

**Appendix 5-8:
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 1 East (STA-1E) during Water Year 2007 (WY2007).

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] - [SSAC]
S362	05/04/2006	10.10	5.05	5.05
S362	05/11/2006	6.78	3.96	2.82
S362	05/18/2006	7.69	4.29	3.40
S362	05/25/2006	7.45	4.00	3.45
S362	06/01/2006	4.64	3.86	0.78
S362	06/08/2006	5.37	3.03	2.34
S362	06/14/2006	4.44	3.00	1.44
S362	06/22/2006	6.43	2.87	3.56
S362	06/28/2006	5.12	2.99	2.13
S362	07/06/2006	4.05	3.28	0.77
S362	07/20/2006	4.20	2.65	1.55
S362	07/27/2006	4.17	2.63	1.54
S362	08/03/2006	4.71	2.79	1.92
S362	08/09/2006	3.52	2.78	0.74
S362	08/16/2006	4.16	3.17	0.99
S362	08/24/2006	5.35	3.27	2.08
S362	09/01/2006	2.41	3.03	-0.62
S362	09/07/2006	4.75	4.42	0.33
S362	09/14/2006	2.90	3.40	-0.50
S362	09/21/2006	4.48	3.49	0.99
S362	09/27/2006	3.55	3.67	-0.12
S362	10/05/2006	6.01	3.85	2.16
S362	10/12/2006	2.16	3.79	-1.63
S362	10/19/2006	2.51	3.88	-1.37
S362	10/25/2006	5.10	4.61	0.49
S362	11/02/2006	7.82	3.65	4.17
S362	11/09/2006	4.62	3.44	1.18
S362	11/16/2006	5.20	4.06	1.14
S362	11/21/2006	6.55	4.03	2.52
S362	11/30/2006	6.15	4.45	1.70
S362	12/07/2006	7.33	3.69	3.64
S362	12/13/2006	8.59	5.18	3.41
S362	12/21/2006	6.35	5.13	1.22
S362	12/28/2006	6.70	4.91	1.79
S362	01/04/2007	3.31	3.67	-0.36
S362	01/11/2007	6.54	4.42	2.12
S362	01/18/2007	3.96	3.84	0.12
S362	01/25/2007	5.86	3.85	2.01
S362	02/01/2007	7.15	4.40	2.75
S362	02/08/2007	7.62	4.58	3.04
S362	02/15/2007	6.31	4.45	1.86

Table 1. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
S362	02/22/2007	8.71	5.16	3.55
S362	03/01/2007	7.32	4.14	3.18
S362	03/08/2007	7.40	4.37	3.03
S362	03/15/2007	5.95	4.18	1.77
S362	03/22/2007	8.16	4.45	3.71
S362	03/29/2007	8.28	3.98	4.30
S362	04/05/2007	9.67	3.67	6.00
S362	04/12/2007	7.37	4.35	3.02
S362	04/18/2007	9.43	4.20	5.23
S362	04/26/2007	9.25	4.05	5.20

Table 2. Measured biweekly DO concentrations, calculated SSAC lower limits, and residual DO concentration differences for outflow stations at Stormwater Treatment Area 1 West (STA-1W) during WY2007.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
ENR012	05/04/2006	4.15	3.14	1.01
ENR012	05/11/2006	3.44	2.76	0.68
ENR012	05/18/2006	1.50	3.58	-2.08
ENR012	05/25/2006	0.81	2.67	-1.86
ENR012	06/01/2006	3.18	2.47	0.71
ENR012	06/08/2006	3.35	2.36	0.99
ENR012	06/14/2006	4.90	2.42	2.48
ENR012	06/22/2006	4.15	2.26	1.89
ENR012	06/28/2006	3.26	2.26	1.00
ENR012	07/06/2006	3.04	2.33	0.71
ENR012	07/20/2006	1.49	2.06	-0.57
ENR012	07/27/2006	1.20	2.13	-0.93
ENR012	08/03/2006	4.73	2.00	2.73
ENR012	08/09/2006	2.35	2.20	0.15
ENR012	08/16/2006	4.53	2.12	2.41
ENR012	08/24/2006	1.07	2.64	-1.57
ENR012	09/01/2006	1.37	2.25	-0.88
ENR012	09/07/2006	1.05	2.89	-1.84
ENR012	09/14/2006	0.85	2.44	-1.59
ENR012	09/21/2006	0.77	2.60	-1.83
ENR012	09/27/2006	0.39	2.58	-2.19
ENR012	10/05/2006	1.66	3.11	-1.45
ENR012	10/12/2006	2.34	2.92	-0.58
ENR012	10/19/2006	0.73	2.89	-2.16
ENR012	10/25/2006	1.15	3.30	-2.15
ENR012	11/02/2006	0.34	2.81	-2.47
ENR012	11/09/2006	1.15	2.85	-1.70
ENR012	11/16/2006	0.70	2.78	-2.08
ENR012	11/21/2006	1.72	3.96	-2.24
ENR012	11/30/2006	0.02	2.90	-2.88
ENR012	12/07/2006	0.93	3.13	-2.20
ENR012	12/13/2006	0.05	3.72	-3.67
ENR012	12/21/2006	2.45	3.49	-1.04
ENR012	12/28/2006	0.46	3.87	-3.41
ENR012	01/04/2007	0.51	2.84	-2.33
ENR012	01/11/2007	0.26	3.48	-3.22
ENR012	01/18/2007	0.38	2.80	-2.42
ENR012	01/25/2007	1.29	3.05	-1.76

