

**301(h)-Modified
NPDES Permit Reissuance
Questionnaire for Small Dischargers**

Attachment B: Supporting Technical Analysis Effluent Data

**UTULEI WASTEWATER
TREATMENT PLANT**

NPDES Permit No. AS0020001

Submitted By

AMERICAN SAMOA POWER AUTHORITY

May 1, 2006

Table 1
Biological Oxygen Demand [BOD₅]
Data for 2003 - 2005

Jan-03		Feb-03		Mar-03		Apr-03		May-03		Jun-03	
Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l
01/03/03	17	02/06/03	38	03/06/03	48	04/04/03	41	05/08/03	38	06/06/03	44
01/10/03	36	02/13/03	60	03/13/03	34	04/10/03	60	05/16/03	44	06/12/03	68
01/17/03	40	02/21/03	48	03/27/03	42	04/17/03	60	05/23/03	46	06/19/03	48
01/23/03	12	02/27/03	6			04/25/03	48	05/30/03	44	06/27/03	52
01/30/03	42										
Count	5	Count	4	Count	3	Count	4	Count	4	Count	4
Mo. Min	12	Mo. Min	6	Mo. Min	34	Mo. Min	41	Mo. Min	38	Mo. Min	44
Mo. Avg	29.4	Mo. Avg	38	Mo. Avg	41.3	Mo. Avg	52.3	Mo. Avg	43	Mo. Avg	53
Mo. Max	42	Mo. Max	60	Mo. Max	48	Mo. Max	60	Mo. Max	46	Mo. Max	68
Jul-03		Aug-03		Sep-03		Oct-03		Nov-03		Dec-03	
Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l
07/03/03	70	08/08/03	54	09/04/03	42	10/02/03	54	11/06/03	50	12/04/03	43
07/10/03	75	08/14/03	53	09/11/03	92	10/09/03	57	11/13/03	45	12/10/03	59
07/17/03	64	08/21/03	51	09/18/03	53	10/16/03	51	11/20/03	45	12/18/03	61
07/24/03	56	08/28/03	35	09/25/03	83	10/23/03	22	11/26/03	52	12/26/03	64
07/31/03	45					10/30/03	36				
Count	5	Count	4	Count	4	Count	5	Count	4	Count	4
Mo. Min	45	Mo. Min	35	Mo. Min	42	Mo. Min	22	Mo. Min	45	Mo. Min	43
Mo. Avg	62	Mo. Avg	48.3	Mo. Avg	67.6	Mo. Avg	44.1	Mo. Avg	47.9	Mo. Avg	56.7
Mo. Max	75	Mo. Max	54	Mo. Max	92	Mo. Max	57	Mo. Max	52	Mo. Max	64
Jan-04		Feb-04		Mar-04		Apr-04		May-04		Jun-04	
Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l
01/02/04	47	02/05/04	56	03/04/04	60	04/01/04	45	05/06/04	47	06/03/04	46
01/08/04	39	02/12/04	56	03/11/04	46	04/08/04	44	05/13/04	49	06/10/04	48
01/15/04	59	02/19/04	53	03/18/04	37	04/15/04	58	05/21/04	71	06/17/04	44
01/22/04	64	02/26/04	42	03/25/04	54	04/22/04	66	05/27/04	58	06/24/04	45
01/29/04	47					04/29/04	54				
Count	5	Count	4	Count	4	Count	5	Count	4	Count	4
Mo. Min	39	Mo. Min	42	Mo. Min	37	Mo. Min	44	Mo. Min	47	Mo. Min	44
Mo. Avg	51.2	Mo. Avg	51.8	Mo. Avg	49.3	Mo. Avg	53.4	Mo. Avg	56.3	Mo. Avg	45.8
Mo. Max	64	Mo. Max	56	Mo. Max	60	Mo. Max	66	Mo. Max	71	Mo. Max	48
Jul-04		Aug-04		Sep-04		Oct-04		Nov-04		Dec-04	
Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l
07/01/04	51	08/05/04	46	09/02/04	65	10/07/04	23	11/04/04	69	12/02/04	59
07/09/04	49	08/12/04	75	09/09/04	92	10/14/04	44	11/12/04	58	12/09/04	69
07/15/04	54	08/19/04	50	09/16/04	44	10/21/04	85	11/18/04	68	12/16/04	50
07/23/04	56	08/26/04	62	09/23/04	43	10/28/04	34	11/26/04	64	12/23/04	61
07/29/04	47			09/30/04	49					12/30/04	74
Count	5	Count	4	Count	5	Count	4	Count	4	Count	5
Mo. Min	47	Mo. Min	46	Mo. Min	43	Mo. Min	23	Mo. Min	58	Mo. Min	50
Mo. Avg	51.4	Mo. Avg	58.3	Mo. Avg	58.6	Mo. Avg	46.5	Mo. Avg	64.8	Mo. Avg	62.6
Mo. Max	56	Mo. Max	75	Mo. Max	92	Mo. Max	85	Mo. Max	69	Mo. Max	74

Table 1 (continued)
Biological Oxygen Demand [BOD₅]
Data for 2003 - 2005

Jan-05		Feb-05		Mar-05		Mar-05		Mar-05		Jun-05	
Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l
01/06/05	75	02/03/05	74	03/03/05	90	04/07/05	85	05/05/05	57	06/02/05	50
01/13/05	75	02/10/05	65	03/10/05	64	04/14/05	94	05/12/05	69	06/09/05	52
01/21/05	60	02/17/05	68	03/17/05	39	04/21/05	43	05/19/05	61	06/16/05	46
01/27/05	73	02/24/05	70	03/24/05	66	04/28/05	51	05/26/05	57	06/23/05	61
				03/31/05	82					06/30/05	57
Count	4	Count	4	Count	5	Count	4	Count	4	Count	5
Mo. Min	60	Mo. Min	65	Mo. Min	39	Mo. Min	43	Mo. Min	57	Mo. Min	46
Mo. Avg	70.8	Mo. Avg	69.3	Mo. Avg	68.2	Mo. Avg	68.3	Mo. Avg	61.0	Mo. Avg	53.2
Mo. Max	75	Mo. Max	74	Mo. Max	90	Mo. Max	94	Mo. Max	69	Mo. Max	61

Jul-05		Aug-05		Sep-05		Oct-05		Nov-05		Dec-05	
Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l
07/07/05	59	08/04/05	83	09/01/05	66	10/06/05	64	11/03/05	56	12/01/05	46
07/14/05	59	08/11/05	51	09/08/05	54	10/13/05	60	11/10/05	47	12/08/05	55
07/21/05	60	08/18/05	52	09/15/05	71	10/20/05	57	11/17/05	57	12/15/05	56
07/28/05	62	08/25/05	75	09/22/05	64	10/27/05	50	11/25/05	61	12/22/05	54
				09/29/05	35					12/29/05	58
Count	4	Count	4	Count	5	Count	4	Count	4	Count	5
Mo. Min	59	Mo. Min	51	Mo. Min	35	Mo. Min	50	Mo. Min	47	Mo. Min	46
Mo. Avg	60	Mo. Avg	65.3	Mo. Avg	58	Mo. Avg	57.8	Mo. Avg	55.3	Mo. Avg	53.8
Mo. Max	62	Mo. Max	83	Mo. Max	71	Mo. Max	64	Mo. Max	61	Mo. Max	58

Summary 2003 -2005	
Number of Samples	155
Maximum Daily	94
Max Monthly Average	70.8
Long Term Average (all values)	54.8
Minimum Daily	6
Standard Deviation (all values)	14.5

Table 2
Total Suspended Solids [TSS]
Data for 2003 - 2005

Jan-03		Feb-03		Mar-03		Apr-03		May-03		Jun-03	
Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l
01/03/03	36	02/06/03	29	03/06/03	24	04/04/03	33	05/08/03	37	06/06/03	51
01/10/03	29	02/13/03	56	03/13/03	37	04/10/03	42	05/16/03	26	06/12/03	17
01/17/03	58	02/21/03	33	03/20/03	18	04/17/03	24	05/23/03	17	06/19/03	34
01/23/03	23	02/27/03	34	03/27/03	33	04/25/03	21	05/30/03	36	06/27/03	53
01/30/03	35										
Count	5	Count	4	Count	4	Count	4	Count	4	Count	4
Mo. Min	23	Mo. Min	29	Mo. Min	18	Mo. Min	21	Mo. Min	17	Mo. Min	17
Mo. Avg	36.2	Mo. Avg	38	Mo. Avg	28	Mo. Avg	30	Mo. Avg	29	Mo. Avg	38.8
Mo. Max	58	Mo. Max	56	Mo. Max	37	Mo. Max	42	Mo. Max	37	Mo. Max	53
Jul-03		Aug-03		Sep-03		Oct-03		Nov-03		Dec-03	
Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l
07/03/03	37.00	08/08/03	29.00	09/04/03	28.9	10/02/03	35.20	11/06/03	27.38	12/04/03	39.27
07/10/03	25.00	08/14/03	19.00	09/11/03	38	10/09/03	36.00	11/13/03	25.14	12/10/03	31.14
07/17/03	36.00	08/21/03	53.00	09/18/03	74	10/16/03	35.00	11/20/03	37.14	12/18/03	29.43
07/24/03	29.00	08/28/03	48.00	09/25/03	35	10/23/03	31.42	11/26/03	30.85	12/26/03	30.00
07/31/03	46.00					10/30/03	11.73				
Count	5	Count	4	Count	4	Count	5	Count	4	Count	4
Mo. Min	25.0	Mo. Min	19.0	Mo. Min	28.9	Mo. Min	11.7	Mo. Min	25.1	Mo. Min	29.4
Mo. Avg	34.6	Mo. Avg	37.3	Mo. Avg	44.0	Mo. Avg	29.9	Mo. Avg	30.1	Mo. Avg	32.5
Mo. Max	46.0	Mo. Max	53.0	Mo. Max	74.0	Mo. Max	36.0	Mo. Max	37.1	Mo. Max	39.3
Jan-04		Feb-04		Mar-04		Apr-04		May-04		Jun-04	
Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l
01/02/04	22	02/05/04	27	03/04/04	64	04/01/04	32	05/06/04	16	06/03/04	25
01/08/04	26	02/12/04	31	03/11/04	31	04/08/04	32	05/13/04	26	06/10/04	23
01/15/04	31	02/19/04	30	03/18/04	27	04/15/04	27	05/21/04	7	06/17/04	31
01/22/04	26	02/26/04	30	03/25/04	36	04/22/04	46	05/27/04	30	06/24/04	33
01/29/04	50					04/29/04	24				
Count	5	Count	4	Count	4	Count	5	Count	4	Count	4
Mo. Min	22	Mo. Min	27	Mo. Min	27	Mo. Min	24	Mo. Min	7	Mo. Min	23
Mo. Avg	31	Mo. Avg	29.5	Mo. Avg	39.5	Mo. Avg	32.2	Mo. Avg	19.8	Mo. Avg	28
Mo. Max	50	Mo. Max	31	Mo. Max	64	Mo. Max	46	Mo. Max	30	Mo. Max	33
Jul-04		Aug-04		Sep-04		Oct-04		Nov-04		Dec-04	
Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l
07/01/04	27	08/05/04	29	09/02/04	24	10/07/04	32	11/04/04	27	12/02/04	26
07/09/04	20	08/12/04	29	09/09/04	20	10/14/04	27	11/12/04	31	12/09/04	35
07/15/04	23	08/19/04	31	09/16/04	21	10/21/04	21	11/18/04	29	12/16/04	33
07/23/04	24	08/26/04	22	09/23/04	23	10/28/04	26	11/26/04	24	12/23/04	24
07/29/04	25			09/30/04	22					12/30/04	22
Count	5	Count	4	Count	5	Count	4	Count	4	Count	5
Mo. Min	20	Mo. Min	22	Mo. Min	20	Mo. Min	21	Mo. Min	24	Mo. Min	22
Mo. Avg	23.8	Mo. Avg	27.8	Mo. Avg	22.0	Mo. Avg	26.5	Mo. Avg	27.8	Mo. Avg	28.0
Mo. Max	27	Mo. Max	31	Mo. Max	24	Mo. Max	32	Mo. Max	31	Mo. Max	35

Table 2 (continued)
Total Suspended Solids [TSS]
Data for 2003 - 2005

Jan-05		Feb-05		Mar-05		Mar-05		Mar-05		Jun-05	
Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l
01/06/05	25	02/03/05	20	03/03/05	22	04/07/05	22	05/05/05	22	06/02/05	36
01/13/05	26	02/10/05	24	03/10/05	18	04/14/05	35	05/12/05	28	06/09/05	21
01/21/05	23	02/17/05	23	03/17/05	25	04/21/05	16	05/19/05	24	06/16/05	26
01/27/05	25	02/24/05	26	03/24/05	21	04/28/05	21	05/26/05	19	06/23/05	23
				03/31/05	37					06/30/05	23
Count	4	Count	4	Count	5	Count	4	Count	4	Count	5
Mo. Min	23	Mo. Min	20	Mo. Min	18	Mo. Min	16	Mo. Min	19	Mo. Min	21
Mo. Avg	24.8	Mo. Avg	23.3	Mo. Avg	24.6	Mo. Avg	23.5	Mo. Avg	23.3	Mo. Avg	25.8
Mo. Max	26	Mo. Max	26	Mo. Max	37	Mo. Max	35	Mo. Max	28	Mo. Max	36
Jul-05		Aug-05		Sep-05		Oct-05		Nov-05		Dec-05	
Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l	Date	mg/l
07/07/05	29	08/04/05	29	09/01/05	45	10/06/05	30	11/03/05	29	12/01/05	34
07/14/05	24	08/11/05	21	09/08/05	30	10/13/05	31	11/10/05	30	12/08/05	30
07/21/05	28	08/18/05	24	09/15/05	30	10/20/05	35	11/17/05	30	12/15/05	23
07/28/05	18	08/25/05	22	09/22/05	40	10/27/05	28	11/25/05	28	12/22/05	28
				09/29/05	25					12/29/05	29
Count	4	Count	4	Count	5	Count	4	Count	4	Count	5
Mo. Min	18	Mo. Min	21	Mo. Min	25	Mo. Min	28	Mo. Min	28	Mo. Min	23
Mo. Avg	24.8	Mo. Avg	24	Mo. Avg	34	Mo. Avg	31	Mo. Avg	29.3	Mo. Avg	28.8
Mo. Max	29	Mo. Max	29	Mo. Max	45	Mo. Max	35	Mo. Max	30	Mo. Max	34

Summary 2003 -2005	
Number of Samples	156
Maximum Daily	74
Max Monthly Average	44
Long Term Average (all values)	29.5
Minimum Daily	7
Standard Deviation (all values)	9.3

Table 3
pH
Data for 2003 - 2005

Jan-03		Feb-03		Mar-03		Apr-03		May-03		Jun-03	
Date	SU	Date	SU	Date	SU	Date	SU	Date	SU	Date	SU
01/02/03	7.0	02/03/03	7.8	03/04/03	7.3	04/04/03	7.10	05/01/03	7.18	06/02/03	7.10
01/03/03	7.0	02/04/03	7.2	03/05/03	7.3	04/07/03	7.10	05/05/03	7.18	06/03/03	7.15
01/06/03	7.0	02/05/03	7.2	03/06/03	7.3	04/08/03	7.10	05/06/03	7.20	06/04/03	7.15
01/07/03	7.0	02/06/03	7.2	03/10/03	7.2	04/09/03	7.17	05/07/03	7.18	06/05/03	7.15
01/08/03	7.0	02/07/03	7.2	03/11/03	7.3	04/10/03	7.16	05/08/03	7.00	06/06/03	7.10
01/09/03	6.9	02/11/03	7.3	03/12/03	7.3	04/11/03	7.20	05/09/03	7.21	06/09/03	7.10
01/10/03	7.0	02/12/03	7.3	03/13/03	7.3	04/14/03	7.14	05/12/03	7.00	06/10/03	7.20
01/13/03	7.0	02/13/03	7.3	03/14/03	7.3	04/15/03	7.20	05/13/03	7.10	06/11/03	7.05
01/14/03	6.9	02/14/03	7.3	03/17/03	7.3	04/16/03	7.15	05/14/03	7.18	06/12/03	7.21
01/15/03	7.0	02/18/03	7.3	03/18/03	7.3	04/18/03	7.18	05/16/03	7.10	06/13/03	7.10
01/16/03	6.9	02/19/03	7.3	03/19/03	7.2	04/21/03	7.20	05/19/03	7.10	06/16/03	7.05
01/17/03	6.9	02/20/03	7.3	03/20/03	7.2	04/22/03	7.20	05/21/03	7.10	06/17/03	7.06
01/21/03	7.0	02/21/03	7.3	03/21/03	7.2	04/23/03	7.18	05/22/03	7.10	06/18/03	7.04
01/22/03	7.0	02/24/03	7.3	03/24/03	7.2	04/24/03	7.52	05/23/03	7.18	06/19/03	7.10
01/24/03	7.0	02/25/03	7.3	03/25/03	7.1	04/25/03	7.20	05/27/03	7.30	06/20/03	7.10
01/27/03	7.0	02/26/03	7.3	03/26/03	7.1	04/28/03	7.18	05/28/03	7.10	06/23/03	7.10
01/28/03	7.1	02/27/03	7.3	03/27/03	7.0			05/29/03	7.10	06/24/03	7.20
01/29/03	7.2	02/28/03	7.3	03/28/03	7.1			05/30/03	7.30	06/25/03	7.24
01/30/03	7.2			03/31/03	7.1					06/26/03	7.20
01/31/03	7.2									06/27/03	7.04
Count	20	Count	18	Count	19	Count	16	Count	18	Count	20
Mo. Min	6.9	Mo. Min	7.2	Mo. Min	7.0	Mo. Min	7.1	Mo. Min	7.0	Mo. Min	7.0
Mo. Avg	7.0	Mo. Avg	7.3	Mo. Avg	7.2	Mo. Avg	7.2	Mo. Avg	7.1	Mo. Avg	7.1
Mo. Max	7.2	Mo. Max	7.8	Mo. Max	7.3	Mo. Max	7.5	Mo. Max	7.3	Mo. Max	7.2
Jul-03		Aug-03		Sep-03		Oct-03		Nov-03		Dec-03	
Date	SU	Date	SU	Date	SU	Date	SU	Date	SU	Date	SU
07/01/03	7.05	08/01/03	7.15	09/02/03	7.06	10/02/03	7.18	11/03/03	7.18	12/01/03	7.15
07/02/03	7.00	08/04/03	7.00	09/03/03	7.06	10/03/03	7.18	11/04/03	7.16	12/02/03	7.18
07/03/03	7.10	08/05/03	7.10	09/04/03	7.05	10/06/03	7.18	11/05/03	7.17	12/04/03	7.12
07/07/03	7.10	08/06/03	7.10	09/05/03	7.06	10/07/03	7.18	11/06/03	7.18	12/05/03	7.11
07/08/03	7.13	08/07/03	7.10	09/08/03	7.08	10/08/03	7.20	11/07/03	7.03	12/09/03	7.18
07/09/03	7.10	08/11/03	7.15	09/09/03	7.05	10/09/03	7.18	11/10/03	7.18	12/10/03	7.18
07/10/03	7.10	08/12/03	7.10	09/10/03	7.06	10/10/03	7.18	11/12/03	7.13	12/11/03	7.18
07/11/03	7.11	08/13/03	7.10	09/11/03	7.05	10/13/03	7.18	11/13/03	7.18	12/12/03	7.10
07/14/03	7.11	08/14/03	7.18	09/12/03	7.04	10/15/03	7.15	11/14/03	7.18	12/15/03	7.18
07/15/03	7.10	08/15/03	7.21	09/15/03	7.16	10/16/03	7.12	11/17/03	7.18	12/16/03	7.16
07/17/03	7.27	08/19/03	7.10	09/16/03	7.15	10/17/03	7.18	11/18/03	7.16	12/17/03	7.16
07/18/03	7.20	08/20/03	7.20	09/17/03	7.17	10/20/03	7.15	11/19/03	7.18	12/18/03	7.18
07/21/03	7.20	08/21/03	7.20	09/18/03	7.18	10/21/03	7.18	11/20/03	7.18	12/19/03	7.18
07/22/03	7.21	08/22/03	7.13	09/19/03	7.16	10/22/03	7.17	11/21/03	7.13	12/22/03	7.15
07/23/03	7.10	08/25/03	7.10	09/22/03	7.18	10/23/03	7.18	11/24/03	7.18	12/23/03	7.01
07/24/03	7.18	08/26/03	7.18	09/23/03	7.18	10/24/03	7.18	11/25/03	7.12	12/24/03	7.18
07/27/03	7.10	08/27/03	7.18	09/25/03	7.18	10/27/03	7.05	11/26/03	7.11	12/26/03	7.18
07/29/03	7.18	08/28/03	7.60	09/26/03	7.18	10/28/03	7.18	11/28/03	7.15	12/29/03	7.18
07/30/03	7.10	08/29/03	7.05	09/29/03	7.18	10/29/03	7.15			12/30/03	7.19
				09/30/03	7.18	10/30/03	7.18			12/31/03	7.20
						10/31/03	7.19				
Count	19	Count	19	Count	20	Count	21	Count	18	Count	20
Mo. Min	7.0	Mo. Min	7.0	Mo. Min	7.0	Mo. Min	7.1	Mo. Min	7.0	Mo. Min	7.0
Mo. Avg	7.1	Mo. Avg	7.2	Mo. Avg	7.1	Mo. Avg	7.2	Mo. Avg	7.2	Mo. Avg	7.2
Mo. Max	7.3	Mo. Max	7.6	Mo. Max	7.2	Mo. Max	7.2	Mo. Max	7.2	Mo. Max	7.2

