

Table A1
Donald C. Tillman Water Reclamation Plant
Ammonia Nitrogen and Other Non-priority Pollutants Effluent Data
(CA0056227, CI-5695)

	Ammonia NH3 as N	Nitrate NO3 as N	Nitrite NO2 as N	NO2 + NO3 as N	MBAS	1/2 MBAS	Oil & Grease	1/2 O&G	Acute Toxicity (Single Survival)	Acute Toxicity (3 Consecutive Tests)	Chronic Toxicity
	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(TUa: %)	(TUa: %)	(TUc)
Jan-98	21.2	4.6	1.2	5.8	0.4	0.4	2	2	100	100	4
Feb-98	19.0	1.5	0.5	2	0.2	0.2	<1.0	0.5	100	100	
Mar-98	17.9	1.1	0.6	1.7	0.2	0.2	3.0	3.0	100	100	>10
Apr-98	19.0	0.8	0.9	1.7	0.4	0.4	<1.0	0.5	100	100	
May-98	21.1	0.7	0.4	1.1	0.5	0.5	<1.0	0.5	100	100	10
Jun-98	19.6	0.7	0.6	1.3	0.2	0.2	<1.0	0.5	95	98	
Jul-98	20.3	1.7	0.4	2.1	0.2	0.2	<1.0	0.5	100	98	>10
Aug-98	17.8	0.3	0.3	0.6	0.3	0.3	9.0	9.0	100	98	
Sep-98	19.0	0.3	0.5	0.8	0.3	0.3	<1.0	0.5		100	2
Oct-98	16.0	1.0	1.6	2.6	0.2	0.2	<1.0	0.5		100	>10
Nov-98	15.6	1.3	1.9	3.2	0.1	0.1	0.4	0.4	80	93	2
Dec-98	18.3	1.0	2.1	3.1	0.1	0.1	<1.0	0.5		93	>4
Jan-99	20.3	1.1	0.2	1.3	0.3	0.3	0.8	0.8			>4
Feb-99	21.6	1.7	0.4	2.1	0.4	0.4	<1.0	0.5	53	78	4
Mar-99	19.8	1.0	0.5	1.5	0.1	0.1	0.7	0.7	95	76	>4
Apr-99	20.9	0.9	0.4	1.3	0.2	0.2	1.2	1.2			10
May-99	20.2	2.0	0.9	2.9	0.2	0.2	0.7	0.7	100	83	
Jun-99	19.9	0.9	0.7	1.6	0.2	0.2	0.7	0.7			2
Jul-99	17.9	0.9	0.6	1.5	0.2	0.2	<1.0	0.5			2
Aug-99	16.8	1.3	0.4	1.7	0.3	0.3	1.3	1.3	100	98	10
Sep-99	18.4	1.4	0.5	1.9	0.1	0.1	0.6	0.6			10
Oct-99	19.2	1.5	0.3	1.8	0.2	0.2	2.4	2.4			2
Nov-99	19.8	3.2	0.4	3.6	0.2	0.2	<1.0	0.5	100	100	2
Dec-99	19.3	0.4	0.5	0.9	0.2	0.2	1.5	1.5			10
Jan-00	22.7	0.4	0.1	0.5	0.3	0.3	2.2	2.2			10
Feb-00	19.5	1.5	0.4	1.9	0.2	0.2	1.2	1.2	95	98	2
Mar-00	21.2	0.3	0.7	1	0.2	0.2	1.2	1.2			>10
Apr-00	16.9	1.2	0.7	1.9	0.2	0.2	<1.0	0.5			>4
May-00	15.1	0.7	1.1	1.8	0.2	0.2	1.7	1.7	100	98	
Jun-00	20.7	0.1	0.5	0.6	0.2	0.2	0.7	0.7			1
Jul-00	16.7	0.1	0.6	0.7	0.4	0.4	0.6	0.6			10
Aug-00	18.7		0.4	0.4	0.5	0.5	<1.0	0.5	100	98	1
Sep-00	17.9	0.1	0.6	0.7	0.3	0.3	<1.0	0.5			1.3
Oct-00	14.8	0.2	1.0	1.2	0.2	0.2	<1.0	0.5			1.3
Nov-00	21.2	0.1	0.8	0.9	0.2	0.2	<1.0	0.5	70	90	4

