

Appendix 5-6: Water Year 2008 Dissolved Oxygen Data for STA-1E, STA-1W, STA-2, STA-3/4 and STA-5 and Site-Specific Alternative Criteria Estimates

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Table 1. Measured biweekly dissolved oxygen (DO) concentrations, calculated site-specific alternative criteria (SSAC) lower limits, and residual DO concentration differences for the outflow station at Stormwater Treatment Area (STA) 1 East during Water Year 2008 (WY2008) (May 1, 2007–April 30, 2008).

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
S-362	05/03/2007 11:30	7.99	3.59	4.40
S-362	05/10/2007 10:35	7.28	3.48	3.80
S-362	05/17/2007 11:30	7.75	3.82	3.93
S-362	05/24/2007 11:25	7.87	3.87	4.00
S-362	05/31/2007 10:40	8.04	3.45	4.59
S-362	06/07/2007 12:05	7.44	4.02	3.42
S-362	06/14/2007 11:00	7.72	3.10	4.62
S-362	06/21/2007 11:15	7.22	3.24	3.98
S-362	06/28/2007 13:15	4.09	4.33	-0.24
S-362	07/03/2007 11:00	7.20	3.03	4.17
S-362	07/12/2007 10:20	7.58	2.38	5.20
S-362	07/19/2007 11:45	3.75	3.35	0.40
S-362	07/26/2007 11:35	5.17	3.48	1.69
S-362	08/02/2007 11:10	4.38	3.26	1.12
S-362	08/09/2007 12:05	5.25	3.39	1.86
S-362	08/15/2007 11:55	1.14	3.58	-2.44
S-362	08/22/2007 11:15	3.35	3.20	0.15
S-362	08/30/2007 10:55	4.65	2.97	1.68
S-362	09/06/2007 10:50	3.26	3.05	0.21
S-362	09/13/2007 11:40	4.83	3.55	1.28
S-362	09/20/2007 11:55	4.46	3.86	0.60
S-362	09/27/2007 11:50	5.58	3.94	1.64
S-362	10/04/2007 09:30	11.50	2.49	9.01
S-362	10/11/2007 11:00	2.01	3.37	-1.36
S-362	10/17/2007 11:20	2.40	3.89	-1.49
S-362	10/25/2007 12:35	3.11	4.34	-1.23
S-362	11/01/2007 12:30	4.87	4.53	0.34
S-362	11/08/2007 12:40	4.47	4.73	-0.26
S-362	11/15/2007 11:35	3.97	4.11	-0.14
S-362	11/20/2007 11:00	7.19	3.87	3.32
S-362	11/29/2007 12:35	6.15	4.25	1.90
S-362	12/05/2007 12:00	5.80	3.98	1.82
S-362	12/12/2007 11:55	5.97	3.91	2.06
S-362	12/20/2007 11:00	7.91	4.24	3.67
S-362	01/03/2008 12:45	7.48	5.41	2.07
S-362	01/10/2008 12:05	8.08	4.76	3.32
S-362	01/17/2008 12:15	7.05	4.93	2.12
S-362	01/24/2008 12:00	7.12	4.45	2.67
S-362	01/31/2008 11:25	7.48	4.38	3.10
S-362	02/07/2008 11:10	6.56	3.77	2.79
S-362	02/14/2008 12:25	6.80	4.96	1.84

Table 1. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
S-362	02/28/2008 12:00	7.11	4.64	2.47
S-362	03/05/2008 13:40	6.41	4.88	1.53
S-362	03/13/2008 11:35	6.02	4.75	1.27
S-362	03/20/2008 13:50	7.63	5.43	2.20
S-362	03/27/2008 11:35	8.87	4.88	3.99
S-362	04/03/2008 10:50	4.88	3.59	1.29
S-362	04/10/2008 11:40	8.26	3.98	4.28
S-362	04/17/2008 11:40	8.01	5.16	2.85
S-362	04/24/2008 11:45	7.96	4.22	3.74

Table 2. Measured biweekly DO concentrations, calculated SSAC lower limits, and residual DO concentration differences for outflow stations at STA-1 West during WY2008.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-251	05/03/2007 09:50	0.40	3.14	-2.74
G-251	05/10/2007 09:05	0.38	3.00	-2.62
G-251	05/17/2007 09:20	6.47	2.86	3.61
G-251	05/24/2007 09:25	3.58	3.00	0.58
G-251	05/31/2007 09:05	3.50	2.83	0.67
G-251	06/07/2007 09:30	0.75	2.83	-2.08
G-251	06/14/2007 09:05	3.87	2.41	1.46
G-251	06/21/2007 09:15	2.00	2.40	-0.40
G-251	06/28/2007 10:40	1.08	3.21	-2.13
G-251	07/03/2007 09:00	2.40	2.16	0.24
G-251	07/12/2007 08:40	3.54	2.10	1.44
G-251	07/19/2007 09:50	0.75	2.68	-1.93
G-251	07/26/2007 09:25	1.64	2.60	-0.96
G-251	08/02/2007 09:00	0.48	2.37	-1.89
G-251	08/09/2007 09:50	2.24	2.51	-0.27
G-251	08/15/2007 09:40	0.84	2.51	-1.67
G-251	08/22/2007 09:20	2.66	2.31	0.35
G-251	08/30/2007 09:20	2.39	2.32	0.07
G-251	09/06/2007 09:10	3.29	2.23	1.06
G-251	09/13/2007 09:40	1.14	2.72	-1.58
G-251	09/20/2007 10:10	0.87	3.02	-2.15
G-251	09/27/2007 10:20	1.49	3.25	-1.76
G-251	10/04/2007 11:15	10.80	3.53	7.27
G-251	10/11/2007 09:15	1.46	2.60	-1.14
G-251	10/17/2007 09:10	1.04	2.68	-1.64
G-251	10/25/2007 10:00	0.82	3.06	-2.24
G-251	11/01/2007 10:15	1.24	3.29	-2.05
G-251	11/08/2007 10:10	1.04	3.41	-2.37
G-251	11/15/2007 09:25	0.73	3.10	-2.37
G-251	11/20/2007 09:15	0.30	3.22	-2.92
G-251	11/29/2007 10:05	0.67	3.14	-2.47
G-251	12/05/2007 10:00	0.35	3.29	-2.94
G-251	12/20/2007 09:20	0.37	3.60	-3.23
G-251	12/27/2007 08:50	1.51	3.00	-1.49
G-251	01/03/2008 09:45	1.80	4.19	-2.39
G-251	01/17/2008 10:00	0.51	3.93	-3.42
G-251	01/24/2008 09:50	1.44	3.50	-2.06
G-251	01/31/2008 09:30	0.53	3.71	-3.18
G-251	02/07/2008 09:30	0.34	3.06	-2.72
G-251	02/14/2008 10:40	0.86	3.89	-3.03
G-251	02/21/2008 10:00	0.51	3.32	-2.81