Table 2. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
ENR012	02/01/2007	1.23	3.54	-2.31
ENR012	02/08/2007	0.32	3.34	-3.02
ENR012	02/15/2007	0.03	3.22	-3.19
ENR012	02/22/2007	0.15	3.64	-3.49
ENR012	03/01/2007	0.12	2.99	-2.87
ENR012	03/08/2007	0.18	3.36	-3.18
ENR012	03/15/2007	0.38	3.11	-2.73
ENR012	03/22/2007	0.51	3.36	-2.85
ENR012	03/29/2007	0.27	3.09	-2.82
ENR012	04/05/2007	0.52	3.07	-2.55
ENR012	04/12/2007	0.77	3.32	-2.55
ENR012	04/18/2007	1.07	3.30	-2.23
ENR012	04/26/2007	0.30	3.38	-3.08
G310	05/04/2006	4.56	3.32	1.24
G310	05/11/2006	3.91	2.66	1.25
G310	05/18/2006	2.43	3.67	-1.24
G310	05/25/2006	3.97	2.04	1.93
G310	06/01/2006	3.66	2.24	1.42
G310	06/08/2006	5.21	2.03	3.18
G310	06/14/2006	2.62	2.54	0.08
G310	06/22/2006	7.51	1.75	5.76
G310	06/28/2006	2.81	2.34	0.47
G310	07/06/2006	2.42	2.02	0.40
G310	07/20/2006	1.16	1.73	-0.57
G310	07/27/2006	1.37	2.14	-0.77
G310	08/03/2006	4.24	1.75	2.49
G310	08/09/2006	1.91	2.13	-0.22
G310	08/16/2006	4.66	1.69	2.97
G310	08/24/2006	1.87	2.75	-0.88
G310	09/01/2006	3.24	2.03	1.21
G310	09/07/2006	2.17	2.32	-0.15
G310	09/14/2006	2.36	2.12	0.24
G310	09/21/2006	2.21	2.66	-0.45
G310	09/27/2006	0.93	2.16	-1.23
G310	10/05/2006	4.70	2.80	1.90
G310	10/12/2006	0.71	2.31	-1.60
G310	10/19/2006	0.41	2.58	-2.17
G310	10/25/2006	2.86	2.79	0.07
G310	11/02/2006	1.40	2.51	-1.11

Table 2. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G310	11/09/2006	3.10	2.62	0.48
G310	11/16/2006	5.92	2.67	3.25
G310	11/21/2006	3.11	3.08	0.03
G310	11/30/2006	5.00	2.91	2.09
G310	12/07/2006	4.72	2.87	1.85
G310	12/13/2006	5.47	3.57	1.90
G310	12/21/2006	5.66	3.21	2.45
G310	12/28/2006	4.67	3.84	0.83
G310	01/04/2007	5.14	2.82	2.32
G310	01/11/2007	4.48	3.07	1.41
G310	01/18/2007	3.78	2.89	0.89
G310	01/25/2007	5.42	2.86	2.56
G310	02/01/2007	5.30	3.52	1.78
G310	02/08/2007	7.18	3.42	3.76
G310	02/15/2007	6.58	3.30	3.28
G310	02/22/2007	7.07	4.13	2.94
G310	03/01/2007	7.30	3.11	4.19
G310	03/08/2007	6.70	3.30	3.40
G310	03/15/2007	3.98	3.13	0.85
G310	03/22/2007	2.98	3.34	-0.36
G310	03/29/2007	3.15	2.94	0.21
G310	04/05/2007	0.38	3.14	-2.76
G310	04/12/2007	1.27	3.30	-2.03
G310	04/18/2007	1.48	3.13	-1.65
G310	04/26/2007	0.42	3.27	-2.85

