18.90	6.65
June 5, 2012	10:15	7.15		19.09	4.90
June 11, 2012	10:05	—	NAPEFAI/EQF	19.83	7.63
June 19, 2012	10:05	—	NAPEFAI/EQF	21.22	6.82
July 2, 2012	10:05	—	NAPEFAI/EQF	21.10	3.79
July 10, 2012	10:10	7.92		25.16	7.71
July 17, 2012	10:12	7.71		22.05	5.56
August 1, 2012	10:01	7.48		23.78	4.72
August 7, 2012	10:15	7.45		25.68	4.85
August 14, 2012	10:09	7.56		23.25	4.32
August 21, 2012	10:15	7.36		23.88	4.42
August 29, 2012	10:15	7.42		24.23	6.39
September 13, 2012	10:10	7.56		22.12	4.49
October 17, 2012	08:45	7.44		16.43	6.82
November 19, 2012	08:35	7.69		9.87	9.88
November 20, 2012	09:20	8.01		9.80	8.76
November 21, 2012	09:21	7.61		9.65	8.88

December 6, 2012	09:03	7.68	7.85	10.14
2013				
January 9, 2013	09:09	7.85	6.19	10.75
February 5, 2013	08:49	7.64	2.85	11.70
March 11, 2013	08:44	7.38	3.86	12.33
April 4, 2013	09:00	7.80	5.81	10.39
May 6, 2013	10:26	8.04	12.38	9.57
May 14, 2013	10:02	7.98	14.62	6.74
May 22, 2013	10:00	7.77	13.42	8.62
May 30, 2013	10:00	7.60	16.33	7.77
June 5, 2013	09:55	7.69	18.45	7.71
June 18, 2013	10:05	7.84	17.23	7.41
June 25, 2013	10:07	7.87	19.67	6.86
July 9, 2013	10:45	7.68	18.05	6.03
July 16, 2013	10:20	8.04	24.47	6.32
July 23, 2013	10:30	7.83	23.57	5.37
July 31, 2013	10:07	7.87	23.70	5.82
August 6, 2013	10:15	7.63	21.43	5.50
August 20, 2013	10:40	7.98	20.99	5.51
August 27, 2013	10:40	8.41	22.95	5.81
September 4, 2013	11:36	7.68	21.94	4.98
September 9, 2013	10:35	7.46	20.37	5.05
September 25, 2013	10:58	7.50	19.12	5.97
October 1, 2013	10:35	7.53	18.51	7.12
November 21, 2013	10:40	8.55	9.09	9.06
December 3, 2013	11:53	7.65	7.71	8.73
2014				
March 4, 2014	10:15	8.15	0.67	13.48
April 10, 2014	10:36	7.51	5.05	15.80
May 6, 2014	10:25	8.60	9.56	10.92
May 14, 2014	10:26	7.76	11.50	9.61
May 21, 2014	10:40	7.42	14.39	10.52
June 3, 2014	10:37	7.72	15.13	8.51
June 12, 2014	11:45	7.41	16.48	8.02
June 24, 2014	10:04	7.75	18.25	7.98
June 30, 2014	10:15	7.81	20.57	5.98
July 7, 2014	10:33	7.89	21.02	6.24
July 16, 2014	11:08	7.42	21.42	5.32
July 22, 2014	10:12	7.63	20.08	5.86
July 29, 2014	10:20	7.95	22.16	5.73
August 5, 2014	10:08	7.73	20.58	5.70
August 11, 2014	10:25	7.46	21.36	5.51
August 19, 2014	10:15	7.75	21.71	6.44
September 4, 2014	10:52	6.43	22.05	5.51
September 10, 2014	11:00	7.54	20.84	5.62
September 16, 2014	11:30	7.46	21.99	6.06
September 23, 2014	10:45	7.54	20.87	6.65
September 29, 2014	10:37	7.36	20.65	5.84
November 25, 2014	10:43	7.75	9.78	8.69
December 1, 2014	10:27	7.59	8.62	9.68

DO (mg/L)	DO (%)	Salinity (ppth)	Secchi depth (ft)	TSS (mg/L)
[redacted]				
	82.9	5.5	—	56
	79.2	11.8	—	30
[redacted]				
	99.8	20.6	—	57
	94.0	24.9	—	26
	90.9	17.0	—	49
	95.4	15.4	—	82
	86.5	21.5	—	48
	—	—	—	26
	—	—	—	37
	86.8	—	—	32
	107.3	—	—	40
	91.8	—	—	30
	66.9	—	—	46
	68.1	—	—	30
	60.3	23.93	—	19
	60.3	25.52	—	27
	56.9	24.12	—	30
	50.5	15.18	—	23
	97.5	19.56	—	16
	78.0	23.32	—	16
	61.3	19.93	—	13
	67.5	11.48	—	23
	68.8	23.01	—	15
	77.9	15.0	—	44
	83.7	20.06	—	20
[redacted]				
	96.6	12.10	—	16
	—	5.90	—	72
	92.5	14.01	—	40
	98.2	19.45	—	150
	115.0	18.39	—	91
	102.8	15.33	—	28
	92.2	24.84	—	35
	80.1	30.22	—	85
	81.2	24.37	—	72
	122.1	14.59	—	18
	67.9	25.29	—	36
	70.3	25.13	—	22
	72.4	23.37	—	8
	67.2	29.46	—	32
	60.1	21.20	—	133
	61.4	26.24	—	20
	—	—	—	24
	74.7	17.33	—	22
	62.8	22.86	—	18

64.6	29.07	—	56
88.4	26.20	—	24
76.1	28.90	—	39
74.0	28.59	—	30
95.2	16.52	—	30
120.4	23.02	—	342
114.0	27.82	—	84
108.1	27.02	—	322
99.7	28.65	—	42
96.9	12.47	—	21
93.8	23.83	—	44
94.7	15.04	—	60
89.8	27.46	—	26
69.6	21.40	—	26
94.4	23.89	—	60
70.0	17.48	—	27
81.8	11.87	—	32
78.2	24.74	—	34
66.9	19.70	—	16
71.3	21.37	—	26
75.2	14.76	—	18
71.9	27.28	—	22
66.0	22.91	—	18
70.9	25.42	—	26
84.0	30.17	—	28
96.0	3.03	—	124
83.4	24.15	—	60
92.1	26.49	—	28
83.6	17.99	—	270
85.2	30.41	—	82
105.1	15.48	—	80
109.5	15.34	—	35
115.6	13.12	—	22
79.5	24.20	—	24
84.9	27.08	—	108
118.9	30.93	—	76
65.3	24.92	—	38
67.8	27.73	—	42
73.3	22.95	—	73
95.2	12.97	—	168
83.8	23.03	—	42
91.7	19.27	—	36
95.1	25.04	—	40
98.6	11.15	—	43
86.7	15.57	—	86
85.5	22.66	—	80

