

**Table F8A Terminal Island Treatment Plant
Monthly Average Effluent Limits for Total Ammonia
(CA0053856, CI-2171)**

	HW20	HW40	HW41	HW42	HW43	HW44	HW50	HW51	HW52	HW53	HW54	HW62	HW63	HW64
1/10/2000	3.24	3.19	3.24	3.29	3.23	3.30	3.19	3.28	3.06	3.22	3.11	3.07	3.16	2.95
2/24/2000	2.20	2.31	2.09	2.43		2.34		2.36	2.58	2.39	3.11	2.40	2.42	2.51
3/2/2000	3.19	3.25	3.08	2.66	2.66	3.25	2.83	3.13	2.83	2.98	3.48	2.75	2.79	2.48
4/19/2000	1.51	1.75	1.56	1.60	1.73	2.19	1.62	1.62	1.76	1.70	2.16	1.89	2.09	2.33
5/24/2000	1.30	1.51	1.50	1.48	1.43	1.48	1.37	1.59	1.50	1.40	1.41	1.45	1.53	1.60
6/21/2000	0.81	0.89	0.89	0.84	0.87	1.05	1.00	0.94	0.91	0.96	1.10	0.96	1.21	1.22
7/19/2000	1.49	1.60	1.84	1.79	2.13	2.79	1.84	1.83	2.18	2.43	3.19	2.32	2.54	2.83
8/16/2000	0.76	0.71	0.94	0.97	0.91	1.15	0.94	0.97	0.94	0.89	0.96	1.04	1.08	1.11
9/14/2000	1.09	1.21	1.13	1.20	1.21	1.24	1.18	1.10	1.14	1.04	1.20	1.32	1.16	1.24
10/19/2000	1.26	1.21	1.17	1.15	1.13	1.24	1.17	1.10	1.10	1.12	1.20	1.14	1.21	1.20
11/14/2000	1.85	1.75	1.72	1.79	1.98	1.91	1.82	1.72	1.77	1.86	1.82	1.61	1.98	1.68
12/14/2000	3.07	3.21	2.96	2.92	3.14	3.03	3.19	3.26	3.03	3.08	2.98	2.97	3.12	3.00
1/17/2002	2.41	2.35	3.05	2.77	3.35	2.79	2.99	3.48	3.44	2.85	2.71	3.01	3.26	2.72
2/14/2002	1.32	1.26	1.28	1.32	1.40	1.43	1.56	1.31	1.30	1.39	1.38	1.38	1.49	1.43
3/28/2002	4.73	4.57	3.89	4.21	4.88	4.95	3.70	4.99	5.35	4.87	4.38	3.79	4.46	3.57
4/15/2002	8.34	8.43	6.52	4.94	10.47	8.02	6.05	5.03	6.54	8.87	5.58	5.46	5.41	5.24
5/30/2002	1.61	1.55	1.74	1.47	2.15	2.54	2.14	1.75	1.99	2.12	2.53	2.10	2.66	2.47
6/24/2002	1.58	1.69	1.32	1.55	1.84	1.90	1.69	1.68	1.51	1.75	1.76	1.76	1.94	1.96
7/11/2002	1.05	0.93	0.99	1.04	0.99	1.21	1.07	1.21	1.04	1.05	1.34	1.02	1.32	1.30
8/12/2002	1.97	2.11	2.44	2.32	2.54	2.78	2.18	2.49	2.00	2.48	2.96	2.68	2.99	3.18
9/24/2002	1.32	1.58	1.74	1.77	1.54	2.09	2.02	1.70	1.99	1.88	2.25	2.16	2.35	2.16
10/17/2002	2.86	2.93	2.90	2.72	2.97	3.02	2.56	2.96	2.84	2.81	2.83	3.06	2.92	2.84
11/14/2002	3.99	3.67		4.76	6.17	4.73	3.69	3.44	4.54	4.85	4.29	4.49	4.77	4.15
12/12/2002	2.41	2.28	2.49		2.46	2.04	2.38	2.12		1.59	1.93	2.38	2.13	2.03

The above numbers result from the average of all samples collected from the same monitoring station.

	HW20	HW40	HW41	HW42	HW43	HW44	HW50	HW51	HW52	HW53	HW54	HW62	HW63	HW64
Summer	1.30	1.51	1.50	1.48	1.43	1.48	1.37	1.59	1.50	1.40	1.41	1.45	1.53	1.60
	0.81	0.89	0.89	0.84	0.87	1.05	1.00	0.94	0.91	0.96	1.10	0.96	1.21	1.22
	1.49	1.60	1.84	1.79	2.13	2.79	1.84	1.83	2.18	2.43	3.19	2.32	2.54	2.83
	0.76	0.71	0.94	0.97	0.91	1.15	0.94	0.97	0.94	0.89	0.96	1.04	1.08	1.11
	1.09	1.21	1.13	1.20	1.21	1.24	1.18	1.10	1.14	1.04	1.20	1.32	1.16	1.24
	1.26	1.21	1.17	1.15	1.13	1.24	1.17	1.10	1.10	1.12	1.20	1.14	1.21	1.20
	1.61	1.55	1.74	1.47	2.15	2.54	2.14	1.75	1.99	2.12	2.53	2.10	2.66	2.47
	1.58	1.69	1.32	1.55	1.84	1.90	1.69	1.68	1.51	1.75	1.76	1.76	1.94	1.96
	1.05	0.93	0.99	1.04	0.99	1.21	1.07	1.21	1.04	1.05	1.34	1.02	1.32	1.30
	1.97	2.11	2.44	2.32	2.54	2.78	2.18	2.49	2.00	2.48	2.96	2.68	2.99	3.18
	1.32	1.58	1.74	1.77	1.54	2.09	2.02	1.70	1.99	1.88	2.25	2.16	2.35	2.16
	2.86	2.93	2.90	2.72	2.97	3.02	2.56	2.96	2.84	2.81	2.83	3.06	2.92	2.84

Summer is from May to October.

Summer Average 1.68
Max 3.19
Min 0.71

HW20 HW40 HW41 HW42 HW43 HW44 HW50 HW51 HW52 HW53 HW54 HW62 HW63 HW64

**Table F8A Terminal Island Treatment Plant
 Monthly Average Effluent Limits for Total Ammonia
 (CA0053856, CI-2171)**

Winter

3.24	3.19	3.24	3.29	3.23	3.30	3.19	3.28	3.06	3.22	3.11	3.07	3.16	2.95
2.20	2.31	2.09	2.43		2.34		2.36	2.58	2.39	3.11	2.40	2.42	2.51
3.19	3.25	3.08	2.66	2.66	3.25	2.83	3.13	2.83	2.98	3.48	2.75	2.79	2.48
1.51	1.75	1.56	1.60	1.73	2.19	1.62	1.62	1.76	1.70	2.16	1.89	2.09	2.33
1.85	1.75	1.72	1.79	1.98	1.91	1.82	1.72	1.77	1.86	1.82	1.61	1.98	1.68
3.07	3.21	2.96	2.92	3.14	3.03	3.19	3.26	3.03	3.08	2.98	2.97	3.12	3.00
2.41	2.35	3.05	2.77	3.35	2.79	2.99	3.48	3.44	2.85	2.71	3.01	3.26	2.72
1.32	1.26	1.28	1.32	1.40	1.43	1.56	1.31	1.30	1.39	1.38	1.38	1.49	1.43
4.73	4.57	3.89	4.21	4.88	4.95	3.70	4.99	5.35	4.87	4.38	3.79	4.46	3.57
8.34	8.43	6.52	4.94	10.47	8.02	6.05	5.03	6.54	8.87	5.58	5.46	5.41	5.24
3.99	3.67		4.76	6.17	4.73	3.69	3.44	4.54	4.85	4.29	4.49	4.77	4.15
2.41	2.28	2.49		2.46	2.04	2.38	2.12		1.59	1.93	2.38	2.13	2.03

Winter is from November to April.