Table 3 (continued)											
pH											
Data for 2003 - 2005											
Jan-04		Feb-04		Mar-04		Apr-04		May-04		Jun-04	
Date	SU	Date	SU	Date	SU	Date	SU	Date	SU	Date	SU
01/02/04	6.8	02/03/04	7.3	03/01/04	7.0	04/01/04	7.1	05/03/04	7.1	06/01/04	7.2
01/06/04	7.2	02/04/04	7.3	03/02/04	7.0	04/02/04	7.1	05/04/04	7.0	06/02/04	7.3
01/07/04	7.2	02/05/04	6.7	03/03/04	7.0	04/05/04	7.1	05/05/04	6.9	06/03/04	7.3
01/08/04	7.2	02/06/04	7.2	03/04/04	7.0	04/07/04	7.0	05/06/04	7.0	06/04/04	7.2
01/09/04	7.2	02/09/04	7.0	03/08/04	6.8	04/08/04	7.0	05/07/04	9.2*	06/07/04	7.3
01/12/04	7.4	02/10/04	7.1	03/09/04	6.8	04/12/04	7.1	05/10/04	7.1	06/08/04	7.2
01/13/04	7.2	02/11/04	7.0	03/10/04	7.2	04/13/04	7.1	05/11/04	7.0	06/09/04	7.3
01/14/04	7.0	02/12/04	7.0	03/11/04	7.0	04/14/04	7.1	05/12/04	7.2	06/10/04	7.3
01/15/04	7.2	02/13/04	7.0	03/12/04	7.0	04/15/04	7.2	05/13/04	7.1	06/11/04	7.3
01/16/04	7.2	02/17/04	7.0	03/15/04	7.0	04/19/04	7.1	05/14/04	7.1	06/14/04	7.5
01/20/04	7.2	02/18/04	7.0	03/16/04	7.0	04/20/04	7.1	05/17/04	7.1	06/15/04	7.4
01/21/04	7.2	02/19/04	7.0	03/18/04	7.1	04/21/04	7.2	05/18/04	7.2	06/16/04	7.5
01/22/04	7.2	02/20/04	7.0	03/19/04	7.1	04/22/04	7.0	05/20/04	7.2	06/17/04	7.5
01/23/04	7.2	02/23/04	6.9	03/22/04	7.1	04/26/04	7.1	05/21/04	7.1	06/18/04	7.5
01/26/04	7.2	02/24/04	6.8	03/23/04	7.0	04/27/04	7.1	05/24/04	7.4	06/21/04	7.4
01/28/04	7.2	02/25/04	7.0	03/24/04	7.0	04/28/04	7.2	05/25/04	7.3	06/22/04	7.4
01/30/04	7.2	02/26/04	7.0	03/25/04	7.0	04/29/04	7.2	05/26/04	7.3	06/23/04	7.4
		02/27/04	7.0	03/29/04	7.1			05/27/04	7.3	06/24/04	7.0
				03/31/04	7.1			05/28/04	7.3	06/25/04	7.0
										06/28/04	7.0
										06/29/04	7.0
										06/30/04	7.1
Count	17	Count	18	Count	19	Count	17	Count	18	Count	22
Mo. Min	6.8	Mo. Min	6.7	Mo. Min	6.8	Mo. Min	7.0	Mo. Min	6.9	Mo. Min	7.0
Mo. Avg	7.2	Mo. Avg	7.0	Mo. Avg	7.0	Mo. Avg	7.1	Mo. Avg	7.2	Mo. Avg	7.3
Mo. Max	7.4	Mo. Max	7.3	Mo. Max	7.2	Mo. Max	7.2	Mo. Max	7.4	Mo. Max	7.5
Jul-04		Aug-04		Sep-04		Oct-04		Nov-04		Dec-04	
Date	SU	Date	SU	Date	SU	Date	SU	Date	SU	Date	SU
07/01/04	7.1	08/02/04	7.1	09/01/04	7.0	10/01/04	7.2	11/01/04	7.0	12/01/04	7.1
07/02/04	7.1	08/03/04	7.3	09/02/04	7.1	10/04/04	7.0	11/02/04	7.1	12/02/04	7.0
07/06/04	7.0	08/04/04	7.2	09/03/04	7.1	10/05/04	7.0	11/03/04	7.0	12/03/04	7.1
07/07/04	7.4	08/05/04	7.3	09/07/04	7.0	10/06/04	7.1	11/04/04	7.0	12/06/04	7.0
07/08/04	7.2	08/06/04	7.1	09/08/04	7.1	10/07/04	7.0	11/05/04	7.0	12/07/04	7.1
07/09/04	7.1	08/09/04	7.0	09/09/04	7.2	10/08/04	7.2	11/08/04	7.2	12/08/04	7.0
07/12/04	7.1	08/10/04	7.0	09/10/04	7.0	10/12/04	7.0	11/09/04	7.2	12/09/04	7.0
07/13/04	7.4	08/11/04	7.0	09/13/04	7.0	10/13/04	7.0	11/10/04	7.1	12/10/04	7.0
07/14/04	7.2	08/12/04	7.1	09/14/04	7.1	10/14/04	7.0	11/12/04	7.0	12/13/04	7.0
07/15/04	7.3	08/13/04	7.2	09/15/04	7.1	10/15/04	7.1	11/15/04	7.0	12/14/04	7.0
07/19/04	7.2	08/16/04	7.0	09/16/04	7.0	10/18/04	7.0	11/16/04	7.0	12/15/04	7.0
07/20/04	7.2	08/17/04	7.0	09/17/04	7.1	10/19/04	7.1	11/17/04	7.0	12/16/04	7.0
07/21/04	7.3	08/18/04	7.0	09/20/04	7.0	10/20/04	7.0	11/18/04	7.2	12/17/04	7.0
07/22/04	7.3	08/19/04	7.0	09/21/04	7.0	10/21/04	7.0	11/19/04	7.0	12/20/04	7.0
07/23/04	7.2	08/20/04	7.0	09/22/04	7.2	10/22/04	7.1	11/22/04	7.0	12/21/04	7.0
07/26/04	7.2	08/23/04	7.0	09/23/04	7.1	10/25/04	7.0	11/23/04	7.0	12/22/04	7.0
07/27/04	7.1	08/24/04	7.0	09/24/04	7.0	10/26/04	7.1	11/24/04	7.1	12/23/04	7.0
07/28/04	7.1	08/25/04	7.1	09/27/04	7.0	10/27/04	7.1	11/26/04	7.1	12/27/04	7.0
07/29/04	7.0	08/26/04	7.1	09/28/04	7.1	10/28/04	7.0	11/29/04	7.1	12/28/04	7.0
07/30/04	7.1	08/27/04	7.0	09/29/04	7.0	10/29/04	7.1	11/30/04	7.0	12/29/04	7.0
		08/30/04	7.1	09/30/04	7.0					12/30/04	7.0
		08/31/04	7.0								
Count	20	Count	22	Count	21	Count	20	Count	20	Count	21
Mo. Min	7.0	Mo. Min	7.0	Mo. Min	7.0	Mo. Min	7.0	Mo. Min	7.0	Mo. Min	7.0
Mo. Avg	7.2	Mo. Avg	7.1	Mo. Avg	7.1	Mo. Avg	7.1	Mo. Avg	7.1	Mo. Avg	7.0
Mo. Max	7.4	Mo. Max	7.3	Mo. Max	7.2	Mo. Max	7.2	Mo. Max	7.2	Mo. Max	7.1

Table 3 (continued)											
pH											
Data for 2003 - 2005											
Jan-05		Feb-05		Mar-05		Apr-05		May-05		Jun-05	
Date	SU	Date	SU	Date	SU	Date	SU	Date	SU	Date	SU
01/03/05	7.0	02/01/05	6.9	03/01/05	6.9	04/01/05	7.0	05/02/05	7.0	06/01/05	7.0
01/04/05	7.0	02/02/05	6.9	03/02/05	6.9	04/04/05	7.0	05/03/05	7.0	06/02/05	7.0
01/05/05	7.0	02/03/05	6.9	03/03/05	6.9	04/05/05	7.0	05/04/05	7.0	06/03/05	7.0
01/06/05	7.0	02/04/05	6.9	03/04/05	6.9	04/06/05	7.0	05/05/05	7.0	06/06/05	7.0
01/07/05	7.0	02/07/05	6.9	03/07/05	7.1	04/07/05	7.0	05/06/05	7.0	06/07/05	7.2
01/10/05	7.0	02/08/05	6.9	03/08/05	7.0	04/08/05	7.0	05/09/05	7.0	06/08/05	7.0
01/11/05	7.0	02/09/05	6.9	03/09/05	7.0	04/11/05	7.0	05/10/05	7.1	06/09/05	7.0
01/12/05	7.0	02/10/05	6.9	03/10/05	7.0	04/12/05	7.0	05/11/05	7.1	06/10/05	7.0
01/13/05	7.0	02/11/05	6.9	03/11/05	7.0	04/13/05	7.0	05/12/05	7.1	06/13/05	7.1
01/14/05	7.0	02/14/05	6.9	03/14/05	7.0	04/14/05	7.0	05/13/05	7.1	06/14/05	7.1
01/18/05	7.0	02/15/05	6.9	03/15/05	7.0	04/15/05	7.0	05/16/05	7.1	06/15/05	7.0
01/19/05	7.0	02/16/05	6.9	03/16/05	7.0	04/19/05	7.0	05/17/05	7.1	06/16/05	7.0
01/20/05	7.0	02/17/05	6.9	03/17/05	7.0	04/20/05	7.0	05/18/05	7.1	06/17/05	7.0
01/21/05	7.0	02/18/05	6.9	03/18/05	7.0	04/21/05	7.0	05/19/05	7.1	06/20/05	7.0
01/24/05	6.9	02/22/05	6.9	03/22/05	7.0	04/22/05	7.0	05/20/05	7.0	06/21/05	7.0
01/25/05	6.9	02/23/05	6.9	03/23/05	7.1	04/25/05	7.0	05/23/05	7.0	06/22/05	7.0
01/26/05	6.9	02/24/05	6.9	03/24/05	7.0	04/26/05	7.0	05/24/05	7.1	06/23/05	7.0
01/27/05	6.9	02/25/05	6.9	03/28/05	7.0	04/27/05	7.0	05/25/05	7.1	06/24/05	7.0
01/28/05	6.9	02/28/05	6.9	03/29/05	7.0	04/28/05	7.0	05/26/05	7.1	06/27/05	7.0
01/31/05	6.9			03/30/05	7.0	04/29/05	7.0	05/27/05	7.1	06/28/05	7.0
				03/31/05	7.0			05/31/05	7.0	06/29/05	7.0
										06/30/05	7.0
Count	20	Count	19	Count	21	Count	20	Count	21	Count	22
Mo. Min	6.9	Mo. Min	6.9	Mo. Min	6.9	Mo. Min	7.0	Mo. Min	7.0	Mo. Min	7.0
Mo. Avg	7.0	Mo. Avg	6.9	Mo. Avg	7.0	Mo. Avg	7.0	Mo. Avg	7.1	Mo. Avg	7.0
Mo. Max	7.0	Mo. Max	6.9	Mo. Max	7.1	Mo. Max	7.0	Mo. Max	7.1	Mo. Max	7.2
Jul-05		Aug-05		Sep-05		Oct-05		Nov-05		Dec-05	
Date	SU	Date	SU	Date	SU	Date	SU	Date	SU	Date	SU
07/01/05	7.0	08/01/05	7.0	09/01/05	7.0	10/03/05	7.0	11/01/05	7.0	12/01/05	7.2
07/05/05	7.0	08/02/05	7.0	09/02/05	7.0	10/04/05	7.0	11/02/05	7.0	12/02/05	7.1
07/06/05	7.0	08/03/05	7.0	09/06/05	7.0	10/05/05	7.0	11/03/05	7.1	12/05/05	7.1
07/07/05	7.0	08/04/05	7.0	09/07/05	7.0	10/06/05	7.0	11/04/05	7.1	12/06/05	7.1
07/08/05	7.0	08/05/05	7.0	09/08/05	7.0	10/07/05	7.0	11/07/05	7.1	12/07/05	7.1
07/11/05	7.0	08/08/05	7.0	09/09/05	7.0	10/11/05	7.0	11/08/05	7.1	12/08/05	7.2
07/12/05	7.0	08/09/05	7.0	09/12/05	7.0	10/12/05	6.8	11/09/05	7.1	12/09/05	7.3
07/13/05	7.1	08/10/05	7.0	09/13/05	7.0	10/13/05	7.0	11/10/05	7.1	12/12/05	7.1
07/14/05	7.1	08/11/05	7.0	09/14/05	7.0	10/14/05	7.0	11/14/05	7.1	12/13/05	7.2
07/18/05	7.0	08/12/05	7.0	09/15/05	7.0	10/17/05	7.0	11/15/05	7.1	12/14/05	7.2
07/19/05	7.0	08/15/05	7.0	09/16/05	7.0	10/18/05	7.0	11/16/05	7.1	12/15/05	7.2
07/20/05	7.0	08/16/05	7.0	09/19/05	7.0	10/19/05	7.0	11/17/05	7.1	12/16/05	7.2
07/21/05	7.0	08/17/05	7.0	09/20/05	7.0	10/20/05	7.0	11/18/05	7.1	12/19/05	7.2
07/22/05	7.0	08/18/05	7.0	09/21/05	7.0	10/21/05	7.0	11/21/05	7.1	12/20/05	7.3
07/25/05	7.0	08/19/05	7.0	09/22/05	7.0	10/24/05	7.0	11/22/05	7.1	12/21/05	7.3
07/26/05	7.0	08/22/05	7.1	09/23/05	7.0	10/25/05	7.0	11/23/05	7.2	12/22/05	7.2
07/27/05	7.0	08/23/05	7.0	09/26/05	7.0	10/26/05	7.0	11/25/05	7.2	12/23/05	7.2
07/28/05	7.0	08/24/05	7.0	09/27/05	7.0	10/27/05	7.0	11/28/05	7.1	12/27/05	7.2
07/29/05	7.0	08/25/05	7.0	09/28/05	7.0	10/28/05	7.0	11/29/05	7.1	12/28/05	7.1
		08/26/05	7.0	09/29/05	7.0	10/31/05	7.0	11/30/05	7.2	12/29/05	7.1
		08/29/05	7.0	09/30/05	7.0					12/30/05	7.1
		08/30/05	7.0								
		08/31/05	7.0								
Count	19	Count	23	Count	21	Count	20	Count	20	Count	21
Mo. Min	7.0	Mo. Min	7.0	Mo. Min	7.0	Mo. Min	6.8	Mo. Min	7.0	Mo. Min	7.1
Mo. Avg	7.0	Mo. Avg	7.0	Mo. Avg	7.0	Mo. Avg	7.0	Mo. Avg	7.1	Mo. Avg	7.2
Mo. Max	7.1	Mo. Max	7.1	Mo. Max	7.0	Mo. Max	7.0	Mo. Max	7.2	Mo. Max	7.3

Table 3 (continued)
pH
Data for 2003 - 2005

Summary 2003 -2005	
Number of Samples	710
Maximum Daily	7.8
Max Monthly Average	7.3
Long Term Average (all values)	7.1
Minimum Daily	6.7
Standard Deviation (all values)	0.11
Comments: *Value on 5/7/04 was unrealistically high and was removed from the dataset.	

