

Appendix 5-9: Monthly Water Quality Data for Marsh Transect Stations at STA-1W, STA-1E, STA-2 and STA-5

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Table 1. Transect water quality data during Water Year 2008 (WY2008) (May 1, 2007–April 30, 2008) for Stormwater Treatment Area (STA) 1 West.

Transect Station	Distance from Canal (km)	Sampling Date and Time		Parameter Name	Value
LOXA104	0	12/18/2007	12:07	Conductivity (µS/cm)	833
LOXA104	0	12/18/2007	12:07	Total Phosphorus (µg/L)	51
LOXA104	0	01/28/2008	09:10	Conductivity (µS/cm)	608
LOXA104	0	01/28/2008	09:10	Total Phosphorus (µg/L)	36
LOXA104	0	02/28/2008	10:05	Conductivity (µS/cm)	479
LOXA104	0	02/28/2008	10:05	Total Phosphorus (µg/L)	34
LOXA104	0	03/25/2008	08:50	Conductivity (µS/cm)	447
LOXA104	0	03/25/2008	08:50	Total Phosphorus (µg/L)	38
LOXA104	0	04/23/2008	13:50	Total Phosphorus (µg/L)	24
LOXA104.5	0.4	12/18/2007	11:45	Conductivity (µS/cm)	606
LOXA104.5	0.4	12/18/2007	11:45	Total Phosphorus (µg/L)	24
LOXA104.5	0.4	01/28/2008	09:16	Conductivity (µS/cm)	483
LOXA104.5	0.4	01/28/2008	09:16	Total Phosphorus (µg/L)	23
LOXA104.5	0.4	02/28/2008	10:15	Conductivity (µS/cm)	353
LOXA104.5	0.4	02/28/2008	10:15	Total Phosphorus (µg/L)	26
LOXA104.5	0.4	03/25/2008	09:05	Conductivity (µS/cm)	245
LOXA104.5	0.4	03/25/2008	09:05	Total Phosphorus (µg/L)	19
LOXA104.5	0.4	04/23/2008	14:00	Total Phosphorus (µg/L)	27
LOXA105	0.8	08/02/2007	08:42	Total Phosphorus (µg/L)	47
LOXA105	0.8	09/20/2007	09:01	Total Phosphorus (µg/L)	24
LOXA105	0.8	10/11/2007	09:54	Total Phosphorus (µg/L)	18
LOXA105	0.8	11/20/2007	14:43	Total Phosphorus (µg/L)	10
LOXA105	0.8	12/17/2007	09:33	Total Phosphorus (µg/L)	12
LOXA105	0.8	12/18/2007	12:15	Conductivity (µS/cm)	477
LOXA105	0.8	12/18/2007	12:15	Total Phosphorus (µg/L)	13
LOXA105	0.8	01/15/2008	09:52	Total Phosphorus (µg/L)	12
LOXA105	0.8	01/28/2008	09:25	Conductivity (µS/cm)	376
LOXA105	0.8	01/28/2008	09:25	Total Phosphorus (µg/L)	12
LOXA105	0.8	02/12/2008	09:28	Total Phosphorus (µg/L)	11
LOXA105	0.8	02/28/2008	10:25	Conductivity (µS/cm)	242
LOXA105	0.8	02/28/2008	10:25	Total Phosphorus (µg/L)	9
LOXA105	0.8	03/25/2008	08:55	Conductivity (µS/cm)	195
LOXA105	0.8	03/25/2008	08:55	Total Phosphorus (µg/L)	12
LOXA106	1.1	12/18/2007	12:30	Conductivity (µS/cm)	212
LOXA106	1.1	12/18/2007	12:30	Total Phosphorus (µg/L)	9
LOXA106	1.1	01/28/2008	09:30	Conductivity (µS/cm)	250
LOXA106	1.1	01/28/2008	09:30	Total Phosphorus (µg/L)	9
LOXA106	1.1	02/28/2008	10:33	Conductivity (µS/cm)	173
LOXA106	1.1	02/28/2008	10:33	Total Phosphorus (µg/L)	9
LOXA106	1.1	03/25/2008	09:15	Conductivity (µS/cm)	150
LOXA106	1.1	03/25/2008	09:15	Total Phosphorus (µg/L)	8
LOXA107	2.2	12/18/2007	12:40	Conductivity (µS/cm)	175
LOXA107	2.2	12/18/2007	12:40	Total Phosphorus (µg/L)	7
LOXA107	2.2	01/28/2008	09:37	Conductivity (µS/cm)	200
LOXA107	2.2	01/28/2008	09:37	Total Phosphorus (µg/L)	8

Table 1. Continued.