Winter	Average	3.13
	Max	10.47
	Min	1.26

**Table F8B Terminal Island Treatment Plant
Daily Maximum Effluent Limits for Total Ammonia
(CA0053856, CI-2171)**

	HW20	HW40	HW41	HW42	HW43	HW44	HW50	HW51	HW52	HW53	HW54	HW62	HW63	HW64
1/10/2000	21.54	21.21	21.54	21.89	21.50	21.94	21.26	21.87	20.38	21.42	20.71	20.41	21.00	19.67
2/24/2000	14.64	15.41	13.88	16.21		15.58		15.73	17.14	15.94	20.71	15.97	16.08	16.70
3/2/2000	21.23	21.61	20.52	17.69	17.72	21.63	18.83	20.85	18.82	19.81	23.15	18.34	18.60	16.54
4/19/2000	10.08	11.63	10.41	10.64	11.50	14.59	10.81	10.81	11.72	11.30	14.35	12.60	13.93	15.52
5/24/2000	8.64	10.03	10.00	9.87	9.54	9.88	9.13	10.56	10.00	9.33	9.39	9.64	10.22	10.63
6/21/2000	5.36	5.94	5.91	5.61	5.76	7.01	6.66	6.25	6.07	6.41	7.32	6.37	8.06	8.15
7/19/2000	9.89	10.62	12.25	11.94	14.19	18.60	12.28	12.19	14.53	16.15	21.24	15.47	16.88	18.82
8/16/2000	5.06	4.74	6.27	6.45	6.03	7.68	6.28	6.49	6.25	5.92	6.38	6.95	7.22	7.40
9/14/2000	7.23	8.06	7.51	7.97	8.07	8.25	7.83	7.34	7.57	6.91	8.01	8.77	7.73	8.24
10/19/2000	8.40	8.06	7.80	7.63	7.54	8.25	7.82	7.32	7.29	7.48	7.98	7.62	8.07	7.96
11/14/2000	12.31	11.65	11.44	11.90	13.19	12.70	12.13	11.42	11.79	12.41	12.15	10.74	13.17	11.20
12/14/2000	20.42	21.35	19.72	19.43	20.89	20.15	21.24	21.72	20.18	20.53	19.83	19.75	20.75	19.95
1/17/2002	16.05	15.62	20.28	18.43	22.33	18.60	19.92	23.16	22.92	18.98	18.05	20.02	21.71	18.07
2/14/2002	8.76	8.38	8.52	8.79	9.33	9.54	10.38	8.73	8.67	9.28	9.20	9.18	9.94	9.52
3/28/2002	31.51	30.41	25.88	28.05	32.49	32.97	24.63	33.20	35.65	32.44	29.19	25.26	29.68	23.76
4/15/2002	55.50	56.10	43.43	32.92	69.69	53.36	40.30	33.47	43.52	59.05	37.16	36.37	36.01	34.86
5/30/2002	10.70	10.29	11.60	9.81	14.29	16.89	14.25	11.65	13.24	14.09	16.85	14.01	17.73	16.46
6/24/2002	10.53	11.27	8.78	10.35	12.25	12.63	11.26	11.22	10.06	11.62	11.73	11.72	12.94	13.04
7/11/2002	7.00	6.22	6.57	6.90	6.61	8.07	7.10	8.05	6.92	7.00	8.94	6.78	8.76	8.68
8/12/2002	13.11	14.02	16.27	15.44	16.92	18.48	14.50	16.59	13.33	16.49	19.68	17.83	19.92	21.14
9/24/2002	8.78	10.49	11.57	11.75	10.28	13.92	13.42	11.34	13.24	12.52	15.00	14.40	15.68	14.38
10/17/2002	19.04	19.51	19.32	18.08	19.75	20.13	17.04	19.68	18.88	18.69	18.86	20.39	19.42	18.91
11/14/2002	26.53	24.41		31.69	41.08	31.49	24.58	22.88	30.20	32.27	28.58	29.90	31.77	27.64
12/12/2002	16.07	15.15	16.61		16.37	13.56	15.86	14.12		10.56	12.85	15.82	14.20	13.53

The above numbers result from the average of all samples collected from the same monitoring station.

	HW20	HW40	HW41	HW42	HW43	HW44	HW50	HW51	HW52	HW53	HW54	HW62	HW63	HW64
Summer	8.64	10.03	10.00	9.87	9.54	9.88	9.13	10.56	10.00	9.33	9.39	9.64	10.22	10.63
	5.36	5.94	5.91	5.61	5.76	7.01	6.66	6.25	6.07	6.41	7.32	6.37	8.06	8.15
	9.89	10.62	12.25	11.94	14.19	18.60	12.28	12.19	14.53	16.15	21.24	15.47	16.88	18.82
	5.06	4.74	6.27	6.45	6.03	7.68	6.28	6.49	6.25	5.92	6.38	6.95	7.22	7.40
	7.23	8.06	7.51	7.97	8.07	8.25	7.83	7.34	7.57	6.91	8.01	8.77	7.73	8.24
	8.40	8.06	7.80	7.63	7.54	8.25	7.82	7.32	7.29	7.48	7.98	7.62	8.07	7.96
	10.70	10.29	11.60	9.81	14.29	16.89	14.25	11.65	13.24	14.09	16.85	14.01	17.73	16.46
	10.53	11.27	8.78	10.35	12.25	12.63	11.26	11.22	10.06	11.62	11.73	11.72	12.94	13.04
	7.00	6.22	6.57	6.90	6.61	8.07	7.10	8.05	6.92	7.00	8.94	6.78	8.76	8.68
	13.11	14.02	16.27	15.44	16.92	18.48	14.50	16.59	13.33	16.49	19.68	17.83	19.92	21.14
	8.78	10.49	11.57	11.75	10.28	13.92	13.42	11.34	13.24	12.52	15.00	14.40	15.68	14.38
	19.04	19.51	19.32	18.08	19.75	20.13	17.04	19.68	18.88	18.69	18.86	20.39	19.42	18.91
												Summer Average		11.15
												Max		21.24
												Min		4.74

Summer is from May to October.

HW20 HW40 HW41 HW42 HW43 HW44 HW50 HW51 HW52 HW53 HW54 HW62 HW63 HW64

**Table F8B Terminal Island Treatment Plant
Daily Maximum Effluent Limits for Total Ammonia
(CA0053856, CI-2171)**

Winter

21.54	21.21	21.54	21.89	21.50	21.94	21.26	21.87	20.38	21.42	20.71	20.41	21.00	19.67
14.64	15.41	13.88	16.21		15.58		15.73	17.14	15.94	20.71	15.97	16.08	16.70
21.23	21.61	20.52	17.69	17.72	21.63	18.83	20.85	18.82	19.81	23.15	18.34	18.60	16.54
10.08	11.63	10.41	10.64	11.50	14.59	10.81	10.81	11.72	11.30	14.35	12.60	13.93	15.52
12.31	11.65	11.44	11.90	13.19	12.70	12.13	11.42	11.79	12.41	12.15	10.74	13.17	11.20
20.42	21.35	19.72	19.43	20.89	20.15	21.24	21.72	20.18	20.53	19.83	19.75	20.75	19.95
16.05	15.62	20.28	18.43	22.33	18.60	19.92	23.16	22.92	18.98	18.05	20.02	21.71	18.07
8.76	8.38	8.52	8.79	9.33	9.54	10.38	8.73	8.67	9.28	9.20	9.18	9.94	9.52
31.51	30.41	25.88	28.05	32.49	32.97	24.63	33.20	35.65	32.44	29.19	25.26	29.68	23.76
55.50	56.10	43.43	32.92	69.69	53.36	40.30	33.47	43.52	59.05	37.16	36.37	36.01	34.86
26.53	24.41		31.69	41.08	31.49	24.58	22.88	30.20	32.27	28.58	29.90	31.77	27.64
16.07	15.15	16.61		16.37	13.56	15.86	14.12		10.56	12.85	15.82	14.20	13.53

Winter is from November to April.