Table 4 Effluent Flow (MGD) Data for 2003 - 2005											
Jan-03		Feb-03		Mar-03		Apr-03		May-03		Jun-03	
Date	MGD	Date	MGD	Date	MGD	Date	MGD	Date	MGD	Date	MGD
01/01/03	1.153	02/01/03	0.928	03/01/03	0.952	04/01/03	0.894	05/01/03	1.059	06/01/03	0.988
01/02/03	1.113	02/02/03	0.871	03/02/03	1.001	04/02/03	0.833	05/02/03	0.981	06/02/03	0.921
01/03/03	1.165	02/03/03	0.956	03/03/03	0.978	04/03/03	0.83	05/03/03	0.976	06/03/03	0.978
01/04/03	0.987	02/04/03	0.934	03/04/03	0.92	04/04/03	0.769	05/04/03	0.875	06/04/03	0.985
01/05/03	0.877	02/05/03	0.941	03/05/03	0.972	04/05/03	0.766	05/05/03	0.937	06/05/03	1.014
01/06/03	0.878	02/06/03	1.279	03/06/03	1.319	04/06/03	0.89	05/06/03	0.947	06/06/03	1.495
01/07/03	0.807	02/07/03	1.042	03/07/03	1.051	04/07/03	0.859	05/07/03	1.024	06/07/03	1.485
01/08/03	0.792	02/08/03	0.987	03/08/03	0.88	04/08/03	0.763	05/08/03	1.072	06/08/03	1.651
01/09/03	0.812	02/09/03	0.992	03/09/03	0.963	04/09/03	0.814	05/09/03	1.132	06/09/03	1.209
01/10/03	0.869	02/10/03	1.412	03/10/03	0.888	04/10/03	1.536	05/10/03	1.094	06/10/03	1
01/11/03	0.723	02/11/03	2.15	03/11/03	1.096	04/11/03	1.168	05/11/03	1.058	06/11/03	0.959
01/12/03	1.116	02/12/03	1.047	03/12/03	0.533	04/12/03	1.047	05/12/03	1.178	06/12/03	0.849
01/13/03	0.914	02/13/03	0.777	03/13/03	0.92	04/13/03	1.169	05/13/03	1.057	06/13/03	1.623
01/14/03	0.912	02/14/03	0.871	03/14/03	0.984	04/14/03	1.339	05/14/03	1.039	06/14/03	2.074
01/15/03	0.881	02/15/03	0.913	03/15/03	0.95	04/15/03	1.072	05/15/03	0.937	06/15/03	1.168
01/16/03	0.89	02/16/03	0.932	03/16/03	0.895	04/16/03	0.869	05/16/03	0.944	06/16/03	1.126
01/17/03	0.873	02/17/03	0.934	03/17/03	0.866	04/17/03	1.223	05/17/03	1.389	06/17/03	1.046
01/18/03	0.864	02/18/03	0.901	03/18/03	0.908	04/18/03	0.972	05/18/03	2.248	06/18/03	0.947
01/19/03	0.839	02/19/03	0.903	03/19/03	0.894	04/19/03	0.952	05/19/03	3.415	06/19/03	0.9633
01/20/03	0.944	02/20/03	0.931	03/20/03	0.943	04/20/03	0.861	05/20/03	2.516	06/20/03	0.9547
01/21/03	0.879	02/21/03	0.978	03/21/03	1.014	04/21/03	1.118	05/21/03	1.442	06/21/03	0.94
01/22/03	1.008	02/22/03	0.963	03/22/03	1.036	04/22/03	1.17	05/22/03	1.091	06/22/03	0.958
01/23/03	0.916	02/23/03	0.927	03/23/03	0.918	04/23/03	0.945	05/23/03	1.059	06/23/03	1.004
01/24/03	1.317	02/24/03	1.005	03/24/03	0.91	04/24/03	0.922	05/24/03	0.952	06/24/03	1.028
01/25/03	1.183	02/25/03	1.112	03/25/03	0.633	04/25/03	0.929	05/25/03	1.035	06/25/03	1.053
01/26/03	1.07	02/26/03	0.941	03/26/03	0.757	04/26/03	0.797	05/26/03	0.963	06/26/03	0.9423
01/27/03	0.932	02/27/03	1.859	03/27/03	0.852	04/27/03	0.85	05/27/03	1.004	06/27/03	1.0777
01/28/03	0.914	02/28/03	1.049	03/28/03	0.986	04/28/03	0.866	05/28/03	1.019	06/28/03	1.038
01/29/03	1.24			03/29/03	1.114	04/29/03	0.968	05/29/03	1.22	06/29/03	0.993
01/30/03	2.025			03/30/03	0.982	04/30/03	0.982	05/30/03	0.925	06/30/03	0.998
01/31/03	1.086			03/31/03	0.94			05/31/03	1.199		
Count	31	Count	28	Count	31	Count	30	Count	31	Count	30
Mo. Min	0.7	Mo. Min	0.8	Mo. Min	0.5	Mo. Min	0.8	Mo. Min	0.9	Mo. Min	0.8
Mo. Avg	1.0	Mo. Avg	1.1	Mo. Avg	0.9	Mo. Avg	1.0	Mo. Avg	1.2	Mo. Avg	1.1
Mo. Max	2.0	Mo. Max	2.2	Mo. Max	1.3	Mo. Max	1.5	Mo. Max	3.4	Mo. Max	2.1
Jul-03		Aug-03		Sep-03		Oct-03		Nov-03		Dec-03	
Date	MGD	Date	MGD	Date	MGD	Date	MGD	Date	MGD	Date	MGD
07/01/03	0.986	08/01/03	0.889	09/01/03	0.814	10/01/03	0.81	11/01/03	0.771	12/01/03	1.234
07/02/03	0.988	08/02/03	0.86	09/02/03	0.826	10/02/03	0.71	11/02/03	0.775	12/02/03	1.483
07/03/03	0.319	08/03/03	0.762	09/03/03	0.89	10/03/03	0.689	11/03/03	0.785	12/03/03	1.672
07/04/03	0.171	08/04/03	0.836	09/04/03	0.79	10/04/03	0.699	11/04/03	0.783	12/04/03	1.562
07/05/03	0.34	08/05/03	0.727	09/05/03	0.717	10/05/03	0.702	11/05/03	0.748	12/05/03	1.481
07/06/03	0.791	08/06/03	0.816	09/06/03	0.744	10/06/03	0.742	11/06/03	0.745	12/06/03	1.181
07/07/03	0.784	08/07/03	0.909	09/07/03	0.688	10/07/03	0.757	11/07/03	0.918	12/07/03	0.955
07/08/03	0.785	08/08/03	1.861	09/08/03	0.747	10/08/03	0.737	11/08/03	0.775	12/08/03	1.849
07/09/03	0.905	08/09/03	1.141	09/09/03	0.76	10/09/03	0.737	11/09/03	0.836	12/09/03	1.133
07/10/03	0.873	08/10/03	0.965	09/10/03	0.776	10/10/03	0.75	11/10/03	0.869	12/10/03	0.857
07/11/03	0.865	08/11/03	1.051	09/11/03	0.782	10/11/03	0.783	11/11/03	0.925	12/11/03	0.858
07/12/03	1.303	08/12/03	1.047	09/12/03	0.788	10/12/03	0.72	11/12/03	0.821	12/12/03	0.852
07/13/03	1.209	08/13/03	0.98	09/13/03	0.751	10/13/03	0.838	11/13/03	0.821	12/13/03	0.949
07/14/03	1.527	08/14/03	1.241	09/14/03	0.718	10/14/03	0.763	11/14/03	1.124	12/14/03	0.893
07/15/03	0.979	08/15/03	0.974	09/15/03	0.746	10/15/03	0.737	11/15/03	1.872	12/15/03	0.896
07/16/03	0.874	08/16/03	0.884	09/16/03	0.766	10/16/03	0.788	11/16/03	1.035	12/16/03	1.003
07/17/03	0.81	08/17/03	0.789	09/17/03	0.73	10/17/03	0.765	11/17/03	0.35	12/17/03	0.89
07/18/03	0.946	08/18/03	0.752	09/18/03	0.769	10/18/03	0.787	11/18/03	0.707	12/18/03	0.824
07/19/03	0.769	08/19/03	1.153	09/19/03	0.769	10/19/03	0.896	11/19/03	1.456	12/19/03	0.928
07/20/03	0.778	08/20/03	1.037	09/20/03	0.775	10/20/03	0.896	11/20/03	1.823	12/20/03	0.932
07/21/03	0.787	08/21/03	0.821	09/21/03	0.838	10/21/03	0.721	11/21/03	1.708	12/21/03	0.837
07/22/03	0.817	08/22/03	0.819	09/22/03	1.24	10/22/03	0.672	11/22/03	1.101	12/22/03	1.423
07/23/03	0.956	08/23/03	0.804	09/23/03	1.064	10/23/03	0.643	11/23/03	1.382	12/23/03	2.019
07/24/03	2.243	08/24/03	0.839	09/24/03	0.902	10/24/03	0.763	11/24/03	1.578	12/24/03	1.076
07/25/03	1.698	08/25/03	0.78	09/25/03	0.738	10/25/03	0.785	11/25/03	1.012	12/25/03	0.94
07/26/03	2.796	08/26/03	0.785	09/26/03	0.826	10/26/03	0.673	11/26/03	1.017	12/26/03	0.977
07/27/03	1.758	08/27/03	0.82	09/27/03	0.788	10/27/03	0.855	11/27/03	0.933	12/27/03	0.917
07/28/03	1.463	08/28/03	0.795	09/28/03	0.81	10/28/03	0.793	11/28/03	0.944	12/28/03	0.822
07/29/03	1.27	08/29/03	0.794	09/29/03	0.804	10/29/03	0.874	11/29/03	1.378	12/29/03	0.862
07/30/03	0.956	08/30/03	0.779	09/30/03	0.764	10/30/03	0.952	11/30/03	0.958	12/30/03	0.892
07/31/03	0.95	08/31/03	0.847			10/31/03	0.788			12/31/03	0.87
Count	31	Count	31	Count	30	Count	31	Count	30	Count	31
Mo. Min	0.2	Mo. Min	0.7	Mo. Min	0.7	Mo. Min	0.6	Mo. Min	0.4	Mo. Min	0.8
Mo. Avg	1.1	Mo. Avg	0.9	Mo. Avg	0.8	Mo. Avg	0.8	Mo. Avg	1.0	Mo. Avg	1.1
Mo. Max	2.8	Mo. Max	1.9	Mo. Max	1.2	Mo. Max	1.0	Mo. Max	1.9	Mo. Max	2.0

Table 4 (continued) Effluent Flow (MGD) Data for 2003 - 2005											
Jan-04		Feb-04		Mar-04		Apr-04		May-04		Jun-04	
Date	MGD	Date	MGD	Date	MGD	Date	MGD	Date	MGD	Date	MGD
01/01/04	0.9	02/01/04	0.2	03/01/04	0.7	04/01/04	0.9	05/01/04	0.9	06/01/04	0.9
01/02/04	0.8	02/02/04	0.2	03/02/04	0.7	04/02/04	0.9	05/02/04	0.9	06/02/04	0.8
01/03/04	1.2	02/03/04	0.5	03/03/04	0.7	04/03/04	0.9	05/03/04	0.9	06/03/04	0.6
01/04/04	1.5	02/04/04	0.7	03/04/04	0.7	04/04/04	0.9	05/04/04	0.9	06/04/04	0.9
01/05/04	1.5	02/05/04	0.7	03/05/04	0.8	04/05/04	0.8	05/05/04	0.8	06/05/04	0.9
01/06/04	0.8	02/06/04	0.8	03/06/04	0.7	04/06/04	0.8	05/06/04	0.8	06/06/04	0.8
01/07/04	0.7	02/07/04	0.9	03/07/04	0.8	04/07/04	0.7	05/07/04	0.8	06/07/04	0.8
01/08/04	0.9	02/08/04	1.0	03/08/04	1.1	04/08/04	0.8	05/08/04	0.9	06/08/04	0.8
01/09/04	0.9	02/09/04	0.9	03/09/04	1.0	04/09/04	0.7	05/09/04	0.8	06/09/04	0.8
01/10/04	0.8	02/10/04	2.3	03/10/04	0.8	04/10/04	0.7	05/10/04	0.9	06/10/04	1.0
01/11/04	0.8	02/11/04	1.0	03/11/04	0.8	04/11/04	0.8	05/11/04	0.9	06/11/04	0.7
01/12/04	0.8	02/12/04	0.8	03/12/04	0.8	04/12/04	0.8	05/12/04	0.9	06/12/04	0.9
01/13/04	0.8	02/13/04	1.0	03/13/04	0.8	04/13/04	0.7	05/13/04	0.9	06/13/04	0.7
01/14/04	0.8	02/14/04	0.9	03/14/04	0.8	04/14/04	0.7	05/14/04	0.6	06/14/04	0.7
01/15/04	0.7	02/15/04	0.8	03/15/04	0.7	04/15/04	0.8	05/15/04	0.9	06/15/04	1.2
01/16/04	0.4	02/16/04	0.9	03/16/04	1.0	04/16/04	0.8	05/16/04	1.1	06/16/04	0.4
01/17/04	0.7	02/17/04	0.8	03/17/04	0.7	04/17/04	0.8	05/17/04	1.1	06/17/04	0.8
01/18/04	1.5	02/18/04	0.7	03/18/04	0.8	04/18/04	1.1	05/18/04	0.3	06/18/04	0.9
01/19/04	1.2	02/19/04	0.8	03/19/04	0.8	04/19/04	1.4	05/19/04	0.2	06/19/04	0.8
01/20/04	0.9	02/20/04	1.0	03/20/04	0.8	04/20/04	0.8	05/20/04	0.3	06/20/04	1.2
01/21/04	0.8	02/21/04	0.6	03/21/04	0.9	04/21/04	0.8	05/21/04	0.0	06/21/04	0.9
01/22/04	0.8	02/22/04	0.7	03/22/04	0.9	04/22/04	0.7	05/22/04	0.0	06/22/04	0.8
01/23/04	0.8	02/23/04	0.7	03/23/04	0.9	04/23/04	0.7	05/23/04	0.0	06/23/04	0.9
01/24/04	0.8	02/24/04	0.7	03/24/04	0.8	04/24/04	0.9	05/24/04	0.2	06/24/04	0.8
01/25/04	0.8	02/25/04	0.7	03/25/04	1.2	04/25/04	0.8	05/25/04	0.4	06/25/04	0.8
01/26/04	0.8	02/26/04	0.8	03/26/04	1.7	04/26/04	0.8	05/26/04	0.1	06/26/04	0.8
01/27/04	0.7	02/27/04	0.7	03/27/04	2.2	04/27/04	1.6	05/27/04	0.9	06/27/04	0.8
01/28/04	0.8	02/28/04	0.7	03/28/04	1.5	04/28/04	1.4	05/28/04	0.9	06/28/04	0.8
01/29/04	0.7	02/29/04	0.7	03/29/04	0.7	04/29/04	0.9	05/29/04	1.0	06/29/04	0.3
01/30/04	0.5			03/30/04	0.9	04/30/04	0.8	05/30/04	0.9	06/30/04	1.3
01/31/04	0.1			03/31/04	0.8			05/31/04	0.9		
Count	31	Count	29	Count	31	Count	30	Count	31	Count	30
Mo. Min	0.1	Mo. Min	0.2	Mo. Min	0.7	Mo. Min	0.7	Mo. Min	0.0	Mo. Min	0.3
Mo. Avg	0.8	Mo. Avg	0.8	Mo. Avg	0.9	Mo. Avg	0.9	Mo. Avg	0.7	Mo. Avg	0.8
Mo. Max	1.5	Mo. Max	2.3	Mo. Max	2.2	Mo. Max	1.6	Mo. Max	1.1	Mo. Max	1.3
Jul-04		Aug-04		Sep-04		Oct-04		Nov-04		Dec-04	
Date	MGD	Date	MGD	Date	MGD	Date	MGD	Date	MGD	Date	MGD
07/01/04	1.0	08/01/04	1.4	09/01/04	1.3	10/01/04	1.3	11/01/04	1.3	12/01/04	1.3
07/02/04	1.2	08/02/04	1.3	09/02/04	1.3	10/02/04	1.3	11/02/04	1.4	12/02/04	1.3
07/03/04	1.3	08/03/04	1.4	09/03/04	1.3	10/03/04	1.6	11/03/04	1.3	12/03/04	1.3
07/04/04	1.5	08/04/04	1.5	09/04/04	1.8	10/04/04	1.2	11/04/04	1.2	12/04/04	1.2
07/05/04	1.5	08/05/04	1.5	09/05/04	0.9	10/05/04	2.5	11/05/04	1.5	12/05/04	2
07/06/04	1.2	08/06/04	1.4	09/06/04	1.4	10/06/04	1.3	11/06/04	1.3	12/06/04	1.6
07/07/04	1.1	08/07/04	2.1	09/07/04	1.4	10/07/04	1.3	11/07/04	1.6	12/07/04	1.3
07/08/04	0.8	08/08/04	1.3	09/08/04	1.3	10/08/04	1.3	11/08/04	1.5	12/08/04	1.3
07/09/04	1.1	08/09/04	1.2	09/09/04	2.7	10/09/04	1.3	11/09/04	1.6	12/09/04	1.3
07/10/04	1.0	08/10/04	1.2	09/10/04	2.0	10/10/04	1.4	11/10/04	1.4	12/10/04	1.3
07/11/04	1.1	08/11/04	1.3	09/11/04	1.6	10/11/04	1.2	11/11/04	1.4	12/11/04	1.7
07/12/04	1.1	08/12/04	1.2	09/12/04	1.5	10/12/04	1.6	11/12/04	1.4	12/12/04	1.5
07/13/04	1.0	08/13/04	1.2	09/13/04	1.2	10/13/04	1.4	11/13/04	1.7	12/13/04	1.3
07/14/04	1.4	08/14/04	1.3	09/14/04	1.2	10/14/04	1.4	11/14/04	1.5	12/14/04	1.3
07/15/04	1.2	08/15/04	1.3	09/15/04	1.3	10/15/04	1.4	11/15/04	1.5	12/15/04	1.3
07/16/04	1.0	08/16/04	1.3	09/16/04	1.2	10/16/04	3.0	11/16/04	1.3	12/16/04	1.2
07/17/04	0.9	08/17/04	1.3	09/17/04	1.4	10/17/04	1.7	11/17/04	1.3	12/17/04	2.6
07/18/04	0.9	08/18/04	1.2	09/18/04	1.3	10/18/04	1.7	11/18/04	1.3	12/18/04	1.6
07/19/04	1.0	08/19/04	1.2	09/19/04	1.4	10/19/04	1.5	11/19/04	1.3	12/19/04	1.6
07/20/04	0.9	08/20/04	1.3	09/20/04	1.2	10/20/04	1.4	11/20/04	1.3	12/20/04	0.9
07/21/04	0.7	08/21/04	1.3	09/21/04	1.3	10/21/04	1.4	11/21/04	1.3	12/21/04	1.3
07/22/04	0.2	08/22/04	1.3	09/22/04	1.3	10/22/04	1.3	11/22/04	1.3	12/22/04	1.3
07/23/04	0.1	08/23/04	1.3	09/23/04	1.4	10/23/04	1.3	11/23/04	1.4	12/23/04	1.3
07/24/04	1.0	08/24/04	1.2	09/24/04	1.4	10/24/04	1.5	11/24/04	1.3	12/24/04	1.3
07/25/04	1.4	08/25/04	1.3	09/25/04	1.4	10/25/04	1.5	11/25/04	1.2	12/25/04	1.3
07/26/04	1.3	08/26/04	1.3	09/26/04	1.4	10/26/04	1.9	11/26/04	1.1	12/26/04	1.2
07/27/04	1.3	08/27/04	1.4	09/27/04	1.3	10/27/04	1.9	11/27/04	1.2	12/27/04	1.3
07/28/04	1.4	08/28/04	1.4	09/28/04	1.3	10/28/04	1.7	11/28/04	1.1	12/28/04	1.3
07/29/04	1.4	08/29/04	1.4	09/29/04	1.3	10/29/04	2.3	11/29/04	1.2	12/29/04	1.3
07/30/04	1.4	08/30/04	1.4	09/30/04	1.3	10/30/04	1.6	11/30/04	1.4	12/30/04	1.1
07/31/04	1.4	08/31/04	1.4			10/31/04	1.5			12/31/04	1.2
Count	31	Count	31	Count	30	Count	31	Count	30	Count	31
Mo. Min	0.1	Mo. Min	1.2	Mo. Min	0.9	Mo. Min	1.2	Mo. Min	1.1	Mo. Min	0.9
Mo. Avg	1.1	Mo. Avg	1.3	Mo. Avg	1.4	Mo. Avg	1.6	Mo. Avg	1.4	Mo. Avg	1.4
Mo. Max	1.5	Mo. Max	2.1	Mo. Max	2.7	Mo. Max	3.0	Mo. Max	1.7	Mo. Max	2.6