Transect Station	Distance from Canal (km)	Sampling Date and Time		Parameter Name	Value
LOXA107	2.2	02/28/2008	10:38	Conductivity ($\mu\text{S}/\text{cm}$)	143
LOXA107	2.2	02/28/2008	10:38	Total Phosphorus ($\mu\text{g}/\text{L}$)	7
LOXA107	2.2	03/25/2008	09:25	Conductivity ($\mu\text{S}/\text{cm}$)	128
LOXA107	2.2	03/25/2008	09:25	Total Phosphorus ($\mu\text{g}/\text{L}$)	6
LOXA107U	3.4	12/18/2007	12:50	Conductivity ($\mu\text{S}/\text{cm}$)	138
LOXA107U	3.4	12/18/2007	12:50	Total Phosphorus ($\mu\text{g}/\text{L}$)	7
LOXA107U	3.4	01/28/2008	09:43	Conductivity ($\mu\text{S}/\text{cm}$)	176
LOXA107U	3.4	01/28/2008	09:43	Total Phosphorus ($\mu\text{g}/\text{L}$)	7
LOXA107U	3.4	02/28/2008	10:47	Conductivity ($\mu\text{S}/\text{cm}$)	116
LOXA107U	3.4	02/28/2008	10:47	Total Phosphorus ($\mu\text{g}/\text{L}$)	6
LOXA107U	3.4	03/25/2008	09:30	Conductivity ($\mu\text{S}/\text{cm}$)	113
LOXA107U	3.4	03/25/2008	09:30	Total Phosphorus ($\mu\text{g}/\text{L}$)	7
LOXA108	4.1	09/20/2007	09:13	Total Phosphorus ($\mu\text{g}/\text{L}$)	10
LOXA108	4.1	10/11/2007	09:43	Total Phosphorus ($\mu\text{g}/\text{L}$)	10
LOXA108	4.1	11/20/2007	14:32	Total Phosphorus ($\mu\text{g}/\text{L}$)	7
LOXA108	4.1	12/17/2007	09:21	Total Phosphorus ($\mu\text{g}/\text{L}$)	8
LOXA108	4.1	12/18/2007	13:00	Conductivity ($\mu\text{S}/\text{cm}$)	135
LOXA108	4.1	12/18/2007	13:00	Total Phosphorus ($\mu\text{g}/\text{L}$)	6
LOXA108	4.1	01/15/2008	09:41	Total Phosphorus ($\mu\text{g}/\text{L}$)	7
LOXA108	4.1	01/28/2008	09:52	Conductivity ($\mu\text{S}/\text{cm}$)	161
LOXA108	4.1	01/28/2008	09:52	Total Phosphorus ($\mu\text{g}/\text{L}$)	7
LOXA108	4.1	02/12/2008	09:16	Total Phosphorus ($\mu\text{g}/\text{L}$)	10
LOXA108	4.1	02/28/2008	10:58	Conductivity ($\mu\text{S}/\text{cm}$)	112
LOXA108	4.1	02/28/2008	10:58	Total Phosphorus ($\mu\text{g}/\text{L}$)	5
LOXA108	4.1	03/25/2008	09:40	Conductivity ($\mu\text{S}/\text{cm}$)	110
LOXA108	4.1	03/25/2008	09:40	Total Phosphorus ($\mu\text{g}/\text{L}$)	10

Table 2. Transect water quality data during WY2008 for STA-1 East.