Winter	Average	20.84
	Max	69.69
	Min	8.38

**Table F9 Terminal Island Treatment Plant
Total Ammonia Effluent Data
(CA0053856, CI-2171)**

Date	Value	Detect	PRA_Values	4-Day Average
07/01/1997	0.3	Yes	0.3	
07/07/1997	0.9	Yes	0.9	
07/14/1997	<0.1	No	0.05	
07/21/1997	<0.1	No	0.05	0.325
07/28/1997	0.7	Yes	0.7	
08/05/1997	2.5	Yes	2.5	
08/12/1997	4.6	Yes	4.6	
08/19/1997	2.3	Yes	2.3	2.525
08/26/1997	5.8	Yes	5.8	
09/02/1997	7.9	Yes	7.9	
09/03/1997	10.3	Yes	10.3	
09/10/1997	1.9	Yes	1.9	6.475
09/17/1997	14.0	Yes	14.0	
09/23/1997	15.4	Yes	15.4	
09/24/1997	19.8	Yes	19.8	
10/02/1997	2.5	Yes	2.5	12.925
10/09/1997	0.7	Yes	0.7	
10/16/1997	0.5	Yes	0.5	
10/20/1997	6.2	Yes	6.2	
10/23/1997	1.7	Yes	1.7	2.275
10/30/1997	0.6	Yes	0.6	
11/07/1997	<0.1	No	0.05	
11/14/1997	1.8	Yes	1.8	
11/18/1997	0.2	Yes	0.2	0.6625
11/21/1997	0.1	Yes	0.1	
11/25/1997	0.1	Yes	0.1	
11/28/1997	<0.1	No	0.05	
12/02/1997	0.3	Yes	0.3	0.1375
12/06/1997	0.5	Yes	0.5	
12/09/1997	4.0	Yes	4.0	
12/13/1997	<0.1	No	0.05	
12/20/1997	<0.1	No	0.05	1.15
12/27/1997	0.8	Yes	0.8	
01/04/1998	0.1	Yes	0.1	
01/06/1998	0.3	Yes	0.3	
01/11/1998	<0.1	No	0.05	0.3125
01/13/1998	6.7	Yes	6.7	
01/18/1998	<0.1	No	0.05	
01/20/1998	0.1	Yes	0.1	
01/25/1998	0.3	Yes	0.3	1.7875
01/27/1998	0.4	Yes	0.4	
02/02/1998	0.1	Yes	0.1	
02/08/1998	0.2	Yes	0.2	
02/09/1998	0.4	Yes	0.4	0.275
02/16/1998	0.3	Yes	0.3	
02/18/1998	0.6	Yes	0.6	
02/23/1998	0.3	Yes	0.3	
03/03/1998	<0.1	No	0.05	0.3125
03/10/1998	0.1	Yes	0.1	
03/17/1998	0.2	Yes	0.2	
03/24/1998	<0.1	No	0.05	
03/31/1998	<0.1	No	0.05	0.1
04/01/1998	0.1	Yes	0.1	
04/08/1998	0.4	Yes	0.4	
04/15/1998	0.5	Yes	0.5	
04/21/1998	0.4	Yes	0.4	0.35
04/22/1998	0.1	Yes	0.1	
04/29/1998	4.3	Yes	4.3	
05/07/1998	11.1	Yes	11.1	
05/14/1998	7.9	Yes	7.9	5.85
05/19/1998	0.8	Yes	0.8	
05/21/1998	0.3	Yes	0.3	
05/28/1998	2.1	Yes	2.1	
06/02/1998	2.1	Yes	2.1	1.325
06/05/1998	2.7	Yes	2.7	
06/12/1998	0.6	Yes	0.6	
06/13/1998	NS			
06/14/1998	0.7	Yes	0.7	
06/16/1998	7.1	Yes	7.1	2.775
06/19/1998	9.8	Yes	9.8	
06/23/1998	6.3	Yes	6.3	
06/26/1998	2.6	Yes	2.6	
06/27/1998	8.3	Yes	8.3	6.75
07/04/1998	2.4	Yes	2.4	
07/11/1998	14.9	Yes	14.9	
07/18/1998	7.4	Yes	7.4	
07/25/1998	3.2	Yes	3.2	6.975

**Table F9 Terminal Island Treatment Plant
Total Ammonia Effluent Data
(CA0053856, CI-2171)**

Date	Value	Detect	PRA_Values	4-Day Average
07/28/1998	3.1	Yes	3.1	
08/02/1998	2.8	Yes	2.8	
08/04/1998	5.9	Yes	5.9	
08/11/1998	7.4	Yes	7.4	4.8
08/16/1998	6.0	Yes	6.0	
08/23/1998	2.6	Yes	2.6	
08/30/1998	3.8	Yes	3.8	
09/07/1998	5.9	Yes	5.9	4.575
09/08/1998	3.0	Yes	3.0	
09/14/1998	3.7	Yes	3.7	
09/21/1998	10.1	Yes	10.1	
09/22/1998	13.6	Yes	13.6	7.6
09/28/1998	7.6	Yes	7.6	
10/06/1998	12.9	Yes	12.9	
10/08/1998	13.9	Yes	13.9	
10/10/1998	9.4	Yes	9.4	10.95
10/12/1998	6.5	Yes	6.5	
10/13/1998	9.5	Yes	9.5	
10/20/1998	10.6	Yes	10.6	
10/23/1998	8.3	Yes	8.3	8.725
10/25/1998	8.4	Yes	8.4	
10/27/1998	16.3	Yes	16.3	
11/04/1998	14.9	Yes	14.9	
11/11/1998	6.4	Yes	6.4	11.5
11/18/1998	9.0	Yes	9.0	
11/19/1998	12.7	Yes	12.7	
11/21/1998	11.0	Yes	11.0	
11/23/1998	8.5	Yes	8.5	10.3
11/25/1998	15.0	Yes	15.0	
12/01/1998	14.3	Yes	14.3	
12/03/1998	12.3	Yes	12.3	
12/05/1998	13.3	Yes	13.3	13.725
12/06/1998	12.7	Yes	12.7	
12/07/1998	13.0	Yes	13.0	
12/10/1998	19.9	Yes	19.9	
12/15/1998	9.9	Yes	9.9	13.875
12/17/1998	13.0	Yes	13.0	
12/19/1998	12.6	Yes	12.6	
12/21/1998	8.4	Yes	8.4	
12/22/1998	10.8	Yes	10.8	11.2
12/24/1998	13.1	Yes	13.1	
12/29/1998	NS			
12/31/1998	20.8	Yes	20.8	
01/05/1999	17.5	Yes	17.5	
01/07/1999	15.6	Yes	15.6	16.75
01/08/1999	9.6	Yes	9.6	
01/09/1999	8.0	Yes	8.0	
01/11/1999	4.4	Yes	4.4	
01/12/1999	6.3	Yes	6.3	7.075
01/15/1999	4.8	Yes	4.8	
01/19/1999	10.0	Yes	10.0	
01/20/1999	NS			
01/22/1999	11.3	Yes	11.3	
01/26/1999	22.1	Yes	22.1	12.05
02/02/1999	22.4	Yes	22.4	
02/03/1999	NS			
02/06/1999	31.2	Yes	31.2	
02/08/1999	19.0	Yes	19.0	
02/10/1999	NS			
02/13/1999	14.5	Yes	14.5	16.175
02/16/1999	6.0	Yes	6.0	
02/17/1999	5.4	Yes	5.4	
02/20/1999	7.1	Yes	7.1	
02/21/1999	6.0	Yes	6.0	6.125
02/23/1999	7.7	Yes	7.7	
02/24/1999	7.4	Yes	7.4	
02/27/1999	5.1	Yes	5.1	
02/28/1999	7.7	Yes	7.7	6.975
03/01/1999	9.8	Yes	9.8	
03/02/1999	13.8	Yes	13.8	
03/07/1999	11.0	Yes	11.0	
03/09/1999	14.3	Yes	14.3	12.225
03/14/1999	5.8	Yes	5.8	
03/16/1999	8.2	Yes	8.2	
03/17/1999	NS			
03/21/1999	0.2	Yes	0.2	
03/23/1999	0.2	Yes	0.2	3.6