Table 4 (continued) Effluent Flow (MGD) Data for 2003 - 2005											
Jan-05		Feb-05		Mar-05		Apr-05		May-05		Jun-05	
Date	MGD	Date	MGD	Date	MGD	Date	MGD	Date	MGD	Date	MGD
01/01/05	1.8	02/01/05	2.1	03/01/05	1.1	04/01/05	1.3	05/01/05	1.3	06/01/05	2.2
01/02/05	1.8	02/02/05	1.9	03/02/05	1.2	04/02/05	1.3	05/02/05	1.2	06/02/05	1.7
01/03/05	1.9	02/03/05	1.9	03/03/05	1.2	04/03/05	1.3	05/03/05	1.7	06/03/05	1.5
01/04/05	1.9	02/04/05	2.1	03/04/05	1.4	04/04/05	1.6	05/04/05	2	06/04/05	1.5
01/05/05	2.1	02/05/05	1.7	03/05/05	1.4	04/05/05	1.6	05/05/05	1.1	06/05/05	1.5
01/06/05	1.5	02/06/05	1.4	03/06/05	1.2	04/06/05	1.5	05/06/05	0.5	06/06/05	1.2
01/07/05	1.8	02/07/05	1.3	03/07/05	1.2	04/07/05	1.7	05/07/05	1.3	06/07/05	1.3
01/08/05	1.8	02/08/05	1.3	03/08/05	1.3	04/08/05	1.4	05/08/05	2.6	06/08/05	1.3
01/09/05	1.8	02/09/05	1.3	03/09/05	2.1	04/09/05	1.4	05/09/05	1.3	06/09/05	0.9
01/10/05	1.3	02/10/05	1.3	03/10/05	1.6	04/10/05	2.7	05/10/05	1.3	06/10/05	1.1
01/11/05	1.2	02/11/05	1.3	03/11/05	1.6	04/11/05	1.6	05/11/05	1.3	06/11/05	1.3
01/12/05	1.3	02/12/05	1.2	03/12/05	1.7	04/12/05	1.4	05/12/05	1.3	06/12/05	1.2
01/13/05	1.3	02/13/05	1.2	03/13/05	1.9	04/13/05	1.3	05/13/05	1.3	06/13/05	1.2
01/14/05	1.2	02/14/05	1.3	03/14/05	1.4	04/14/05	1.3	05/14/05	1.2	06/14/05	1.2
01/15/05	1.1	02/15/05	1.2	03/15/05	3.1	04/15/05	1.3	05/15/05	1.3	06/15/05	1.3
01/16/05	1.2	02/16/05	1.3	03/16/05	2.3	04/16/05	1.4	05/16/05	1.2	06/16/05	1.2
01/17/05	1.1	02/17/05	2.5	03/17/05	1.6	04/17/05	1.4	05/17/05	1.3	06/17/05	1.2
01/18/05	1.1	02/18/05	2.3	03/18/05	1.3	04/18/05	1.6	05/18/05	1.3	06/18/05	1.4
01/19/05	1.7	02/19/05	1.6	03/19/05	1.2	04/19/05	1.6	05/19/05	1.3	06/19/05	2.1
01/20/05	1.4	02/20/05	1.6	03/20/05	1.2	04/20/05	1.3	05/20/05	1.2	06/20/05	0.9
01/21/05	1.4	02/21/05	1.0	03/21/05	1.2	04/21/05	1.3	05/21/05	1.1	06/21/05	1.6
01/22/05	1.3	02/22/05	1.2	03/22/05	1.2	04/22/05	1.4	05/22/05	1.4	06/22/05	1.4
01/23/05	1.2	02/23/05	1.1	03/23/05	1.2	04/23/05	1.3	05/23/05	1.2	06/23/05	1.5
01/24/05	1.3	02/24/05	1.2	03/24/05	1.3	04/24/05	1.3	05/24/05	1.3	06/24/05	1.3
01/25/05	1.3	02/25/05	1.1	03/25/05	1.2	04/25/05	1.3	05/25/05	1.6	06/25/05	1.3
01/26/05	1.4	02/26/05	1.1	03/26/05	1.6	04/26/05	1.4	05/26/05	2.9	06/26/05	1.2
01/27/05	1.3	02/27/05	1.2	03/27/05	2.2	04/27/05	1.9	05/27/05	1.6	06/27/05	0.9
01/28/05	1.2	02/28/05	1.1	03/28/05	1.6	04/28/05	1.4	05/28/05	1.4	06/28/05	1.6
01/29/05	1.2			03/29/05	1.2	04/29/05	1.3	05/29/05	1.3	06/29/05	1.3
01/30/05	1.3			03/30/05	1.6	04/30/05	1.3	05/30/05	1.5	06/30/05	1.8
01/31/05	1.7			03/31/05	1.2			05/31/05	1.6		
Count	31	Count	28	Count	31	Count	30	Count	31	Count	30
Mo. Min	1.1	Mo. Min	1.0	Mo. Min	1.1	Mo. Min	1.3	Mo. Min	0.5	Mo. Min	0.9
Mo. Avg	1.4	Mo. Avg	1.5	Mo. Avg	1.5	Mo. Avg	1.5	Mo. Avg	1.4	Mo. Avg	1.4
Mo. Max	2.1	Mo. Max	2.5	Mo. Max	3.1	Mo. Max	2.7	Mo. Max	2.9	Mo. Max	2.2
Jul-05		Aug-05		Sep-05		Oct-05		Nov-05		Dec-05	
Date	MGD	Date	MGD	Date	MGD	Date	MGD	Date	MGD	Date	MGD
07/01/05	3.1	08/01/05	1.3	09/01/05	1.4	10/01/05	3	11/01/05	1.5	12/01/05	1.7
07/02/05	2.9	08/02/05	1.3	09/02/05	1.4	10/02/05	2.2	11/02/05	1.2	12/02/05	1.5
07/03/05	2.3	08/03/05	1.3	09/03/05	1.3	10/03/05	1.6	11/03/05	1.2	12/03/05	1.3
07/04/05	1.5	08/04/05	1.4	09/04/05	1.3	10/04/05	1.4	11/04/05	1.4	12/04/05	1.4
07/05/05	1.3	08/05/05	1.3	09/05/05	1.3	10/05/05	1.5	11/05/05	1.6	12/05/05	1.4
07/06/05	1.2	08/06/05	1.3	09/06/05	1.3	10/06/05	1.4	11/06/05	1.6	12/06/05	1.3
07/07/05	1.2	08/07/05	1.4	09/07/05	1.3	10/07/05	1.3	11/07/05	2.2	12/07/05	1.6
07/08/05	1.2	08/08/05	2	09/08/05	1.4	10/08/05	1.3	11/08/05	1.8	12/08/05	1.6
07/09/05	1.2	08/09/05	1.4	09/09/05	1.3	10/09/05	1.4	11/09/05	1.7	12/09/05	2.4
07/10/05	1.2	08/10/05	1.3	09/10/05	1.2	10/10/05	1.7	11/10/05	1.8	12/10/05	1.7
07/11/05	1.2	08/11/05	1.3	09/11/05	2	10/11/05	1.7	11/11/05	1.7	12/11/05	1.5
07/12/05	1.2	08/12/05	1.2	09/12/05	1.8	10/12/05	1.3	11/12/05	1.1	12/12/05	1.6
07/13/05	1.2	08/13/05	1.5	09/13/05	1.5	10/13/05	1.4	11/13/05	1.5	12/13/05	1.5
07/14/05	1.2	08/14/05	1.5	09/14/05	1.3	10/14/05	1.4	11/14/05	1.3	12/14/05	1.3
07/15/05	1.1	08/15/05	1.1	09/15/05	1.3	10/15/05	1.5	11/15/05	1.5	12/15/05	1.4
07/16/05	1.1	08/16/05	1	09/16/05	1.3	10/16/05	0.7	11/16/05	1.4	12/16/05	2.5
07/17/05	1.2	08/17/05	1.1	09/17/05	1.4	10/17/05	1.7	11/17/05	2.2	12/17/05	1.7
07/18/05	1.1	08/18/05	2.5	09/18/05	1.5	10/18/05	1.3	11/18/05	1.3	12/18/05	2.7
07/19/05	1.3	08/19/05	3.3	09/19/05	1.4	10/19/05	1.4	11/19/05	1.5	12/19/05	2
07/20/05	1.2	08/20/05	1.7	09/20/05	1.2	10/20/05	1.2	11/20/05	1.6	12/20/05	1.5
07/21/05	1.3	08/21/05	1.5	09/21/05	1.2	10/21/05	1.3	11/21/05	1.5	12/21/05	1.5
07/22/05	1.3	08/22/05	1.4	09/22/05	1.4	10/22/05	1.3	11/22/05	1.3	12/22/05	1.6
07/23/05	1.1	08/23/05	1.3	09/23/05	1.3	10/23/05	1.2	11/23/05	1.3	12/23/05	1.4
07/24/05	1.8	08/24/05	1.2	09/24/05	1.7	10/24/05	1.2	11/24/05	1.2	12/24/05	1.3
07/25/05	1.5	08/25/05	1.3	09/25/05	2.2	10/25/05	1.3	11/25/05	1.4	12/25/05	1.3
07/26/05	1.4	08/26/05	1.3	09/26/05	1.9	10/26/05	1.3	11/26/05	1.3	12/26/05	1.5
07/27/05	1.3	08/27/05	1.3	09/27/05	1.5	10/27/05	1	11/27/05	1.5	12/27/05	2.2
07/28/05	1.2	08/28/05	1.2	09/28/05	1.3	10/28/05	1.6	11/28/05	1.3	12/28/05	2.2
07/29/05	1.2	08/29/05	1.3	09/29/05	2.2	10/29/05	1.3	11/29/05	1.4	12/29/05	1.6
07/30/05	1.2	08/30/05	1.3	09/30/05	2.9	10/30/05	1.3	11/30/05	1.9	12/30/05	1.7
07/31/05	1.2	08/31/05	1.3			10/31/05	1.3			12/31/05	1.4
Count	31	Count	31	Count	30	Count	31	Count	30	Count	31
Mo. Min	1.1	Mo. Min	1.0	Mo. Min	1.2	Mo. Min	0.7	Mo. Min	1.1	Mo. Min	1.3
Mo. Avg	1.4	Mo. Avg	1.4	Mo. Avg	1.5	Mo. Avg	1.4	Mo. Avg	1.5	Mo. Avg	1.7
Mo. Max	3.1	Mo. Max	3.3	Mo. Max	2.9	Mo. Max	3.0	Mo. Max	2.2	Mo. Max	2.7

Table 4 (continued)
Effluent Flow (MGD)
Data for 2003 - 2005

Number of Samples	1096
Maximum Daily	3.42
Max Monthly Average	1.65
Long Term Average (all values)	1.19
Minimum Daily	0.00
Standard Deviation (all values)	0.43

Table 5
Effluent Temperature (°C)
Data for 2003 - 2005

Jan-03		Feb-03		Mar-03		Apr-03		May-03		Jun-03	
Date	°C	Date	°C	Date	°C	Date	°C	Date	°C	Date	°C
01/02/03	27.0	02/03/03	28.0	03/04/03	28.0	04/04/03	28.0	05/01/03	28.0	06/02/03	27.0
01/03/03	27.0	02/04/03	28.0	03/05/03	28.0	04/07/03	28.0	05/05/03	28.0	06/03/03	28.0
01/06/03	27.0	02/05/03	28.0	03/06/03	28.0	04/08/03	28.0	05/06/03	27.0	06/04/03	28.0
01/07/03	27.0	02/06/03	28.0	03/10/03	28.0	04/09/03	28.0	05/07/03	28.0	06/05/03	28.0
01/08/03	27.0	02/07/03	28.0	03/11/03	28.0	04/10/03	27.0	05/08/03	28.0	06/06/03	27.0
01/09/03	27.0	02/11/03	28.0	03/12/03	28.0	04/11/03	28.0	05/09/03	29.0	06/09/03	27.0
01/10/03	27.0	02/12/03	28.0	03/13/03	28.0	04/14/03	27.0	05/12/03	29.0	06/10/03	27.0
01/13/03	27.0	02/13/03	28.0	03/14/03	28.0	04/15/03	27.0	05/13/03	27.0	06/11/03	28.0
01/14/03	27.0	02/14/03	28.0	03/17/03	28.0	04/16/03	28.0	05/14/03	28.0	06/12/03	28.0
01/15/03	27.0	02/18/03	29.0	03/18/03	28.0	04/18/03	27.0	05/16/03	27.0	06/13/03	27.0
01/16/03	27.0	02/19/03	28.0	03/19/03	28.0	04/21/03	27.0	05/19/03	28.0	06/16/03	28.0
01/17/03	27.0	02/20/03	28.0	03/20/03	28.0	04/22/03	27.0	05/21/03	27.0	06/17/03	28.0
01/21/03	27.0	02/21/03	28.0	03/21/03	28.0	04/23/03	28.0	05/22/03	27.0	06/18/03	28.0
01/22/03	27.0	02/24/03	28.0	03/24/03	28.0	04/24/03	28.0	05/23/03	27.0	06/19/03	28.0
01/24/03	28.0	02/25/03	28.0	03/25/03	28.0	04/25/03	28.0	05/27/03	28.0	06/20/03	27.0
01/27/03	27.0	02/26/03	28.0	03/26/03	28.0	04/28/03	28.0	05/28/03	27.0	06/23/03	27.0
01/28/03	27.0	02/27/03	28.0	03/27/03	28.0			05/29/03	27.0	06/24/03	27.0
01/29/03	28.0	02/28/03	28.0	03/28/03	28.0			05/30/03	28.0	06/25/03	27.0
01/30/03	27.0			03/31/03	28.0					06/26/03	27.0
01/31/03	27.0									06/27/03	27.0
Count	20	Count	18	Count	19	Count	16	Count	18	Count	20
Mo. Min	27.0	Mo. Min	28.0	Mo. Min	28.0	Mo. Min	27.0	Mo. Min	27.0	Mo. Min	27.0
Mo. Avg	27.1	Mo. Avg	28.1	Mo. Avg	28	Mo. Avg	27.6	Mo. Avg	27.7	Mo. Avg	27.5
Mo. Max	28	Mo. Max	29	Mo. Max	28	Mo. Max	28	Mo. Max	29	Mo. Max	28
Jul-03		Aug-03		Sep-03		Oct-03		Nov-03		Dec-03	
Date	°C	Date	°C	Date	°C	Date	°C	Date	°C	Date	°C
07/01/03	27.0	08/01/03	28.0	09/02/03	27.0	10/02/03	28.0	11/03/03	28.0	12/01/03	28.0
07/02/03	27.0	08/04/03	27.0	09/03/03	27.0	10/03/03	28.0	11/04/03	28.0	12/02/03	28.0
07/03/03	27.0	08/05/03	27.0	09/04/03	27.0	10/06/03	28.0	11/05/03	28.0	12/04/03	28.0
07/07/03	27.0	08/06/03	27.0	09/05/03	28.0	10/07/03	28.0	11/06/03	28.0	12/05/03	27.0
07/08/03	27.0	08/07/03	28.0	09/08/03	28.0	10/08/03	28.0	11/07/03	27.0	12/09/03	28.0
07/09/03	27.0	08/11/03	27.0	09/09/03	28.0	10/09/03	28.0	11/10/03	28.0	12/10/03	28.0
07/10/03	27.0	08/12/03	27.0	09/10/03	28.0	10/10/03	28.0	11/12/03	28.0	12/11/03	28.0
07/11/03	27.0	08/13/03	27.0	09/11/03	28.0	10/13/03	28.0	11/13/03	28.0	12/12/03	28.0
07/14/03	27.0	08/14/03	27.0	09/12/03	28.0	10/15/03	28.0	11/14/03	28.0	12/15/03	28.0
07/15/03	27.0	08/15/03	28.0	09/15/03	28.0	10/16/03	27.0	11/17/03	28.0	12/16/03	28.0
07/17/03	27.0	08/19/03	27.0	09/16/03	28.0	10/17/03	28.0	11/18/03	27.0	12/17/03	28.0
07/18/03	27.0	08/20/03	27.0	09/17/03	28.0	10/20/03	27.0	11/19/03	28.0	12/18/03	28.0
07/21/03	27.0	08/21/03	27.0	09/18/03	27.0	10/21/03	28.0	11/20/03	28.0	12/19/03	28.0
07/22/03	27.0	08/22/03	27.0	09/19/03	27.0	10/22/03	28.0	11/21/03	27.0	12/22/03	28.0
07/23/03	27.0	08/25/03	27.0	09/22/03	27.0	10/23/03	28.0	11/24/03	28.0	12/23/03	27.0
07/24/03	27.0	08/26/03	27.0	09/23/03	27.0	10/24/03	27.0	11/25/03	28.0	12/24/03	28.0
07/27/03	27.0	08/27/03	27.0	09/25/03	28.0	10/27/03	28.0	11/26/03	27.0	12/26/03	28.0
07/29/03	28.0	08/28/03	27.0	09/26/03	27.0	10/28/03	27.0	11/28/03	28.0	12/29/03	28.0
07/30/03	28.0	08/29/03	27.0	09/29/03	28.0	10/29/03	28.0			12/30/03	28.0
				09/30/03	27.0	10/30/03	28.0			12/31/03	28.0
						10/31/03	28.0				
Count	19	Count	19	Count	20	Count	21	Count	18	Count	20
Mo. Min	27.0	Mo. Min	27.0	Mo. Min	27.0	Mo. Min	27.0	Mo. Min	27.0	Mo. Min	27.0
Mo. Avg	27.1	Mo. Avg	27.2	Mo. Avg	27.6	Mo. Avg	27.8	Mo. Avg	27.8	Mo. Avg	27.9
Mo. Max	28	Mo. Max	28	Mo. Max	28	Mo. Max	28	Mo. Max	28	Mo. Max	28