10/19/2006
Revised 11/27/2006

Table A1
Donald C. Tillman Water Reclamation Plant
Ammonia Nitrogen and Other Non-priority Pollutants Effluent Data
(CA0056227, CI-5695)

	Ammonia NH3 as N	Nitrate NO3 as N	Nitrite NO2 as N	NO2 + NO3 as N	MBAS	1/2 MBAS	Oil & Grease	1/2 O&G	Acute Toxicity (Single Survival)	Acute Toxicity (3 Consecutive Tests)	Chronic Toxicity
	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(TUa: %)	(TUa: %)	(TUc)
Dec-00	21.8	0.4	0.3	0.7	0.3	0.3	<1.0	0.5			4
Jan-01	22.4	0.7	0.7	1.4	0.4	0.4	<1.0	0.5			10
Feb-01	19.9	0.6	0.6	1.2	0.3	0.3	<1.0	0.5	100	90	2
Mar-01	21.0	1.6	0.7	2.3	0.4	0.4	<1.0	0.5			4
Apr-01	20.4	0.3	0.4	0.7	0.3	0.3	<1.0	0.5			4
May-01	20.8	0.4	1.1	1.5	0.3	0.3	<1.0	0.5	95	88	4
Jun-01	21.2	0.3	0.3	0.6	2.8	2.8	<1.0	0.5			4
Jul-01	20.1	0.1	0.4	0.5	0.2	0.2	<1.0	0.5			
Aug-01	16.4	0.2	1.2	1.4	0.3	0.3	<1.0	0.5	80	92	16
Sep-01	15.7	1.4	2.4	3.8	0.2	0.2	<1.0	0.5			16
Oct-01	13.7	5.6	2.7	8.3	0.3	0.3	<1.0	0.5			>16
Nov-01	17.6	2.2	1.1	3.3	0.2	0.2	<1.0	0.5	95	90	>16
Dec-01	12.4	2.2	0.4	2.6	0.3	0.3	<1.0	0.5			4
Jan-02	15.8	2.5	0.3	2.79	0.3	0.3	0.6	0.6			8
Feb-02	16.0	1.7	0.3	2.04	0.3	0.3	<1.0	0.5	100	92	4
Mar-02	18.5	2.4	0.4	2.83	0.4	0.4	<1.0	0.5			2
Apr-02	23.1	0.3	0.1	0.41	0.5	0.5	<1.0	0.5			2
May-02	21.5	0.2	0.4	0.56	0.2	0.2	<1.0	0.5			2
Jun-02	19.9	0.6	1.2	1.87	0.3	0.3	<1.0	0.5	90	95	8
Jul-02	18.7	1.4	0.9	2.3	0.3	0.3	<1.0	0.5			4
Aug-02	18.9	3.7	0.8	4.5	0.3	0.3	<1.0	0.5	70	87	8
Sep-02	20.8	0.1	0.6	0.73	0.1	0.1	<1.0	0.5			4
Oct-02	21.1	0.1	0.7	0.81	0.3	0.3	<1.0	0.5			>8
Nov-02	22.0	0.1	0.4	0.43	0.3	0.3	<1.0	0.5	100	87	8
Dec-02	21.2	0.2	1.3	1.52	0.4	0.4	<1.0	0.5			4
Jan-03	23.9	0.2	1.3	1.51	0.3	0.3	<1.0	0.5			16
Feb-03	18.6	0.9	1.7	2.64	0.2	0.2	<1.0	0.5	95	88	>1
Mar-03	18.9	1.3	1.2	2.52	0.3	0.3	<1.0	0.5			>1
Apr-03	20.2	1.0	1.0	2.01	<1.0	0.5	<1.0	0.5			>1
May-03	19.9	1.0	1.2	2.16	0.4	0.4	<1.0	0.5	100	98	>1
Jun-03	20.9	0.5	1.0	1.51	0.2	0.2	<1.0	0.5			>1
Jul-03	18.8	0.2	1.5	1.71	0.3	0.3	<1.0	0.5			8
Aug-03	18.2	0.2	0.8	0.93	0.03	0.03	<1.0	0.5	100	98	
Sep-03	18.8	0.5	1.8	2.36	0.1	0.1	<1.0	0.5			4
Oct-03	21.1	0.2	0.9	1.07	0.2	0.2	<1.0	0.5			8