Transect Station	Distance from Canal (km)	Sampling Date and Time		Parameter Name	Value
LOXA135	0.0	12/18/2007	14:07	Conductivity (µS/cm)	708
LOXA135	0.0	12/18/2007	14:07	Total Phosphorus (µg/L)	22
LOXA135	0.0	01/28/2008	10:28	Conductivity (µS/cm)	669
LOXA135	0.0	01/28/2008	10:28	Total Phosphorus (µg/L)	25
LOXA135	0.0	02/28/2008	11:51	Conductivity (µS/cm)	569
LOXA135	0.0	02/28/2008	11:51	Total Phosphorus (µg/L)	18
LOXA135	0.0	03/25/2008	10:40	Conductivity (µS/cm)	570
LOXA135	0.0	03/25/2008	10:40	Total Phosphorus (µg/L)	11
LOXA135	0.0	04/23/2008	15:20	Total Phosphorus (µg/L)	41
LOXA136	0.6	12/18/2007	13:55	Conductivity (µS/cm)	343
LOXA136	0.6	12/18/2007	13:55	Total Phosphorus (µg/L)	15
LOXA136	0.6	01/28/2008	10:18	Conductivity (µS/cm)	324
LOXA136	0.6	01/28/2008	10:18	Total Phosphorus (µg/L)	23
LOXA136	0.6	02/28/2008	11:40	Conductivity (µS/cm)	211
LOXA136	0.6	02/28/2008	11:40	Total Phosphorus (µg/L)	12
LOXA136	0.6	03/25/2008	10:25	Conductivity (µS/cm)	159
LOXA136	0.6	03/25/2008	10:25	Total Phosphorus (µg/L)	15
LOXA136	0.6	04/23/2008	15:10	Total Phosphorus (µg/L)	10
LOXA137	1.1	07/03/2007	09:33	Total Phosphorus (µg/L)	14
LOXA137	1.1	08/02/2007	09:04	Total Phosphorus (µg/L)	13
LOXA137	1.1	09/20/2007	09:52	Total Phosphorus (µg/L)	17
LOXA137	1.1	10/11/2007	10:33	Total Phosphorus (µg/L)	11
LOXA137	1.1	11/20/2007	15:15	Total Phosphorus (µg/L)	7
LOXA137	1.1	12/17/2007	10:08	Total Phosphorus (µg/L)	8
LOXA137	1.1	12/18/2007	13:45	Conductivity (µS/cm)	235
LOXA137	1.1	12/18/2007	13:45	Total Phosphorus (µg/L)	7
LOXA137	1.1	01/15/2008	10:30	Total Phosphorus (µg/L)	10
LOXA137	1.1	01/28/2008	10:11	Conductivity (µS/cm)	242
LOXA137	1.1	01/28/2008	10:11	Total Phosphorus (µg/L)	10
LOXA137	1.1	02/12/2008	10:00	Total Phosphorus (µg/L)	7
LOXA137	1.1	02/28/2008	11:27	Conductivity (µS/cm)	156
LOXA137	1.1	02/28/2008	11:27	Total Phosphorus (µg/L)	6
LOXA137	1.1	03/25/2008	10:15	Conductivity (µS/cm)	107
LOXA137	1.1	03/25/2008	10:15	Total Phosphorus (µg/L)	7
LOXA137	1.1	04/23/2008	15:00	Total Phosphorus (µg/L)	10
LOXA138	2.1	12/18/2007	13:30	Conductivity (µS/cm)	158
LOXA138	2.1	12/18/2007	13:30	Total Phosphorus (µg/L)	7
LOXA138	2.1	01/28/2008	10:08	Conductivity (µS/cm)	179
LOXA138	2.1	01/28/2008	10:08	Total Phosphorus (µg/L)	8
LOXA138	2.1	02/28/2008	11:22	Conductivity (µS/cm)	124
LOXA138	2.1	02/28/2008	11:22	Total Phosphorus (µg/L)	7
LOXA138	2.1	03/25/2008	10:05	Conductivity (µS/cm)	88
LOXA138	2.1	03/25/2008	10:05	Total Phosphorus (µg/L)	6

Table 2. Continued.