Table 5 (continued)
Effluent Temperature (°C)
Data for 2003 - 2005

Jan-04		Feb-04		Mar-04		Apr-04		May-04		Jun-04	
Date	°C	Date	°C	Date	°C	Date	°C	Date	°C	Date	°C
01/02/04	27.0	02/03/04	29.0	03/01/04	28.0	04/01/04	28.0	05/03/04	28.0	06/01/04	28.0
01/06/04	28.0	02/04/04	29.0	03/02/04	28.0	04/02/04	28.0	05/04/04	28.0	06/02/04	28.0
01/07/04	28.0	02/05/04	29.0	03/03/04	29.0	04/05/04	28.0	05/05/04	28.0	06/03/04	28.0
01/08/04	28.0	02/06/04	28.0	03/04/04	29.0	04/07/04	29.0	05/06/04	28.0	06/04/04	28.0
01/09/04	28.0	02/09/04	28.0	03/08/04	29.0	04/08/04	29.0	05/07/04	28.0	06/07/04	28.0
01/12/04	27.0	02/10/04	28.0	03/09/04	29.0	04/12/04	28.0	05/10/04	28.0	06/08/04	28.0
01/13/04	28.0	02/11/04	28.0	03/10/04	28.0	04/13/04	28.0	05/11/04	28.0	06/09/04	28.0
01/14/04	27.0	02/12/04	28.0	03/11/04	28.0	04/14/04	28.0	05/12/04	28.0	06/10/04	28.0
01/15/04	28.0	02/13/04	28.0	03/12/04	28.0	04/15/04	28.0	05/13/04	28.0	06/11/04	28.0
01/16/04	27.0	02/17/04	29.0	03/15/04	28.0	04/19/04	29.0	05/14/04	28.0	06/14/04	28.0
01/20/04	28.0	02/18/04	28.0	03/16/04	28.0	04/20/04	28.0	05/17/04	29.0	06/15/04	28.0
01/21/04	28.0	02/19/04	28.0	03/18/04	29.0	04/21/04	28.0	05/18/04	28.0	06/16/04	28.0
01/22/04	28.0	02/20/04	28.0	03/19/04	28.0	04/22/04	29.0	05/20/04	28.0	06/17/04	28.0
01/23/04	28.0	02/23/04	28.0	03/22/04	28.0	04/26/04	27.0	05/21/04	28.0	06/18/04	28.0
01/26/04	28.0	02/24/04	28.0	03/23/04	28.0	04/27/04	28.0	05/24/04	28.0	06/21/04	28.0
01/27/04	29.0	02/25/04	28.0	03/24/04	28.0	04/28/04	28.0	05/25/04	28.0	06/22/04	28.0
01/28/04	28.0	02/26/04	28.0	03/25/04	28.0	04/29/04	28.0	05/26/04	28.0	06/23/04	28.0
01/30/04	28.0	02/27/04	28.0	03/29/04	29.0			05/27/04	28.0	06/24/04	28.0
				03/31/04	28.0			05/28/04	28.0	06/25/04	28.0
										06/28/04	28.0
										06/29/04	28.0
										06/30/04	28.0
Count	18	Count	18	Count	19	Count	17	Count	19	Count	22
Mo. Min	27.0	Mo. Min	28.0	Mo. Min	28.0	Mo. Min	27.0	Mo. Min	28.0	Mo. Min	28.0
Mo. Avg	27.8	Mo. Avg	28.2	Mo. Avg	28.3	Mo. Avg	28.2	Mo. Avg	28.1	Mo. Avg	28.0
Mo. Max	29	Mo. Max	29	Mo. Max	29	Mo. Max	29	Mo. Max	29	Mo. Max	28
Jul-04		Aug-04		Sep-04		Oct-04		Nov-04		Dec-04	
Date	°C	Date	°C	Date	°C	Date	°C	Date	°C	Date	°C
07/01/04	28.0	08/02/04	28.0	09/01/04	27.0	10/01/04	27.0	11/01/04	27.0	12/01/04	27.0
07/02/04	28.0	08/03/04	28.0	09/02/04	27.0	10/04/04	27.0	11/02/04	27.0	12/02/04	27.0
07/06/04	28.0	08/04/04	28.0	09/03/04	27.0	10/05/04	27.0	11/03/04	27.0	12/03/04	27.0
07/07/04	28.0	08/05/04	28.0	09/07/04	27.0	10/06/04	27.0	11/04/04	27.0	12/06/04	27.0
07/08/04	28.0	08/06/04	28.0	09/08/04	27.0	10/07/04	27.0	11/05/04	27.0	12/07/04	27.0
07/09/04	28.0	08/09/04	28.0	09/09/04	27.0	10/08/04	27.0	11/08/04	27.0	12/08/04	27.0
07/12/04	28.0	08/10/04	28.0	09/10/04	26.0	10/12/04	27.0	11/09/04	27.0	12/09/04	27.0
07/13/04	28.0	08/11/04	28.0	09/13/04	27.0	10/13/04	27.0	11/10/04	27.0	12/10/04	27.0
07/14/04	28.0	08/12/04	28.0	09/14/04	27.0	10/14/04	27.0	11/12/04	27.0	12/13/04	27.0
07/15/04	28.0	08/13/04	28.0	09/15/04	27.0	10/15/04	27.0	11/15/04	27.0	12/14/04	27.0
07/19/04	28.0	08/16/04	28.0	09/16/04	27.0	10/18/04	27.0	11/16/04	27.0	12/15/04	27.0
07/20/04	28.0	08/17/04	28.0	09/17/04	27.0	10/19/04	27.0	11/17/04	27.0	12/16/04	27.0
07/21/04	28.0	08/18/04	28.0	09/20/04	27.0	10/20/04	27.0	11/18/04	27.0	12/17/04	27.0
07/22/04	28.0	08/19/04	27.0	09/21/04	27.0	10/21/04	27.0	11/19/04	27.0	12/20/04	27.0
07/23/04	28.0	08/20/04	28.0	09/22/04	27.0	10/22/04	27.0	11/22/04	27.0	12/21/04	27.0
07/26/04	28.0	08/23/04	27.0	09/23/04	27.0	10/25/04	27.0	11/23/04	27.0	12/22/04	27.0
07/27/04	28.0	08/24/04	26.0	09/24/04	27.0	10/26/04	27.0	11/24/04	27.0	12/23/04	27.0
07/28/04	28.0	08/25/04	27.0	09/27/04	27.0	10/27/04	27.0	11/26/04	27.0	12/27/04	27.0
07/29/04	28.0	08/26/04	27.0	09/28/04	27.0	10/28/04	27.0	11/29/04	27.0	12/28/04	27.0
07/30/04	28.0	08/27/04	27.0	09/29/04	27.0	10/29/04	27.0	11/30/04	27.0	12/29/04	27.0
		08/30/04	27.0	09/30/04	27.0					12/30/04	27.0
		08/31/04	27.0								
Count	20	Count	22	Count	21	Count	20	Count	20	Count	21
Mo. Min	28.0	Mo. Min	26.0	Mo. Min	26.0	Mo. Min	27.0	Mo. Min	27.0	Mo. Min	27.0
Mo. Avg	28.0	Mo. Avg	27.6	Mo. Avg	27.0	Mo. Avg	27.0	Mo. Avg	27.0	Mo. Avg	27.0
Mo. Max	28	Mo. Max	28	Mo. Max	27	Mo. Max	27	Mo. Max	27	Mo. Max	27

Table 5 (continued)
Effluent Temperature (°C)
Data for 2003 - 2005

Jan-05		Feb-05		Mar-05		Apr-05		May-05		Jun-05	
Date	°C	Date	°C	Date	°C	Date	°C	Date	°C	Date	°C
01/03/05	27.0	02/01/05	27.0	03/01/05	27.0	04/01/05	27.0	05/02/05	28.0	06/01/05	27.0
01/04/05	27.0	02/02/05	27.0	03/02/05	27.0	04/04/05	27.0	05/03/05	28.0	06/02/05	27.0
01/05/05	27.0	02/03/05	27.0	03/03/05	27.0	04/05/05	27.0	05/04/05	28.0	06/03/05	27.0
01/06/05	27.0	02/04/05	27.0	03/04/05	27.0	04/06/05	27.0	05/05/05	28.0	06/06/05	27.0
01/07/05	27.0	02/07/05	27.0	03/07/05	27.0	04/07/05	27.0	05/06/05	28.0	06/07/05	27.0
01/10/05	27.0	02/08/05	27.0	03/08/05	27.0	04/08/05	27.0	05/09/05	27.0	06/08/05	27.0
01/11/05	27.0	02/09/05	27.0	03/09/05	27.0	04/11/05	27.0	05/10/05	27.0	06/09/05	27.0
01/12/05	27.0	02/10/05	27.0	03/10/05	27.0	04/12/05	28.0	05/11/05	28.0	06/10/05	27.0
01/13/05	27.0	02/11/05	27.0	03/11/05	27.0	04/13/05	28.0	05/12/05	27.0	06/13/05	27.0
01/14/05	27.0	02/14/05	27.0	03/14/05	27.0	04/14/05	27.0	05/13/05	27.0	06/14/05	27.0
01/18/05	27.0	02/15/05	27.0	03/15/05	27.0	04/15/05	27.0	05/16/05	27.0	06/15/05	27.0
01/19/05	27.0	02/16/05	27.0	03/16/05	27.0	04/19/05	27.0	05/17/05	27.0	06/16/05	27.0
01/20/05	27.0	02/17/05	27.0	03/17/05	27.0	04/20/05	27.0	05/18/05	27.0	06/17/05	27.0
01/21/05	27.0	02/18/05	27.0	03/18/05	27.0	04/21/05	27.0	05/19/05	27.0	06/20/05	27.0
01/24/05	27.0	02/22/05	27.0	03/22/05	27.0	04/22/05	27.0	05/20/05	28.0	06/21/05	27.0
01/25/05	27.0	02/23/05	27.0	03/23/05	27.0	04/25/05	27.0	05/23/05	28.0	06/22/05	27.0
01/26/05	27.0	02/24/05	27.0	03/24/05	28.0	04/26/05	27.0	05/24/05	28.0	06/23/05	28.0
01/27/05	27.0	02/25/05	27.0	03/28/05	27.0	04/27/05	27.0	05/25/05	28.0	06/24/05	27.0
01/28/05	27.0	02/28/05	27.0	03/29/05	27.0	04/28/05	27.0	05/26/05	28.0	06/27/05	27.0
01/31/05	27.0			03/30/05	27.0	04/29/05	27.0	05/27/05	27.0	06/28/05	27.0
				03/31/05	27.0			05/31/05	27.0	06/29/05	27.0
										06/30/05	27.0
Count	20	Count	19	Count	21	Count	20	Count	21	Count	22
Mo. Min	27.0	Mo. Min	27.0	Mo. Min	27.0	Mo. Min	27.0	Mo. Min	27.0	Mo. Min	27.0
Mo. Avg	27.0	Mo. Avg	27.0	Mo. Avg	27.0	Mo. Avg	27.1	Mo. Avg	27.5	Mo. Avg	27.0
Mo. Max	27.0	Mo. Max	27.0	Mo. Max	28.0	Mo. Max	28.0	Mo. Max	28.0	Mo. Max	28.0
Jul-05		Aug-05		Sep-05		Oct-05		Nov-05		Dec-05	
Date	°C	Date	°C	Date	°C	Date	°C	Date	°C	Date	°C
07/01/05	27.0	08/01/05	27.0	09/01/05	28.0	10/03/05	27.0	11/01/05	27.0	12/01/05	28.0
07/05/05	27.0	08/02/05	27.0	09/02/05	28.0	10/04/05	27.0	11/02/05	27.0	12/02/05	28.0
07/06/05	27.0	08/03/05	27.0	09/06/05	28.0	10/05/05	27.0	11/03/05	27.0	12/05/05	28.0
07/07/05	27.0	08/04/05	27.0	09/07/05	28.0	10/06/05	27.0	11/04/05	27.0	12/06/05	28.0
07/08/05	27.0	08/05/05	27.0	09/08/05	28.0	10/07/05	27.0	11/07/05	27.0	12/07/05	28.0
07/11/05	27.0	08/08/05	27.0	09/09/05	27.0	10/11/05	27.0	11/08/05	27.0	12/08/05	28.0
07/12/05	27.0	08/09/05	27.0	09/12/05	27.0	10/12/05	27.0	11/09/05	27.0	12/09/05	28.0
07/13/05	27.0	08/10/05	27.0	09/13/05	27.0	10/13/05	27.0	11/10/05	27.0	12/12/05	28.0
07/14/05	27.0	08/11/05	27.0	09/14/05	27.0	10/14/05	27.0	11/14/05	27.0	12/13/05	28.0
07/18/05	27.0	08/12/05	27.0	09/15/05	27.0	10/17/05	27.0	11/15/05	27.0	12/14/05	28.0
07/19/05	27.0	08/15/05	27.0	09/16/05	27.0	10/18/05	27.0	11/16/05	27.0	12/15/05	28.0
07/20/05	27.0	08/16/05	27.0	09/19/05	27.0	10/19/05	27.0	11/17/05	27.0	12/16/05	28.0
07/21/05	27.0	08/17/05	27.0	09/20/05	27.0	10/20/05	27.0	11/18/05	28.0	12/19/05	28.0
07/22/05	27.0	08/18/05	27.0	09/21/05	27.0	10/21/05	27.0	11/21/05	28.0	12/20/05	28.0
07/25/05	27.0	08/19/05	27.0	09/22/05	27.0	10/24/05	27.0	11/22/05	28.0	12/21/05	28.0
07/26/05	27.0	08/22/05	27.0	09/23/05	27.0	10/25/05	27.0	11/23/05	28.0	12/22/05	28.0
07/27/05	27.0	08/23/05	27.0	09/26/05	27.0	10/26/05	27.0	11/25/05	28.0	12/23/05	28.0
07/28/05	27.0	08/24/05	27.0	09/27/05	27.0	10/27/05	27.0	11/28/05	28.0	12/27/05	28.0
07/29/05	27.0	08/25/05	27.0	09/28/05	27.0	10/28/05	27.0	11/29/05	28.0	12/28/05	28.0
		08/26/05	27.0	09/29/05	27.0	10/31/05	27.0	11/30/05	28.0	12/29/05	28.0
		08/29/05	27.0	09/30/05	27.0					12/30/05	28.0
		08/30/05	27.0								
		08/31/05	27.0								
Count	19	Count	23	Count	21	Count	20	Count	20	Count	21
Mo. Min	27.0	Mo. Min	27.0	Mo. Min	27.0	Mo. Min	27.0	Mo. Min	27.0	Mo. Min	28.0
Mo. Avg	27.0	Mo. Avg	27.0	Mo. Avg	27.2	Mo. Avg	27.0	Mo. Avg	27.4	Mo. Avg	28.0
Mo. Max	27.0	Mo. Max	27.0	Mo. Max	28.0	Mo. Max	27.0	Mo. Max	28.0	Mo. Max	28.0

Table 5 (continued)
Effluent Temperature (°C)
Data for 2003 - 2005

Summary 2003 -2005	
Number of Samples	712
Maximum Daily	29.0
Max Monthly Average	28.3
Long Term Average (all values)	27.5
Minimum Daily	26.0
Standard Deviation (all values)	0.56