	94.8		18.06	—		29	
	88.0		22.79	—		22	
	76.0		21.28	—		32	
	70.9		25.66	—		22	
	75.9		23.12	—		22	
	72.8		18.17	—		33	
	98.7		27.97	—		43	
	66.0		27.51	—		15	
	53.2		22.18	—		16	
	52.6		31.08	—		26	
[redacted]							
	71.0		20.56	—		69	
	109.6		23.64	—		28	J-QC/FLD/RPO
NAPEFAI/EQF	—	NAPEFAI/EQF	21.11	—		60	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.05	—		25	
NAPEFAI/EQF	—	NAPEFAI/EQF	21.75	—		24	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.11	—		72	
	71.6		14.18	—		36	
	67.3		13.42	—		42	
	73.4		18.77	—		61	
	65.4		24.86	—		24	J-QC/FFD/RPO
	64.6		23.09	—		26	
	57.8		21.36	—		32	
	70.9		12.13	—		32	J-QC/FFB
NAPEFAI/EQF	—	NAPEFAI/EQF	23.96	—		98	
NAPEFAI/EQF	—	NAPEFAI/EQF	18.57	—		24	
NAPEFAI/EQF	—	NAPEFAI/EQF	22.30	—		21	
NAPEFAI/EQF	—	NAPEFAI/EQF	20.99	—		68	
NAPEFAI/EQF	—	NAPEFAI/EQF	28.04	—		25	J-QC/FFD/RPO
	106.5		23.08	—		120	J-QC/FFD/RPO
[redacted]							
	149.1		14.50	—	NA	46	
	108.4		17.89	—	NA	96	J-QC/FFD/RPO
	105.6		12.80	—	NA	50	J-QC/FFD/RPO
	101.5		20.11	—	NA	—	NAPQNS
	99.1		19.52	—	NA	44	
	110.7		23.37	—	NA	52	
	123.1		15.57	—	NA	18	
	121.6		25.44	—	NA	48	J-QC/FFD/RPO
	74.3		20.91	—	NA	56	J-QC/FFD/RPO
	83.5		23.37	—	NA	149	
	67.9		23.57	—	NA	60	
	67.0		26.31	—	NA	42	J-QC/FFB/FLDRPO
	61.4		24.44	—	NA	110	
	53.5		25.70	—	NA	52	J-QC/FFD/RPO
	72.5		23.12	—	NA	22	
	79.8		25.47	—	NA	57	
	85.6		25.65	—	NA	48	J-QC/FFD/RPO
	88.6		22.62	—	NA	52	
	93.4		15.51	—	NA	43	

100.8	22.38	—	NA	62	
96.3	11.21	—	NA	54	
[redacted]					
97.9	24.96	—	NA	60	J-QC/FFB/FFDRPO
106.7	21.05	—	NA	84	
121.5	2.95	—	NA	46	
138.6	18.43	—	NA	59	
95.9	6.09	—	NA	30	J-QC/FFD/RPO
102.7	23.74	—	NA	76	
83.5	13.78	—	NA	36	
127.6	20.02	—	NA	76	
100.5	18.73	—	NA	77	
80.1	20.11	—	NA	36	
75.4	19.40	—	NA	17	J-QC/FFD/RPO
71.1	22.60	—	NA	44	
64.5	26.10	—	NA	76	J-QC/FLD/RPO
60.6	21.09	—	NA	188	J-QC/FLD/RPO
65.1	25.66	—	NA	28	
66.9	19.51	—	NA	81	
67.8	26.90	—	NA	56	
70.8	5.68	—	NA	80	
66.2	23.31	—	NA	30	
71.7	24.39	—	NA	68	
74.0	24.39	—	NA	51	
89.4	7.13	—	NA	72	J-QC/FFB
96.4	22.30	—	NA	112	
[redacted]					
94.9	22.44	—	NA	36	
92.1	21.60	—	NA	22	
98.6	24.37	—	NA	28	
96.5	23.68	—	NA	54	
140.1	24.47	—	NA	97	
86.3	24.33	—	NA	84	J-QC/FLD/RPO
81.9	22.99	—	NA	60	
60.2	20.96	—	NA	85	
94.4	13.46	—	NA	56	J-QC/FFB
78.5	13.45	—	NA	102	
48.7	23.20	—	NA	70	
102.4	15.82	—	NA	33	J-QC/FLD/RPO
73.1	26.56	—	NA	22	J-QC/FFD/FLDRPO
64.8	26.21	—	NA	80	J-QC/FLD/RPO
67.4	23.21	—	NA	58	
59.5	29.59	—	NA	64	J-QC/FLD/RPO
59.7	23.18	—	NA	80	
87.9	25.35	—	NA	33	
60.1	27.67	—	NA	32	
81.1	24.76	—	NA	66	
98.3	18.60	—	NA	76	J-QC/FLD/RPO
88.6	21.52	—	NA	41	
89.1	20.63	—	NA	—	NA

	94.7	16.13	—	NA	66	J-QC/FLD/RPO
[redacted]						
	104.6	28.20	—	NA	62	
	99.1	19.65	—	NA	182	J-QC/FFB
	107.9	20.93	—	NA	29	
	96.1	20.47	—	NA	74	
	101.4	23.82	—	NA	72	J-QC/FFD/RPO
	74.1	21.82	—	NA	56	
	94.7	26.26	—	NA	8	
	85.3	11.93	—	NA	77	
	87.4	25.06	—	NA	61	
	89.4	28.18	—	NA	20	
	85.4	21.72	—	NA	46	
	76.2	29.49	—	NA	36	
	82.2	11.76	—	NA	64	J-QC/FLD/RPO
	75.1	30.56	—	NA	176	J-QC/FLD/RPO
	76.1	18.92	—	NA	48	
	73.9	28.34	—	NA	20	J-QC/FLD/RPO
	72.9	29.38	—	NA	26	J-QC/FLD/RPO
	75.8	20.09	—	NA	53	
	65.1	20.26	—	NA	13	J-QC
	65.8	27.57	—	NA	72	
	73.3	22.04	—	NA	55	
	87.5	27.00	—	NA	26	
	92.0	24.53	—	NA	21	
	89.6	31.35	—	NA	49	
[redacted]						
	109.4	20.52	—	NA	68	J-QC/FLD/RPO
	132.4	10.00	—	NA	62	
	108.1	18.63	—	NA	30	J-QC/FLD/RPO
	99.4	19.00	—	NA	53	
	109.2	9.49	—	NA	103	
	97.2	22.78	—	NA	45	
	94.1	23.39	—	NA	54	
	99.2	27.03	—	NA	27	J-QC/FFB
	75.1	20.30	—	NA	23	
	76.9	15.15	—	NA	32	
	67.3	19.52	—	NA	69	
	74.9	25.72	—	NA	18	
	73.4	19.43	—	NA	94	
	72.9	24.82	—	NA	32	
	73.4	28.58	—	NA	72	
	81.6	17.65	—	NA	65	J-QC/FLD/RPO
	72.1	22.74	—	NA	74	
	73.7	27.58	—	NA	117	
	73.2	22.46	—	NA	40	
	85.2	24.74	—	NA	50	
	75.2	25.22	—	NA	40	
	92.1	28.79	—	NA	68	
	96.2	22.94	—	NA	98	