Table 2. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-251	03/05/2008 10:35	5.50	3.55	1.95
G-251	03/13/2008 09:40	1.92	3.82	-1.90
G-251	03/20/2008 10:15	0.37	3.76	-3.39
G-251	03/27/2008 09:45	0.78	3.99	-3.21
G-251	04/03/2008 09:20	3.10	3.05	0.05
G-251	04/10/2008 09:30	2.15	2.92	-0.77
G-251	04/17/2008 09:50	1.90	4.05	-2.15
G-251	04/24/2008 10:00	3.20	3.30	-0.10
G-310	05/03/2007 09:35	1.08	3.00	-1.92
G-310	05/10/2007 08:50	0.38	2.87	-2.49
G-310	05/17/2007 09:05	2.95	2.67	0.28
G-310	05/24/2007 09:00	2.78	2.60	0.18
G-310	05/31/2007 08:50	5.39	2.54	2.85
G-310	06/07/2007 09:05	1.31	2.72	-1.41
G-310	06/14/2007 08:45	5.27	2.12	3.15
G-310	06/21/2007 09:00	3.80	2.15	1.65
G-310	06/28/2007 10:25	3.07	2.81	0.26
G-310	07/03/2007 08:45	4.10	1.89	2.21
G-310	07/12/2007 08:30	0.87	1.91	-1.04
G-310	07/19/2007 08:50	1.72	1.91	-0.19
G-310	07/26/2007 08:57	1.83	2.14	-0.31
G-310	08/02/2007 08:45	3.35	2.05	1.30
G-310	08/09/2007 09:20	3.17	1.95	1.22
G-310	08/15/2007 09:15	2.54	1.99	0.55
G-310	08/22/2007 09:00	6.25	1.85	4.40
G-310	08/30/2007 09:05	3.57	2.01	1.56
G-310	09/06/2007 08:50	5.39	1.87	3.52
G-310	09/13/2007 09:20	2.16	2.31	-0.15
G-310	09/20/2007 09:40	5.12	2.54	2.58
G-310	09/27/2007 09:55	4.61	2.99	1.62
G-310	10/04/2007 10:45	11.50	3.12	8.38
G-310	10/11/2007 08:55	3.27	2.28	0.99
G-310	10/17/2007 08:50	4.15	2.27	1.88
G-310	10/25/2007 09:30	1.96	2.72	-0.76
G-310	11/01/2007 09:40	4.89	3.05	1.84
G-310	11/08/2007 09:50	6.28	3.00	3.28
G-310	11/15/2007 09:10	4.10	2.73	1.37
G-310	11/20/2007 08:55	4.50	2.79	1.71
G-310	11/29/2007 09:45	4.27	2.78	1.49
G-310	12/05/2007 09:35	3.57	2.79	0.78
G-310	12/20/2007 08:55	5.94	3.51	2.43

Table 2. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-310	12/27/2007 08:35	6.87	2.71	4.16
G-310	01/03/2008 09:20	6.04	3.64	2.40
G-310	01/10/2008 09:25	7.30	3.41	3.89
G-310	01/17/2008 09:35	6.38	3.66	2.72
G-310	01/24/2008 09:35	7.03	3.33	3.70
G-310	01/31/2008 09:15	5.22	3.43	1.79
G-310	02/07/2008 09:05	3.59	3.05	0.54
G-310	02/14/2008 09:45	9.03	3.45	5.58
G-310	02/21/2008 09:30	5.52	2.91	2.61
G-310	02/28/2008 09:40	4.01	3.28	0.73
G-310	03/05/2008 10:00	5.14	3.45	1.69
G-310	03/13/2008 09:15	7.26	3.64	3.62
G-310	03/20/2008 09:45	6.35	3.38	2.97
G-310	03/27/2008 09:20	7.46	3.83	3.63
G-310	04/03/2008 09:05	5.80	3.04	2.76
G-310	04/10/2008 09:10	6.64	2.79	3.85
G-310	04/17/2008 09:35	4.76	3.50	1.26
G-310	04/24/2008 09:35	7.93	3.00	4.93

Table 3. Measured biweekly DO concentrations, calculated SSAC lower limits, and residual DO concentration differences for the outflow station at STA-2 during WY2008.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-335	05/02/2007 09:20	5.74	2.88	2.86
G-335	05/09/2007 09:00	4.69	2.72	1.97
G-335	05/16/2007 09:15	2.73	2.84	-0.11
G-335	05/23/2007 09:05	1.71	2.88	-1.17
G-335	05/30/2007 09:10	2.84	2.94	-0.10
G-335	06/06/2007 09:30	4.98	2.52	2.46
G-335	06/13/2007 09:10	3.95	2.43	1.52
G-335	06/20/2007 09:25	3.12	2.48	0.64
G-335	06/27/2007 09:20	3.46	2.28	1.18
G-335	07/03/2007 08:20	4.81	1.90	2.91
G-335	07/11/2007 09:10	3.94	2.25	1.69
G-335	07/18/2007 09:45	1.80	2.38	-0.58
G-335	07/25/2007 09:10	2.73	2.29	0.44
G-335	08/01/2007 09:30	4.41	2.34	2.07
G-335	08/15/2007 08:50	2.24	2.17	0.07
G-335	08/22/2007 09:00	4.74	2.13	2.61
G-335	08/29/2007 09:20	3.10	2.37	0.73
G-335	09/05/2007 09:20	5.49	2.10	3.39
G-335	09/12/2007 09:15	3.81	2.37	1.44
G-335	09/19/2007 09:00	3.29	2.48	0.81
G-335	09/26/2007 09:20	2.60	2.70	-0.10
G-335	10/03/2007 09:10	3.08	2.58	0.50
G-335	10/10/2007 10:10	3.31	2.90	0.41
G-335	10/17/2007 09:40	3.15	2.89	0.26
G-335	10/24/2007 09:30	3.08	2.64	0.44
G-335	11/14/2007 08:55	3.69	2.97	0.72
G-335	11/21/2007 09:25	4.20	3.14	1.06
G-335	11/28/2007 09:05	4.73	2.78	1.95
G-335	12/05/2007 08:55	4.63	2.66	1.97
G-335	12/12/2007 09:15	3.92	2.83	1.09
G-335	12/19/2007 09:15	5.00	3.23	1.77
G-335	12/27/2007 09:15	4.33	3.01	1.32
G-335	01/02/2008 08:55	5.11	2.90	2.21
G-335	01/09/2008 09:35	6.03	3.79	2.24
G-335	01/16/2008 11:15	4.73	4.29	0.44
G-335	01/23/2008 09:10	5.24	3.19	2.05
G-335	01/30/2008 09:00	5.54	3.39	2.15
G-335	02/06/2008 09:25	6.07	3.08	2.99
G-335	02/13/2008 09:40	5.95	3.27	2.68
G-335	02/20/2008 09:30	5.42	2.90	2.52
G-335	02/27/2008 09:45	3.91	2.72	1.19