Table 6 Settleable Solids (ml/L) Data for 2003- 2005											
Jan-03		Feb-03		Mar-03		Apr-03		May-03		Jun-03	
Date	ml/l	Date	ml/l	Date	ml/l	Date	ml/l	Date	ml/l	Date	ml/l
01/01/03	0.1	02/01/03	0.1	03/01/03	0.2	04/01/03	0.20	05/01/03	0.10	06/01/03	0.20
01/02/03	0.1	02/02/03	0.1	03/02/03	0.1	04/02/03	0.10	05/02/03	0.10	06/02/03	0.20
01/03/03	0.1	02/03/03	0.2	03/03/03	0.1	04/03/03	0.10	05/03/03	0.10	06/03/03	0.10
01/04/03	0.2	02/04/03	0.3	03/04/03	0.2	04/04/03	0.10	05/04/03	0.10	06/04/03	0.10
01/05/03	0.1	02/05/03	0.2	03/05/03	0.2	04/05/03	0.10	05/05/03	0.10	06/05/03	0.20
01/06/03	0.2	02/06/03	0.2	03/06/03	0.1	04/06/03	0.10	05/06/03	0.10	06/06/03	0.20
01/07/03	0.1	02/07/03	0.2	03/07/03	0.1	04/07/03	0.10	05/07/03	0.10	06/07/03	0.20
01/08/03	0.1	02/08/03	0.2	03/08/03	0.1	04/08/03	0.10	05/08/03	0.10	06/08/03	0.20
01/09/03	0.1	02/09/03	0.1	03/09/03	0.2	04/09/03	0.20	05/09/03	0.10	06/09/03	0.20
01/10/03	0.1	02/10/03	0.2	03/10/03	0.1	04/10/03	0.10	05/10/03	0.10	06/10/03	0.20
01/11/03	0.1	02/11/03	0.1	03/11/03	0.1	04/11/03	0.20	05/11/03	0.10	06/11/03	0.20
01/12/03	0.1	02/12/03	0.3	03/12/03	0.1	04/12/03	0.20	05/12/03	0.10	06/12/03	0.10
01/13/03	0.1	02/13/03	0.2	03/13/03	0.2	04/13/03	0.10	05/13/03	0.10	06/13/03	0.10
01/14/03	0.1	02/14/03	0.1	03/14/03	0.1	04/14/03	0.10	05/14/03	0.10	06/14/03	0.20
01/15/03	0.1	02/15/03	0.2	03/15/03	0.1	04/15/03	0.20	05/15/03	0.10	06/15/03	0.20
01/16/03	0.1	02/16/03	0.2	03/16/03	0.1	04/16/03	0.20	05/16/03	0.10	06/16/03	0.20
01/17/03	0.1	02/17/03	0.2	03/17/03	0.1	04/17/03	0.10	05/17/03	0.10	06/17/03	0.20
01/18/03	0.1	02/18/03	0.2	03/18/03	0.1	04/18/03	0.10	05/18/03	0.10	06/18/03	0.20
01/19/03	0.1	02/19/03	0.1	03/19/03	0.1	04/19/03	0.20	05/19/03	0.10	06/19/03	0.10
01/20/03	0.2	02/20/03	0.1	03/20/03	0.2	04/20/03	0.10	05/20/03	0.10	06/20/03	0.10
01/21/03	0.1	02/21/03	0.2	03/21/03	0.1	04/21/03	0.1	05/21/03	0.1	06/21/03	0.10
01/22/03	0.2	02/22/03	0.2	03/22/03	0.1	04/22/03	0.1	05/22/03	0.2	06/22/03	0.1
01/23/03	0.4	02/23/03	0.1	03/23/03	0.1	04/23/03	0.1	05/23/03	0.2	06/23/03	0.2
01/24/03	0.3	02/24/03	0.1	03/24/03	0.1	04/24/03	0.1	05/24/03	0.2	06/24/03	0.1
01/25/03	0.2	02/25/03	0.2	03/25/03	0.1	04/25/03	0.2	05/25/03	0.2	06/25/03	0.1
01/26/03	0.2	02/26/03	0.2	03/26/03	0.1	04/26/03	0.2	05/26/03	0.1	06/26/03	0.1
01/27/03	0.3	02/27/03	0.2	03/27/03	0.1	04/27/03	0.1	05/27/03	0.1	06/27/03	0.1
01/28/03	0.2	02/28/03	0.2	03/28/03	0.1	04/28/03	0.1	05/28/03	0.2	06/28/03	0.1
01/29/03	0.3			03/29/03	0.1	04/29/03	0.1	05/29/03	0.2	06/29/03	0.1
01/30/03	0.2			03/30/03	0.1	04/30/03	0.1	05/30/03	0.1	06/30/03	0.2
01/31/03	0.1			03/31/03	0.1			05/31/03	0.3		
Count	31	Count	28	Count	31	Count	30	Count	31	Count	30
Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1
Mo. Avg	0.2	Mo. Avg	0.2	Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.2
Mo. Max	0.4	Mo. Max	0.3	Mo. Max	0.2	Mo. Max	0.2	Mo. Max	0.3	Mo. Max	0.2
Jul-03		Aug-03		Sep-03		Oct-03		Nov-03		Dec-03	
Date	ml/l	Date	ml/l	Date	ml/l	Date	ml/l	Date	ml/l	Date	ml/l
07/01/03	0.20	08/01/03	0.10	09/01/03	0.1	10/01/03	0.10	11/01/03	0.1	12/01/03	0.10
07/02/03	0.10	08/02/03	0.10	09/02/03	0.1	10/02/03	0.10	11/02/03	0.1	12/02/03	0.10
07/03/03	0.10	08/03/03	0.20	09/03/03	0.1	10/03/03	0.10	11/03/03	0.1	12/03/03	0.10
07/04/03	0.20	08/04/03	0.20	09/04/03	0.2	10/04/03	0.10	11/04/03	0.1	12/04/03	0.10
07/05/03	0.10	08/05/03	0.10	09/05/03	0.1	10/05/03	0.10	11/05/03	0.1	12/05/03	0.10
07/06/03	0.10	08/06/03	0.20	09/06/03	0.1	10/06/03	0.10	11/06/03	0.1	12/06/03	0.20
07/07/03	0.10	08/07/03	0.10	09/07/03	0.1	10/07/03	0.10	11/07/03	0.2	12/07/03	0.20
07/08/03	0.10	08/08/03	0.10	09/08/03	0.1	10/08/03	0.10	11/08/03	0.1	12/08/03	0.20
07/09/03	0.10	08/09/03	0.10	09/09/03	0.1	10/09/03	0.10	11/09/03	0.1	12/09/03	0.20
07/10/03	0.20	08/10/03	0.10	09/10/03	0.1	10/10/03	0.10	11/10/03	0.1	12/10/03	0.20
07/11/03	0.10	08/11/03	0.10	09/11/03	0.1	10/11/03	0.10	11/11/03	0.1	12/11/03	0.10
07/12/03	0.10	08/12/03	0.10	09/12/03	0.1	10/12/03	0.10	11/12/03	0.1	12/12/03	0.10
07/13/03	0.20	08/13/03	0.20	09/13/03	0.1	10/13/03	0.10	11/13/03	0.1	12/13/03	0.10
07/14/03	0.10	08/14/03	0.20	09/14/03	0.1	10/14/03	0.10	11/14/03	0.1	12/14/03	0.10
07/15/03	0.20	08/15/03	0.10	09/15/03	0.1	10/15/03	0.10	11/15/03	0.1	12/15/03	0.10
07/16/03	0.20	08/16/03	0.10	09/16/03	0.1	10/16/03	0.10	11/16/03	0.2	12/16/03	0.20
07/17/03	0.10	08/17/03	0.10	09/17/03	0.1	10/17/03	0.10	11/17/03	0.1	12/17/03	0.10
07/18/03	0.20	08/18/03	0.10	09/18/03	0.1	10/18/03	0.10	11/18/03	0.3	12/18/03	0.10
07/19/03	0.10	08/19/03	0.10	09/19/03	0.1	10/19/03	0.10	11/19/03	0.1	12/19/03	0.10
07/20/03	0.1	08/20/03	0.1	09/20/03	0.1	10/20/03	0.10	11/20/03	0.1	12/20/03	0.10
07/21/03	0.2	08/21/03	0.2	09/21/03	0.1	10/21/03	0.10	11/21/03	0.1	12/21/03	0.1
07/22/03	0.2	08/22/03	0.1	09/22/03	0.2	10/22/03	0.2	11/22/03	0.1	12/22/03	0.1
07/23/03	0.1	08/23/03	0.1	09/23/03	0.1	10/23/03	0.1	11/23/03	0.1	12/23/03	0.1
07/24/03	0.1	08/24/03	0.1	09/24/03	0.1	10/24/03	0.1	11/24/03	0.2	12/24/03	0.1
07/25/03	0.2	08/25/03	0.1	09/25/03	0.1	10/25/03	0.1	11/25/03	0.1	12/25/03	0.2
07/26/03	0.1	08/26/03	0.1	09/26/03	0.1	10/26/03	0.2	11/26/03	0.1	12/26/03	0.2
07/27/03	0.2	08/27/03	0.1	09/27/03	0.1	10/27/03	0.1	11/27/03	0.2	12/27/03	0.1
07/28/03	0.1	08/28/03	0.1	09/28/03	0.1	10/28/03	0.1	11/28/03	0.2	12/28/03	0.1
07/29/03	0.1	08/29/03	0.1	09/29/03	0.1	10/29/03	0.1	11/29/03	0.2	12/29/03	0.1
07/30/03	0.1	08/30/03	0.1	09/30/03	0.1	10/30/03	0.1	11/30/03	0.1	12/30/03	0.1
07/31/03	0.1	08/31/03	0.1			10/31/03	0.1			12/31/03	0.1
Count	31	Count	31	Count	30	Count	31	Count	30	Count	31
Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1
Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.1
Mo. Max	0.2	Mo. Max	0.2	Mo. Max	0.2	Mo. Max	0.2	Mo. Max	0.3	Mo. Max	0.2

Jan-04		Feb-04		Mar-04		Apr-04		May-04		Jun-04	
Date	m/l	Date	m/l	Date	m/l	Date	m/l	Date	m/l	Date	m/l
01/01/04	0.1	02/01/04	0.1	03/01/04	0.1	04/01/04	0.1	05/01/04	0.1	06/01/04	0.1
01/02/04	0.1	02/02/04	0.1	03/02/04	0.1	04/02/04	0.1	05/02/04	0.1	06/02/04	0.1
01/03/04	0.1	02/03/04	0.1	03/03/04	0.1	04/03/04	0.2	05/03/04	0.1	06/03/04	0.1
01/04/04	0.1	02/04/04	0.1	03/04/04	0.1	04/04/04	0.1	05/04/04	0.1	06/04/04	0.1
01/05/04	0.1	02/05/04	0.1	03/05/04	0.1	04/05/04	0.1	05/05/04	0.1	06/05/04	0.1
01/06/04	0.1	02/06/04	0.2	03/06/04	0.1	04/06/04	0.1	05/06/04	0.1	06/06/04	0.1
01/07/04	0.1	02/07/04	0.1	03/07/04	0.1	04/07/04	0.1	05/07/04	0.1	06/07/04	0.1
01/08/04	0.2	02/08/04	0.2	03/08/04	0.2	04/08/04	0.1	05/08/04	0.1	06/08/04	0.1
01/09/04	0.2	02/09/04	0.1	03/09/04	0.1	04/09/04	0.2	05/09/04	0.1	06/09/04	0.1
01/10/04	0.2	02/10/04	0.1	03/10/04	0.1	04/10/04	0.2	05/10/04	0.1	06/10/04	0.1
01/11/04	0.1	02/11/04	0.2	03/11/04	0.1	04/11/04	0.1	05/11/04	0.1	06/11/04	0.1
01/12/04	0.1	02/12/04	0.1	03/12/04	0.1	04/12/04	0.1	05/12/04	0.1	06/12/04	0.1
01/13/04	0.1	02/13/04	0.2	03/13/04	0.1	04/13/04	0.1	05/13/04	0.1	06/13/04	0.1
01/14/04	0.1	02/14/04	0.1	03/14/04	0.1	04/14/04	0.1	05/14/04	0.1	06/14/04	0.1
01/15/04	0.1	02/15/04	0.1	03/15/04	0.1	04/15/04	0.1	05/15/04	0.1	06/15/04	0.1
01/16/04	0.1	02/16/04	0.2	03/16/04	0.1	04/16/04	0.1	05/16/04	0.1	06/16/04	0.1
01/17/04	0.1	02/17/04	0.1	03/17/04	0.1	04/17/04	0.1	05/17/04	0.1	06/17/04	0.1
01/18/04	0.2	02/18/04	0.1	03/18/04	0.1	04/18/04	0.2	05/18/04	0.1	06/18/04	0.2
01/19/04	0.1	02/19/04	0.1	03/19/04	0.1	04/19/04	0.1	05/19/04	0.1	06/19/04	0.1
01/20/04	0.1	02/20/04	0.2	03/20/04	0.1	04/20/04	0.1	05/20/04	0.1	06/20/04	0.1
01/21/04	0.1	02/21/04	0.1	03/21/04	0.1	04/21/04	0.1	05/21/04	0.1	06/21/04	0.1
01/22/04	0.1	02/22/04	0.1	03/22/04	0.1	04/22/04	0.1	05/22/04	0.1	06/22/04	0.1
01/23/04	0.1	02/23/04	0.1	03/23/04	0.1	04/23/04	0.1	05/23/04	0.1	06/23/04	0.1
01/24/04	0.1	02/24/04	0.1	03/24/04	0.2	04/24/04	0.1	05/24/04	0.1	06/24/04	0.1
01/25/04	0.1	02/25/04	0.1	03/25/04	0.1	04/25/04	0.1	05/25/04	0.1	06/25/04	0.1
01/26/04	0.1	02/26/04	0.1	03/26/04	0.1	04/26/04	0.1	05/26/04	0.1	06/26/04	0.1
01/27/04	0.1	02/27/04	0.2	03/27/04	0.1	04/27/04	0.1	05/27/04	0.1	06/27/04	0.1
01/28/04	0.1	02/28/04	0.1	03/28/04	0.1	04/28/04	0.1	05/28/04	0.2	06/28/04	0.1
01/29/04	0.2	02/29/04	0.1	03/29/04	0.1	04/29/04	0.1	05/29/04	0.1	06/29/04	0.1
01/30/04	0.1			03/30/04	0.1	04/30/04	0.1	05/30/04	0.1	06/30/04	0.1
01/31/04	0.1			03/31/04	0.1						

Table 6 (continued)
Settleable Solids (ml/L)
Data for 2003- 2005

Jan-05		Feb-05		Mar-05		Apr-05		May-05		Jun-05	
Date	ml/l	Date	ml/l	Date	ml/l	Date	ml/l	Date	ml/l	Date	ml/l
01/01/05	0.2	02/01/05	0.1	03/01/05	0.1	04/01/05	0.1	05/01/05	0.1	06/01/05	0.1
01/02/05	0.1	02/02/05	0.1	03/02/05	0.1	04/02/05	0.1	05/02/05	0.1	06/02/05	0.1
01/03/05	0.1	02/03/05	0.1	03/03/05	0.1	04/03/05	0.1	05/03/05	0.1	06/03/05	0.1
01/04/05	0.1	02/04/05	0.2	03/04/05	0.1	04/04/05	0.1	05/04/05	0.1	06/04/05	0.1
01/05/05	0.2	02/05/05	0.1	03/05/05	0.1	04/05/05	0.1	05/05/05	0.1	06/05/05	0.2
01/06/05	0.1	02/06/05	0.1	03/06/05	0.2	04/06/05	0.1	05/06/05	0.2	06/06/05	0.1
01/07/05	0.1	02/07/05	0.2	03/07/05	0.1	04/07/05	0.1	05/07/05	0.1	06/07/05	0.2
01/08/05	0.2	02/08/05	0.1	03/08/05	0.1	04/08/05	0.1	05/08/05	0.1	06/08/05	0.2
01/09/05	0.2	02/09/05	0.1	03/09/05	0.1	04/09/05	0.1	05/09/05	0.1	06/09/05	0.1
01/10/05	0.1	02/10/05	0.1	03/10/05	0.1	04/10/05	0.1	05/10/05	0.1	06/10/05	0.1
01/11/05	0.1	02/11/05	0.2	03/11/05	0.1	04/11/05	0.1	05/11/05	0.1	06/11/05	0.1
01/12/05	0.1	02/12/05	0.1	03/12/05	0.1	04/12/05	0.1	05/12/05	0.1	06/12/05	0.1
01/13/05	0.1	02/13/05	0.1	03/13/05	0.1	04/13/05	0.2	05/13/05	0.1	06/13/05	0.1
01/14/05	0.1	02/14/05	0.1	03/14/05	0.1	04/14/05	0.1	05/14/05	0.1	06/14/05	0.1
01/15/05	0.1	02/15/05	0.2	03/15/05	0.1	04/15/05	0.2	05/15/05	0.1	06/15/05	0.2
01/16/05	0.1	02/16/05	0.1	03/16/05	0.1	04/16/05	0.1	05/16/05	0.1	06/16/05	0.1
01/17/05	0.1	02/17/05	0.1	03/17/05	0.1	04/17/05	0.1	05/17/05	0.1	06/17/05	0.1
01/18/05	0.1	02/18/05	0.1	03/18/05	0.1	04/18/05	0.1	05/18/05	0.1	06/18/05	0.2
01/19/05	0.1	02/19/05	0.1	03/19/05	0.1	04/19/05	0.1	05/19/05	0.1	06/19/05	0.1
01/20/05	0.1	02/20/05	0.1	03/20/05	0.2	04/20/05	0.1	05/20/05	0.2	06/20/05	0.2
01/21/05	0.1	02/21/05	0.1	03/21/05	0.1	04/21/05	0.1	05/21/05	0.1	06/21/05	0.1
01/22/05	0.1	02/22/05	0.1	03/22/05	0.1	04/22/05	0.2	05/22/05	0.2	06/22/05	0.1
01/23/05	0.1	02/23/05	0.1	03/23/05	0.1	04/23/05	0.1	05/23/05	0.1	06/23/05	0.1
01/24/05	0.1	02/24/05	0.1	03/24/05	0.1	04/24/05	0.1	05/24/05	0.1	06/24/05	0.1
01/25/05	0.1	02/25/05	0.1	03/25/05	0.1	04/25/05	0.1	05/25/05	0.1	06/25/05	0.0
01/26/05	0.2	02/26/05	0.2	03/26/05	0.1	04/26/05	0.1	05/26/05	0.1	06/26/05	0.1
01/27/05	0.2	02/27/05	0.1	03/27/05	0.1	04/27/05	0.1	05/27/05	0.1	06/27/05	0.1
01/28/05	0.1	02/28/05	0.1	03/28/05	0.2	04/28/05	0.1	05/28/05	0.1	06/28/05	0.5
01/29/05	0.1			03/29/05	0.1	04/29/05	0.1	05/29/05	0.1	06/29/05	0.1
01/30/05	0.1			03/30/05	0.1	04/30/05	0.2	05/30/05	0.1	06/30/05	0.1
01/31/05	0.1			03/31/05	0.1			05/31/05	0.1		
Count	31	Count	28	Count	31	Count	30	Count	31	Count	30
Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.0
Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.1
Mo. Max	0.2	Mo. Max	0.2	Mo. Max	0.2	Mo. Max	0.2	Mo. Max	0.2	Mo. Max	0.5
Jul-05		Aug-05		Sep-05		Oct-05		Nov-05		Dec-05	
Date	ml/l	Date	ml/l	Date	ml/l	Date	ml/l	Date	ml/l	Date	ml/l
07/01/05	0.1	08/01/05	0.1	09/01/05	0.2	10/01/05	0.2	11/01/05	0.1	12/01/05	0.1
07/02/05	0.1	08/02/05	0.1	09/02/05	0.2	10/02/05	0.1	11/02/05	0.1	12/02/05	0.1
07/03/05	0.2	08/03/05	0.1	09/03/05	0.1	10/03/05	0.2	11/03/05	0.1	12/03/05	0.1
07/04/05	0.1	08/04/05	0.1	09/04/05	0.1	10/04/05	0.1	11/04/05	0.2	12/04/05	0.1
07/05/05	0.1	08/05/05	0.1	09/05/05	0.1	10/05/05	0.1	11/05/05	0.1	12/05/05	0.1
07/06/05	0.1	08/06/05	0.1	09/06/05	0.1	10/06/05	0.5	11/06/05	0.2	12/06/05	0.1
07/07/05	0.2	08/07/05	0.2	09/07/05	0.1	10/07/05	0.2	11/07/05	0.1	12/07/05	0.1
07/08/05	0.1	08/08/05	0.2	09/08/05	0.2	10/08/05	0.1	11/08/05	0.1	12/08/05	0.1
07/09/05	0.2	08/09/05	0.1	09/09/05	0.1	10/09/05	0.1	11/09/05	0.2	12/09/05	0.1
07/10/05	0.1	08/10/05	0.1	09/10/05	0.1	10/10/05	0.2	11/10/05	0.1	12/10/05	0.2
07/11/05	0.1	08/11/05	0.1	09/11/05	0.1	10/11/05	0.2	11/11/05	0.1	12/11/05	0.1
07/12/05	0.1	08/12/05	0.1	09/12/05	0.1	10/12/05	0.1	11/12/05	0.1	12/12/05	0.1
07/13/05	0.1	08/13/05	0.1	09/13/05	0.1	10/13/05	0.1	11/13/05	0.2	12/13/05	0.1
07/14/05	0.1	08/14/05	0.1	09/14/05	0.1	10/14/05	0.1	11/14/05	0.1	12/14/05	0.1
07/15/05	0.1	08/15/05	0.1	09/15/05	0.1	10/15/05	0.1	11/15/05	0.1	12/15/05	0.1
07/16/05	0.1	08/16/05	0.1	09/16/05	0.1	10/16/05	0.1	11/16/05	0.2	12/16/05	0.1
07/17/05	0.1	08/17/05	0.2	09/17/05	0.1	10/17/05	0.1	11/17/05	0.2	12/17/05	0.1
07/18/05	0.2	08/18/05	0.2	09/18/05	0.1	10/18/05	0.1	11/18/05	0.1	12/18/05	0.1
07/19/05	0.2	08/19/05	0.3	09/19/05	0.1	10/19/05	0.1	11/19/05	0.1	12/19/05	0.1
07/20/05	0.1	08/20/05	0.1	09/20/05	0.1	10/20/05	0.1	11/20/05	0.1	12/20/05	0.1
07/21/05	0.1	08/21/05	0.1	09/21/05	0.2	10/21/05	0.1	11/21/05	0.1	12/21/05	0.2
07/22/05	0.2	08/22/05	0.1	09/22/05	0.1	10/22/05	0.1	11/22/05	0.1	12/22/05	0.1
07/23/05	0.1	08/23/05	0.2	09/23/05	0.1	10/23/05	0.1	11/23/05	0.1	12/23/05	0.1
07/24/05	0.1	08/24/05	0.1	09/24/05	0.1	10/24/05	0.1	11/24/05	0.1	12/24/05	0.2
07/25/05	0.2	08/25/05	0.5	09/25/05	0.1	10/25/05	0.1	11/25/05	0.1	12/25/05	0.1
07/26/05	0.1	08/26/05	0.1	09/26/05	0.1	10/26/05	0.1	11/26/05	0.1	12/26/05	0.2
07/27/05	0.1	08/27/05	0.1	09/27/05	0.2	10/27/05	0.1	11/27/05	0.1	12/27/05	0.1
07/28/05	0.1	08/28/05	0.1	09/28/05	0.2	10/28/05	0.1	11/28/05	0.1	12/28/05	0.2
07/29/05	0.2	08/29/05	0.1	09/29/05	0.2	10/29/05	0.1	11/29/05	0.2	12/29/05	0.3
07/30/05	0.5	08/30/05	0.1	09/30/05	0.1	10/30/05	0.2	11/30/05	0.1	12/30/05	0.1
07/31/05	0.2	08/31/05	0.1			10/31/05	0.1			12/31/05	0.2
Count	31	Count	31	Count	30	Count	31	Count	30	Count	31
Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1	Mo. Min	0.1
Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.1	Mo. Avg	0.1
Mo. Max	0.5	Mo. Max	0.5	Mo. Max	0.2	Mo. Max	0.5	Mo. Max	0.2	Mo. Max	0.3