**Table F9 Terminal Island Treatment Plant
Total Ammonia Effluent Data
(CA0053856, CI-2171)**

Date	Value	Detect	PRA_Values	4-Day Average
03/24/1999	0.5	Yes	0.5	
03/26/1999	<0.1	No	0.05	
03/28/1999	<0.1	No	0.05	
03/30/1999	0.2	Yes	0.2	0.2
04/05/1999	0.2	Yes	0.2	
04/06/1999	0.2	Yes	0.2	
04/11/1999	0.1	Yes	0.1	
04/12/1999	0.2	Yes	0.2	0.175
04/13/1999	0.5	Yes	0.5	
04/17/1999	0.2	Yes	0.2	
04/19/1999	0.4	Yes	0.4	
04/20/1999	<0.1	No	0.05	0.2875
04/26/1999	<0.1	No	0.05	
04/27/1999	<0.1	No	0.05	
05/04/1999	0.7	Yes	0.7	
05/11/1999	1.0	Yes	1.0	0.45
05/18/1999	1.3	Yes	1.3	
05/25/1999	0.3	Yes	0.3	
05/26/1999	NS			
05/27/1999	0.5	Yes	0.5	
05/29/1999	0.3	Yes	0.3	0.6
05/31/1999	0.6	Yes	0.6	
06/01/1999	1.0	Yes	1.0	
06/02/1999	1.9	Yes	1.9	
06/08/1999	0.4	Yes	0.4	0.975
06/09/1999	0.6	Yes	0.6	
06/15/1999	0.2	Yes	0.2	
06/16/1999	0.3	Yes	0.3	
06/17/1999	0.2	Yes	0.2	0.325
06/19/1999	0.3	Yes	0.3	
06/21/1999	0.2	Yes	0.2	
06/22/1999	<0.1	No	0.05	
06/23/1999	0.3	Yes	0.3	0.2125
06/29/1999	0.3	Yes	0.3	
06/30/1999	<0.1	No	0.05	
07/06/1999	0.4	Yes	0.4	
07/08/1999	0.2	Yes	0.2	0.2375
07/13/1999	2.2	Yes	2.2	
07/20/1999	0.2	Yes	0.2	
07/22/1999	<0.1	No	0.05	
07/24/1999	<0.1	No	0.05	0.625
07/26/1999	0.2	Yes	0.2	
08/03/1999	0.6	Yes	0.6	
08/05/1999	0.3	Yes	0.3	
08/10/1999	0.5	Yes	0.5	0.4
08/13/1999	0.6	Yes	0.6	
08/17/1999	3.1	Yes	3.1	
08/18/1999	NS			
08/20/1999	1.5	Yes	1.5	
08/21/1999	1.0	Yes	1.0	1.55
08/24/1999	0.7	Yes	0.7	
08/25/1999	NS			
08/27/1999	4.6	Yes	4.6	
08/31/1999	NS	Yes		
09/07/1999	0.2	Yes	0.2	
09/11/1999	0.2	Yes	0.2	1.425
09/14/1999	<0.1	No	0.05	
09/18/1999	0.3	Yes	0.3	
09/25/1999	<0.1	No	0.05	
09/28/1999	0.6	Yes	0.6	0.25
10/03/1999	0.5	Yes	0.5	
10/05/1999	2.8	Yes	2.8	
10/10/1999	<0.1	No	0.05	
10/12/1999	0.4	Yes	0.4	0.9375
10/17/1999	0.3	Yes	0.3	
10/18/1999	0.5	Yes	0.5	
10/19/1999	2.3	Yes	2.3	
10/24/1999	0.1	Yes	0.1	0.8
10/26/1999	0.6	Yes	0.6	
10/31/1999	<0.1	No	0.05	
11/01/1999	0.1	Yes	0.1	
11/08/1999	0.3	Yes	0.3	0.2625
11/15/1999	1.3	Yes	1.3	
11/21/1999	0.4	Yes	0.4	
11/22/1999	0.5	Yes	0.5	
11/29/1999	0.6	Yes	0.6	0.7
12/07/1999	0.4	Yes	0.4	

**Table F9 Terminal Island Treatment Plant
Total Ammonia Effluent Data
(CA0053856, CI-2171)**

Date	Value	Detect	PRA_Values	4-Day Average
12/14/1999	1.7	Yes	1.7	
12/21/1999	0.5	Yes	0.5	
12/28/1999	6.9	Yes	6.9	2.375
01/05/2000	16.9	Yes	16.9	
01/10/2000	9.3	Yes	9.3	
01/11/2000	11.2	Yes	11.2	
01/12/2000	8.8	Yes	8.8	11.55
01/19/2000	4.0	Yes	4.0	
01/25/2000	4.3	Yes	4.3	
01/26/2000	4.1	Yes	4.1	
02/03/2000	2.6	Yes	2.6	3.76
02/10/2000	0.2	Yes	0.2	
02/17/2000	0.4	Yes	0.4	
02/24/2000	0.8	Yes	0.8	
03/01/2000	0.4	Yes	0.4	0.45
03/03/2000	3.6	Yes	3.6	
03/10/2000	1.0	Yes	1.0	
03/17/2000	6.3	Yes	6.3	
03/21/2000	0.2	Yes	0.2	2.775
03/28/2000	1.0	Yes	1.0	
03/31/2000	0.5	Yes	0.5	
04/08/2000	0.3	Yes	0.3	
04/18/2000	0.4	Yes	0.4	0.55
04/22/2000	0.3	Yes	0.3	
04/29/2000	0.2	Yes	0.2	
05/07/2000	1.3	Yes	1.3	
05/09/2000	2.4	Yes	2.4	1.05
05/11/2000	0.8	Yes	0.8	
05/15/2000	1.8	Yes	1.8	
05/21/2000	0.4	Yes	0.4	
05/27/2000	0.6	Yes	0.6	0.9
05/28/2000	0.2	Yes	0.2	
06/05/2000	0.6	Yes	0.6	
06/12/2000	1.9	Yes	1.9	
06/21/2000	6.3	Yes	6.3	2.25
06/25/2000	0.3	Yes	0.3	
06/26/2000	0.2	Yes	0.2	
07/04/2000	0.5	Yes	0.5	
07/11/2000	0.7	Yes	0.7	0.425
07/18/2000	0.4	Yes	0.4	
07/24/2000	0.3	Yes	0.3	
07/25/2000	2.3	Yes	2.3	
07/26/2000	1.1	Yes	1.1	1.025
08/02/2000	3.3	Yes	3.3	
08/08/2000	1.6	Yes	1.6	
08/09/2000	0.3	Yes	0.3	
08/10/2000	1.1	Yes	1.1	1.575
08/16/2000	<0.1	No	0.05	
08/21/2000	0.2	Yes	0.2	
08/23/2000	0.3	Yes	0.3	
08/30/2000	<0.1	No	0.05	0.15
09/07/2000	0.4	Yes	0.4	
09/12/2000	0.5	Yes	0.5	
09/14/2000	0.2	Yes	0.2	
09/18/2000	0.2	Yes	0.2	0.325
09/21/2000	0.5	Yes	0.5	
09/28/2000	0.5	Yes	0.5	
10/06/2000	0.8	Yes	0.8	
10/13/2000	<0.01	No	0.005	0.45125
10/20/2000	0.7	Yes	0.7	
10/23/2000	0.6	Yes	0.6	
10/24/2000	0.4	Yes	0.4	
10/27/2000	0.6	Yes	0.6	0.575
11/04/2000	0.1	Yes	0.1	
11/13/2000	0.3	Yes	0.3	
11/18/2000	1.0	Yes	1.0	
11/25/2000	0.1	Yes	0.1	0.3675
11/27/2000	0.7	Yes	0.7	
11/28/2000	0.6	Yes	0.6	
12/03/2000	0.2	Yes	0.2	
12/10/2000	0.7	Yes	0.7	0.55
12/17/2000	0.1	Yes	0.1	
12/18/2000	1.0	Yes	1.0	
12/24/2000	<0.1	No	0.05	
12/26/2000	0.4	Yes	0.4	0.385
12/31/2000	<0.1	No	0.05	
01/08/2001	0.3	Yes	0.3	