Table 3. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-335	03/12/2008 09:30	4.56	3.74	0.82
G-335	03/19/2008 08:55	5.11	3.07	2.04
G-335	03/26/2008 09:25	7.47	3.91	3.56
G-335	04/02/2008 09:45	5.10	3.19	1.91
G-335	04/09/2008 10:35	2.65	3.75	-1.10
G-335	04/16/2008 09:25	3.55	3.70	-0.15
G-335	04/23/2008 10:00	6.11	3.34	2.77
G-335	04/30/2008 08:55	5.39	2.70	2.69

Table 4. Measured biweekly DO concentrations, calculated SSAC lower limits, and residual DO concentration differences for outflow stations at STA-3/4 during WY2008.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-376B	05/07/2007 09:15	2.17	2.54	-0.37
G-376B	05/14/2007 10:00	3.54	2.93	0.61
G-376B	05/21/2007 09:20	4.06	2.70	1.36
G-376B	05/29/2007 09:15	4.36	2.74	1.62
G-376B	06/04/2007 09:45	5.11	2.82	2.29
G-376B	06/11/2007 09:45	3.76	2.69	1.07
G-376B	06/18/2007 10:15	2.15	2.93	-0.78
G-376B	06/25/2007 09:15	1.32	2.59	-1.27
G-376B	07/02/2007 09:20	2.34	2.31	0.03
G-376B	07/09/2007 09:10	1.16	2.31	-1.15
G-376B	07/16/2007 09:35	1.72	2.38	-0.66
G-376B	07/23/2007 09:05	1.78	2.45	-0.67
G-376B	07/30/2007 09:55	1.09	2.58	-1.49
G-376B	08/06/2007 09:30	1.05	3.42	-2.37
G-376B	08/13/2007 08:50	2.30	1.94	0.36
G-376B	08/20/2007 09:15	3.42	2.17	1.25
G-376B	08/27/2007 09:20	2.23	2.32	-0.09
G-376B	09/04/2007 09:00	1.13	2.09	-0.96
G-376B	09/10/2007 08:50	2.08	2.15	-0.07
G-376B	09/17/2007 09:45	1.24	2.58	-1.34
G-376B	09/24/2007 09:00	1.15	2.64	-1.49
G-376B	10/01/2007 09:20	4.21	2.72	1.49
G-376B	10/08/2007 09:15	1.28	2.48	-1.20
G-376B	10/15/2007 09:20	3.23	2.61	0.62
G-376B	10/22/2007 09:05	0.44	2.48	-2.04
G-376B	10/29/2007 09:30	3.04	2.81	0.23
G-376B	11/05/2007 09:25	4.84	2.92	1.92
G-376B	11/13/2007 09:40	5.11	3.19	1.92
G-376B	11/19/2007 09:50	4.02	3.54	0.48
G-376B	11/26/2007 09:40	3.29	3.01	0.28
G-376B	12/03/2007 09:40	2.65	2.85	-0.20
G-376B	12/10/2007 09:25	2.83	2.96	-0.13
G-376B	12/17/2007 09:40	4.10	3.32	0.78
G-376B	12/26/2007 10:00	5.27	3.32	1.95
G-376B	12/31/2007 09:15	4.50	2.76	1.74
G-376B	01/07/2008 09:00	7.71	3.83	3.88
G-376B	01/14/2008 09:15	3.62	3.10	0.52
G-376B	01/22/2008 10:05	5.47	3.82	1.65
G-376B	01/28/2008 09:05	2.52	3.60	-1.08
G-376B	02/04/2008 09:40	3.40	3.40	0.00
G-376B	02/11/2008 09:30	6.50	3.22	3.28

Table 4. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-376B	02/25/2008 10:00	4.32	2.70	1.62
G-376B	03/03/2008 10:25	6.76	3.64	3.12
G-376B	03/10/2008 09:35	2.26	4.09	-1.83
G-376B	03/17/2008 09:25	5.47	2.69	2.78
G-376B	03/31/2008 09:25	6.21	2.98	3.23
G-376B	04/07/2008 10:15	5.52	3.57	1.95
G-376B	04/14/2008 09:00	2.74	2.82	-0.08
G-376B	04/21/2008 09:40	5.17	3.32	1.85
G-376B	04/28/2008 09:15	4.16	2.78	1.38
G-376E	05/07/2007 09:45	2.31	3.08	-0.77
G-376E	05/14/2007 10:20	3.24	3.30	-0.06
G-376E	05/21/2007 09:45	4.26	2.85	1.41
G-376E	05/29/2007 09:40	4.06	2.92	1.14
G-376E	06/04/2007 10:10	3.17	3.11	0.06
G-376E	06/11/2007 10:30	4.55	2.86	1.69
G-376E	06/18/2007 10:40	1.91	3.11	-1.20
G-376E	06/25/2007 09:45	2.56	2.69	-0.13
G-376E	07/02/2007 09:45	1.75	2.46	-0.71
G-376E	07/09/2007 10:00	1.23	2.74	-1.51
G-376E	07/16/2007 10:05	2.08	2.59	-0.51
G-376E	07/23/2007 09:30	1.76	2.81	-1.05
G-376E	07/30/2007 10:25	0.71	2.83	-2.12
G-376E	08/06/2007 09:55	1.59	2.46	-0.87
G-376E	08/13/2007 09:20	2.35	2.12	0.23
G-376E	08/20/2007 09:40	3.07	2.32	0.75
G-376E	08/27/2007 09:40	2.57	2.38	0.19
G-376E	09/04/2007 09:25	1.60	2.23	-0.63
G-376E	09/10/2007 09:15	2.72	2.31	0.41
G-376E	09/17/2007 10:20	2.14	2.87	-0.73
G-376E	09/24/2007 09:25	1.57	2.80	-1.23
G-376E	10/01/2007 09:50	3.45	3.10	0.35
G-376E	10/08/2007 09:40	1.69	2.67	-0.98
G-376E	10/15/2007 09:50	4.82	2.94	1.88
G-376E	10/22/2007 09:30	1.20	2.73	-1.53
G-376E	10/29/2007 09:55	3.23	3.05	0.18
G-376E	11/05/2007 10:10	6.78	3.27	3.51
G-376E	11/13/2007 10:10	6.34	3.30	3.04
G-376E	11/19/2007 10:15	5.51	3.56	1.95
G-376E	11/26/2007 10:05	3.61	3.07	0.54
G-376E	12/03/2007 10:00	2.94	2.83	0.11
G-376E	12/10/2007 09:40	2.48	2.84	-0.36