Table 3. Measured biweekly DO concentrations, calculated SSAC lower limits, and residual DO concentration differences for the outflow station at Stormwater Treatment Area 2 (STA-2) during WY2007.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G335	05/03/2006	5.59	2.97	2.62
G335	05/10/2006	7.44	2.65	4.79
G335	05/17/2006	3.52	3.13	0.39
G335	05/24/2006	3.58	2.67	0.91
G335	05/31/2006	5.61	2.61	3.00
G335	06/07/2006	5.48	2.51	2.97
G335	06/14/2006	4.97	2.23	2.74
G335	06/21/2006	4.24	2.58	1.66
G335	06/28/2006	3.52	2.50	1.02
G335	07/06/2006	3.60	2.41	1.19
G335	07/12/2006	3.84	2.12	1.72
G335	07/19/2006	2.18	2.34	-0.16
G335	07/26/2006	2.84	1.92	0.92
G335	08/02/2006	2.61	2.42	0.19
G335	08/09/2006	3.96	2.14	1.82
G335	08/16/2006	2.91	2.46	0.45
G335	08/23/2006	2.34	2.52	-0.18
G335	08/31/2006	2.07	2.88	-0.81
G335	09/06/2006	1.82	2.70	-0.88
G335	09/13/2006	3.74	2.88	0.86
G335	09/20/2006	2.60	2.29	0.31
G335	09/27/2006	2.87	2.51	0.36
G335	10/04/2006	3.77	2.72	1.05
G335	10/11/2006	5.75	2.63	3.12
G335	10/18/2006	4.66	2.70	1.96
G335	10/25/2006	4.68	3.06	1.62
G335	11/01/2006	5.06	2.56	2.50
G335	11/08/2006	4.92	2.74	2.18
G335	11/15/2006	2.86	2.61	0.25
G335	11/22/2006	3.10	3.24	-0.14
G335	11/29/2006	4.46	3.25	1.21
G335	12/06/2006	4.61	3.18	1.43
G335	12/13/2006	5.13	3.24	1.89
G335	12/20/2006	4.74	3.17	1.57
G335	12/28/2006	4.01	3.47	0.54
G335	01/03/2007	4.28	2.95	1.33
G335	01/10/2007	5.31	2.90	2.41
G335	01/17/2007	4.63	3.22	1.41
G335	01/24/2007	4.48	2.74	1.74
G335	01/31/2007	5.72	3.84	1.88

Table 3. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G335	02/07/2007	5.58	3.43	2.15
G335	02/14/2007	5.40	3.06	2.34
G335	02/21/2007	5.97	3.79	2.18
G335	02/28/2007	5.09	2.78	2.31
G335	03/07/2007	4.64	3.29	1.35
G335	03/14/2007	4.69	3.47	1.22
G335	03/21/2007	5.41	3.62	1.79
G335	03/28/2007	6.34	3.32	3.02
G335	04/04/2007	5.57	3.21	2.36
G335	04/11/2007	5.43	3.89	1.54
G335	04/18/2007	6.82	3.18	3.64
G335	04/25/2007	4.92	2.97	1.95

Table 4. Measured biweekly DO concentrations, calculated SSAC lower limits, and residual DO concentration differences for outflow stations at Stormwater Treatment Area 3/4 (STA-3/4) during WY2007.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G376B	05/01/2006	4.29	3.03	1.26
G376B	05/08/2006	4.83	3.31	1.52
G376B	05/15/2006	2.46	2.72	-0.26
G376B	05/22/2006	0.94	2.85	-1.91
G376B	05/30/2006	2.71	2.40	0.31
G376B	06/05/2006	3.63	2.59	1.04
G376B	06/12/2006	2.84	2.61	0.23
G376B	06/19/2006	3.89	2.30	1.59
G376B	06/26/2006	2.80	2.79	0.01
G376B	07/03/2006	2.94	2.37	0.57
G376B	07/10/2006	0.76	2.34	-1.58
G376B	07/17/2006	1.31	2.35	-1.04
G376B	07/24/2006	1.27	2.66	-1.39
G376B	07/31/2006	0.81	2.11	-1.30
G376B	08/07/2006	1.36	2.26	-0.90
G376B	08/14/2006	3.09	2.12	0.97
G376B	08/21/2006	1.45	2.26	-0.81
G376B	08/28/2006	1.26	2.81	-1.55
G376B	09/05/2006	0.62	2.62	-2.00
G376B	09/11/2006	0.43	2.37	-1.94
G376B	09/18/2006	1.17	2.60	-1.43
G376B	09/25/2006	1.02	2.46	-1.44
G376B	10/02/2006	2.20	2.84	-0.64
G376B	10/09/2006	1.73	2.77	-1.04
G376B	10/16/2006	2.49	2.82	-0.33
G376B	10/23/2006	1.49	2.63	-1.14
G376B	10/30/2006	2.77	2.88	-0.11
G376B	11/06/2006	5.18	2.79	2.39
G376B	11/13/2006	5.52	2.89	2.63
G376B	11/20/2006	3.01	3.62	-0.61
G376B	11/27/2006	5.34	3.50	1.84
G376B	12/04/2006	4.13	2.94	1.19
G376B	12/11/2006	5.38	3.56	1.82
G376B	12/18/2006	3.04	3.09	-0.05
G376B	12/27/2006	2.05	3.46	-1.41
G376B	01/02/2007	1.87	2.92	-1.05
G376B	01/08/2007	3.36	2.88	0.48
G376B	01/16/2007	5.11	3.29	1.82
G376B	01/22/2007	6.28	3.04	3.24
G376B	01/29/2007	5.38	3.83	1.55