**Table F9 Terminal Island Treatment Plant
Total Ammonia Effluent Data
(CA0053856, CI-2171)**

Date	Value	Detect	PRA_Values	4-Day Average
01/15/2001	0.3	Yes	0.3	
01/22/2001	<0.1	No	0.05	0.175
01/23/2001	<0.1	No	0.05	
01/29/2001	0.7	Yes	0.7	
01/30/2001	<0.1	No	0.05	
02/03/2001	<0.1	No	0.05	0.2125
02/09/2001	<0.1	No	0.05	
02/14/2001	0.6	Yes	0.6	
02/19/2001	1.2	Yes	1.2	
02/25/2001	1.5	Yes	1.5	0.8375
02/26/2001	4.5	Yes	4.5	
02/27/2001	9.2	Yes	9.2	
03/05/2001	3.7	Yes	3.7	
03/06/2001	4.8	Yes	4.8	5.5575
03/13/2001	0.6	Yes	0.6	
03/19/2001	0.4	Yes	0.4	
03/24/2001	0.5	Yes	0.5	
03/27/2001	1.4	Yes	1.4	0.725
04/09/2001	<0.1	No	0.05	
04/13/2001	0.3	Yes	0.3	
04/17/2001	0.2	Yes	0.2	
04/24/2001	<0.1	No	0.05	0.15
05/03/2001	0.3	Yes	0.3	
05/12/2001	0.3	Yes	0.3	
05/15/2001	0.2	Yes	0.2	
05/22/2001	<0.1	No	0.05	0.2125
05/23/2001	0.1	Yes	0.1	
05/28/2001	0.6	Yes	0.6	
06/03/2001	0.8	Yes	0.8	
06/10/2001	3.3	Yes	3.3	1.1975
06/11/2001	2.3	Yes	2.3	
06/21/2001	0.8	Yes	0.8	
06/25/2001	0.4	Yes	0.4	
07/06/2001	0.1	Yes	0.1	0.9
07/09/2001	0.4	Yes	0.4	
07/11/2001	0.7	Yes	0.7	
07/15/2001	0.1	Yes	0.1	
07/16/2001	<0.1	No	0.05	0.31
07/31/2001	0.5	Yes	0.5	
08/06/2001	0.2	Yes	0.2	
08/09/2001	0.2	Yes	0.2	
08/14/2001	0.4	Yes	0.4	0.325
08/18/2001	<0.1	No	0.05	
08/23/2001	0.5	Yes	0.5	
08/24/2001	0.1	Yes	0.1	
08/29/2001	<0.1	No	0.05	0.175
09/03/2001	<0.1	No	0.05	
09/09/2001	0.1	Yes	0.1	
09/10/2001	<0.1	No	0.05	
09/18/2001	0.2	Yes	0.2	0.1
09/25/2001	<0.1	No	0.05	
10/06/2001	<0.1	No	0.05	
10/09/2001	0.3	Yes	0.3	
10/12/2001	0.4	Yes	0.4	0.2
10/17/2001	<0.1	No	0.05	
10/22/2001	<0.1	No	0.05	
10/28/2001	<0.1	No	0.05	
11/01/2001	0.1	Yes	0.1	0.06
11/05/2001	0.1	Yes	0.1	
11/06/2001	<0.1	No	0.05	
11/15/2001	<0.1	No	0.05	
11/19/2001	<0.1	No	0.05	0.06
11/24/2001	0.2	Yes	0.2	
11/29/2001	<0.1	No	0.05	
11/30/2001	<0.1	No	0.05	
12/03/2001	<0.1	No	0.05	0.085
12/04/2001	0.4	Yes	0.4	
12/05/2001	<0.1	No	0.05	
12/10/2001	<0.1	No	0.05	
12/16/2001	0.5	Yes	0.5	0.25
12/25/2001	0.4	Yes	0.4	
12/31/2001	2.0	Yes	2.0	
01/03/2002	0.7	Yes	0.7	
01/08/2002	0.5	Yes	0.5	0.9
01/12/2002	1.3	Yes	1.3	
01/18/2002	0.5	Yes	0.5	
01/23/2002	0.1	Yes	0.1	