Transect Station	Distance from Canal (km)	Sampling Date and Time		Parameter Name	Value
LOXA138	2.1	04/23/2008	14:53	Total Phosphorus (µg/L)	9
LOXA139	4.0	12/18/2007	13:20	Conductivity (µS/cm)	106
LOXA139	4.0	12/18/2007	13:20	Total Phosphorus (µg/L)	8
LOXA139	4.0	01/28/2008	10:00	Conductivity (µS/cm)	126
LOXA139	4.0	01/28/2008	10:00	Total Phosphorus (µg/L)	7
LOXA139	4.0	02/28/2008	11:13	Conductivity (µS/cm)	103
LOXA139	4.0	02/28/2008	11:13	Total Phosphorus (µg/L)	7
LOXA139	4.0	03/25/2008	09:55	Conductivity (µS/cm)	78
LOXA139	4.0	03/25/2008	09:55	Total Phosphorus (µg/L)	10
LOXA139	4.0	04/23/2008	14:45	Total Phosphorus (µg/L)	6

Table 3. Transect water quality data during WY2008 for STA-2.

Transect Station	Distance from Canal (km)	Sampling Date and Time		Parameter Name	Value
2AN.25	0.2	08/13/2007	12:43	Conductivity (µS/cm)	1023
2AN.25	0.2	08/13/2007	12:43	Total Phosphorus (mg/L)	21
2AN.25	0.2	09/06/2007	12:31	Conductivity (µS/cm)	1008
2AN.25	0.2	09/06/2007	12:31	Total Phosphorus (mg/L)	36
2AN.25	0.2	10/10/2007	13:06	Conductivity (µS/cm)	1227
2AN.25	0.2	10/10/2007	13:06	Total Phosphorus (mg/L)	23
2AN.25	0.2	11/07/2007	12:40	Conductivity (µS/cm)	1214
2AN.25	0.2	11/07/2007	12:40	Total Phosphorus (mg/L)	18
2AN.25	0.2	12/05/2007	12:28	Conductivity (µS/cm)	1274
2AN.25	0.2	12/05/2007	12:28	Total Phosphorus (mg/L)	24
2AN.25	0.2	03/10/2008	09:05	Conductivity (µS/cm)	1204
2AN.25	0.2	03/10/2008	09:05	Total Phosphorus (mg/L)	20
2AN.25	0.2	04/07/2008	11:45	Conductivity (µS/cm)	967
2AN.25	0.2	04/07/2008	11:45	Total Phosphorus (mg/L)	20
2AN1	0.9	08/13/2007	12:32	Conductivity (µS/cm)	1027
2AN1	0.9	08/13/2007	12:32	Total Phosphorus (mg/L)	25
2AN1	0.9	09/06/2007	12:19	Conductivity (µS/cm)	1031
2AN1	0.9	09/06/2007	12:19	Total Phosphorus (mg/L)	22
2AN1	0.9	10/10/2007	12:55	Conductivity (µS/cm)	1220
2AN1	0.9	10/10/2007	12:55	Total Phosphorus (mg/L)	23
2AN1	0.9	11/07/2007	12:28	Conductivity (µS/cm)	1203
2AN1	0.9	11/07/2007	12:28	Total Phosphorus (mg/L)	13
2AN1	0.9	12/05/2007	12:19	Conductivity (µS/cm)	1216
2AN1	0.9	12/05/2007	12:19	Total Phosphorus (mg/L)	19
2AN1	0.9	03/10/2008	09:35	Conductivity (µS/cm)	1162
2AN1	0.9	03/10/2008	09:35	Total Phosphorus (mg/L)	19
2AN1	0.9	04/07/2008	11:58	Conductivity (µS/cm)	825
2AN1	0.9	04/07/2008	11:58	Total Phosphorus (mg/L)	13
2AN2	1.9	07/09/2007	09:15	Conductivity (µS/cm)	879
2AN2	1.9	07/09/2007	09:15	Total Phosphorus (mg/L)	20
2AN2	1.9	08/13/2007	12:19	Conductivity (µS/cm)	1029
2AN2	1.9	08/13/2007	12:19	Total Phosphorus (mg/L)	11
2AN2	1.9	10/10/2007	12:44	Conductivity (µS/cm)	1233
2AN2	1.9	10/10/2007	12:44	Total Phosphorus (mg/L)	19
2AN2	1.9	11/07/2007	12:15	Conductivity (µS/cm)	1226
2AN2	1.9	11/07/2007	12:15	Total Phosphorus (mg/L)	8
2AN2	1.9	03/10/2008	09:50	Conductivity (µS/cm)	1077
2AN2	1.9	03/10/2008	09:50	Total Phosphorus (mg/L)	14
2AN2	1.9	04/07/2008	12:08	Conductivity (µS/cm)	579
2AN2	1.9	04/07/2008	12:08	Total Phosphorus (mg/L)	16
2AN4	3.7	07/09/2007	09:55	Conductivity (µS/cm)	705
2AN4	3.7	07/09/2007	09:55	Total Phosphorus (mg/L)	11
2AN4	3.7	08/13/2007	12:05	Conductivity (µS/cm)	998
2AN4	3.7	08/13/2007	12:05	Total Phosphorus (mg/L)	6

Table 3. Continued.