Table 4. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G376B	02/05/2007	4.41	3.79	0.62
G376B	02/12/2007	5.69	3.37	2.32
G376B	02/20/2007	6.54	4.26	2.28
G376B	02/26/2007	5.36	3.28	2.08
G376B	03/05/2007	3.35	2.97	0.38
G376B	03/12/2007	3.87	3.27	0.60
G376B	03/19/2007	3.77	3.89	-0.12
G376B	03/26/2007	4.82	3.31	1.51
G376B	04/02/2007	4.11	3.11	1.00
G376B	04/09/2007	2.44	3.38	-0.94
G376B	04/16/2007	4.65	3.64	1.01
G376B	04/23/2007	4.84	3.23	1.61
G376E	05/01/2006	4.23	3.27	0.96
G376E	05/08/2006	4.78	3.37	1.41
G376E	05/15/2006	4.82	2.71	2.11
G376E	05/22/2006	2.58	3.14	-0.56
G376E	05/30/2006	2.98	2.69	0.29
G376E	06/05/2006	2.52	2.83	-0.31
G376E	06/12/2006	3.04	2.79	0.25
G376E	06/19/2006	2.59	2.40	0.19
G376E	06/26/2006	3.02	3.00	0.02
G376E	07/03/2006	1.79	2.68	-0.89
G376E	07/10/2006	1.61	2.62	-1.01
G376E	07/17/2006	1.76	2.92	-1.16
G376E	07/24/2006	1.90	2.81	-0.91
G376E	07/31/2006	0.88	2.36	-1.48
G376E	08/07/2006	1.06	2.52	-1.46
G376E	08/14/2006	2.34	2.50	-0.16
G376E	08/21/2006	1.58	2.94	-1.36
G376E	08/28/2006	2.06	3.06	-1.00
G376E	09/05/2006	1.01	2.83	-1.82
G376E	09/11/2006	0.46	2.61	-2.15
G376E	09/18/2006	1.91	2.73	-0.82
G376E	09/25/2006	1.61	2.71	-1.10
G376E	10/02/2006	1.70	3.73	-2.03
G376E	10/09/2006	1.25	3.00	-1.75
G376E	10/16/2006	3.00	3.16	-0.16
G376E	10/23/2006	2.12	2.94	-0.82
G376E	10/30/2006	2.66	3.04	-0.38

Table 4. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G376E	11/06/2006	5.01	3.06	1.95
G376E	11/13/2006	6.80	2.94	3.86
G376E	11/20/2006	3.76	3.95	-0.19
G376E	11/27/2006	5.25	3.48	1.77
G376E	12/04/2006	3.63	3.08	0.55
G376E	12/11/2006	4.46	3.89	0.57
G376E	12/18/2006	2.95	3.07	-0.12
G376E	12/27/2006	2.06	4.06	-2.00
G376E	01/02/2007	1.70	3.20	-1.50
G376E	01/08/2007	4.00	2.99	1.01
G376E	01/16/2007	5.00	3.47	1.53
G376E	01/22/2007	4.45	3.16	1.29
G376E	01/29/2007	5.79	3.85	1.94
G376E	02/05/2007	4.31	4.10	0.21
G376E	02/12/2007	5.81	3.42	2.39
G376E	02/20/2007	6.02	4.38	1.64
G376E	02/26/2007	3.99	3.20	0.79
G376E	03/05/2007	2.74	3.23	-0.49
G376E	03/12/2007	3.68	3.35	0.33
G376E	03/19/2007	4.79	4.16	0.63
G376E	03/26/2007	4.35	3.52	0.83
G376E	04/02/2007	4.33	3.29	1.04
G376E	04/09/2007	3.68	3.60	0.08
G376E	04/16/2007	4.63	4.00	0.63
G376E	04/23/2007	4.88	3.42	1.46
G379B	05/01/2006	6.57	3.56	3.01
G379B	05/08/2006	4.26	3.61	0.65
G379B	05/15/2006	2.41	2.90	-0.49
G379B	05/22/2006	4.39	3.37	1.02
G379B	05/30/2006	4.83	2.68	2.15
G379B	06/05/2006	4.05	2.87	1.18
G379B	06/12/2006	3.95	3.03	0.92
G379B	06/19/2006	1.65	2.51	-0.86
G379B	06/26/2006	2.50	3.17	-0.67
G379B	07/03/2006	2.35	2.93	-0.58
G379B	07/10/2006	1.93	2.72	-0.79
G379B	07/17/2006	3.91	3.13	0.78
G379B	07/24/2006	2.39	3.02	-0.63
G379B	07/31/2006	2.01	2.51	-0.50

Table 4. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G379B	08/07/2006	4.67	2.55	2.12
G379B	08/14/2006	3.20	2.60	0.60
G379B	08/21/2006	3.34	2.93	0.41
G379B	08/28/2006	4.00	3.25	0.75
G379B	09/05/2006	1.71	3.11	-1.40
G379B	09/11/2006	1.94	2.77	-0.83
G379B	09/18/2006	2.11	3.04	-0.93
G379B	09/25/2006	1.29	2.90	-1.61
G379B	10/02/2006	5.18	4.00	1.18
G379B	10/09/2006	2.82	3.17	-0.35
G379B	10/16/2006	5.06	3.46	1.60
G379B	10/23/2006	0.38	3.09	-2.71
G379B	10/30/2006	5.08	3.47	1.61
G379B	11/06/2006	6.53	3.30	3.23
G379B	11/13/2006	5.97	3.11	2.86
G379B	11/20/2006	6.46	4.34	2.12
G379B	11/27/2006	7.40	3.61	3.79
G379B	12/04/2006	3.99	3.19	0.80
G379B	12/11/2006	7.64	4.36	3.28
G379B	12/18/2006	4.08	3.21	0.87
G379B	12/27/2006	3.84	4.17	-0.33
G379B	01/02/2007	3.80	3.38	0.42
G379B	01/08/2007	4.39	3.22	1.17
G379B	01/16/2007	5.99	3.62	2.37
G379B	01/22/2007	5.56	3.50	2.06
G379B	01/29/2007	6.96	4.50	2.46
G379B	02/05/2007	5.09	4.65	0.44
G379B	02/12/2007	4.39	3.37	1.02
G379B	02/20/2007	7.21	4.75	2.46
G379B	02/26/2007	3.92	3.36	0.56
G379B	03/05/2007	2.97	3.43	-0.46
G379B	03/12/2007	4.71	3.46	1.25
G379B	03/19/2007	5.54	4.88	0.66
G379B	03/26/2007	4.55	3.81	0.74
G379B	04/02/2007	3.08	3.39	-0.31
G379B	04/09/2007	5.14	4.02	1.12
G379B	04/16/2007	6.57	4.88	1.69
G379B	04/23/2007	5.36	3.59	1.77