TKN (mg/L)	CBOD5 (mg/L)	Ammonia-Nitrogen NH3-N (mg/L)	Nitrogen NO2-N (mg/L)
[redacted]			
1.33	<2	<0.09	0.098
0.86	<2	<0.09	0.023
[redacted]			
0.68	<2	<0.09	0.016
0.49	<2	<0.19	0.020
0.62	4	<0.19	0.024
0.40	2	<0.19	0.026
0.93	2	<0.19	0.025
0.62	2	1.00	0.040
0.84	3	<0.19	0.067
0.73	2	<0.19	0.045
0.33	<2	<0.19	0.036
1.48	3	<0.19	0.056
1.75	4	<0.19	—
1.38	7	<0.19	0.060
0.60	3	<0.19	0.056
1.88	5	<0.19	0.047
1.80	4	<0.19	0.046
2.77	<2	<0.19	0.060
1.38	3	1.76	0.058
1.01	5	<0.19	0.050
1.14	<2	<0.19	0.073
1.05	<2	<0.19	0.064
0.50	<2	<0.19	0.016
1.03	3	<0.19	0.038
0.85	<2	<0.19	0.059
[redacted]			
0.82	3	<0.19	0.020
0.60	<2	<0.19	0.035
<1.00	8	<0.19	0.035
0.97	<2	<0.19	0.051
0.87	<2	—	—
0.80	3	<0.19	0.035
0.85	5	<0.19	0.036
1.30	<2	<0.19	0.066
0.46	<2	<0.27	0.056
<1.00	<2	<0.27	0.056
0.95	<2	<0.27	0.068
0.91	5	<0.27	0.045
0.95	<2	<0.27	0.046
0.97	3	<0.27	0.055
1.63	7	<0.27	0.066
1.14	<2	<0.27	0.045
1.00	<2	<0.27	0.050
0.97	<2	<0.27	0.042
0.76	<2	<0.27	0.070

<1.00	—	<0.27	0.081
0.73	3	<0.27	0.093
0.83	<2	<0.27	0.073
0.99	6	<0.27	0.090
0.81	<2	<0.27	0.043
[redacted]			
1.82	6	<0.27	0.029
1.24	<2	<0.27	0.025
1.95	11	<0.27	0.027
1.07	7	<0.27	0.045
<1.00	5	<0.295	0.025
1.38	5	<0.295	0.053
0.71	7	<0.295	0.045
0.74	—	<0.295	0.025
1.02	6	<0.295	0.040
0.58	<2	<0.295	0.033
0.57	5	<0.295	0.043
1.50	5	0.36	0.027
1.00	—	<0.295	0.014
1.54	—	0.38	0.051
0.30	—	<0.295	0.050
<1.00	—	<0.295	0.051
<1.00	—	<0.295	0.065
<1.00	—	<0.295	0.072
0.78	—	<0.295	0.088
0.52	<2	<0.295	0.067
1.05	—	<0.295	0.016
0.93	—	<0.295	0.030
[redacted]			
0.51	—	<0.295	0.026
0.74	<2	<0.295	0.038
0.98	—	<0.295	0.025
1.49	<2	0.426	0.036
0.66	—	0.250	0.019
0.70	—	0.236	0.025
<0.30	<2	0.375	0.155
0.39	<2	0.286	<0.002
0.61	<2	0.255	0.075
0.71	<2	0.338	0.099
0.33	<2	0.373	0.106
<0.30	<2	0.330	0.098
<0.30	<2	0.467	0.053
<0.30	2	0.172	0.036
[redacted]			
1.02	<2	0.263	0.027
0.49	<2	0.392	—
0.70	<2	0.264	0.016
<0.30	<2	0.319	0.034
<0.30	<2	0.021 J-R	0.045

<0.30		<2		0.366		0.045
<0.30		<2		0.153		0.028
<0.30		<2		0.253		0.043
<0.30		<2		0.239		0.035
1.05		<2		0.099		0.031
1.34		<2		0.108		0.042
<0.30		<2		0.235		0.051
0.37		<2		0.248		0.040
0.36		<2		0.283		0.090
0.34		<2		0.297		0.080
[redacted]						
0.37	BJ-QC/FBK/FFBFLS	<2	K	0.341	J-QC/FMS	0.034
0.45	BJ-QCJ-HT/FBK/FFBEHT	<2	K	<0.018	K	0.023
0.64	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	<0.018	K	0.044
0.85	BJ-QC/FBK/FFB	<2	K	0.360		0.042
<0.30	KBJ-QC/FBK/FFBFLS	<2	K	0.219	J-QC/FMS	0.051
0.46	J-QC/FFB/FFDRPOFLS	<2	K	<0.018	K	0.052
<0.30	KJ-QC/FLS	<2	K	0.391		0.052
1.38	BJ-QC/FBK/FFB	<2	K	0.240		0.060
<0.30	KBJ-QC/FBK/FFB	<2	K	0.112		0.026
0.34	BJ-QC/FBK/FLS	<2	KJ-QC/FFD/RPOFLS	<0.018	KJ-QC/FFD/RPO	0.029
<0.30	KJ-QC/FFD/RPO	6	J-QC/FLS	0.142		0.027
0.33	BJ-QC/FBK/FFB	<2	K	0.178	J-QC/FFD/RPO	0.023
1.01	BJ-QC/FBK/FLDRPOFLS	<2	KJ-QC/FLS	0.020	J-R	0.026
0.53	BJ-QC/FBK/FFBFLS	<2	K	0.031	J-RJ-QC/FFD/RPO	0.031
1.11	BJ-QC/FBK/FFB	<2	K	0.183		0.042
0.44	BJ-QC/FBK/FFBFLDRPO	<2	KJ-QC/FLS	0.209		0.023
<1.00	KJ-QC/FLS	<2	KJ-QC/FLS	0.387		0.061
<0.30	KBJ-QC/FBK/FFBFLS	7	J-QC/FLS	0.142		0.049
0.61	BJ-QC/FBK/FFBFLS	<2	K	0.335		0.051
[redacted]						
0.35	BJ-QC/FBK/FFBFLS	<2	K	0.110		0.0222
0.50	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.116		0.0116
0.60	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.357	J-QC/FFD/RPO	0.0381
—	NAPQNS	—	NAPQNS	—	NAPQNS	—
0.60	BJ-QC/FBK/FFBFLS	<2	K	0.206		0.0512
0.69	BJ-QC/FBK/FFBFLS	<2	K	0.186		0.0364
0.65	BJ-QC/FBK/FFBFFDRPO	<2	KJ-QC/FLS	0.171	J-QC/FMS	0.0396
0.53	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.216		0.0435
0.54	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.277		0.0556
0.77	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.126	J-QC/FFD/RPO	0.0368
<0.30	KBJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.357		0.0426
0.57	BJ-QC/FBK/FFBFLS	<2	K	0.341		0.0304
0.58	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-QC/FLS	0.341		0.0415
0.54	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.419	J-QC/FSL	0.0497
0.50	BJ-QC/FBK/FFBFLS	<2	K	0.273		0.0571
0.50	BJ-QC/FBK/FFBFFDRPOFLS	4	J-QC/FFB/FLS	0.142		0.0255
0.44	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.330		0.0374
0.71	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	0.341		0.0644
0.44	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.142		0.1091