Table 4. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-376E	12/17/2007 10:00	4.13	3.44	0.69
G-376E	12/26/2007 10:45	4.37	3.61	0.76
G-376E	12/31/2007 09:30	4.46	2.78	1.68
G-376E	01/07/2008 09:30	7.22	3.65	3.57
G-376E	01/14/2008 09:40	2.47	3.19	-0.72
G-376E	01/22/2008 10:30	4.59	4.07	0.52
G-376E	01/28/2008 09:30	3.10	3.71	-0.61
G-376E	02/04/2008 10:10	2.90	3.34	-0.44
G-376E	02/11/2008 09:50	6.71	3.33	3.38
G-376E	02/19/2008 10:25	4.73	3.10	1.63
G-376E	02/25/2008 10:35	3.31	2.95	0.36
G-376E	03/03/2008 11:15	6.72	3.93	2.79
G-376E	03/10/2008 10:15	3.72	4.51	-0.79
G-376E	03/17/2008 10:00	5.02	3.04	1.98
G-376E	03/31/2008 10:00	5.84	3.17	2.67
G-376E	04/07/2008 10:40	5.35	3.74	1.61
G-376E	04/14/2008 09:30	3.71	3.17	0.54
G-376E	04/21/2008 10:15	5.31	3.62	1.69
G-376E	04/28/2008 09:40	4.46	2.91	1.55
G-379B	05/07/2007 10:10	4.45	3.31	1.14
G-379B	05/14/2007 10:40	2.85	3.48	-0.63
G-379B	05/21/2007 10:00	6.02	2.97	3.05
G-379B	05/29/2007 10:00	6.11	2.87	3.24
G-379B	06/04/2007 10:30	5.29	3.05	2.24
G-379B	06/11/2007 11:00	4.47	3.10	1.37
G-379B	06/18/2007 10:55	4.44	3.24	1.20
G-379B	06/25/2007 10:10	3.85	2.66	1.19
G-379B	07/02/2007 10:00	2.31	2.63	-0.32
G-379B	07/09/2007 10:40	2.69	2.88	-0.19
G-379B	07/16/2007 10:30	2.16	2.86	-0.70
G-379B	07/23/2007 10:00	1.48	2.78	-1.30
G-379B	07/30/2007 10:50	1.54	3.02	-1.48
G-379B	08/06/2007 10:20	1.37	2.57	-1.20
G-379B	08/13/2007 09:45	4.63	2.27	2.36
G-379B	08/20/2007 10:35	4.67	2.82	1.85
G-379B	08/27/2007 10:00	1.59	2.59	-1.00
G-379B	09/04/2007 09:50	1.98	2.42	-0.44
G-379B	09/10/2007 09:40	2.80	2.50	0.30
G-379B	09/17/2007 10:50	3.41	2.94	0.47
G-379B	09/24/2007 09:45	2.75	2.81	-0.06
G-379B	10/01/2007 10:15	5.83	3.17	2.66

Table 4. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-379B	10/08/2007 10:15	2.31	3.06	-0.75
G-379B	10/15/2007 10:15	4.86	3.14	1.72
G-379B	10/22/2007 10:10	2.61	2.93	-0.32
G-379B	10/29/2007 10:20	4.28	3.31	0.97
G-379B	11/05/2007 10:35	5.86	3.41	2.45
G-379B	11/13/2007 10:40	6.45	3.63	2.82
G-379B	11/19/2007 10:30	5.84	3.66	2.18
G-379B	11/26/2007 10:20	3.24	3.27	-0.03
G-379B	12/03/2007 10:30	1.24	3.14	-1.90
G-379B	12/10/2007 09:55	3.36	3.04	0.32
G-379B	12/17/2007 10:25	4.93	3.83	1.10
G-379B	12/26/2007 11:25	4.87	4.03	0.84
G-379B	12/31/2007 09:45	3.75	3.01	0.74
G-379B	01/07/2008 09:55	8.56	4.10	4.46
G-379B	01/14/2008 09:55	4.65	3.40	1.25
G-379B	01/22/2008 10:50	5.91	4.15	1.76
G-379B	01/28/2008 09:50	3.51	4.07	-0.56
G-379B	02/04/2008 10:40	3.23	3.59	-0.36
G-379B	02/11/2008 10:10	6.39	3.74	2.65
G-379B	02/19/2008 10:55	4.99	3.64	1.35
G-379B	02/25/2008 11:15	4.05	3.45	0.60
G-379B	03/03/2008 11:45	9.05	4.12	4.93
G-379B	03/10/2008 10:40	7.41	4.90	2.51
G-379B	03/17/2008 10:40	6.07	3.50	2.57
G-379B	03/31/2008 10:30	7.34	3.44	3.90
G-379B	04/07/2008 11:00	5.83	4.05	1.78
G-379B	04/14/2008 09:55	4.13	3.43	0.70
G-379B	04/21/2008 10:50	8.21	3.73	4.48
G-379B	04/28/2008 10:00	4.04	3.16	0.88
G-379D	05/07/2007 10:25	2.94	3.22	-0.28
G-379D	05/14/2007 11:00	2.88	3.71	-0.83
G-379D	05/21/2007 10:20	5.34	3.40	1.94
G-379D	05/29/2007 10:15	5.61	3.14	2.47
G-379D	06/04/2007 10:50	5.24	3.32	1.92
G-379D	06/11/2007 11:35	3.44	3.33	0.11
G-379D	06/18/2007 11:10	4.36	3.38	0.98
G-379D	06/25/2007 10:35	2.39	2.97	-0.58
G-379D	07/02/2007 10:15	1.48	2.78	-1.30
G-379D	07/09/2007 11:00	2.36	2.96	-0.60
G-379D	07/16/2007 11:05	3.43	3.20	0.23
G-379D	07/23/2007 10:20	4.06	3.00	1.06