Table 4. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G379D	05/01/2006	7.68	3.63	4.05
G379D	05/08/2006	7.03	3.49	3.54
G379D	05/15/2006	4.81	2.99	1.82
G379D	05/22/2006	8.11	3.48	4.63
G379D	05/30/2006	5.47	2.71	2.76
G379D	06/05/2006	3.01	3.07	-0.06
G379D	06/12/2006	4.25	3.15	1.10
G379D	06/19/2006	3.36	2.65	0.71
G379D	06/26/2006	3.63	3.59	0.04
G379D	07/03/2006	2.74	3.11	-0.37
G379D	07/10/2006	3.62	2.93	0.69
G379D	07/17/2006	6.22	3.34	2.88
G379D	07/24/2006	3.66	3.26	0.40
G379D	07/31/2006	5.20	2.70	2.50
G379D	08/07/2006	5.42	2.76	2.66
G379D	08/14/2006	2.27	2.96	-0.69
G379D	08/21/2006	8.83	3.03	5.80
G379D	08/28/2006	6.82	3.40	3.42
G379D	09/05/2006	2.86	3.29	-0.43
G379D	09/11/2006	2.41	3.04	-0.63
G379D	09/18/2006	1.72	3.29	-1.57
G379D	09/25/2006	2.63	3.16	-0.53
G379D	10/02/2006	5.26	4.22	1.04
G379D	10/09/2006	2.37	3.30	-0.93
G379D	10/16/2006	5.61	3.66	1.95
G379D	10/23/2006	2.89	3.31	-0.42
G379D	10/30/2006	5.76	3.56	2.20
G379D	11/06/2006	5.60	3.35	2.25
G379D	11/13/2006	4.80	3.25	1.55
G379D	11/20/2006	5.33	4.50	0.83
G379D	11/27/2006	7.89	3.74	4.15
G379D	12/04/2006	6.09	3.36	2.73
G379D	12/11/2006	7.26	4.53	2.73
G379D	12/18/2006	6.35	3.29	3.06
G379D	12/27/2006	3.09	4.13	-1.04
G379D	01/02/2007	4.92	3.57	1.35
G379D	01/08/2007	6.32	3.44	2.88
G379D	01/16/2007	7.25	3.69	3.56
G379D	01/22/2007	6.35	3.65	2.70

Table 4. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G379D	01/29/2007	5.52	4.63	0.89
G379D	02/05/2007	4.11	4.99	-0.88
G379D	02/12/2007	5.57	3.48	2.09
G379D	02/20/2007	6.98	5.08	1.90
G379D	02/26/2007	4.35	3.29	1.06
G379D	03/05/2007	3.46	3.42	0.04
G379D	03/12/2007	2.44	3.57	-1.13
G379D	03/19/2007	3.99	4.82	-0.83
G379D	03/26/2007	3.30	4.05	-0.75
G379D	04/02/2007	2.02	3.98	-1.96
G379D	04/09/2007	2.72	4.13	-1.41
G379D	04/16/2007	6.25	4.93	1.32
G379D	04/23/2007	4.92	3.90	1.02
G381B	06/05/2006	4.96	3.32	1.64
G381B	06/12/2006	4.71	3.55	1.16
G381B	07/03/2006	3.69	3.04	0.65
G381B	07/10/2006	5.80	3.03	2.77
G381B	07/17/2006	1.49	3.87	-2.38
G381B	07/24/2006	3.60	3.41	0.19
G381B	07/31/2006	4.86	2.87	1.99
G381B	08/07/2006	4.68	3.00	1.68
G381B	08/14/2006	5.07	3.00	2.07
G381B	08/21/2006	5.46	3.26	2.20
G381B	08/28/2006	2.83	3.69	-0.86
G381B	09/05/2006	2.25	3.49	-1.24
G381B	09/11/2006	2.30	3.28	-0.98
G381B	09/18/2006	2.10	3.36	-1.26
G381B	09/25/2006	3.26	3.25	0.01
G381B	10/02/2006	5.23	4.35	0.88
G381B	10/09/2006	4.15	3.46	0.69
G381B	10/16/2006	5.43	3.93	1.50
G381B	10/23/2006	5.24	3.60	1.64
G381B	10/30/2006	6.98	3.74	3.24
G381B	11/06/2006	6.18	3.71	2.47
G381B	11/13/2006	7.39	3.35	4.04
G381B	11/20/2006	7.72	4.62	3.10
G381B	11/27/2006	7.13	4.00	3.13
G381B	12/04/2006	6.44	3.97	2.47
G381B	12/11/2006	7.20	4.85	2.35