0.64	BJ-QC/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.141		0.0230
0.61	BJ-QC/FBK/FFB	<2	K	0.176		0.0248
[redacted]						
0.52	BJ-QC/FBK/FFBFLS	<2	K	0.171		0.0223
<0.30	KB-JQCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.392		0.0272
1.61	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FLS	0.183		0.0216
0.46	BJ-QC/FBK/FFBFLS	<2	K	0.304		0.0196
0.70	BJ-QC/FBK/FFB	<2	K	0.289	J-QC/FMS	0.0150
0.33	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.223	J-QC/FMS	0.0222
1.53	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.136		0.0264
0.59	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.125		0.0207
1.44	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.234		0.0362
0.72	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.299		0.0387
0.51	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.305		0.0201
0.58	BJ-QC/FBK/FFBFLS	<2	K	0.208	J-QC/FFB	0.0269
0.52	BJ-QC/FBK/FFBFLDRPOFLS	<2	K	0.294		0.0196
0.43	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.414		0.0226
1.15	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.386	J-QC/FFD/RPO	0.0410
0.54	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.191	J-QC/FFB	0.0400
0.49	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.245		0.0272
0.56	BJ-QC/FBK/FFB	<2	KJ-QC/FLS	0.240	J-QC/FMS	0.0284
0.52	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.309		0.0366
0.58	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.206		0.0382
0.92	BJ-QC/FBK/FFBFLS	<2	K	0.038	J-R	0.0261
2.31	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.201	J-QC/FSL/FMS	0.0350
0.69	BJ-QCJ-HT/FBK/FFBEHT	3		0.249	J-QC/FMS	0.0591
[redacted]						
1.10	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.164		0.0319
0.55	BJ-QCJ-HT/FBK/FFBFLSEHT	7	J-QC/FFD/RPOFLS	0.862	J-QC/FSL	0.0213
0.74	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.333	J-QC/FSL/FMS	0.0194
0.60	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.225	J-QC/FLD/RPOFMS	0.0558
0.56	BJ-QC/FBK/FFBFFDRPOFLS	<2	KJ-QC/FLS	<0.0378	KJ-QC/FSL/FMS	0.0633
0.71	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	—	A/LBF	0.0536
0.61	BJ-QC/FBK/FFBFLDRPO	<2	K	0.235	J-QC/FSL	0.0453
0.51	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.262	J-QC/FMS	0.0387
0.62	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	0.136	J-QC/FMS	0.0489
0.42	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.267		0.0288
0.62	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-QC/FLS	0.116	J-QC/FMS	0.0314
0.63	BJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FLS	0.153		0.0262
0.45	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	0.180		0.0202
0.66	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.227		0.0448
0.56	BJ-QC/FBK/FFBFLS	<2	KJ-HT/EHT	0.327		0.0475
0.69	BJ-QC/FBK/FFBFLS	<2	K	0.185		0.0380
0.33	BJ-QC/FBK/FFBFLDRPOFLS	<2	KJ-HT/EHT	0.354		0.0504
0.42	BJ-QCJ-HT/FBK/FFBFFDFLDRPOFLSEHT	<2	KJ-QC/FLS	0.280		0.0758
0.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FLS	0.174	J-QC/FSL	0.1046
0.46	BJ-QC/FBK/FFB	<2	K	0.258		0.0652
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.253	J-QC/FFB/FMS	0.0284
—	NA	<2	KJ-QCJ-HT/FLS/EHT	0.211	J-QC/FMS	0.0351
—	NA	—	NA	—	NA	—