Table 4. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-379D	07/30/2007 11:20	1.14	3.31	-2.17
G-379D	08/06/2007 10:50	2.53	2.81	-0.28
G-379D	08/13/2007 10:10	4.91	2.44	2.47
G-379D	08/20/2007 11:00	4.29	3.00	1.29
G-379D	08/27/2007 10:20	3.34	2.71	0.63
G-379D	09/04/2007 10:15	0.45	2.62	-2.17
G-379D	09/10/2007 10:00	3.44	2.63	0.81
G-379D	09/17/2007 11:15	5.08	3.17	1.91
G-379D	09/24/2007 10:05	4.07	2.96	1.11
G-379D	10/01/2007 10:45	6.37	3.48	2.89
G-379D	10/08/2007 10:35	2.63	3.20	-0.57
G-379D	10/15/2007 10:30	5.97	3.29	2.68
G-379D	10/22/2007 10:30	4.21	3.02	1.19
G-379D	10/29/2007 10:50	6.07	3.44	2.63
G-379D	11/05/2007 10:55	6.21	3.63	2.58
G-379D	11/13/2007 11:00	7.61	3.60	4.01
G-379D	11/19/2007 11:05	6.86	3.95	2.91
G-379D	11/26/2007 10:50	4.38	3.42	0.96
G-379D	12/03/2007 10:50	4.38	3.17	1.21
G-379D	12/10/2007 10:15	6.32	3.11	3.21
G-379D	12/17/2007 10:40	4.69	3.80	0.89
G-379D	12/26/2007 12:00	4.43	4.39	0.04
G-379D	12/31/2007 10:05	5.60	2.99	2.61
G-379D	01/07/2008 10:15	8.49	4.00	4.49
G-379D	01/14/2008 10:20	4.38	3.49	0.89
G-379D	01/22/2008 11:10	5.51	4.40	1.11
G-379D	01/28/2008 10:15	4.23	4.00	0.23
G-379D	02/04/2008 11:15	5.30	3.62	1.68
G-379D	02/11/2008 10:30	4.11	3.70	0.41
G-379D	02/19/2008 11:30	4.63	3.88	0.75
G-379D	02/25/2008 11:45	3.56	3.72	-0.16
G-379D	03/03/2008 12:15	9.41	4.45	4.96
G-379D	03/10/2008 11:15	6.38	5.10	1.28
G-379D	03/17/2008 11:05	5.81	8.49	-2.68
G-379D	03/31/2008 11:00	8.48	3.78	4.70
G-379D	04/07/2008 11:25	5.25	4.15	1.10
G-379D	04/14/2008 10:25	5.23	3.54	1.69
G-379D	04/21/2008 11:10	6.68	4.05	2.63
G-379D	04/28/2008 10:25	7.03	3.26	3.77
G-381B	05/07/2007 10:50	2.74	3.51	-0.77
G-381B	05/14/2007 11:20	4.02	3.73	0.29

Table 4. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-381B	05/21/2007 10:40	5.26	3.29	1.97
G-381B	05/29/2007 10:40	5.22	3.37	1.85
G-381B	06/04/2007 11:15	5.43	3.61	1.82
G-381B	06/11/2007 12:30	3.70	3.90	-0.20
G-381B	06/18/2007 11:40	4.35	3.62	0.73
G-381B	06/25/2007 11:10	4.81	3.00	1.81
G-381B	07/02/2007 10:40	2.74	2.79	-0.05
G-381B	07/09/2007 11:30	3.92	3.15	0.77
G-381B	07/16/2007 11:40	4.31	3.30	1.01
G-381B	07/23/2007 10:50	2.91	3.05	-0.14
G-381B	07/30/2007 11:45	3.40	3.48	-0.08
G-381B	08/06/2007 11:25	4.43	3.05	1.38
G-381B	08/13/2007 10:40	6.34	2.59	3.75
G-381B	08/20/2007 11:25	5.71	3.22	2.49
G-381B	08/27/2007 10:45	5.95	2.98	2.97
G-381B	09/04/2007 10:40	5.64	2.72	2.92
G-381B	09/10/2007 10:25	4.46	2.81	1.65
G-381B	09/17/2007 12:10	5.33	3.58	1.75
G-381B	09/24/2007 10:35	2.53	3.28	-0.75
G-381B	10/01/2007 11:20	3.76	3.94	-0.18
G-381B	10/08/2007 11:05	3.28	3.40	-0.12
G-381B	10/15/2007 11:00	7.19	3.55	3.64
G-381B	10/22/2007 11:00	2.29	3.44	-1.15
G-381B	10/29/2007 11:15	4.51	3.82	0.69
G-381B	11/05/2007 11:20	8.42	3.81	4.61
G-381B	11/13/2007 11:25	8.47	3.87	4.60
G-381B	11/19/2007 11:25	8.26	4.11	4.15
G-381B	11/26/2007 11:05	4.17	3.64	0.53
G-381B	12/03/2007 11:20	4.92	3.43	1.49
G-381B	12/10/2007 10:50	7.83	3.41	4.42
G-381B	12/17/2007 11:05	6.22	4.20	2.02
G-381B	12/26/2007 12:40	0.03	4.66	-4.63
G-381B	12/31/2007 10:30	5.94	3.26	2.68
G-381B	01/07/2008 10:45	11.10	4.23	6.87
G-381B	01/14/2008 10:55	6.20	3.81	2.39
G-381B	01/22/2008 11:25	8.36	4.46	3.90
G-381B	01/28/2008 10:40	6.24	4.29	1.95
G-381B	02/04/2008 11:45	6.57	4.03	2.54
G-381B	02/11/2008 10:50	6.51	3.82	2.69
G-381B	02/19/2008 12:25	5.52	4.40	1.12
G-381B	02/25/2008 12:15	5.47	3.85	1.62

Table 4. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-381B	03/03/2008 12:50	10.10	4.77	5.33
G-381B	03/10/2008 11:50	7.37	4.99	2.38
G-381B	03/17/2008 12:00	7.31	4.14	3.17
G-381B	03/31/2008 11:30	6.97	3.94	3.03
G-381B	04/07/2008 12:30	6.11	4.61	1.50
G-381B	04/14/2008 11:00	5.26	3.68	1.58
G-381B	04/21/2008 11:50	7.78	4.10	3.68
G-381B	04/28/2008 10:55	5.31	3.44	1.87
G-381E	05/07/2007 11:10	3.32	3.52	-0.20
G-381E	05/14/2007 11:40	3.92	4.02	-0.10
G-381E	05/21/2007 11:00	5.87	3.44	2.43
G-381E	05/29/2007 10:55	6.36	3.46	2.90
G-381E	06/04/2007 11:35	5.99	3.70	2.29
G-381E	06/11/2007 13:05	4.98	4.03	0.95
G-381E	06/18/2007 11:55	4.09	3.47	0.62
G-381E	06/25/2007 11:45	4.63	3.16	1.47
G-381E	07/02/2007 11:00	2.72	3.04	-0.32
G-381E	07/09/2007 11:45	3.55	3.34	0.21
G-381E	07/16/2007 12:00	3.38	3.67	-0.29
G-381E	07/23/2007 11:15	4.14	3.28	0.86
G-381E	07/30/2007 12:10	2.96	3.57	-0.61
G-381E	08/06/2007 11:50	6.40	3.10	3.30
G-381E	08/13/2007 11:10	3.19	3.08	0.11
G-381E	08/20/2007 12:00	4.75	3.50	1.25
G-381E	08/27/2007 11:10	4.27	3.21	1.06
G-381E	09/04/2007 11:05	4.69	2.99	1.70
G-381E	09/10/2007 10:50	4.60	3.04	1.56
G-381E	09/17/2007 12:40	5.83	3.70	2.13
G-381E	09/24/2007 11:00	2.55	3.46	-0.91
G-381E	10/01/2007 11:45	3.59	4.13	-0.54
G-381E	10/08/2007 11:30	4.32	3.56	0.76
G-381E	10/15/2007 11:25	5.71	3.72	1.99
G-381E	10/22/2007 11:20	3.40	3.56	-0.16
G-381E	10/29/2007 11:40	3.68	4.01	-0.33
G-381E	11/05/2007 11:50	6.68	4.21	2.47
G-381E	11/13/2007 11:45	7.48	4.00	3.48
G-381E	11/19/2007 11:45	7.29	4.18	3.11
G-381E	11/26/2007 11:30	4.65	3.76	0.89
G-381E	12/03/2007 11:40	5.17	3.53	1.64
G-381E	12/10/2007 11:10	5.74	3.60	2.14
G-381E	12/17/2007 11:25	5.82	4.24	1.58