Transect Station	Distance from Canal (km)	Sampling Date and Time		Parameter Name	Value
2AN4	3.7	09/06/2007	12:03	Conductivity (µS/cm)	1001
2AN4	3.7	09/06/2007	12:03	Total Phosphorus (mg/L)	12
2AN4	3.7	10/10/2007	11:44	Conductivity (µS/cm)	1191
2AN4	3.7	10/10/2007	11:44	Total Phosphorus (mg/L)	7
2AN4	3.7	11/07/2007	12:02	Conductivity (µS/cm)	1214
2AN4	3.7	11/07/2007	12:02	Total Phosphorus (mg/L)	6
2AN4	3.7	03/10/2008	10:05	Conductivity (µS/cm)	1087
2AN4	3.7	03/10/2008	10:05	Total Phosphorus (mg/L)	10
2AN4	3.7	04/07/2008	12:20	Conductivity (µS/cm)	566
2AN4	3.7	04/07/2008	12:20	Total Phosphorus (mg/L)	5
2AC4	6.8	08/13/2007	11:52	Conductivity (µS/cm)	866
2AC4	6.8	08/13/2007	11:52	Total Phosphorus (mg/L)	6
2AC4	6.8	10/10/2007	11:03	Conductivity (µS/cm)	1158
2AC4	6.8	10/10/2007	11:03	Total Phosphorus (mg/L)	8
2AC4	6.8	11/07/2007	11:15	Conductivity (µS/cm)	1187
2AC4	6.8	11/07/2007	11:15	Total Phosphorus (mg/L)	9
2AC4	6.8	03/10/2008	10:22	Conductivity (µS/cm)	818
2AC4	6.8	03/10/2008	10:22	Total Phosphorus (mg/L)	6
2AC4	6.8	04/07/2008	11:12	Conductivity (µS/cm)	556
2AC4	6.8	04/07/2008	11:12	Total Phosphorus (mg/L)	5
2AFS.25	0.4	08/13/2007	09:55	Conductivity (µS/cm)	1065
2AFS.25	0.4	08/13/2007	09:55	Total Phosphorus (mg/L)	32
2AFS.25	0.4	09/06/2007	10:04	Conductivity (µS/cm)	1044
2AFS.25	0.4	09/06/2007	10:04	Total Phosphorus (mg/L)	27
2AFS.25	0.4	10/10/2007	09:48	Conductivity (µS/cm)	1228
2AFS.25	0.4	10/10/2007	09:48	Total Phosphorus (mg/L)	23
2AFS.25	0.4	11/07/2007	09:33	Conductivity (µS/cm)	1231
2AFS.25	0.4	11/07/2007	09:33	Total Phosphorus (mg/L)	15
2AFS.25	0.4	12/05/2007	10:30	Conductivity (µS/cm)	1240
2AFS.25	0.4	12/05/2007	10:30	Total Phosphorus (mg/L)	17
2AFS.25	0.4	01/14/2008	09:30	Conductivity (µS/cm)	1378
2AFS.25	0.4	01/14/2008	09:30	Total Phosphorus (mg/L)	18
2AFS.25	0.4	03/12/2008	12:31	Conductivity (µS/cm)	1016
2AFS.25	0.4	03/12/2008	12:31	Total Phosphorus (mg/L)	15
2AFS.25	0.4	04/07/2008	09:26	Conductivity (µS/cm)	503
2AFS.25	0.4	04/07/2008	09:26	Total Phosphorus (mg/L)	15
FS1	1.0	08/13/2007	09:35	Conductivity (µS/cm)	1075
FS1	1.0	08/13/2007	09:35	Total Phosphorus (mg/L)	27
FS1	1.0	09/06/2007	09:47	Conductivity (µS/cm)	1030
FS1	1.0	09/06/2007	09:47	Total Phosphorus (mg/L)	36
FS1	1.0	10/10/2007	09:38	Conductivity (µS/cm)	1225
FS1	1.0	10/10/2007	09:38	Total Phosphorus (mg/L)	15
FS1	1.0	11/07/2007	09:16	Conductivity (µS/cm)	1206
FS1	1.0	11/07/2007	09:16	Total Phosphorus (mg/L)	12
FS1	1.0	12/05/2007	10:19	Conductivity (µS/cm)	1194

Table 3. Continued.