—	NA	<2	K	0.406		0.0412
[redacted]						
—	NA	<2	K	0.406	J-QC/FMS	0.0244
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.308	J/LLS	0.0187
—	NA	<2	KJ-QCJ-HT/FMS/EHT	0.422		0.0315
—	NA	<2	K	0.154	J-QC/LLS/FMS	0.0183
—	NA	<2	KJ-QC/FMS	<0.0217	KJ-QC/FFD/RPO	0.0381
1.05	BJ-QC/FBK/FFBFLS	<2	KJ-QC/FMS	0.312	J-QC/LLS/FMS	0.0690
<0.30	KBJ-QCJ-HT/FBK/FFBEHT	<2	KJ-QC/FMS	0.460	J-QC/FSL	0.0367
1.77	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	KJ-QC/FMS	0.216	J-QC/LLS/FMS	0.0623
<0.30	KBJ-QC/FBK/FFB	<2	KJ-QC/FMS	0.675		0.0221
1.23	BJ-QC/FBK/FFB	<2	KJ-QC/FMS	<0.0217	KJ-QC/FFD/RPOFMS	0.0236
1.04	BJ-QC/FBK/FFB	<2	K	0.278	J/LLS	0.0357
0.57	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	K	<0.0911	KJ-QC/FSL	0.0210
0.57	BJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	K	<0.0911	K	0.0237
<0.30	KBJ-QCJ-HT/FBK/FFBFFDRPOFLSEHT	<2	KJ-QC/FMS	0.205	J/LLS	0.0314
0.33	BJ-QC/FBK/FFBFFDRPOFLS	<2	K	<0.0911	K	0.0313
0.56	BJ-QC/FBK/FFBFLS	<2	K	<0.0911	K	0.0301
0.45	BJ-QCJ-HT/FBK/FFBFLDRPOEHT	<2	K	0.169	J-R/LLS	0.0305
0.36	BJ-QCJ-HT/FBK/FFBFFDRPOEHT	<2	K	0.271	J/LLS	0.0345
0.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	<0.0911	K	0.0382
0.35	BJ-QCJ-HT/FBK/FFBFLDRPOFLSEHT	<2	KJ-HT/EHT	0.289	J/LLS	0.0417
1.24	BJ-QCJ-HT/FBK/FFBEHT	<2	K	0.344	J/LLS	0.0683
0.35	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.338	J-QC/LLS/FMS	0.0413
0.73	BJ-QCJ-HT/FBK/FFBFLSEHT	<2	K	0.479		0.0462
0.65	BJ-QC/FBK/FFBFFDRPO	<2	K	0.141	J-R/LLS	0.0311
[redacted]						
0.51	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0261
0.52	BJ-QC/FBK/FFB	<2	K	0.239	J/LLS	0.0116
0.54	BJ-QC/FBK/FFB	<2	KJ-HT	0.290	J-QC/LLS/FFB	0.0203
0.68	BJ-QC/FBK/FFBFMS	<2	K	0.256	J-QC/LLS/FFBFLDRPO	0.0237
1.64	BJ-QC/FBK/FFBFMS	<2	K	0.261	J-QC/LLS/FFB	0.0395
1.87	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.278	J/LLS	0.0349
0.83	BJ-QC/FBK/FFBFLDRPOFMS	<2	KJ-QC	0.159	J-QC/LLS	0.0249
0.55	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.279	J-QC/LLS/FFDRPO	0.0223
1.64	BJ-QC/FBK/FFBFLDRPOFMS	<2	K	0.028	J-RJ-QC/LLS/FSL	0.0260
0.65	BJ-QC/FBK/FFB	<2	KJ-QC	<0.0267	K	0.0220
0.67	BJ-QC/FBK/FFBFMS	<2	KJ-QC	0.206	J-QC/LLS/FFB	0.0320
0.49	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.312	J/LLS	0.0257
0.65	BJ-QC/FBK/FFBFMS	<2	KJ-HT	<0.0267	KJ-QC/FSL	0.0065
1.30	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	<0.0267	KJ-QC/FMS	0.0200
0.76	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QCJ-HT/FLS	<0.0267	KJ-QC/FSL	0.0274
0.46	BJ-QCJ-HT/FBK/FFBFLDRPOFMS	<2	KJ-QC/FLS	<0.0267	K	0.0340
0.56	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0356
0.62	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-QC/FLS	0.028	J-R/LLS	0.0424
0.78	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	K	0.0575
0.60	BJ-QCJ-HT/FBK/FFBFMS	<2	K	0.096	J/LLS	0.0572
0.86	BJ-QCJ-HT/FBK/FFBFMS	<2	K	<0.0267	KJ-QC/FSL	0.0728
0.55	BJ-QC/FBK/FFBFMS	<2	KJ-QC/FLS	0.047	J-R/LLS	0.0414
0.59	BJ-QCJ-HT/FBK/FFBFMS	<2	KJ-HT	0.069	J/LLS	0.0365

Nitrite-Nitrogen NO2-N (mg/L)	Nitrate-Nitrogen NO3-N (mg/L)	Total P (mg/L)	Ortho P (mg/L)	Chlor-a (µg/L)
	0.47	0.150	0.13	—
	0.48	0.112	0.08	—
	0.28	0.164	0.12	—
	0.17	0.098	0.07	—
	0.36	0.140	0.12	—
	0.69	0.193	0.24	—
	0.41	0.101	0.04	—
	0.36	0.122	0.14	—
	0.68	0.183	0.17	—
	0.51	0.126	0.12	—
	0.34	0.141	0.14	—
	0.78	0.130	0.14	—
	0.64	—	0.29	—
	0.45	0.167	0.18	—
	0.61	0.170	0.13	—
	0.27	0.106	0.12	—
	0.56	0.143	0.20	—
	0.52	0.156	0.15	—
	0.41	0.151	0.16	—
	0.61	0.125	0.14	—
	0.57	0.141	0.18	—
	0.46	0.177	0.18	—
	0.43	0.112	0.09	—
	0.92	0.202	0.22	—
	0.54	0.177	0.15	—
	0.70	0.088	0.09	—
	0.43	0.181	0.34	—
	0.43	0.113	0.21	—
	0.52	0.626	0.54	—
	—	—	0.34	—
	0.54	0.118	0.14	—
	0.30	0.102	0.10	—
	0.15	0.129	0.21	—
	0.44	0.212	0.21	—
	0.24	0.084	0.06	—
	0.63	0.189	0.21	—
	1.19	0.137	0.08	—
	0.72	0.135	0.16	—
	0.55	0.165	0.16	—
	0.43	0.187	0.33	—
	1.88	0.151	0.14	—
	0.47	0.194	0.16	—
	0.40	0.162	0.15	—
	0.50	0.186	0.18	—

0.37	0.177	0.14	—
0.46	0.135	0.13	—
0.60	0.167	0.21	—
0.53	0.181	0.22	—
0.35	0.114	0.14	—
0.45	0.20	0.62	—
0.36	0.182	0.44	—
0.44	0.539	1.38	—
0.26	0.147	0.12	—
0.39	0.084	0.06	—
0.65	0.103	0.21	—
0.32	0.119	0.16	—
0.43	0.079	—	—
0.27	0.158	0.09	—
0.17	0.131	0.31	—
0.32	0.130	0.16	—
0.23	0.143	0.13	—
0.21	0.099	0.10	—
0.29	0.130	0.12	—
0.40	0.166	0.09	—
0.42	0.080	0.11	—
1.07	0.146	—	—
1.64	0.121	—	—
0.39	0.139	—	—
0.38	0.147	0.13	—
0.51	0.106	0.35	—
0.43	0.174	0.14	—
0.561	0.115	0.08	—
0.680	0.470	0.32	—
0.614	0.203	0.13	—
0.525	0.266	0.26	—
0.269	0.123	0.05	—
0.281	0.064	0.07	—
0.642	0.164	0.13	—
0.624	—	0.15	—
0.406	0.16	0.16	—
0.494	0.16	0.17	—
0.444	0.20	0.17	—
0.678	0.22	0.14	—
0.546	0.15	0.13	—
0.732	0.14	<0.01	—
0.454	0.11	0.08	—
0.297	0.08	0.08	—
0.456	0.05	0.10	—
1.11	0.13	0.06	—
0.543	0.18	0.04	—