Table 4. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-381E	12/26/2007 13:10	0.34	4.79	-4.45
G-381E	12/31/2007 10:45	5.18	3.28	1.90
G-381E	01/07/2008 11:15	10.00	4.63	5.37
G-381E	01/14/2008 11:15	6.06	3.94	2.12
G-381E	01/22/2008 11:40	7.02	4.69	2.33
G-381E	01/28/2008 11:05	4.38	4.46	-0.08
G-381E	02/04/2008 12:20	5.51	4.26	1.25
G-381E	02/11/2008 11:10	4.84	3.99	0.85
G-381E	02/19/2008 13:00	4.65	4.67	-0.02
G-381E	02/25/2008 13:00	8.19	4.06	4.13
G-381E	03/03/2008 13:20	8.36	4.91	3.45
G-381E	03/10/2008 12:25	6.49	5.12	1.37
G-381E	03/17/2008 12:40	7.43	4.48	2.95
G-381E	03/31/2008 12:00	5.80	4.14	1.66
G-381E	04/07/2008 13:00	6.52	4.64	1.88
G-381E	04/14/2008 11:30	6.22	3.95	2.27
G-381E	04/21/2008 12:15	6.87	4.38	2.49
G-381E	04/28/2008 11:20	5.07	3.70	1.37

Table 5. Measured biweekly DO concentrations, calculated SSAC lower limits, and residual DO concentration differences for outflow stations at STA-5 during WY2008.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-344A	05/02/2007 09:35	1.59	2.98	-1.39
G-344A	05/10/2007 09:40	3.67	3.46	0.21
G-344A	05/17/2007 09:50	2.31	3.15	-0.84
G-344A	05/24/2007 09:40	0.85	3.43	-2.58
G-344A	06/07/2007 10:20	5.94	3.14	2.80
G-344A	06/14/2007 09:25	1.91	2.63	-0.72
G-344A	06/20/2007 09:00	2.38	2.21	0.17
G-344A	06/27/2007 09:10	3.31	2.22	1.09
G-344A	07/05/2007 09:10	0.32	2.68	-2.36
G-344A	07/11/2007 09:20	1.81	2.11	-0.30
G-344A	07/19/2007 09:25	2.50	2.41	0.09
G-344A	07/25/2007 09:30	7.70	2.37	5.33
G-344A	08/02/2007 09:35	3.31	2.46	0.85
G-344A	08/08/2007 10:57	3.51	3.00	0.51
G-344A	08/16/2007 09:10	3.41	2.43	0.98
G-344A	08/22/2007 09:30	1.86	2.58	-0.72
G-344A	08/29/2007 09:00	1.93	2.34	-0.41
G-344A	09/05/2007 11:12	5.44	3.11	2.33
G-344A	09/12/2007 11:12	4.08	3.42	0.66
G-344A	09/18/2007 11:18	2.27	3.58	-1.31
G-344A	09/26/2007 11:49	4.37	4.12	0.25
G-344A	10/03/2007 10:20	3.73	3.43	0.30
G-344A	10/10/2007 10:13	2.64	3.25	-0.61
G-344A	10/16/2007 09:24	3.14	3.25	-0.11
G-344A	10/24/2007 09:52	2.89	3.07	-0.18
G-344A	10/31/2007 09:28	3.60	3.25	0.35
G-344A	11/06/2007 09:18	5.19	3.53	1.66
G-344A	11/13/2007 09:17	7.04	3.64	3.40
G-344A	11/19/2007 10:05	7.99	4.17	3.82
G-344A	11/28/2007 09:19	3.45	2.94	0.51
G-344A	12/04/2007 10:12	2.47	3.28	-0.81
G-344A	12/10/2007 09:27	3.79	3.32	0.47
G-344A	12/19/2007 09:41	6.28	3.91	2.37
G-344A	12/26/2007 09:58	5.49	3.52	1.97
G-344A	01/02/2008 10:39	5.89	4.74	1.15
G-344A	01/08/2008 09:20	7.07	3.80	3.27
G-344A	01/16/2008 09:57	7.13	4.61	2.52
G-344A	01/23/2008 09:37	4.95	3.46	1.49
G-344A	01/30/2008 10:07	3.94	3.82	0.12
G-344A	02/06/2008 10:14	1.03	3.26	-2.23
G-344A	02/13/2008 09:38	4.81	3.66	1.15

Table 5. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-344A	02/27/2008 11:01	7.33	3.73	3.60
G-344A	03/05/2008 10:10	4.64	3.14	1.50
G-344A	03/12/2008 10:16	5.05	3.92	1.13
G-344A	03/20/2008 10:05	4.51	3.66	0.85
G-344A	03/27/2008 09:47	6.62	4.25	2.37
G-344A	04/03/2008 10:04	4.40	3.26	1.14
G-344A	04/09/2008 09:52	4.99	3.30	1.69
G-344A	04/17/2008 10:20	8.49	4.43	4.06
G-344A	04/23/2008 10:37	6.51	3.91	2.60
G-344B	05/02/2007 09:55	4.73	3.05	1.68
G-344B	05/10/2007 10:00	4.34	3.69	0.65
G-344B	05/17/2007 10:10	2.16	3.39	-1.23
G-344B	05/24/2007 10:05	1.18	3.40	-2.22
G-344B	06/07/2007 10:40	3.94	3.43	0.51
G-344B	06/14/2007 09:45	3.78	2.89	0.89
G-344B	06/20/2007 09:20	3.30	2.27	1.03
G-344B	06/27/2007 09:40	3.14	2.41	0.73
G-344B	07/05/2007 09:25	0.92	2.60	-1.68
G-344B	07/11/2007 09:35	1.14	2.40	-1.26
G-344B	07/19/2007 10:00	2.63	2.61	0.02
G-344B	07/25/2007 09:45	5.59	2.44	3.15
G-344B	08/02/2007 10:15	3.05	2.72	0.33
G-344B	08/08/2007 11:12	4.39	2.87	1.52
G-344B	08/16/2007 09:20	3.68	2.50	1.18
G-344B	08/22/2007 09:57	2.31	2.64	-0.33
G-344B	08/29/2007 09:18	3.53	2.26	1.27
G-344B	09/05/2007 10:57	3.58	3.06	0.52
G-344B	09/12/2007 11:27	4.58	3.48	1.10
G-344B	09/18/2007 11:34	3.68	3.56	0.12
G-344B	09/26/2007 12:13	5.08	4.20	0.88
G-344B	10/03/2007 10:42	6.52	3.32	3.20
G-344B	10/10/2007 10:32	5.04	3.22	1.82
G-344B	10/16/2007 10:05	7.00	3.36	3.64
G-344B	10/24/2007 10:17	1.90	3.02	-1.12
G-344B	10/31/2007 09:58	5.69	3.29	2.40
G-344B	11/06/2007 09:57	8.67	3.57	5.10
G-344B	11/13/2007 09:32	8.04	3.47	4.57
G-344B	11/19/2007 10:26	8.27	4.00	4.27
G-344B	11/28/2007 09:35	7.11	2.65	4.46
G-344B	12/04/2007 10:55	6.94	3.41	3.53
G-344B	12/10/2007 09:52	6.04	3.23	2.81