Table 6 (continued)
Settleable Solids (ml/L)
Data for 2003- 2005

Summary 2003 -2005	
Number of Samples	1096
Maximum Daily	0.5
Max Monthly Average	0.18
Long Term Average (all values)	0.13
Minimum Daily	0.0
Standard Deviation (all values)	0.05

Table 7 Data Qualifiers for Utulei WWTP Priority Pollutant Analysis (Results in Tables 8 - 14)		
Constituent Group	Symbol	Interpretation
All	=	Value of constituent with no qualifiers.
	ND	The compound was analyzed for, but was not detected at or above the MRL/MDL (Method Reporting Limit or the Method Detection Limit)
	X	Noted in CAS Case Narrative (Attachment II)
Metals	B	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL
Organics	B	The analyte was found in the associated method blank at a level that is significant relative to the sample results
	I	The MRL/MDL has been elevated due to a chromatographic interference
	J	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL
	P	The GC or HPLC confirmation criteria was exceeded. The relative difference is greater than 40% between the two analytical results (25% for CLP pesticides)
Dioxins	J	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL
	K	Maximum possible concentration was estimated

Table 8
Results of Priority Pollutant Analyses
Conventional Parameters

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Ammonia (as N)	21.7		mg/l	350.1	0.5/0.3
Mar-05	Ammonia (as N)	23.3	=	mg/l	350.1	1/0.4
	No. of Samples	2				
	Maximum	23.3		mg/l		
	Average	22.5		mg/l		

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
	Chlorine (Total Residual, TRC)					
	Chlorine (Total Residual, TRC)					
	No. of Samples					
	Maximum					
	Average					

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
	Dissolved Oxygen					
	Dissolved Oxygen					
	No. of Samples					
	Maximum					
	Average					

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Total Kjeldahl Nitrogen (TKN)	67.1		mg/l	351.4	2.5/1.8
Mar-05	Total Kjeldahl Nitrogen (TKN)	34.5	=	mg/l	351.4	0.1/0.07
	No. of Samples	2				
	Maximum	67.1		mg/l		
	Average	50.8		mg/l		

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Nitrate plus Nitrate Nitrogen					
Mar-05	Nitrate plus Nitrate Nitrogen					
	No. of Samples					
	Maximum					
	Average					

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Oil and Grease	6.3		mg/l	1664	5/0.64
Mar-05	Oil and Grease	5.5	=	mg/l	1664	5/0.64
	No. of Samples	2				
	Maximum	6.3		mg/l		
	Average	5.9		mg/l		

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Phosphorus (Total)	2.63		mg/l	365.3	0.05/0.015
Mar-05	Phosphorus (Total)	2.81	=	mg/l	365.3	0.05/0.025
	No. of Samples	2				
	Maximum	2.81		mg/l		
	Average	2.72		mg/l		

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Total Dissolved Solids (TDS)					
Mar-05	Total Dissolved Solids (TDS)					
	No. of Samples					
	Maximum					
	Average					

Table 9
Results of Priority Pollutant Analyses
Metals

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Antimony	ND	ND	µg/l	6010B	50/40
Mar-05	Antimony	ND	ND	µg/l	6010B	50/20
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Arsenic	ND	ND	µg/l	7060A	25/5
Mar-05	Arsenic	ND	ND	µg/l	7060A	5/1
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Beryllium	ND	ND	µg/l	6010B	5/0.4
Mar-05	Beryllium	ND	ND	µg/l	6010B	5/0.2
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Cadmium	ND	ND	µg/l	6010B	5/5
Mar-05	Cadmium	ND	ND	µg/l	6010B	5/2
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Chromium	ND	ND	µg/l	6010B	5/3
Mar-05	Chromium	ND	ND	µg/l	6010B	5/3
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Copper	6.1	=, B	µg/l	6010B	10/4
Mar-05	Copper	ND	ND	µg/l	6010B	10/7
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	6.1		1.4	0.071	
	Average	-				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Lead	ND	ND	µg/l	7421	4/2
Mar-05	Lead	ND	ND	µg/l	7421	2/1
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Mercury	0.24	=	µg/l	7470A	0.2/0.04
Mar-05	Mercury	0.0647	=	µg/l	1631E	1/0.1
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	0.24		1.4	0.0028	
	Average	0.152		1.32	0.0017	

Table 9 (continued)
Results of Priority Pollutant Analyses
Metals

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Nickel	ND	ND	mg/l	6010B	20/20
Mar-05	Nickel	ND	ND	mg/l	6010B	20/3
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Selenium	ND	ND	mg/l	7740	25/5
Mar-05	Selenium	ND	ND	mg/l	7740	5/1
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Silver	ND	ND	mg/l	6010B	10/5
Mar-05	Silver	ND	ND	mg/l	6010B	10/9
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Thallium	ND	ND	mg/l	7841	25/5
Mar-05	Thallium	ND	ND	mg/l	7841	5/1
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Zinc	27.7	=	mg/l	6010B	10/2
Mar-05	Zinc	28.5	=	mg/l	6010B	10/3
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	28.5		1.23	0.29	
	Average	28.10		1.32	0.31	
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Cyanide	ND	ND	mg/l	335.2	0.01/0.003
Mar-05	Cyanide	ND	ND	mg/l	335.2	0.01/0.003
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Phenolics, Total	0.05	=	mg/l	420.1	0.01/0.003
Mar-05	Phenolics, Total	0.13	=	mg/l	420.1	0.01/0.003
	Analysis	Concentration (mg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	0.13		1.23	1.33	
	Average	0.09		1.32	0.99	
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	HARDNESS (AS CaCO3)					
Mar-05	HARDNESS (AS CaCO3)					
	No. of Samples					

Table 10
Results of Priority Pollutant Analyses
Volatile Organic Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Acrolein	ND	ND	µg/l	624	50/4.3
Mar-05	Acrolein	ND	ND	µg/l	624	50/4.3
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Acrylonitrile	ND	ND	µg/l	624	10/0.45
Mar-05	Acrylonitrile	ND	ND	µg/l	624	10/0.45
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Benzene	ND	ND	µg/l	624	5/0.27
Mar-05	Benzene	ND	ND	µg/l	624	5/0.27
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Bromoform	ND	ND	µg/l	624	5/0.28
Mar-05	Bromoform	ND	ND	µg/l	624	5/0.28
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Carbon Tetrachloride	ND	ND	µg/l	624	5/0.38
Mar-05	Carbon Tetrachloride	2	ND	µg/l	624	5/0.38
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	2		1.23	0.021	
	Average	--				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Chlorobenzene	0.21	=, J	µg/l	624	5/0.18
Mar-05	Chlorobenzene	ND	ND	µg/l	624	5/0.18
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	0.21		1.4	0.002	
	Average	--				

Table 10 (continued)
Results of Priority Pollutant Analyses
Volatile Organic Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Dibromochloromethane (Chlorodibromo-methane)	ND	ND	µg/l	624	5/0.15
Mar-05	Dibromochloromethane (Chlorodibromo-methane)	ND	ND	µg/l	624	5/0.15
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Chloroethane	ND	ND	µg/l	624	5/0.46
Mar-05	Chloroethane	ND	ND	µg/l	624	5/0.46
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Bromodichloromethane	ND	ND	µg/l	624	5/0.17
Mar-05	Bromodichloromethane	ND	ND	µg/l	624	5/0.17
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	2-Chloroethyl Vinyl Ether	ND	ND	µg/l	624	10/0.62
Mar-05	2-Chloroethyl Vinyl Ether	ND	ND	µg/l	624	10/0.62
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Chloroform	1.5	=, J	µg/l	624	5/0.21
Mar-05	Chloroform	ND	ND	µg/l	624	5/0.21
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	1.5		1.4	0.018	
	Average	--				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Dichloromethane (Methylene Chloride)	0.42	=, J	µg/l	624	5/0.21
Mar-05	Dichloromethane (Methylene Chloride)	ND	ND	µg/l	624	5/0.21
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	0.42		1.4	0.005	
	Average	--				

Table 10 (continued)
Results of Priority Pollutant Analyses
Volatile Organic Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	1,1-Dichloroethane (1,1-DCA)	ND	ND	µg/l	624	5/0.34
Mar-05	1,1-Dichloroethane (1,1-DCA)	ND	ND	µg/l	624	5/0.34
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	1,2-Dichloroethane (EDC)	ND	ND	µg/l	624	5/0.12
Mar-05	1,2-Dichloroethane (EDC)	ND	ND	µg/l	624	5/0.12
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	trans-1,2-Dichloroethene	ND	ND	µg/l	624	5/0.19
Mar-05	trans-1,2-Dichloroethene	ND	ND	µg/l	624	5/0.19
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	1,1-Dichloroethene (1,1-DCE)	ND	ND	µg/l	624	5/0.48
Mar-05	1,1-Dichloroethene (1,1-DCE)	ND	ND	µg/l	624	5/0.48
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	1,2-Dichloropropane	ND	ND	µg/l	624	5/0.19
Mar-05	1,2-Dichloropropane	ND	ND	µg/l	624	5/0.19
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	cis-1,3-Dichloropropene	ND	ND	µg/l	624	5/0.17
Mar-05	cis-1,3-Dichloropropene	ND	ND	µg/l	624	5/0.17
	No. of Samples	2				
Sep-04	trans-1,3-Dichloropropene	ND	ND	µg/l	624	5/0.17
Mar-05	trans-1,3-Dichloropropene	ND	ND	µg/l	624	5/0.17
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Ethylbenzene	ND	ND	µg/l	624	5/0.33
Mar-05	Ethylbenzene	ND	ND	µg/l	624	5/0.33
	No. of Samples	2				

Table 10 (continued)
Results of Priority Pollutant Analyses
Volatile Organic Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Bromomethane (Methyl Bromide)	ND	ND	µg/l	624	5/0.81
Mar-05	Bromomethane (Methyl Bromide)	ND	ND	µg/l	624	5/0.81
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Chloromethane (Methyl Chloride)	ND	ND	µg/l	624	5/0.31
Mar-05	Chloromethane (Methyl Chloride)	ND	ND	µg/l	624	5/0.31
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Dichloromethane (Methylene Chloride)	0.42	=, J	µg/l	624	5/0.21
Mar-05	Dichloromethane (Methylene Chloride)	ND	ND	µg/l	624	5/0.21
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	0.42		1.4	0.005	
	Average	--				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	1,1,2,2-Tetrachloroethane	ND	ND	µg/l	624	5/0.25
Mar-05	1,1,2,2-Tetrachloroethane	ND	ND	µg/l	624	5/0.25
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Tetrachloroethene (PCE)	ND	ND	µg/l	624	5/0.43
Mar-05	Tetrachloroethene (PCE)	ND	ND	µg/l	624	5/0.43
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Toluene	0.51	=, J	µg/l	624	5/0.25
Mar-05	Toluene	2.3	=, J	µg/l	624	5/0.25
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	2.3		1.23	0.024	
	Average	1.41		1.32	0.015	

Table 10 (continued)
Results of Priority Pollutant Analyses
Volatile Organic Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	1,1,1-Trichloroethane (TCA)	ND	ND	µg/l	624	5/0.45
Mar-05	1,1,1-Trichloroethane (TCA)	ND	ND	µg/l	624	5/0.45
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	1,1,2-Trichloroethane	ND	ND	µg/l	624	5/0.21
Mar-05	1,1,2-Trichloroethane	ND	ND	µg/l	624	5/0.21
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Trichloroethene (TCE)	ND	ND	µg/l	624	5/0.46
Mar-05	Trichloroethene (TCE)	ND	ND	µg/l	624	5/0.46
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Vinyl Chloride	ND	ND	µg/l	624	5/0.58
Mar-05	Vinyl Chloride	ND	ND	µg/l	624	5/0.58
	No. of Samples	2				

Table 11
Results of Priority Pollutant Analyses
Acid-Extractable Compounds

Date	Parameter	Concentration	Comment/Qualifier	Units	Analytical Method	MRL/MDL
Sep-11	4-Chloro-3-methylphenol (P-Chloro-M-cresol)	ND	ND	µg/l	625	36/1.8
Mar-12	4-Chloro-3-methylphenol (P-Chloro-M-cresol)	ND	ND	µg/l	625	11/0.44
	No. of Samples	2				
Date	Parameter	Concentration	Comment/Qualifier	Units	Analytical Method	MRL/MDL
Sep-09	2-Chlorophenol	ND	ND	µg/l	625	36/1.2
Mar-10	2-Chlorophenol	ND	ND	µg/l	625	11/0.35
	No. of Samples	2				
Date	Parameter	Concentration	Comment/Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	2,4-Dichlorophenol	ND	ND	µg/l	625	36/1.1
Mar-05	2,4-Dichlorophenol	ND	ND	µg/l	625	11/0.39
	No. of Samples	2				
Date	Parameter	Concentration	Comment/Qualifier	Units	Analytical Method	MRL/MDL
Sep-09	2,4-Dimethylphenol	ND	ND	µg/l	625	36/0.95
Mar-10	2,4-Dimethylphenol	ND	ND	µg/l	625	11/1.6
	No. of Samples	2				
Date	Parameter	Concentration	Comment/Qualifier	Units	Analytical Method	MRL/MDL
Sep-09	4,6-Dinitro-2-methylphenol	ND	ND	µg/l	625	90/7.6
Mar-10	4,6-Dinitro-2-methylphenol	ND	ND	µg/l	625	27/2.1
	No. of Samples	2				
Date	Parameter	Concentration	Comment/Qualifier	Units	Analytical Method	MRL/MDL
Sep-09	2,4-Dinitrophenol	ND	ND	µg/l	625	90/8
Mar-10	2,4-Dinitrophenol	ND	ND	µg/l	625	27/2.8
	No. of Samples	2				
Date	Parameter	Concentration	Comment/Qualifier	Units	Analytical Method	MRL/MDL
Sep-09	2-Nitrophenol	ND	ND	µg/l	625	36/1.4
Mar-10	2-Nitrophenol	ND	ND	µg/l	625	11/0.33
	No. of Samples	2				

Table 11 (continued)
Results of Priority Pollutant Analyses
Acid-Extractable Compounds

Date	Parameter	Concentration	Comment/Q ualifier	Units	Analytical Method	MRL/MDL
Sep-11	4-Nitrophenol	13	=, J	µg/l	625	90/6.9
Mar-12	4-Nitrophenol	ND	ND	µg/l	625	27/3.1
	Analysis	Concentration (µg/l)	Comment/Q ualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	13		1.4	0.152	
	Average	--				
Date	Parameter	Concentration	Comment/Q ualifier	Units	Analytical Method	MRL/MDL
Sep-12	Pentachlorophenol (PCP)	ND	ND	µg/l	625	90/8.8
Mar-13	Pentachlorophenol (PCP)	ND	ND	µg/l	625	27/2.2
	No. of Samples	2				
Date	Parameter	Concentration	Comment/Q ualifier	Units	Analytical Method	MRL/MDL
Sep-11	Phenol	12	=, J	µg/l	625	36/1.2
Mar-12	Phenol	32	=	µg/l	625	11/0.5
	Analysis	Concentration (µg/l)	Comment/Q ualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	32		1.23	0.328	
	Average	22		1.32	0.242	
Date	Parameter	Concentration	Comment/Q ualifier	Units	Analytical Method	MRL/MDL
Sep-09	2,4,6-Trichlorophenol	ND	ND	µg/l	625	36/0.73
Mar-10	2,4,6-Trichlorophenol	ND	ND	µg/l	625	11/0.38
	No. of Samples	2				