**Table F9 Terminal Island Treatment Plant
Total Ammonia Effluent Data
(CA0053856, CI-2171)**

Date	Value	Detect	PRA_Values	4-Day Average
01/28/2002	0.2	Yes	0.2	0.5225
02/03/2002	0.2	Yes	0.2	
02/12/2002	0.2	Yes	0.2	
02/21/2002	<0.1	No	0.05	
02/26/2002	0.1	Yes	0.1	0.135
03/03/2002	<0.1	No	0.05	
03/13/2002	<0.1	No	0.05	
03/18/2002	0.2	Yes	0.2	
03/19/2002	0.2	Yes	0.2	0.1225
03/21/2002	<0.1	No	0.05	
03/23/2002	0.2	Yes	0.2	
03/24/2002	0.3	Yes	0.3	
03/25/2002	0.2	Yes	0.2	0.185
04/02/2002	0.1	Yes	0.1	
04/03/2002	0.2	Yes	0.2	
04/13/2002	0.1	Yes	0.1	
04/16/2002	0.4	Yes	0.4	0.195
04/18/2002	1.6	Yes	1.6	
04/20/2002	0.1	Yes	0.1	
04/22/2002	<0.1	No	0.05	
04/26/2002	0.3	Yes	0.3	0.51
05/01/2002	<0.1	No	0.05	
05/06/2002	0.4	Yes	0.4	
05/12/2002	0.3	Yes	0.3	
05/21/2002	<0.1	No	0.05	0.2
05/27/2002	0.2	Yes	0.2	
05/30/2002	0.3	Yes	0.3	
06/08/2002	0.2	Yes	0.2	
06/14/2002	0.2	Yes	0.2	0.2225
06/19/2002	0.2	Yes	0.2	
06/24/2002	0.4	Yes	0.4	
06/25/2002	0.4	Yes	0.4	
06/30/2002	0.2	Yes	0.2	0.3
07/01/2002	0.1	Yes	0.1	
07/09/2002	<0.1	No	0.05	
07/18/2002	0.1	Yes	0.1	
07/24/2002	0.1	Yes	0.1	0.085
07/27/2002	0.3	Yes	0.3	
08/02/2002	0.1	Yes	0.1	
08/07/2002	0.1	Yes	0.1	
08/12/2002	0.6	Yes	0.6	0.27
08/18/2002	0.4	Yes	0.4	
08/27/2002	0.7	Yes	0.7	
08/28/2002	0.3	Yes	0.3	
09/03/2002	0.2	Yes	0.2	0.3675
09/05/2002	0.7	Yes	0.7	
09/14/2002	0.2	Yes	0.2	
09/15/2002	0.2	Yes	0.2	
09/16/2002	0.2	Yes	0.2	0.3175
09/20/2002	0.3	Yes	0.3	
09/25/2002	0.1	Yes	0.1	
10/01/2002	0.6	Yes	0.6	
10/06/2002	0.3	Yes	0.3	0.3075
10/14/2002	NS			
10/15/2002	0.2	Yes	0.2	
10/24/2002	<0.1	No	0.05	
11/05/2002	0.2	Yes	0.2	
11/08/2002	0.4	Yes	0.4	0.2075
11/12/2002	0.3	Yes	0.3	
11/14/2002	0.3	Yes	0.3	
11/18/2002	0.3	Yes	0.3	
11/24/2002	0.6	Yes	0.6	0.37
11/26/2002	0.4	Yes	0.4	
12/01/2002	0.4	Yes	0.4	
12/03/2002	0.6	Yes	0.6	
12/12/2002	0.7	Yes	0.7	0.51
12/17/2002	1.3	Yes	1.3	
12/21/2002	1.3	Yes	1.3	
12/27/2002	0.6	Yes	0.6	
01/02/2003	3.2	Yes	3.2	1.59
01/06/2003	0.9	Yes	0.9	
01/12/2003	2.3	Yes	2.3	
01/21/2003	2.1	Yes	2.1	
02/01/2003	0.7	Yes	0.7	1.5
02/04/2003	0.6	Yes	0.6	
02/08/2003	0.5	Yes	0.5	
02/17/2003	1.6	Yes	1.6	

**Table F9 Terminal Island Treatment Plant
Total Ammonia Effluent Data
(CA0053856, CI-2171)**

Date	Value	Detect	PRA_Values	4-Day Average
02/18/2003	1.8	Yes	1.8	1.1025
02/19/2003	1.2	Yes	1.2	
02/24/2003	1.9	Yes	1.9	
03/03/2003	2.7	Yes	2.7	
03/10/2003	0.7	Yes	0.7	1.635
03/11/2003	1.6	Yes	1.6	
03/20/2003	0.9	Yes	0.9	
03/29/2003	0.6	Yes	0.6	
04/01/2003	0.3	Yes	0.3	0.845
04/02/2003	0.5	Yes	0.5	
04/07/2003	0.6	Yes	0.6	
04/09/2003	0.8	Yes	0.8	
04/14/2003	0.5	Yes	0.5	0.6
04/20/2003	0.4	Yes	0.4	
04/22/2003	0.8	Yes	0.8	
04/29/2003	0.6	Yes	0.6	
05/01/2003	0.2	Yes	0.2	0.4975
05/05/2003	0.6	Yes	0.6	
05/06/2003	0.4	Yes	0.4	
05/07/2003	0.3	Yes	0.3	
05/08/2003	0.2	Yes	0.2	0.3675
05/09/2003	0.2	Yes	0.2	
05/11/2003	0.4	Yes	0.4	
05/13/2003	0.5	Yes	0.5	
05/17/2003	0.5	Yes	0.5	0.3825
05/20/2003	0.2	Yes	0.2	
05/23/2003	0.6	Yes	0.6	
05/28/2003	0.4	Yes	0.4	
06/01/2003	0.5	Yes	0.5	0.4225
06/08/2003	<0.1	No	0.05	
06/09/2003	0.2	Yes	0.2	
06/11/2003	0.1	Yes	0.1	
06/13/2003	0.3	Yes	0.3	0.1575
06/15/2003	0.6	Yes	0.6	
06/17/2003	<0.1	No	0.05	
06/24/2003	0.2	Yes	0.2	
06/26/2003	<0.1	No	0.05	0.2225
07/01/2003	0.6	Yes	0.6	
07/05/2003	0.8	Yes	0.8	
07/11/2003	<0.1	No	0.05	
07/16/2003	0.7	Yes	0.7	0.5375
07/21/2003	<0.1	No	0.05	
07/22/2003	0.2	Yes	0.2	
07/27/2003	0.8	Yes	0.8	
08/01/2003	0.4	Yes	0.4	0.36
08/05/2003	0.2	Yes	0.2	
08/12/2003	0.2	Yes	0.2	
08/14/2003	0.2	Yes	0.2	
08/18/2003	0.6	Yes	0.6	0.295
08/19/2003	0.1	Yes	0.1	
08/23/2003	0.1	Yes	0.1	
08/29/2003	0.4	Yes	0.4	
09/01/2003	0.1	Yes	0.1	0.1675
09/08/2003	0.1	Yes	0.1	
09/14/2003	0.1	Yes	0.1	
09/15/2003	0.2	Yes	0.2	
09/23/2003	0.5	Yes	0.5	0.22
09/29/2003	0.2	Yes	0.2	
10/01/2003	0.5	Yes	0.5	
10/06/2003	<0.1	No	0.05	
10/11/2003	0.4	Yes	0.4	0.285
10/17/2003	<0.1	No	0.05	
10/20/2003	1.3	Yes	1.3	
10/22/2003	1.3	Yes	1.3	
10/27/2003	0.1	Yes	0.1	0.6775
11/01/2003	0.1	Yes	0.1	
11/03/2003	0.3	Yes	0.3	
11/11/2003	0.2	Yes	0.2	
11/18/2003	<0.1	No	0.05	0.165
11/19/2003	0.5	Yes	0.5	
11/20/2003	<0.1	No	0.05	
11/24/2003	0.1	Yes	0.1	
12/01/2003	0.5	Yes	0.5	0.285
12/02/2003	0.1	Yes	0.1	
12/03/2003	0.3	Yes	0.3	
12/10/2003	0.6	Yes	0.6	
12/15/2003	0.6	Yes	0.6	0.4

**Table F9 Terminal Island Treatment Plant
Total Ammonia Effluent Data
(CA0053856, CI-2171)**

Date	Value	Detect	PRA_Values	4-Day Average
12/21/2003	<0.1	No	0.05	
01/01/2004	0.2	Yes	0.2	
01/05/2004	0.2	Yes	0.2	
01/17/2004	0.2	Yes	0.2	0.1625
01/23/2004	0.1	Yes	0.1	
01/28/2004	0.1	Yes	0.1	
02/01/2004	0.4	Yes	0.4	
02/08/2004	0.2	Yes	0.2	0.2
02/10/2004	0.4	Yes	0.4	
02/17/2004	<0.1	No	0.05	
02/18/2004	0.6	Yes	0.6	
02/22/2004	0.2	Yes	0.2	0.3125
03/02/2004	0.2	Yes	0.2	
03/10/2004	<0.1	No	0.05	
03/17/2004	0.1	Yes	0.1	
03/22/2004	<0.1	No	0.05	0.1
04/02/2004	0.2	Yes	0.2	
04/06/2004	<0.1	No	0.05	
04/07/2004	<0.1	No	0.05	
04/12/2004	0.1	Yes	0.1	0.1
04/15/2004	<0.1	No	0.05	
04/18/2004	<0.1	No	0.05	
04/24/2004	<0.1	No	0.05	
05/01/2004	<0.1	No	0.05	0.05
05/05/2004	<0.1	No	0.05	
05/10/2004	<0.1	No	0.05	
05/12/2004	0.4	Yes	0.4	
05/16/2004	<0.1	No	0.05	0.1375
05/18/2004	0.6	Yes	0.6	
05/19/2004	<0.1	No	0.05	
05/25/2004	0.3	Yes	0.3	
06/03/2004	0.4	Yes	0.4	0.3375
06/12/2004	0.4	Yes	0.4	
06/18/2004	<0.1	No	0.05	
06/23/2004	0.4	Yes	0.4	
06/28/2004	0.5	Yes	0.5	0.3375
		Average	2.20	2.16
		Maximum	31.20	16.75
		Minimum	0.01	0.05
		# of Data Points	564	141
		Standard Deviation	4.22	3.73
		CV	0.5223	0.5798