Table 4. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G381B	12/18/2006	4.94	3.50	1.44
G381B	12/27/2006	5.24	4.55	0.69
G381B	01/02/2007	3.69	3.95	-0.26
G381B	01/08/2007	5.02	3.72	1.30
G381B	01/16/2007	6.58	3.94	2.64
G381B	01/22/2007	5.67	3.83	1.84
G381B	01/29/2007	7.66	5.10	2.56
G381B	02/05/2007	5.41	5.37	0.04
G381B	02/12/2007	6.95	3.62	3.33
G381B	02/20/2007	7.27	5.27	2.00
G381B	02/26/2007	4.10	3.66	0.44
G381B	03/05/2007	3.86	3.83	0.03
G381B	03/12/2007	5.46	3.85	1.61
G381B	03/19/2007	6.25	4.81	1.44
G381B	03/26/2007	5.59	3.93	1.66
G381B	04/02/2007	5.66	3.93	1.73
G381B	04/09/2007	4.98	4.40	0.58
G381B	04/16/2007	6.68	4.75	1.93
G381B	04/23/2007	6.13	3.71	2.42
G381E	06/05/2006	4.35	3.65	0.70
G381E	06/12/2006	5.17	3.64	1.53
G381E	07/03/2006	3.87	3.17	0.70
G381E	07/10/2006	5.05	3.20	1.85
G381E	07/17/2006	2.11	3.99	-1.88
G381E	07/24/2006	4.70	3.55	1.15
G381E	07/31/2006	6.01	2.89	3.12
G381E	08/07/2006	4.85	3.52	1.33
G381E	08/14/2006	3.92	3.41	0.51
G381E	08/21/2006	4.32	3.53	0.79
G381E	08/28/2006	3.00	3.83	-0.83
G381E	09/05/2006	1.17	3.79	-2.62
G381E	09/11/2006	1.32	3.53	-2.21
G381E	09/18/2006	2.49	3.64	-1.15
G381E	09/25/2006	2.61	3.47	-0.86
G381E	10/02/2006	4.81	4.52	0.29
G381E	10/09/2006	2.42	3.68	-1.26
G381E	10/16/2006	4.55	4.15	0.40
G381E	10/23/2006	3.15	3.77	-0.62
G381E	10/30/2006	4.45	3.90	0.55

Table 4. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G381E	11/06/2006	4.82	4.02	0.80
G381E	11/13/2006	6.76	3.58	3.18
G381E	11/20/2006	5.53	4.80	0.73
G381E	11/27/2006	5.84	4.21	1.63
G381E	12/04/2006	6.02	4.24	1.78
G381E	12/11/2006	7.26	5.11	2.15
G381E	12/18/2006	3.74	3.76	-0.02
G381E	12/27/2006	4.37	4.59	-0.22
G381E	01/02/2007	4.52	4.35	0.17
G381E	01/08/2007	5.80	3.97	1.83
G381E	01/16/2007	6.55	4.10	2.45
G381E	01/22/2007	6.15	3.95	2.20
G381E	01/29/2007	7.12	5.32	1.80
G381E	02/05/2007	5.85	5.47	0.38
G381E	02/12/2007	6.65	3.81	2.84
G381E	02/20/2007	6.30	5.28	1.02
G381E	02/26/2007	5.42	3.63	1.79
G381E	03/05/2007	4.45	3.76	0.69
G381E	03/12/2007	5.08	3.92	1.16
G381E	03/19/2007	5.58	4.90	0.68
G381E	03/26/2007	6.11	4.04	2.07
G381E	04/02/2007	6.07	4.14	1.93
G381E	04/09/2007	4.72	4.66	0.06
G381E	04/16/2007	6.08	4.71	1.37
G381E	04/23/2007	6.04	3.88	2.16