Table 5. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-344B	12/19/2007 09:57	9.72	4.68	5.04
G-344B	12/26/2007 10:12	6.18	3.52	2.66
G-344B	01/08/2008 10:24	6.76	3.92	2.84
G-344B	01/16/2008 10:16	6.85	4.89	1.96
G-344B	01/23/2008 09:58	5.23	3.69	1.54
G-344B	01/30/2008 10:26	4.07	4.18	-0.11
G-344B	02/06/2008 10:36	2.05	3.40	-1.35
G-344B	02/13/2008 10:00	4.58	3.75	0.83
G-344B	02/20/2008 11:03	6.78	4.45	2.33
G-344B	02/27/2008 10:49	7.57	3.78	3.79
G-344B	03/05/2008 10:42	4.23	3.39	0.84
G-344B	03/12/2008 10:36	5.48	4.10	1.38
G-344B	03/20/2008 10:23	5.56	3.76	1.80
G-344B	03/27/2008 10:05	7.64	4.51	3.13
G-344B	04/03/2008 10:26	5.10	3.47	1.63
G-344B	04/09/2008 10:13	5.42	3.50	1.92
G-344B	04/17/2008 10:51	7.90	5.09	2.81
G-344B	04/23/2008 11:02	6.23	3.98	2.25
G-344C	05/02/2007 10:15	1.18	3.22	-2.04
G-344C	05/10/2007 10:15	5.26	3.47	1.79
G-344C	05/17/2007 10:25	3.37	3.38	-0.01
G-344C	05/24/2007 10:20	4.04	3.35	0.69
G-344C	06/07/2007 10:55	2.84	3.50	-0.66
G-344C	06/14/2007 10:00	2.53	2.87	-0.34
G-344C	06/20/2007 09:45	1.94	2.51	-0.57
G-344C	06/27/2007 09:55	2.45	2.41	0.04
G-344C	07/05/2007 09:35	1.67	2.46	-0.79
G-344C	07/11/2007 09:45	2.12	2.32	-0.20
G-344C	07/19/2007 10:20	1.26	2.77	-1.51
G-344C	07/25/2007 09:55	0.81	2.68	-1.87
G-344C	08/02/2007 10:45	2.52	2.91	-0.39
G-344C	08/08/2007 11:31	1.49	3.15	-1.66
G-344C	08/16/2007 09:33	2.32	2.44	-0.12
G-344C	08/22/2007 10:15	2.75	2.74	0.01
G-344C	08/29/2007 09:34	4.06	2.43	1.63
G-344C	09/05/2007 10:44	1.32	2.93	-1.61
G-344C	09/12/2007 11:55	6.00	3.65	2.35
G-344C	09/18/2007 11:47	1.85	3.67	-1.82
G-344C	09/26/2007 12:31	4.98	4.27	0.71
G-344C	10/03/2007 10:57	7.06	3.35	3.71
G-344C	10/10/2007 10:51	3.41	3.28	0.13
G-344C	10/16/2007 10:18	6.68	3.38	3.30

Table 5. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-344C	10/24/2007 10:35	3.66	3.03	0.63
G-344C	10/31/2007 10:17	4.75	3.40	1.35
G-344C	11/06/2007 10:15	5.49	3.68	1.81
G-344C	11/13/2007 09:48	6.34	3.41	2.93
G-344C	11/19/2007 10:46	7.50	4.08	3.42
G-344C	11/28/2007 09:48	6.95	2.78	4.17
G-344C	12/04/2007 11:35	4.66	3.84	0.82
G-344C	12/10/2007 10:05	6.14	3.29	2.85
G-344C	12/19/2007 10:10	9.77	4.75	5.02
G-344C	12/26/2007 10:25	6.33	3.66	2.67
G-344C	01/02/2008 10:09	8.37	5.08	3.29
G-344C	01/08/2008 11:02	8.12	4.25	3.87
G-344C	01/16/2008 10:33	8.83	4.74	4.09
G-344C	01/23/2008 10:15	6.69	3.81	2.88
G-344C	01/30/2008 10:41	7.75	4.14	3.61
G-344C	02/06/2008 10:51	4.67	3.52	1.15
G-344C	02/13/2008 10:15	5.52	3.79	1.73
G-344C	02/20/2008 11:19	6.78	4.28	2.50
G-344C	02/27/2008 10:31	6.85	3.50	3.35
G-344C	03/05/2008 11:45	3.06	3.76	-0.70
G-344C	03/12/2008 11:07	7.61	4.18	3.43
G-344C	03/20/2008 10:39	6.11	3.98	2.13
G-344C	03/27/2008 10:22	7.71	4.55	3.16
G-344C	04/03/2008 10:45	6.19	3.59	2.60
G-344C	04/09/2008 10:31	6.41	3.61	2.80
G-344C	04/17/2008 11:18	8.02	5.42	2.60
G-344C	04/23/2008 11:30	6.37	4.23	2.14
G-344D	05/02/2007 10:30	2.10	3.31	-1.21
G-344D	05/10/2007 10:40	6.03	3.64	2.39
G-344D	05/17/2007 10:40	5.91	3.45	2.46
G-344D	05/24/2007 10:40	5.66	3.50	2.16
G-344D	06/07/2007 11:15	1.73	3.66	-1.93
G-344D	06/14/2007 10:10	3.48	2.81	0.67
G-344D	06/20/2007 10:00	4.05	2.55	1.50
G-344D	06/27/2007 10:10	4.84	2.43	2.41
G-344D	07/05/2007 09:50	1.83	2.51	-0.68
G-344D	07/11/2007 09:55	2.29	2.46	-0.17
G-344D	07/19/2007 10:30	0.85	2.87	-2.02
G-344D	07/25/2007 10:10	2.02	2.75	-0.73
G-344D	08/02/2007 11:05	1.56	3.10	-1.54
G-344D	08/08/2007 11:46	2.21	3.28	-1.07