Table 12
Results of Priority Pollutant Analyses
Base-Nuetral Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Acenaphthene	ND	ND	µg/l	625	36/1.1
Mar-05	Acenaphthene	ND	ND	µg/l	625	11/0.57
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Acenaphthylene	ND	ND	µg/l	625	36/0.85
Mar-05	Acenaphthylene	ND	ND	µg/l	625	11/0.45
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Anthracene	ND	ND	µg/l	625	36/2.2
Mar-05	Anthracene	ND	ND	µg/l	625	11/0.38
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Benzidine	ND	ND	µg/l	625	180/32
Mar-05	Benzidine	ND	ND	µg/l	625	54/40
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Benz(a)anthracene	ND	ND	µg/l	625	36/2.2
Mar-05	Benz(a)anthracene	ND	ND	µg/l	625	11/0.33
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Benzo(a)pyrene	ND	ND	µg/l	625	36/2.4
Mar-05	Benzo(a)pyrene	ND	ND	µg/l	625	11/0.39
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Benzo(b)fluoranthene	ND	ND	µg/l	625	36/2.1
Mar-05	Benzo(b)fluoranthene	ND	ND	µg/l	625	11/0.43
	No. of Samples	2				

Table 12 (continued)
Results of Priority Pollutant Analyses
Base-Nuetral Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Benzo(g,h,i)perylene	ND	ND	µg/l	625	36/2.9
Mar-05	Benzo(g,h,i)perylene	ND	ND	µg/l	625	11/0.42
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Benzo(k)fluoranthene	ND	ND	µg/l	625	36/3
Mar-05	Benzo(k)fluoranthene	ND	ND	µg/l	625	11/0.48
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Bis(2-chloroethoxy)methane	ND	ND	µg/l	625	36/0.99
Mar-05	Bis(2-chloroethoxy)methane	ND	ND	µg/l	625	11/0.82
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Bis(2-chloroethyl) Ether	ND	ND	µg/l	625	36/1.2
Mar-05	Bis(2-chloroethyl) Ether	ND	ND	µg/l	625	11/0.42
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Bis(2-chloroisopropyl) Ether	ND	ND	µg/l	625	36/1.2
Mar-05	Bis(2-chloroisopropyl) Ether	ND	ND	µg/l	625	11/0.39
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Bis(2-ethylhexyl) Phthalate	8.6	=, J	µg/l	625	36/6.8
Mar-05	Bis(2-ethylhexyl) Phthalate	12	=	µg/l	625	11/0.42
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	12		1.23	0.123	
	Average	10.3		1.32	0.113	
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	4-Bromophenyl Phenyl Ether	ND	ND	µg/l	625	36/0.98
Mar-05	4-Bromophenyl Phenyl Ether	ND	ND	µg/l	625	11/0.41
	No. of Samples	2				

Table 12 (continued)
Results of Priority Pollutant Analyses
Base-Nuetral Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Butyl Benzyl Phthalate	ND	ND	µg/l	625	36/1.7
Mar-05	Butyl Benzyl Phthalate	ND	ND	µg/l	625	11/0.26
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	2-Chloronaphthalene	ND	ND	µg/l	625	36/1.1
Mar-05	2-Chloronaphthalene	ND	ND	µg/l	625	11/0.62
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	4-Chlorophenyl Phenyl Ether	ND	ND	µg/l	625	36/1
Mar-05	4-Chlorophenyl Phenyl Ether	ND	ND	µg/l	625	11/0.37
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Chrysene	ND	ND	µg/l	625	36/2.9
Mar-05	Chrysene	ND	ND	µg/l	625	11/0.36
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Di-n-butyl Phthalate	ND	ND	µg/l	625	36/1.3
Mar-05	Di-n-butyl Phthalate	ND	ND	µg/l	625	11/0.58
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Di-n-octyl Phthalate	ND	ND	µg/l	625	36/2.3
Mar-05	Di-n-octyl Phthalate	ND	ND	µg/l	625	11/0.32
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Dibenz(a,h)anthracene	ND	ND	µg/l	625	36/2.7
Mar-05	Dibenz(a,h)anthracene	ND	ND	µg/l	625	11/0.38
	No. of Samples	2				

Table 12 (continued)
Results of Priority Pollutant Analyses
Base-Nuetral Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	1,2-Dichlorobenzene	ND	ND	µg/l	624	5/0.19
Sep-04	1,2-Dichlorobenzene	ND	ND	µg/l	624	5/0.19
Mar-05	1,2-Dichlorobenzene	ND	ND	µg/l	625	11/0.76
Mar-05	1,2-Dichlorobenzene	ND	ND	µg/l	625	36/1.6
No. of Samples		4				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	1,3-Dichlorobenzene	ND	ND	µg/l	624	5/0.17
Sep-04	1,3-Dichlorobenzene	ND	ND	µg/l	624	5/0.17
Mar-05	1,3-Dichlorobenzene	ND	ND	µg/l	625	11/0.75
Mar-05	1,3-Dichlorobenzene	ND	ND	µg/l	625	36/1.3
No. of Samples		4				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	1,4-Dichlorobenzene	4.1	=, J	µg/l	624	5/0.17
Sep-04	1,4-Dichlorobenzene	4.3	=	µg/l	624	5/0.17
Mar-05	1,4-Dichlorobenzene	3	=, J	µg/l	625	11/0.66
Mar-05	1,4-Dichlorobenzene	1.8	=, J	µg/l	625	36/1.2
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	4				
	Maximum	4.3		1.4	0.050	
	Average	3.3		1.32	0.036	
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	3,3'-Dichlorobenzidine	ND	ND	µg/l	625	90/0.97
Mar-05	3,3'-Dichlorobenzidine	ND	ND	µg/l	625	27/1.2
No. of Samples		2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Diethyl Phthalate	3.5	=, J	µg/l	625	36/1.1
Mar-05	Diethyl Phthalate	4.4	=, J	µg/l	625	11/0.44
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	4.4		1.23	0.045	
	Average	3.95		1.32	0.043	

Table 12 (continued)
Results of Priority Pollutant Analyses
Base-Nuetral Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Dimethyl Phthalate	ND	ND	µg/l	625	36/0.91
Mar-05	Dimethyl Phthalate	ND	ND	µg/l	625	11/0.39
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	2,4-Dinitrotoluene	ND	ND	µg/l	625	36/0.98
Mar-05	2,4-Dinitrotoluene	ND	ND	µg/l	625	11/1.9
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	2,6-Dinitrotoluene	ND	ND	µg/l	625	36/1.3
Mar-05	2,6-Dinitrotoluene	ND	ND	µg/l	625	11/0.56
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	1,2-Diphenylhydrazine	ND	ND	µg/l	625	36/1.9
Mar-05	1,2-Diphenylhydrazine	ND	ND	µg/l	625	11/0.7
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Fluoranthene	ND	ND	µg/l	625	36/2.4
Mar-05	Fluoranthene	ND	ND	µg/l	625	11/0.4
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Fluorene	ND	ND	µg/l	625	36/1.2
Mar-05	Fluorene	0.38	=, J	µg/l	625	11/0.37
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	0.38		1.23	0.004	
	Average	--				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Hexachlorobenzene	ND	ND	µg/l	625	36/2.3
Mar-05	Hexachlorobenzene	ND	ND	µg/l	625	11/0.32
	No. of Samples	2				

Table 12 (continued)
Results of Priority Pollutant Analyses
Base-Nuetral Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Hexachlorobutadiene	ND	ND	µg/l	625	36/1.1
Mar-05	Hexachlorobutadiene	ND	ND	µg/l	625	11/0.54
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Hexachlorocyclopentadiene	ND	ND	µg/l	625	36/4.4
Mar-05	Hexachlorocyclopentadiene	ND	ND	µg/l	625	11/0.38
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Hexachloroethane	ND	ND	µg/l	625	36/1.1
Mar-05	Hexachloroethane	ND	ND	µg/l	625	11/0.65
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Indeno(1,2,3-cd)pyrene	ND	ND	µg/l	625	36/2.5
Mar-05	Indeno(1,2,3-cd)pyrene	ND	ND	µg/l	625	11/0.6
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Isophorone	ND	ND	µg/l	625	36/0.88
Mar-05	Isophorone	ND	ND	µg/l	625	11/0.4
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Naphthalene	ND	ND	µg/l	625	36/1.4
Mar-05	Naphthalene	ND	ND	µg/l	625	11/0.7
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Nitrobenzene	ND	ND	µg/l	625	36/2.1
Mar-05	Nitrobenzene	ND	ND	µg/l	625	11/0.47
	No. of Samples	2				

Table 12 (continued)
Results of Priority Pollutant Analyses
Base-Nuetral Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	N-Nitrosodi-n-propylamine	ND	ND	µg/l	625	36/1.8
Mar-05	N-Nitrosodi-n-propylamine	ND	ND	µg/l	625	11/0.48
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	N-Nitrosodimethylamine	ND	ND	µg/l	625	90/1.8
Mar-05	N-Nitrosodimethylamine	ND	ND	µg/l	625	27/0.54
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	N-Nitrosodiphenylamine	ND	ND	µg/l	625	36/1.9
Mar-05	N-Nitrosodiphenylamine	ND	ND	µg/l	625	11/0.48
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Phenanthrene	ND	ND	µg/l	625	36/1.8
Mar-05	Phenanthrene	0.56	=, J	µg/l	625	11/0.39
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	0.56		1.23	0.006	
	Average	--				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Pyrene	ND	ND	µg/l	625	36/2.7
Mar-05	Pyrene	ND	ND	µg/l	625	11/0.36
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	1,2,4-Trichlorobenzene	ND	ND	µg/l	625	36/1.3
Mar-05	1,2,4-Trichlorobenzene	ND	ND	µg/l	625	11/0.62
	No. of Samples	2				

Table 13
Results of Priority Pollutant Analyses
Miscellaneous Volatile and Semi-volatile Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	4,4'-DDD	ND	ND	µg/l	608M	0.011/0.00084
Mar-05	4,4'-DDD	ND	ND	µg/l	608M	0.11/0.03
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	4,4'-DDE	ND	ND, i	µg/l	608M	0.011/0.011
Mar-05	4,4'-DDE	ND	ND	µg/l	608M	0.11/0.015
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	4,4'-DDT	0.018	=	µg/l	608M	0.011/0.0025
Mar-05	4,4'-DDT	0.019	J, D	µg/l	608M	0.11/0.015
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	0.019		1.23	0.000195	
	Average	0.0185				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Aldrin	ND	ND, i	µg/l	608M	0.011/0.009
Mar-05	Aldrin	ND	ND	µg/l	608M	0.11/0.0038
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	alpha-BHC	0.011	=, JP	µg/l	608M	0.011/0.0022
Mar-05	alpha-BHC	ND	ND, i	µg/l	608M	0.11/0.01
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	0.011		1.4	0.000128	
	Average	--				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Aroclor 1016	ND	ND	µg/l	608M	1.1/0.11
Mar-05	Aroclor 1016	ND	ND	µg/l	608M	1.1/0.015
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Aroclor 1221	ND	ND	µg/l	608M	1.1/0.067
Mar-05	Aroclor 1221	ND	ND	µg/l	608M	1.1/0.05
	No. of Samples	2				

Table 13 (continued)
Results of Priority Pollutant Analyses
Miscellaneous Volatile and Semi-volatile Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Aroclor 1232	ND	ND	µg/l	608M	1.1/0.045
Mar-05	Aroclor 1232	ND	ND	µg/l	608M	1.1/0.085
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Aroclor 1242	ND	ND	µg/l	608M	1.1/0.088
Mar-05	Aroclor 1242	ND	ND	µg/l	608M	1.1/0.021
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Aroclor 1248	ND	ND	µg/l	608M	1.1/0.018
Mar-05	Aroclor 1248	ND	ND	µg/l	608M	1.1/0.019
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Aroclor 1254	ND	ND	µg/l	608M	1.1/0.0088
Mar-05	Aroclor 1254	ND	ND	µg/l	608M	1.1/0.028
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Aroclor 1260	ND	ND	µg/l	608M	1.1/0.022
Mar-05	Aroclor 1260	ND	ND	µg/l	608M	1.1/0.013
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	beta-BHC	ND	ND, i	µg/l	608M	0.038/0.038
Mar-05	beta-BHC	ND	ND	µg/l	608M	0.11/0.022
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Chlordane	ND	ND, i	µg/l	608M	1.1/1.1
Mar-05	Chlordane	ND	ND, i	µg/l	608M	2.2/2.2
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	delta-BHC	0.0052	=, JP	µg/l	608M	0.011/0.0015
Mar-05	delta-BHC	ND	ND	µg/l	608M	0.11/0.016
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	0.0052		1.4	0.000061	
	Average	--				

Table 13 (continued)
Results of Priority Pollutant Analyses
Miscellaneous Volatile and Semi-volatile Compounds

Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Dieldrin	ND	ND, i	µg/l	608M	0.011/0.0013
Mar-05	Dieldrin	ND	ND	µg/l	608M	0.11/0.011
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Endosulfan I	ND	ND	µg/l	608M	0.011/0.00062
Mar-05	Endosulfan I	ND	ND	µg/l	608M	0.11/0.008
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Endosulfan II	ND	ND	µg/l	608M	0.011/0.002
Mar-05	Endosulfan II	ND	ND	µg/l	608M	0.11/0.014
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Endosulfan Sulfate	ND	ND, i	µg/l	608M	0.011/0.0038
Mar-05	Endosulfan Sulfate	ND	ND, i	µg/l	608M	0.11/0.027
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Endrin	ND	ND	µg/l	608M	0.011/0.0015
Mar-05	Endrin	ND	ND	µg/l	608M	0.11/0.015
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Endrin Aldehyde	ND	ND	µg/l	608M	0.011/0.0013
Mar-05	Endrin Aldehyde	ND	ND	µg/l	608M	0.11/0.018
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	gamma-BHC (Lindane)	ND	ND, i	µg/l	608M	0.017/0.017
Mar-05	gamma-BHC (Lindane)	ND	ND	µg/l	608M	0.11/0.0049
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Heptachlor	ND	ND, i	µg/l	608M	0.011/0.011
Mar-05	Heptachlor	ND	ND	µg/l	608M	0.11/0.018
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Heptachlor Epoxide	ND	ND, i	µg/l	608M	0.011/0.011
Mar-05	Heptachlor Epoxide	ND	ND, i	µg/l	608M	0.11/0.11
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Toxaphene	ND	ND, i	µg/l	608M	1.1/0.88
Mar-05	Toxaphene	ND	ND, i	µg/l	608M	5.4/1.4
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Trichlorofluoromethane (CFC 11)	ND	ND	µg/l	624	5/0.49
Mar-05	Trichlorofluoromethane (CFC 11)	ND	ND	µg/l	624	5/0.49
	No. of Samples	2				

Table 14 Results of Priority Pollutant Analyses Miscellaneous Parameters						
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Aluminum	356 =		mg/l	6010B	50/40
Mar-05	Aluminum	320 =		mg/l	6010B	50/30
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	356		1.4	4.157	
	Average	338				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Barium	24.4 =		mg/l	6010B	5/2
Mar-05	Barium	15.3 =		mg/l	6010B	5/0.7
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	24.4		1.4	0.285	
	Average	19.9				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Boron	554 =		mg/l	6010B	50/20
Mar-05	Boron	276 =		mg/l	6010B	50/20
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	554		1.4	6.469	
	Average	415				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Cobalt	ND	ND	mg/l	6010B	10/5
Mar-05	Cobalt	ND	ND	mg/l	6010B	10/2
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Iron	191 =		mg/l	6010B	20/20
Mar-05	Iron	275 =		mg/l	6010B	20/10
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	275		1.23	2.821	
	Average	233				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Manganese	36.8 =		mg/l	6010B	5/2
Mar-05	Manganese	36.8 =		mg/l	6010B	5/0.4
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	36.8		1.4	0.430	
	Average	36.8				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Molybdenum	ND	ND	mg/l	6010B	10/9
Mar-05	Molybdenum	ND	ND	mg/l	6010B	10/5
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Tin	ND	ND	mg/l	6010B	50/50
Mar-05	Tin	ND	ND	mg/l	6010B	50/6
	No. of Samples	2				
Date	Parameter	Concentration	Comment/ Qualifier	Units	Analytical Method	MRL/MDL
Sep-04	Titanium	5 =, B		mg/l	6010B	10/2
Mar-05	Titanium	8.2 =, B		mg/l	6010B	10/5
	Analysis	Concentration (µg/l)	Comment/ Qualifier	Flow (mgd)	Mass (lbs/d)	
	No. of Samples	2				
	Maximum	8.2		1.23	0.084	
	Average	6.6				

Table 15 Toxicity, Sea Urchin Fertilization Utulei WWTP November 2002 - February 2006				
Date	Parameter	RESULT	-% Effluent	TUc
11/18/2002	EC 50	>	2.40	
11/18/2002	NOEC	>	2.40	< 42
11/18/2002	LOEC	>	2.40	
2/24/2003	EC 50	>	2.40	
2/24/2003	NOEC		1.20	83
2/24/2003	LOEC		2.40	
5/12/2003	EC 50		1.07	
5/12/2003	NOEC		0.60	167
5/12/2003	LOEC		1.20	
8/25/2003	EC 50	>	2.40	
8/25/2003	NOEC	>	2.40	< 42
8/25/2003	LOEC	>	2.40	
11/24/2003	EC 50	>	2.40	
11/24/2003	NOEC		0.60	167
11/24/2003	LOEC		1.20	
2/2/2004	EC 50		1.94	
2/2/2004	NOEC		1.20	83
2/2/2004	LOEC		2.40	
5/10/2004	EC 50		1.15	
5/10/2004	NOEC		0.60	167
5/10/2004	LOEC		1.20	
11/22/2004	EC 50	>	2.40	
11/22/2004	NOEC		1.20	83
11/22/2004	LOEC		2.40	
9/11/2005	EC 50	>	2.40	
9/11/2005	NOEC		2.40	42
9/11/2005	LOEC	>	2.40	
11/13/2005	EC 50	>	2.40	
11/13/2005	NOEC		1.20	83
11/13/2005	LOEC		2.40	
2/12/2006	EC 50	>	2.40	
2/12/2006	NOEC	>	2.40	< 42
2/12/2006	LOEC	>	2.40	