Table 5. Measured biweekly DO concentrations, calculated SSAC lower limits, and residual DO concentration differences for outflow stations at Stormwater Treatment Area 5 (STA-5) during WY2007.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G344A	05/03/2006	7.20	3.05	4.15
G344A	05/10/2006	6.47	2.77	3.70
G344A	05/17/2006	1.52	3.81	-2.29
G344A	05/24/2006	1.20	2.96	-1.76
G344A	05/31/2006	2.56	3.32	-0.76
G344A	06/07/2006	7.91	3.17	4.74
G344A	06/13/2006	5.28	2.46	2.82
G344A	06/21/2006	5.35	2.52	2.83
G344A	06/27/2006	0.39	2.75	-2.36
G344A	07/05/2006	0.20	2.61	-2.41
G344A	07/12/2006	1.65	3.56	-1.91
G344A	07/19/2006	0.71	2.75	-2.04
G344A	07/26/2006	0.54	2.62	-2.08
G344A	08/02/2006	0.91	2.75	-1.84
G344A	08/09/2006	0.28	2.86	-2.58
G344A	08/15/2006	2.10	2.70	-0.60
G344A	08/23/2006	0.20	2.77	-2.57
G344A	08/31/2006	2.75	3.05	-0.30
G344A	09/07/2006	1.97	2.71	-0.74
G344A	09/13/2006	1.16	2.74	-1.58
G344A	09/27/2006	0.57	2.58	-2.01
G344A	10/04/2006	1.50	3.56	-2.06
G344A	10/11/2006	0.67	3.14	-2.47
G344A	10/18/2006	0.80	3.26	-2.46
G344A	10/25/2006	1.09	3.93	-2.84
G344A	11/01/2006	1.13	3.29	-2.16
G344A	11/08/2006	0.58	3.34	-2.76
G344A	11/15/2006	1.89	2.96	-1.07
G344A	11/20/2006	4.91	4.60	0.31
G344A	11/29/2006	6.55	3.42	3.13
G344A	12/07/2006	0.89	3.75	-2.86
G344A	12/13/2006	1.88	3.86	-1.98
G344A	12/21/2006	0.38	3.63	-3.25
G344A	12/28/2006	5.43	4.33	1.10
G344A	01/04/2007	0.60	3.17	-2.57
G344A	01/11/2007	5.97	4.59	1.38
G344A	01/18/2007	6.01	3.28	2.73
G344A	01/25/2007	6.50	3.43	3.07
G344A	02/01/2007	8.44	3.89	4.55

Table 5. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G344A	02/15/2007	2.39	3.43	-1.04
G344A	02/21/2007	7.27	4.45	2.82
G344A	03/01/2007	6.79	4.70	2.09
G344A	03/07/2007	5.01	3.44	1.57
G344A	03/15/2007	3.50	3.72	-0.22
G344A	03/21/2007	4.12	3.89	0.23
G344A	03/29/2007	2.52	3.72	-1.20
G344A	04/04/2007	1.90	3.27	-1.37
G344A	04/12/2007	3.29	3.46	-0.17
G344A	04/18/2007	5.45	3.75	1.70
G344A	04/26/2007	3.60	3.02	0.58
G344B	05/03/2006	3.68	3.74	-0.06
G344B	05/10/2006	2.99	3.30	-0.31
G344B	05/17/2006	2.42	3.69	-1.27
G344B	05/24/2006	1.41	3.23	-1.82
G344B	05/31/2006	3.13	3.43	-0.30
G344B	06/07/2006	4.78	3.77	1.01
G344B	06/13/2006	3.17	2.75	0.42
G344B	06/21/2006	3.62	2.86	0.76
G344B	06/27/2006	3.15	2.96	0.19
G344B	07/05/2006	2.34	2.69	-0.35
G344B	07/12/2006	3.57	3.93	-0.36
G344B	07/19/2006	0.47	2.76	-2.29
G344B	07/26/2006	0.12	2.96	-2.84
G344B	08/02/2006	1.57	2.89	-1.32
G344B	08/09/2006	0.30	3.04	-2.74
G344B	08/15/2006	0.45	2.98	-2.53
G344B	08/23/2006	0.23	2.85	-2.62
G344B	08/31/2006	2.73	3.23	-0.50
G344B	09/07/2006	1.79	2.79	-1.00
G344B	09/13/2006	1.56	3.03	-1.47
G344B	09/20/2006	2.07	3.03	-0.96
G344B	09/27/2006	1.40	2.75	-1.35
G344B	10/04/2006	3.37	5.30	-1.93
G344B	10/11/2006	0.99	3.54	-2.55
G344B	10/18/2006	1.54	3.64	-2.10
G344B	10/25/2006	6.07	4.34	1.73
G344B	11/01/2006	3.72	2.97	0.75
G344B	11/08/2006	1.58	3.31	-1.73

Table 5. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G344B	11/15/2006	1.93	3.31	-1.38
G344B	11/20/2006	7.53	4.84	2.69
G344B	11/29/2006	2.28	3.62	-1.34
G344B	12/07/2006	3.80	3.83	-0.03
G344B	12/13/2006	3.31	3.55	-0.24
G344B	12/21/2006	2.72	3.79	-1.07
G344B	12/28/2006	6.15	4.75	1.40
G344B	01/04/2007	2.28	3.20	-0.92
G344B	01/11/2007	5.94	4.67	1.27
G344B	01/18/2007	4.09	3.27	0.82
G344B	01/25/2007	4.85	4.23	0.62
G344B	02/01/2007	8.43	4.29	4.14
G344B	02/15/2007	3.12	3.83	-0.71
G344B	02/21/2007	6.07	4.51	1.56
G344B	03/01/2007	1.76	3.32	-1.56
G344B	03/07/2007	4.99	4.04	0.95
G344B	03/15/2007	2.98	4.28	-1.30
G344B	03/21/2007	3.82	4.38	-0.56
G344B	03/29/2007	3.30	3.84	-0.54
G344B	04/04/2007	2.20	3.32	-1.12
G344B	04/12/2007	2.68	3.42	-0.74
G344B	04/18/2007	6.76	3.72	3.04
G344B	04/26/2007	3.91	3.25	0.66
G344C	06/07/2006	4.69	4.05	0.64
G344C	07/19/2006	0.98	3.08	-2.10
G344C	07/26/2006	0.29	2.93	-2.64
G344C	08/02/2006	1.69	3.05	-1.36
G344C	08/09/2006	1.03	3.02	-1.99
G344C	08/15/2006	1.67	2.93	-1.26
G344C	08/23/2006	2.76	2.87	-0.11
G344C	08/31/2006	3.70	3.38	0.32
G344C	09/07/2006	3.62	3.00	0.62
G344C	09/13/2006	1.76	3.20	-1.44
G344C	09/20/2006	4.33	3.27	1.06
G344C	09/27/2006	1.61	2.84	-1.23
G344C	10/04/2006	2.98	3.75	-0.77
G344C	10/11/2006	1.03	3.92	-2.89
G344C	10/18/2006	3.54	3.75	-0.21
G344C	10/25/2006	5.29	4.47	0.82