	0.443		0.15		0.10		—
	0.644		0.06		0.08		—
	0.981		0.11		0.10		—
	0.329		0.14		0.12		—
	0.690		0.10		0.09		—
	2.83		0.40		0.13		—
	0.585		0.14		0.13		—
	0.723		0.11		0.12		—
	0.843		0.17		0.15		—
	1.20		0.11		0.11		—
J-QC/FFD/RPO	0.842		0.08	J-QC/FFD/RPO	0.09		—
	1.26	J-QC/FLS	0.09	J-QC/FFD/RPO	0.09		—
	0.556		0.20		0.16		—
	0.727		0.10	J-QC/FFB	0.05	J-QC/FFB/FFDRPO	—
J-QC/FFB	1.07		0.13		0.12	J-QC/FFD/RPO	—
	0.817	J-QC/FFB	0.10		0.09	J-QC/FFD/RPO	—
J-QC/FFB	0.670		0.11		0.09		—
	0.701		0.13		0.12		—
	0.879	J-QC/FFB	0.09	J-QC/FFD/RPO	0.07		—
	0.184		0.10		0.09		—
	0.859		0.16	J-QC/FFB	0.10		—
	0.904	J-QC/FFB	0.15		0.10		—
J-QC/FFB	1.61		0.16	J-QC/FFD/RPO	0.10		—
	0.311		0.20	J-QC/FFB	0.18		—
	0.487		0.12		0.13		—
	1.15		0.11		0.10		—
	0.852		0.16	J-QC/FFD/RPO	0.06		—
	0.545		0.13		0.12		—
J-QC/FFB	0.467		0.20		0.18		—
J-QC/FFB	0.327		0.11		0.11		—
	1.21	J-QC/FFD/RPO	0.12		0.11		—
	0.422		0.12	J-QC/FLD/RPO	0.08		—
NAPQNS	—	NAPQNS	—	NAPQNS	—	NAPQNS	—
J-QC/FFB	1.70		0.13		0.12		—
	0.999		0.12		0.11	J-QC/FFD/RPO	—
J-QC/FFB	0.289		0.09		0.09	J-QC/FLS	—
	0.266		0.17	J-QC/FFB	0.11		—
	0.248		0.15	J-QC/FFB	0.11		—
J-QC/FFB	0.289		0.20	J-QC/FFB	0.13		—
J-QC/FFB	0.178		0.14		0.12		—
	0.239		0.12		0.12		—
	0.279		0.18		0.15		—
	0.246	J-QC/FFD/RPO	0.17		0.15		—
	0.781	J-QC/FFD/RPO	0.14		0.12		—
	0.220	J-QC/FFB	0.17		0.12		—
	0.327		0.17		0.12		—
	0.336		0.17		0.15		—
	0.602		0.20		0.15		—

	0.609		0.12		0.09		—
	0.390		0.12	J-QC/FFD/RPO	0.12	J-QC/FFD/RPO	—
[redacted]							
	0.5330	J-QC/FFD/RPO	0.07		0.05	J-QC/FFD/RPO	—
J-QC/FFB	0.9220	J-QC/FFB	0.23	J-QC/FFB	0.08		—
	0.7676		0.19		0.19	J-QC/FLS	—
	1.0954	J-QC/FLS	0.09		0.07		—
	0.1230		0.10		0.10	J-QC/FFB	—
	0.2202		0.06		0.06		—
J-QC/FFB/FFDRPO	0.7250		0.09		0.09		—
	0.1653		0.06		0.05		—
	0.5358	J-QC/FFB	0.16	J-QC/FLS	0.14		—
	0.2078	J-QC/FLS	0.12	J-QC/FFD/RPO	0.13		—
	0.2703		0.07		0.08		—
	0.2224		0.10		0.08		—
J-QC/FFB	0.3793	J-QC/FFB	0.10		0.09		—
	0.4860		0.17		0.17	J-QC/FLS	—
	0.2647	J-QC/FFB	0.14		0.13		—
	0.3743		0.15		0.15	J-QC/FFB	—
	0.1593		0.11	J-QC/FLS	0.09		—
	0.1927		0.11	J-QC/FFB/FLDRPOFLS	0.11	J-QC/FFB	—
J-QC/FFB	0.2325		0.08		0.09		—
J-QC/FFB	0.2634		0.08		0.09		—
J-QC/FFB	0.3134		0.10	J-QC/FLD/RPOFLS	0.09		—
J-QC/FFB	0.6080		0.16		0.11	J-QC/FFB	—
J-QC/FFB	0.5488		0.10		0.31		—
[redacted]							
J-QC/FFB	1.4301	J-QC/FLS	0.09		0.08		—
J-QC/FFB	0.4285	J-QC/FFB	0.07		0.06		—
J-QC/FFB	0.5015		0.07		0.05		—
J-QC/FFB	0.2172		0.11		0.10		—
J-QC/FFB	0.4191		0.10		0.08		—
J-QC/FFB	0.5312		0.10		0.09		—
J-QC/FFB	0.5147		0.11		0.09		—
J-QC/FFB	0.4362		0.13		0.08		—
J-QC/FFB	0.2846	J-QC/FLS	0.13		0.10		—
	0.2967		0.12		0.10	J-QC/FFB	—
	0.6470	J-QC/FLS	0.11		0.10		—
	0.4508		0.12		0.12		—
	1.0708		0.12	J-QC/FFD/RPO	0.10	J-QC/FFB	—
	0.2965	J-QC/FLS	0.15		0.17		—
	0.6777	J-QC/FLS	0.15		0.15		—
	1.0246	J-QC/FFD/RPO	0.15		0.12		—
	0.4803	J-QCJ-HT/FFB/EHT	0.14		0.17		—
	0.3281		0.17		0.14		—
	0.3383		0.15	J-QC/FLS	0.13	J-QC/FFB	—
	0.7254	J-HT/EHT	0.17		0.16		—
J-QC/FFB	0.5312		0.12	J-QC/FFD/RPO	0.12	J-QC/FFD/RPO	—
J-QC/FFB	0.5138		0.20		0.18	J-QC/FLS	—
NA	—	NA	—	NA	—	NA	—