**Table F10 Terminal Island Treatment Plant
 MBAS Effluent Data
 (CA0053856, CI-2171)**

Date	Detected	RPA-Value (mg/L)
07/23/1997	Yes	0.368
09/10/1997	Yes	0.250
10/14/1997	Yes	0.165
11/01/1997	Yes	0.200
12/08/1997	Yes	0.240
01/08/1998	Yes	0.128
02/18/1998	Yes	0.190
03/13/1998	Yes	0.252
04/09/1998	Yes	0.140
05/17/1998	Yes	0.157
06/18/1998	Yes	0.290
07/30/1998	Yes	0.186
08/13/1998	Yes	0.110
09/24/1998	Yes	0.290
10/22/1998	Yes	0.250
12/27/1998	Yes	0.320
02/24/1999	Yes	0.184
03/15/1999	Yes	0.290
04/01/1999	Yes	0.270
05/06/1999	Yes	0.200
04/25/2000	Yes	0.156
07/25/2000	Yes	0.170
12/28/2000	Yes	0.134
03/20/2001	Yes	0.090
01/24/2002	Yes	0.150
05/28/2002	Yes	0.202
09/12/2002	Yes	0.150
01/30/2003	Yes	0.203
03/19/2003	Yes	0.222
04/07/2003	Yes	0.176
05/12/2003	Yes	0.201
07/21/2003	Yes	0.289
09/15/2003	Yes	0.220
10/28/2003	Yes	0.239
11/20/2003	Yes	0.138
12/15/2003	Yes	0.183
02/09/2004	Yes	0.155
03/08/2004	Yes	0.230
05/10/2004	Yes	0.210
06/14/2004	Yes	0.210
Average		0.205
Maxi		0.368
Mini		0.090
# of Data		40
SD		0.059795986
CV		3.431668446

**Table F11 Terminal Island Treatment Plant
Priority Pollutants Effluent Monitoring Data for July 1997 through June 2004
(CA0053856, CI-2171)**

PTP	Test Code	Test Description	No. Samples	No. Detected	no. DNQ	Data Range		Maximum Detected	CTR Criteria	number of exceed			
						Minimum	Maximum			detected	DNQ		
1	725	ANTIMONY	46	7	3		0.4	<	10	1.8	4300	0	0
2	705	ARSENIC	103	94	22		0.4	<	9.05	9.05	36	0	0
3	726	BERYLLIUM	45	2	0	<	0.006	<	1	0.73		NA	NA
4	708	CADMIUM	49	3	3	<	0.08	<	3	0.39	9.36	0	0
5	709	TOTAL CHROMIUM	18	1	1	<	0.7		1.4	1.4		NA	NA
5	710	HEXAVALENT CHROMIUM	42	6	4	<	1		13	13	50.35	0	0
6	712	COPPER	390	93	72	<	1.5		74	74	3.73	71	50
7	714	LEAD	54	14	10	<	0.51		8.6	8.6	8.52	1	0
8	717	MERCURY	381	84	70	<	0.02	<	1	0.3	0.051	55	48
9	718	NICKEL	49	21	8	<	2		22.5	22.5	8.28	2	0
10	720	SELENIUM	137	136	10	<	1		25.5	25.5	71.14	0	0
11	722	SILVER	382	94	52	<	0.02		3.8	3.8	2.24	4	1
12	734	THALLIUM	45	5	4	<	0.05	<	5	4.3	6.3	0	0
13	724	ZINC	383	309	90	<	3		74.4	74.4	85.6	0	0
14	206	TOTAL CYANIDE	104	25	17	<	2		11	11	1	25	17
16	844	2,3,7,8-TCDD	20	0	0	<	0.00033	<	6.8		1.4E-08	0	0
17	654	ACROLEIN	48	0	0	<	0.8	<	5.08		780	0	0
18	655	ACRYLONITRILE	48	0	0	<	0.2	<	2.84		0.66	0	0
19	620	BENZENE	48	0	0	<	0.064	<	0.3		71	0	0
20	610	BROMOFORM	48	0	0	<	0.06	<	0.3		360	0	0
21	604	CARBON TETRACHLORIDE	48	0	0	<	0.079	<	0.38		4.4	0	0
22	611	CHLOROETHYLENE	48	0	0	<	0.05	<	0.2		21000	0	0
23	609	DIBROMOCHLOROMETHANE	48	17	14	<	0.04		0.58	0.58	34	0	0
24	647	CHLOROETHANE	48	0	0	<	0.05	<	0.348			NA	NA
25	648	2-CHLOROETHYL VINYLETHYL ETHER	48	0	0	<	0.5	<	2			NA	NA
26	602	CHLOROFORM	48	37	23	<	0.08		1.06	1.06		NA	NA
27	608	BROMODICHLOROMETHANE	48	12	9	<	0.06		0.49	0.49	46	0	0
28	616	1,1-DICHLOROETHANE	48	0	0	<	0.07	<	0.2			NA	NA
29	619	1,2-DICHLOROETHANE	48	0	0	<	0.05	<	0.3		99	0	0
30	605	1,1-DICHLOROETHYLENE	48	0	0	<	0.05	<	0.3		3.2	0	0
31	650	1,2-DICHLOROPROPANE	48	0	0	<	0.1	<	0.2		39	0	0
32	652	TRANS-1,3-DICHLOROPROPEN	48	0	0	<	0.06	<	0.2		1700	0	0
33	624	ETHYL BENZENE	48	1	0	<	0.036	<	0.3	0.25	29000	0	0
34	646	BROMOMETHANE	48	0	0	<	0.2	<	0.4		4000	0	0
35	649	CHLOROMETHANE	48	0	0	<	0.07	<	0.3			NA	NA
36	601	METHYLENE CHLORIDE	48	11	0	<	0.13		22.5	22.5	1600	0	0
37	653	1,1,2,2-TETRACHLOROETHANE	48	0	0	<	0.1	<	0.2		11	0	0
38	607	TETRACHLOROETHYLENE	48	1	1	<	0.062		0.4	0.4	8.85	0	0
39	621	TOLUENE	48	1	1	<	0.06	<	0.2	0.17	200000	0	0
40	645	TRANS-1,2-DICHLOROETHYLENE	48	0	0	<	0.07	<	0.59		140000	0	0
41	603	1,1,1-TRICHLOROETHANE	48	0	0	<	0.05	<	0.18			NA	NA
42	618	1,1,2-TRICHLOROETHANE	48	0	0	<	0.085	<	0.3		42	0	0
43	606	TRICHLOROETHYLENE	48	0	0	<	0.078	<	0.2		81	0	0
44	612	VINYL CHLORIDE	48	0	0	<	0.05	<	0.2		525	0	0
45	845	2-CHLOROPHENOL	47	0	0	<	0.09	<	2		400	0	0
46	847	2,4-DICHLOROPHENOL	47	0	0	<	0.09	<	3		790	0	0
47	848	2,4-DIMETHYLPHENOL	47	0	0	<	0.17	<	3		2300	0	0
48	850	2-METHYL-4,6-DINITROPHENOL	47	0	0	<	0.4	<	8		765	0	0
49	849	2,4-DINITROPHENOL	47	0	0	<	0.21	<	34		14000	0	0
50	851	2-NITROPHENOL	47	0	0	<	0.09	<	3			NA	NA
51	852	4-NITROPHENOL	47	0	0	<	0.06	<	6			NA	NA
52	853	4-CHLORO-3-METHYLPHENOL	47	0	0	<	0.18	<	2.1			NA	NA
53	854	PENTACHLOROPHENOL	47	0	0	<	0.4	<	8		7.9	0	0
54	855	PHENOL	47	1	0	<	0.4		2.17	2.17	4600000	0	0
55	856	2,4,6-TRICHLOROPHENOL	47	0	0	<	0.09	<	3		6.5	0	0
56	800	ACENAPHTHENE	47	0	0	<	0.04	<	1.2		2700	0	0
57	801	ACENAPHTHYLENE	47	0	0	<	0.06	<	1.1			NA	NA
58	802	ANTHRACENE	47	0	0	<	0.06	<	1.4		110000	0	0
59	803	BENZIDINE	47	0	0	<	2	<	47		0.00054	0	0
60	804	BENZO(A)ANTHRACENE	47	0	0	<	0.09	<	2.4		0.049	0	0
61	805	BENZO(A)PYRENE	47	0	0	<	0.06	<	1.7		0.049	0	0
62	806	BENZO(B)FLUORANTHENE	47	0	0	<	0.07	<	2.5		0.049	0	0
63	807	BENZO(G,H,I)PERYLENE (1,12-	47	0	0	<	0.05	<	2			NA	NA
64	808	BENZO(K)FLUORANTHENE	47	0	0	<	0.19	<	2		0.049	0	0
65	809	BIS(2-CL-ETHOXY)METHANE	47	0	0	<	0.05	<	1			NA	NA
66	810	BIS(2-CHLOROETHYL)ETHER	47	0	0	<	0.09	<	5.4		1.4	0	0
67	811	BIS(2-CL-ISOPROPYL)ETHER	47	0	0	<	0.05	<	3		170000	0	0
68	812	BIS(2-ETHYLHEXYL)PHTHALAT	47	27	7	<	0.3		43.795	43.795	5.9	10	0