Transect Station	Distance from Canal (km)	Sampling Date and Time		Parameter Name	Value
FS1	1.0	12/05/2007	10:19	Total Phosphorus (mg/L)	14
FS1	1.0	03/12/2008	12:16	Conductivity (µS/cm)	1255
FS1	1.0	03/12/2008	12:16	Total Phosphorus (mg/L)	16
FS1	1.0	04/07/2008	09:14	Conductivity (µS/cm)	477
FS1	1.0	04/07/2008	09:14	Total Phosphorus (mg/L)	11
FS3	3.1	07/09/2007	11:55	Conductivity (µS/cm)	1487
FS3	3.1	07/09/2007	11:55	Total Phosphorus (mg/L)	12
FS3	3.1	08/13/2007	09:02	Conductivity (µS/cm)	1046
FS3	3.1	08/13/2007	09:02	Total Phosphorus (mg/L)	8
FS3	3.1	09/06/2007	09:09	Conductivity (µS/cm)	951
FS3	3.1	09/06/2007	09:09	Total Phosphorus (mg/L)	7
FS3	3.1	10/10/2007	09:10	Conductivity (µS/cm)	1217
FS3	3.1	10/10/2007	09:10	Total Phosphorus (mg/L)	9
FS3	3.1	11/07/2007	08:45	Conductivity (µS/cm)	1080
FS3	3.1	11/07/2007	08:45	Total Phosphorus (mg/L)	7
FS3	3.1	12/05/2007	09:41	Conductivity (µS/cm)	1175
FS3	3.1	12/05/2007	09:41	Total Phosphorus (mg/L)	6
FS3	3.1	01/14/2008	08:55	Conductivity (µS/cm)	1287
FS3	3.1	01/14/2008	08:55	Total Phosphorus (mg/L)	10
FS3	3.1	03/12/2008	11:45	Conductivity (µS/cm)	1102
FS3	3.1	03/12/2008	11:45	Total Phosphorus (mg/L)	11
FS3	3.1	04/07/2008	08:45	Conductivity (µS/cm)	501
FS3	3.1	04/07/2008	08:45	Total Phosphorus (mg/L)	9
CA29	5.6	07/11/2007	09:06	Conductivity (µS/cm)	1591
CA29	5.6	07/11/2007	09:06	Total Phosphorus (mg/L)	12
CA29	5.6	07/23/2007	09:25	Conductivity (µS/cm)	962
CA29	5.6	07/23/2007	09:25	Total Phosphorus (mg/L)	7
CA29	5.6	08/06/2007	09:05	Conductivity (µS/cm)	766
CA29	5.6	08/06/2007	09:05	Total Phosphorus (mg/L)	8
CA29	5.6	08/20/2007	09:10	Conductivity (µS/cm)	829
CA29	5.6	08/20/2007	09:10	Total Phosphorus (mg/L)	5
CA29	5.6	09/04/2007	09:05	Conductivity (µS/cm)	920
CA29	5.6	09/04/2007	09:05	Total Phosphorus (mg/L)	5
CA29	5.6	09/19/2007	08:58	Conductivity (µS/cm)	853
CA29	5.6	09/19/2007	08:58	Total Phosphorus (mg/L)	8
CA29	5.6	10/01/2007	09:30	Conductivity (µS/cm)	827
CA29	5.6	10/01/2007	09:30	Total Phosphorus (mg/L)	6
CA29	5.6	10/17/2007	09:36	Conductivity (µS/cm)	995
CA29	5.6	10/17/2007	09:36	Total Phosphorus (mg/L)	6
CA29	5.6	10/29/2007	09:25	Conductivity (µS/cm)	956
CA29	5.6	10/29/2007	09:25	Total Phosphorus (mg/L)	5
CA29	5.6	11/14/2007	09:01	Conductivity (µS/cm)	1046
CA29	5.6	11/14/2007	09:01	Total Phosphorus (mg/L)	5
CA29	5.6	11/26/2007	09:10	Conductivity (µS/cm)	1071
CA29	5.6	11/26/2007	09:10	Total Phosphorus (mg/L)	6
CA29	5.6	12/12/2007	09:09	Conductivity (µS/cm)	1097

Table 3. Continued.