J-QC/FFB	1.0877		0.15		0.12		—
[redacted]							
J-QC/FFB	0.2309	[redacted]	0.09	J-QC	0.08	J-QC	—
J-QC/FFB	0.3033	J-QC/FLS	0.09	[redacted]	0.07	J-QC	—
[redacted]	0.6141	J-QC/FFB/FLS	0.15	J-QC	0.12	J-QC	—
J-QC/FFB	0.9942	[redacted]	0.08	J-QC/FFD/RPO	0.07	[redacted]	—
J-HT/EHT	0.5553	J-QC/FFB	0.23	[redacted]	0.14	J-QC	—
J-QC/FFB	1.0322	J-QC/FFB	0.12	[redacted]	0.12	[redacted]	—
J-QC/FFB	0.9213	[redacted]	0.12	J-QC/FLD/RPO	0.08	[redacted]	—
J-QC/FFB	0.6163	[redacted]	0.16	[redacted]	0.16	J-QCJ-HT/FFB/EHT	—
[redacted]	0.1934	J-HT/EHT	0.06	J-QC/FMS	0.06	[redacted]	—
J-QC/FFB	0.2758	[redacted]	0.06	J-QC/FLD/RPO	0.07	[redacted]	—
J-QC/FFB	0.4389	[redacted]	0.15	J-QC/FLD/RPO	0.10	J-QC/FLD/RPO	—
[redacted]	0.5708	[redacted]	0.11	J-QC/FFB	0.09	[redacted]	—
[redacted]	0.2298	[redacted]	0.11	J-QC/FMS	0.09	[redacted]	—
J-QC/FFB	0.4939	[redacted]	0.10	[redacted]	0.10	[redacted]	—
J-QCJ-HT/FFB/EHT	0.3859	[redacted]	0.12	J-QC/FLD/RPOFMS	0.11	[redacted]	—
[redacted]	0.0345	J/LLS	0.11	J-QC/FFB	0.10	[redacted]	—
[redacted]	0.2756	J-HT/EHT	0.14	[redacted]	0.11	[redacted]	—
J-QC/FFB	0.5830	[redacted]	0.14	J-QC	0.14	J-QC	—
J-QC/FFB	0.2467	J-QC/FLS	0.11	[redacted]	0.11	[redacted]	—
J-QC/FFB	0.2721	[redacted]	0.15	[redacted]	0.12	[redacted]	—
J-QC/FFB	0.5668	J-QCJ-HT/FLS/EHT	0.13	[redacted]	0.13	J-QC/FFB	—
J-QC/FFB	0.2544	[redacted]	0.10	J-QC/FLD/RPOFMS	0.09	J-QC/FFB	—
J-QC/FFB	0.4971	[redacted]	0.16	J-QC	0.14	J-QC	—
[redacted]	0.3366	[redacted]	0.11	[redacted]	0.09	J-QC/FFD/RPO	—
[redacted]							
	0.2058	J-HT/EHT	0.09		0.08		—
J-QC/FFB	0.1378		0.07	J-QC/FFB	0.06	J-QC/FFB	—
J-QC/FFB	0.2549		0.11	J-QC/FFB	0.07		—
J-QC/FFB	0.2111		0.10		0.08		—
	0.2859	J-QCJ-HT/FLS	0.11		0.11		—
J-QC/FFB	0.4118	J-QC/FFD/RPOFLS	0.08		0.08		—
	0.1738		0.11		0.10	J-QC/FFB	—
	0.1428		0.06		0.07		—
J-QC/FFB	0.4167	J-QC	0.10		0.09		—
J-HT	0.3320		0.08		0.07		—
J-QC/FFB	0.5146	J-HT	0.12		0.12		—
J-QC/FFB	0.2746	J-HT	0.10		0.09		—
J-HT/LLS	0.2349		0.12		0.10		—
J-QC/FFB	0.4427	J-QC/FLS	0.10		0.11		—
	0.2404		0.10		0.11		—
J-QC/FFB	0.2894	J-HT	0.21	J-QC/FFB	0.12		—
J-QC/FFB	0.2613		0.13		0.12		—
J-QC/FFB	0.3309		0.14	J-QC	0.13	J-QC	—
	0.4682		0.15	J-QC/FFB	0.13		—
J-QC/FFB	0.2307	J-HT	0.15	J-QC/FFB	0.12		—
J-QC/FFB	0.3893		0.17		0.15		—
J-QC/FFB	0.2913		0.18	J-QC	0.15	J-QC	—
	0.4783	J-QC/FSL	0.16	J-QC	0.13	J-QC	—

Chlor-a (µg/L)	DOC (mg/L)	24 hr Precipitation (in)	48 hr Precipitation (in)
[redacted]			
	<0.5	0.00	0.01
	4.1	0.00	0.11
[redacted]			
	0.6	0.00	0.35
	17.0	0.03	0.03
	20.0	0.00	0.00
	9.0	0.00	0.00
	2.0	0.00	0.24
	3.1	0.00	0.27
	0.9	0.00	0.00
	11.1	0.31	0.31
	0.8	0.00	0.00
	<0.5	0.00	0.18
	4.3	0.00	0.00
	<0.5	0.85	0.85
	<0.5	0.02	0.02
	2.2	0.00	0.00
	3.3	0.00	0.45
	11.3	0.00	0.00
	3.2	0.10	0.10
	<0.5	0.03	0.03
	5.6	0.00	0.00
	5.9	0.00	0.00
	<0.5	0.00	0.00
	6.0	0.00	0.00
	3.8	0.00	0.00
[redacted]			
	0.7	0.00	0.01
	0.6	0.00	0.00
	<0.5	0.00	0.00
	0.6	0.09	0.24
	<0.5	0.00	0.00
	<0.5	0.00	0.00
	<0.5	0.00	0.12
	0.9	0.00	0.00
	—	0.00	0.40
	<0.5	0.30	0.30
	1.3	0.00	0.46
	0.6	0.83	0.83
	1.7	0.00	0.00
	2.9	0.00	0.00
	2.5	0.00	0.07
	1.2	0.00	0.00
	6.4	0.00	0.01
	2.2	0.08	0.66
	2.7	0.00	0.00

1.7	0.00	0.05	[redacted]
1.3	0.00	0.00	
1.9	0.00	0.00	
1.8	0.00	0.00	
4.1	0.00	0.03	
[redacted]			
5.6	0.00	0.00	
5.3	0.00	0.00	
3.0	0.00	0.00	
2.1	0.00	0.00	
2.9	0.00	0.00	
3.4	0.00	0.01	
22.7	0.00	0.00	
—	0.00	0.00	
1.4	0.00	0.00	
0.7	0.00	0.00	
5.1	0.00	0.00	
5.7	0.00	0.00	
4.3	0.00	0.00	
4.8	0.00	0.00	
4.7	0.00	0.04	
<0.5	0.00	0.27	
—	0.35	0.35	
—	0.00	0.00	
—	0.00	0.00	
1.2	0.02	0.03	
2.2	0.00	0.00	
7.8	0.00	0.00	
[redacted]			
0.6	0.00	0.00	
1.1	0.00	0.00	
0.6	0.02	0.14	
1.5	0.00	0.00	
0.6	0.01	0.18	
<0.5	0.32	0.74	
0.9	0.00	0.00	
<0.5	0.00	0.00	
5.3	0.00	0.00	
4.8	0.00	0.00	
4.4	0.00	0.00	
5.1	0.00	0.00	
5.1	0.00	0.01	
2.1	0.00	0.01	
[redacted]			
1.8	0.01	0.02	
1.4	0.02	0.10	
2.5	0.00	0.00	
3.2	0.00	0.00	
2.8	0.00	0.00	