Table 5. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G344C	11/01/2006	5.75	2.93	2.82
G344C	11/08/2006	4.17	3.09	1.08
G344C	11/15/2006	5.72	3.23	2.49
G344C	11/20/2006	7.56	4.94	2.62
G344C	11/29/2006	3.24	3.69	-0.45
G344C	12/07/2006	5.51	3.95	1.56
G344C	12/13/2006	5.28	3.70	1.58
G344C	12/21/2006	6.01	3.89	2.12
G344C	12/28/2006	8.80	4.77	4.03
G344C	01/04/2007	4.60	3.18	1.42
G344C	01/11/2007	7.85	4.73	3.12
G344C	01/18/2007	7.03	3.69	3.34
G344C	01/25/2007	5.37	4.31	1.06
G344C	02/01/2007	10.40	4.65	5.75
G344C	02/15/2007	4.43	3.98	0.45
G344C	02/21/2007	9.57	4.81	4.76
G344C	03/01/2007	1.85	3.46	-1.61
G344C	03/07/2007	6.03	4.18	1.85
G344C	03/15/2007	4.98	4.48	0.50
G344C	03/21/2007	3.63	4.58	-0.95
G344C	03/29/2007	6.58	4.03	2.55
G344C	04/04/2007	4.15	3.53	0.62
G344C	04/12/2007	4.43	3.60	0.83
G344C	04/18/2007	7.24	4.04	3.20
G344C	04/26/2007	4.77	3.45	1.32
G344D	06/07/2006	6.25	4.05	2.20
G344D	07/19/2006	1.06	3.14	-2.08
G344D	07/26/2006	5.71	3.14	2.57
G344D	08/02/2006	2.84	3.03	-0.19
G344D	08/09/2006	2.24	3.09	-0.85
G344D	08/15/2006	1.62	2.94	-1.32
G344D	08/23/2006	2.37	3.05	-0.68
G344D	08/31/2006	4.30	3.59	0.71
G344D	09/07/2006	4.37	3.12	1.25
G344D	09/13/2006	2.90	3.43	-0.53
G344D	09/20/2006	3.81	3.49	0.32
G344D	09/27/2006	1.65	3.20	-1.55
G344D	10/04/2006	3.97	3.93	0.04
G344D	10/11/2006	2.46	3.91	-1.45

Table 5. Continued.

STA Outflow Station	Sampling Date	Measured Dissolved Oxygen (mg/L) [DO]	SSAC Lower Limit (mg/L) [SSAC]	Residual Dissolved Oxygen [DO] – [SSAC]
G344D	10/18/2006	3.42	4.06	-0.64
G344D	10/25/2006	6.13	4.84	1.29
G344D	11/01/2006	6.13	2.92	3.21
G344D	11/08/2006	4.12	3.29	0.83
G344D	11/15/2006	5.15	3.33	1.82
G344D	11/20/2006	10.00	5.39	4.61
G344D	11/29/2006	5.11	3.77	1.34
G344D	12/07/2006	7.89	4.08	3.81
G344D	12/13/2006	7.87	3.72	4.15
G344D	12/21/2006	7.67	3.97	3.70
G344D	12/28/2006	9.13	5.17	3.96
G344D	01/04/2007	5.59	3.49	2.10
G344D	01/11/2007	7.84	4.94	2.90
G344D	01/18/2007	6.82	3.85	2.97
G344D	01/25/2007	6.10	4.79	1.31
G344D	02/01/2007	11.80	4.78	7.02
G344D	02/15/2007	5.36	4.42	0.94
G344D	02/21/2007	9.07	5.21	3.86
G344D	03/01/2007	2.83	3.42	-0.59
G344D	03/07/2007	7.40	4.25	3.15
G344D	03/15/2007	5.58	4.70	0.88
G344D	03/21/2007	5.37	4.71	0.66
G344D	03/29/2007	7.09	4.10	2.99
G344D	04/04/2007	4.22	3.59	0.63
G344D	04/12/2007	4.99	3.69	1.30
G344D	04/18/2007	8.73	4.13	4.60
G344D	04/26/2007	5.74	3.62	2.12