Transect Station	Distance from Canal (km)	Sampling Date and Time		Parameter Name	Value
CA29	5.6	12/12/2007	09:09	Total Phosphorus (mg/L)	5
CA29	5.6	12/26/2007	10:06	Conductivity (µS/cm)	1147
CA29	5.6	12/26/2007	10:06	Total Phosphorus (mg/L)	5
CA29	5.6	01/07/2008	09:35	Conductivity (µS/cm)	1206
CA29	5.6	01/07/2008	09:35	Total Phosphorus (mg/L)	6
CA29	5.6	01/22/2008	09:24	Conductivity (µS/cm)	1252
CA29	5.6	01/22/2008	09:24	Total Phosphorus (mg/L)	10
CA29	5.6	02/04/2008	09:28	Conductivity (µS/cm)	1352
CA29	5.6	02/04/2008	09:28	Total Phosphorus (mg/L)	9
CA29	5.6	02/19/2008	09:32	Conductivity (µS/cm)	894
CA29	5.6	02/19/2008	09:32	Total Phosphorus (mg/L)	9
CA29	5.6	03/03/2008	09:30	Conductivity (µS/cm)	1140
CA29	5.6	03/03/2008	09:30	Total Phosphorus (mg/L)	6
CA29	5.6	03/17/2008	09:10	Conductivity (µS/cm)	1019
CA29	5.6	03/17/2008	09:10	Total Phosphorus (mg/L)	7
CA29	5.6	03/31/2008	09:29	Conductivity (µS/cm)	884
CA29	5.6	03/31/2008	09:29	Total Phosphorus (mg/L)	5
CA29	5.6	04/14/2008	09:30	Conductivity (µS/cm)	578
CA29	5.6	04/14/2008	09:30	Total Phosphorus (mg/L)	5
CA29	5.6	04/28/2008	09:25	Conductivity (µS/cm)	812
CA29	5.6	04/28/2008	09:25	Total Phosphorus (mg/L)	5

Table 4. Transect water quality data during WY2008 for STA-5.

Transect Station	Distance from Canal (km)	Sampling Date and Time		Parameter Name	Value
ROTC1	0.2	07/24/2007	09:56	Total Phosphorus (mg/L)	104
ROTC1	0.2	10/24/2007	10:10	Conductivity (μ S/cm)	659
ROTC1	0.2	10/24/2007	10:10	Total Phosphorus (mg/L)	53
ROTC1	0.2	11/15/2007	09:18	Conductivity (μ S/cm)	769.7
ROTC1	0.2	11/15/2007	09:18	Total Phosphorus (mg/L)	52
ROTC1	0.2	03/17/2008	10:02	Conductivity (μ S/cm)	850
ROTC1	0.2	03/17/2008	10:02	Total Phosphorus (mg/L)	35
ROTC1	0.2	04/24/2008	09:30	Conductivity (μ S/cm)	657
ROTC1	0.2	04/24/2008	09:30	Total Phosphorus (mg/L)	38
ROTC2	2.3	07/24/2007	10:10	Total Phosphorus (mg/L)	56
ROTC2	2.3	03/17/2008	10:13	Conductivity (μ S/cm)	894
ROTC2	2.3	03/17/2008	10:13	Total Phosphorus (mg/L)	21
ROTC2	2.3	04/24/2008	09:40	Conductivity (μ S/cm)	637
ROTC2	2.3	04/24/2008	09:40	Total Phosphorus (mg/L)	14
ROTC3	4.2	04/24/2008	09:50	Conductivity (μ S/cm)	547
ROTC3	4.2	04/24/2008	09:50	Total Phosphorus (mg/L)	32