10/19/2006
Revised 11/27/2006

Table A1
Donald C. Tillman Water Reclamation Plant
Ammonia Nitrogen and Other Non-priority Pollutants Effluent Data
(CA0056227, CI-5695)

	Ammonia NH3 as N	Nitrate NO3 as N	Nitrite NO2 as N	NO2 + NO3 as N	MBAS	1/2 MBAS	Oil & Grease	1/2 O&G	Acute Toxicity (Single Survival)	Acute Toxicity (3 Consecutive Tests)	Chronic Toxicity
	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(TUa: %)	(TUa: %)	(TUc)
Nov-03	22.3	0.8	1.2	2	0.2	0.2	<1.0	0.5	80	93	8
Dec-03	22.1	1.6	1.2	2.82	0.4	0.4	<1.0	0.5			8
Jan-04	22.5	0.7	1.6	2.26	0.2	0.2	<1.0	0.5			2
Feb-04	19.9	1.1	1.3	2.36	0.5	0.5	<1.0	0.5	100	93	4
Mar-04	20.0	1.9	1.2	3.08	0.2	0.2	<1.0	0.5			4
Apr-04	22.8	0.8	0.7	1.44	0.2	0.2	<1.0	0.5			2
May-04	22.0	0.4	0.7	1.11	0.2	0.2	<1.0	0.5	100	93	16
Jun-04	23.1	0.6	0.4	0.99	0.2	0.2	<1.0	0.5			4
Jul-04	22.3	0.2	0.5	0.68	0.2	0.2	1.3	1.3			8
Aug-04	21.2	0.6	0.4	0.95	0.2	0.2	<1.0	0.5			8
Sep-04	21.4	0.4	0.4	0.79	0.1	0.1	<1.0	0.5	100	100	8
Oct-04	21.4	1.0	1.1	2.12	0.2	0.2	<1.0	0.5			8
Nov-04	20.4	0.7	0.6	1.34	0.2	0.2	<1.0	0.5	90	97	16
Dec-04	22.6	1.0	0.6	1.53	0.1	0.1	<1.0	0.5			16
Jan-05	20.9	1.6	1.2	2.71	0.1	0.1	<1.0	0.5			>16
Feb-05	17.6	4.6	0.7	5.3	0.2	0.2	<1.0	0.5	100	97	4
Mar-05	18.6	1.7	0.5	2.23	0.2	0.2	<1.0	0.5			8
Apr-05	19.9	1.1	0.5	1.5	0.2	0.2	<1.0	0.5			2
May-05	18.8	0.6	1.3	1.96	0.1	0.1	<1.0	0.5	100	97	4
Jun-05	19.2	0.9	0.8	1.73	0.2	0.2	<1.0	0.5			16
Jul-05	18.5	1.1	1.0	2.1	0.2	0.2	<1.0	0.5			1
Aug-05	19.5	0.3	1.0	1.3	0.1	0.1	<1.0	0.5	100	100	8
Sep-05	20.6	0.6	0.6	1.18	0.1	0.1	<1.0	0.5			4
Oct-05	18.7	0.9	1.5	2.36	0.1	0.1	<1.0	0.5			4
Nov-05	21.8	1.2	0.3	1.56	0.1	0.1	<1.0	0.5	100	100	4
Dec-05	22.3	1.2	0.5	1.65	0.1	0.1	<1.0	0.5			8
Max	23.9	5.6	2.7	8.3		2.8		9	100	100	16
Min	12.4	0.05	0.1	0.4		0.03		0.4	53	76	1
# of Data Points	96	95	96	96		96		96	38	41	71
SD	2.20329075	0.99273477	0.49744213	1.20261774		0.28161533		0.95738072	10.8051737	6.10377732	
Avg	19.634375	1.03989474	0.80697917	1.83604167		0.26708333		0.74270833	94.2894737	94.4878049	
CV	0.11221599	0.95464929	0.616425	0.65500569		1.05440996		1.28903997	0.11459576	0.06459857	