	3.7		0.00	0.00
	3.8		0.09	0.09
	3.3		0.00	0.14
	4.1		0.00	0.00
	2.4		0.26	0.26
	—		0.00	0.00
	2.5		0.00	0.00
	3.1		0.00	0.00
	2.8		0.00	0.00
	2.3		0.00	0.00
	3.2		0.00	0.05
	3.7	J-QC/FFD/RPO	0.00	0.00
	4.4		0.00	0.00
	3.5	J-QC/FFD/RPO	0.63	0.97
	4.2	J-QC/FFB/FFDRPO	0.00	0.00
	5.0		0.25	0.25
	9.4		0.00	0.01
	3.1		0.00	0.43
	4.2		0.00	0.00
	4.2		0.00	0.00
	3.9	J-QC/FFB	0.00	1.44
	3.8		0.00	0.00
	5.4	J-QC/FFB	0.00	0.41
	3.8		0.00	0.00
	3.9	J-QC/FFB	0.00	0.00
	3.6	J-QC/FFB	0.00	0.00
	3.4	J-QC/FFB	0.00	0.00
	3.2	BJ-QC/FBK/FFB	0.00	0.00
	4.1	J-QC/FFB	0.00	0.00
NA	29.40	J-QC/FFB/FFDRPOOUT	1.22	1.22
NA	3.50		0.00	0.00
NA	3.41		0.00	0.03
NA	—	NAPQNS	0.00	0.00
NA	3.20	J-QC/FFB	0.00	0.00
NA	3.38	J-QC/FFB/FLDRPO	0.25	0.25
NA	3.61	J-QC/FFB	0.00	0.02
NA	3.37	J-QC/FFB	0.43	0.43
NA	3.70	J-QC/FFB	0.00	0.00
NA	3.10	J-QC/FFB/FFDRPO	1.69	2.78
NA	2.60		0.00	0.00
NA	1.40	J-QC/FFD/RPO	0.00	0.01
NA	3.40	BJ-QC/FBK/FFB	0.07	0.07
NA	3.10	J-QC/FFB	0.00	0.00
NA	2.90	BJ-QC/FBK/FFB	0.00	0.00
NA	3.50	J-QC/FFB	0.00	0.00
NA	2.80	J-QC/FFB	0.68	0.68
NA	3.10		0.00	0.09
NA	2.50		0.01	0.28

NA	3.80		0.00	0.15
NA	4.30		0.00	0.00
[redacted]				
NA	3.5		0.00	0.00
NA	4.1	J-QC/FFB	0.00	0.10
NA	4.1		0.00	0.17
NA	2.2		0.00	0.64
NA	2.5	BJ-QC/FBK/FFB	0.00	0.57
NA	20.7	BJ-QC/FBK/FFBFFDFLDRPOFSLOUT	0.00	0.00
NA	3.0	J-QC/FFB	0.00	0.03
NA	1.6		0.00	0.00
NA	2.7		0.00	0.00
NA	2.5	J-QC/FFD/RPO	0.00	0.49
NA	2.7	J-QC/FFB	0.00	0.00
NA	3.0	J-QC/FFB	0.00	0.00
NA	3.3	J-QC/FFB	0.00	0.39
NA	2.9	J-QC/FFB	0.00	0.28
NA	3.6	J-QC/FFB	0.00	1.32
NA	3.0	J-QC/FFB	0.22	0.23
NA	2.6	J-QC/FFB	0.00	0.00
NA	5.1	J-QC/FFB/FFDRPO	1.36	5.34
NA	3.7	J-QC/FFB	0.04	0.04
NA	3.6	J-QC/FFB	0.00	0.00
NA	2.6	J-QC/FFB	0.00	0.00
NA	3.3		0.00	0.00
NA	2.9		0.00	0.00
[redacted]				
NA	2.6		0.00	0.00
NA	2.9	J-QC/FFB	0.00	0.00
NA	2.8	BJ-QC/FBK/FFB	0.00	0.00
NA	1.0	J-QC/FFB	0.00	0.00
NA	1.6	J-QC/FFB	0.00	0.00
NA	1.2	BJ-QC/FBK/FFB	0.03	0.03
NA	2.0	J-QC/FFB	0.02	0.18
NA	1.5	J-QC/FFB	0.02	1.38
NA	1.8	J-QC/FFB	0.00	0.06
NA	1.6	B/FBK	0.00	0.00
NA	1.6	BJ-QC/FBK/FFB	0.00	0.00
NA	2.5	BJ-QC/FBK/FFB	0.00	0.00
NA	3.1		0.00	0.00
NA	3.3		0.23	0.23
NA	2.1	J-QC/FFD/RPO	0.00	0.05
NA	2.7	J-QC/FFB/FFDRPO	0.00	0.00
NA	1.9	J-QC/FFB	0.00	0.00
NA	1.6	J-QC/FFB	0.00	0.12
NA	1.3		0.00	0.00
NA	3.6	J-QC/FFB	0.00	0.00
NA	3.8		0.00	0.00
NA	2.9		0.00	0.00
NA	—	NA	0.00	0.00

NA	2.7	J-QC/FFB	0.14	0.14
[redacted]				
NA	2.11	BJ-QC/FBK/FFB	0.00	0.00
NA	7.80	J-QC/FFB/FFDRPO	0.00	0.02
NA	3.06	J-QC/FFB	0.68	0.68
NA	2.2	J-QC/FFD/RPO	0.00	0.00
NA	3.9	J-QC/FFD/RPO	0.00	0.00
NA	2.4	J-QC/FLD/RPO	0.00	0.00
NA	2.0	J-QC/FFB	0.53	0.53
NA	3.9	J-QC/FFB	0.00	0.00
NA	2.4		0.18	0.18
NA	2.2	J-QC	0.00	0.14
NA	2.9	J-QC	0.01	0.12
NA	7.0		0.00	0.00
NA	3.5	J-QC/FFB/FLDRPO	0.00	0.00
NA	2.9	J-QC/FFB/FLDRPO	0.57	0.76
NA	2.8	J-QC/FFB	0.00	0.00
NA	3.0	J-QC/FFB	0.00	0.00
NA	2.5		0.00	0.00
NA	2.1	J-QC	0.01	0.04
NA	1.5		0.00	0.05
NA	2.1	J-QC/FFD/RPO	0.00	0.00
NA	2.0		0.00	0.00
NA	3.09	BJ-QC/FBK/FFBFLDRPOFMS	0.00	0.00
NA	3.08	J-QC	0.00	0.00
NA	2.89		0.00	0.00
[redacted]				
NA	1.3	J-QC/FMS	0.00	0.01
NA	1.8		0.00	0.07
NA	2.6		0.00	0.00
NA	2.2	BJ-QC/FBK/FFDRPO	0.00	0.00
NA	4.7	B/FBK	0.00	0.00
NA	5.1		0.99	0.99
NA	2.8	J-QC/FMS	0.04	0.03
NA	2.1		0.00	0.00
NA	2.1		0.00	0.00
NA	1.8		0.00	0.00
NA	0.6		0.00	0.73
NA	1.1	J-QC/FLD/RPO	0.00	0.00
NA	1.0		0.00	0.28
NA	2.4	J-QC/FFB	0.00	0.00
NA	0.7		0.00	0.00
NA	1.4		0.00	0.00
NA	1.2		0.00	0.00
NA	0.9		0.00	0.03
NA	2.3		0.73	0.73
NA	2.7	J-QC/FLD/RPO	0.00	0.00
NA	2.6	J-QC/FFD/RPO	0.00	0.00
NA	3.2		0.00	0.47
NA	1.9	J-QC/FMS	0.10	0.10

[redacted]