Table 5. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-344D	08/16/2007 09:46	1.35	2.56	-1.21
G-344D	08/22/2007 10:36	1.50	2.91	-1.41
G-344D	08/29/2007 09:49	3.27	2.45	0.82
G-344D	09/05/2007 10:27	3.25	2.67	0.58
G-344D	09/12/2007 12:09	3.84	3.82	0.02
G-344D	09/18/2007 12:06	3.15	3.76	-0.61
G-344D	09/26/2007 12:48	4.45	4.38	0.07
G-344D	10/03/2007 11:13	4.12	3.70	0.42
G-344D	10/10/2007 11:06	2.10	3.45	-1.35
G-344D	10/16/2007 10:38	7.19	3.57	3.62
G-344D	10/24/2007 10:52	2.90	3.60	-0.70
G-344D	10/31/2007 10:59	5.38	3.78	1.60
G-344D	11/06/2007 10:45	7.63	3.84	3.79
G-344D	11/13/2007 10:03	6.64	3.48	3.16
G-344D	11/19/2007 11:05	8.43	4.20	4.23
G-344D	11/28/2007 09:59	6.96	2.83	4.13
G-344D	12/04/2007 12:01	6.57	4.02	2.55
G-344D	12/10/2007 10:20	6.91	3.42	3.49
G-344D	12/19/2007 10:25	10.50	4.89	5.61
G-344D	12/26/2007 10:40	6.87	3.70	3.17
G-344D	01/02/2008 09:50	8.35	5.31	3.04
G-344D	01/08/2008 11:31	8.35	4.41	3.94
G-344D	01/16/2008 10:53	10.60	4.88	5.72
G-344D	01/23/2008 10:30	7.18	3.93	3.25
G-344D	01/30/2008 10:58	6.14	4.40	1.74
G-344D	02/06/2008 11:04	4.18	3.68	0.50
G-344D	02/13/2008 10:37	6.10	3.99	2.11
G-344D	02/20/2008 11:49	7.56	4.65	2.91
G-344D	02/27/2008 10:14	6.99	3.48	3.51
G-344D	03/05/2008 12:19	6.59	4.13	2.46
G-344D	03/12/2008 11:24	6.66	4.39	2.27
G-344D	03/20/2008 10:56	6.34	4.05	2.29
G-344D	03/27/2008 10:35	10.40	4.57	5.83
G-344D	04/03/2008 10:59	5.23	3.82	1.41
G-344D	04/09/2008 10:47	6.50	3.77	2.73
G-344D	04/17/2008 11:53	6.32	5.56	0.76
G-344D	04/23/2008 11:50	6.21	4.41	1.80

Table 6. Measured biweekly DO concentrations, calculated SSAC lower limits, and residual DO concentration differences for outflow stations at STA-6 during WY2008.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-354C	07/24/2007 11:00	1.66	3.09	-1.43
G-354C	07/31/2007 11:20	2.70	3.23	-0.53
G-354C	08/07/2007 10:55	0.79	2.97	-2.18
G-354C	08/14/2007 11:15	0.76	3.38	-2.62
G-354C	08/21/2007 11:10	1.98	3.31	-1.33
G-354C	08/28/2007 10:40	2.71	3.12	-0.41
G-354C	09/05/2007 11:15	1.28	3.38	-2.10
G-354C	09/11/2007 10:20	1.21	3.14	-1.93
G-354C	09/18/2007 10:30	1.14	3.32	-2.18
G-354C	09/25/2007 11:00	1.91	3.50	-1.59
G-354C	10/02/2007 11:05	1.71	3.66	-1.95
G-354C	10/09/2007 11:35	1.91	3.64	-1.73
G-354C	10/16/2007 11:30	1.77	4.03	-2.26
G-354C	10/23/2007 11:20	3.12	3.64	-0.52
G-354C	10/31/2007 10:30	3.63	3.39	0.24
G-354C	11/06/2007 10:50	2.87	3.96	-1.09
G-354C	11/14/2007 10:50	3.12	3.94	-0.82
G-354C	11/20/2007 10:55	3.72	4.19	-0.47
G-354C	11/27/2007 11:00	3.91	3.63	0.28
G-354C	12/04/2007 11:00	3.72	3.74	-0.02
G-354C	02/20/2008 10:45	6.46	3.56	2.90
G-354C	02/26/2008 11:10	6.45	3.26	3.19
G-354C	03/04/2008 10:50	6.09	3.64	2.45
G-354C	03/11/2008 11:10	7.42	4.37	3.05
G-354C	03/18/2008 11:15	6.92	4.03	2.89
G-354C	03/25/2008 11:30	5.46	5.60	-0.14
G-354C	04/01/2008 10:50	4.36	3.87	0.49
G-354C	04/08/2008 10:40	2.14	3.66	-1.52
G-354C	04/15/2008 11:00	4.58	4.66	-0.08
G-354C	04/22/2008 10:45	3.27	3.88	-0.61
G-354C	04/29/2008 10:55	2.89	3.54	-0.65
G-393B	07/24/2007 11:25	1.61	3.84	-2.23
G-393B	07/31/2007 11:40	1.06	3.70	-2.64
G-393B	08/07/2007 11:25	0.21	3.67	-3.46
G-393B	08/14/2007 10:45	0.58	3.37	-2.79
G-393B	08/21/2007 11:30	0.17	3.78	-3.61
G-393B	08/28/2007 11:35	0.39	3.92	-3.53
G-393B	09/05/2007 11:40	2.30	3.85	-1.55
G-393B	09/11/2007 10:10	0.40	3.23	-2.83
G-393B	09/18/2007 10:15	0.48	3.27	-2.79
G-393B	09/25/2007 10:30	1.08	3.45	-2.37

Table 6. Continued.

STA Outflow Station	Sampling Date and Time	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
G-393B	10/09/2007 11:05	0.62	3.66	-3.04
G-393B	10/16/2007 10:50	0.64	3.90	-3.26
G-393B	10/23/2007 11:00	0.29	3.76	-3.47
G-393B	10/31/2007 10:05	1.67	3.48	-1.81
G-393B	11/06/2007 10:35	0.85	3.93	-3.08
G-393B	11/14/2007 10:35	3.05	4.05	-1.00
G-393B	11/20/2007 10:30	0.88	4.24	-3.36
G-393B	11/27/2007 10:40	0.54	3.99	-3.45
G-393B	12/04/2007 10:45	1.73	3.86	-2.13
G-393B	12/11/2007 10:25	1.45	3.83	-2.38
G-393B	02/20/2008 10:20	3.89	3.68	0.21
G-393B	02/26/2008 10:50	3.18	3.35	-0.17
G-393B	03/04/2008 10:35	5.18	3.89	1.29
G-393B	03/11/2008 10:50	3.75	4.39	-0.64
G-393B	03/18/2008 11:00	2.89	4.10	-1.21
G-393B	03/25/2008 11:15	1.67	5.29	-3.62
G-393B	04/01/2008 10:25	1.74	3.85	-2.11
G-393B	04/08/2008 10:20	1.64	3.74	-2.10
G-393B	04/15/2008 10:30	1.98	4.52	-2.54
G-393B	04/22/2008 10:30	1.35	4.10	-2.75
G-393B	04/29/2008 10:30	0.75	3.64	-2.89