**Table F11 Terminal Island Treatment Plant
Priority Pollutants Effluent Monitoring Data for July 1997 through June 2004
(CA0053856, CI-2171)**

PTP	Test Code	Test Description	No. Samples	No. Detected	no. DNQ	Data Range		Maximum Detected	CTR Criteria	number of exceed			
						Minimum	Maximum			detected	DNQ		
69	813	4-BROMOPHENYL PHENYLETH	47	0	0	<	0.07	<	1.5		NA	NA	
70	814	BUTYLBENZYL PHTHALATE	47	0	0	<	0.04	<	3.6	5200	0	0	
71	815	2-CHLORONAPHTHALENE	47	0	0	<	0.07	<	1.5	4300	0	0	
72	816	4-CHLOROPHENYLPHENYLETH	47	0	0	<	0.04	<	2		NA	NA	
73	817	CHRYSENE	47	0	0	<	0.05	<	2.6	0.049	0	0	
74	818	DIBENZO(A,H)ANTHRACENE (1	47	0	0	<	0.05	<	1.8	0.049	0	0	
75	819	1,2-DICHLOROENZENE	48	0	0	<	0.056	<	0.2	17000	0	0	
76	820	1,3-DICHLOROENZENE	48	0	0	<	0.05	<	0.2	2600	0	0	
77	821	1,4-DICHLOROENZENE	48	1	1	<	0.049		0.24	0.24	2600	0	0
78	822	3,3'-DICHLOROENZIDINE	47	0	0	<	0.11	<	2	0.077	0	0	
79	823	DIETHYL PHTHALATE	47	3	3	<	0.06	<	3	0.19	120000	0	0
80	824	DIMETHYL PHTHALATE	47	0	0	<	0.1	<	3	2900000	0	0	
81	825	DI-N-BUTYL PHTHALATE	47	12	11	<	0.07	<	3	1.09	12000	0	0
82	826	2,4-DINITROTOLUENE	47	0	0	<	0.08	<	1.5	9.1	0	0	
83	827	2,6-DINITROTOLUENE	47	0	0	<	0.02	<	1.3		NA	NA	
84	828	DI-N-OCTYL PHTHALATE	47	4	2	<	0.15		5.02	5.02	NA	NA	
85	829	1,2-DIPHENYLHYDRAZINE	47	0	0	<	0.06	<	1.9	0.54	0	0	
86	830	FLUORANTHENE	47	0	0	<	0.06	<	1.6	370	0	0	
87	831	FLUORENE	47	0	0	<	0.05	<	1.2	14000	0	0	
88	832	HEXACHLOROENZENE	47	0	0	<	0.07	<	1.3	0.00077	0	0	
89	833	HEXACHLOROBUTADIENE	47	0	0	<	0.07	<	2	50	0	0	
90	834	HEXACHLOROCYCLOPENTADIE	47	0	0	<	1	<	3	17000	0	0	
91	835	HEXACHLOROETHANE	47	0	0	<	0.07	<	2	8.9	0	0	
92	836	INDENO(1,2,3-C,D)PYRENE	47	0	0	<	0.07	<	2.1	0.049	0	0	
93	837	ISOPHORONE	47	1	1	<	0.07	<	4	0.21	600	0	0
94	838	NAPHTHALENE	47	0	0	<	0.028	<	2		NA	NA	
95	839	NITROENZENE	47	2	0	<	0.05		3.12	3.12	1900	0	0
96	840	N-NITROSODIMETHYLAMINE	47	0	0	<	0.17	<	3	8.1	0	0	
97	841	N-NITROSODI-N-PROPYLAMINE	47	0	0	<	0.13	<	4.5	1.4	0	0	
98	857	N-NITROSODIPHENYLAMINE	47	0	0	<	0.09	<	1.3	16	0	0	
99	842	PHENANTHRENE	47	0	0	<	0.08	<	1.4		NA	NA	
100	843	PYRENE	47	0	0	<	0.07	<	3	11000	0	0	
101	846	1,2,4-TRICHLOROENZENE	47	1	0	<	0.057	<	1	0.205		NA	NA
102	512	ALDRIN	47	0	0	<	0.001	<	0.008	0.00014	0	0	
103	508	ALPHA-BHC	47	1	0	<	0.001		0.003	0.003	0.013	0	0
104	523	BETA-BHC	47	1	0	<	0.001	<	0.005	0.004	0.046	0	0
105	509	LINDANE (GAMMA-BHC)	47	19	4	<	0.001		0.04	0.04	0.063	0	0
106	524	DELTA-BHC	47	1	0	<	0.0007	<	0.015	0.009		NA	NA
107	540	TECHNICAL CHLORDANE	47	0	0	<	0.001	<	0.07	0.00059	0	0	
108	506	PP'-DDT	47	0	0	<	0.001	<	0.013	0.00059	0	0	
109	502	PP'-DDE	47	0	0	<	0.001	<	0.004	0.00059	0	0	
110	504	PP'-DDD	47	0	0	<	0.001	<	0.006	0.00084	0	0	
111	513	DIELDRIN	47	2	2	<	0.0009	<	0.006	0.004	0.00014	2	2
112	531	ENDOSULFAN I	47	1	1	<	0.001	<	0.006	0.003	0.0087	0	0
113	532	ENDOSULFAN II	47	0	0	<	0.001	<	0.005	0.0087	0	0	
114	533	ENDOSULFAN SULFATE	47	0	0	<	0.001	<	0.016	240	0	0	
115	514	ENDRIN	47	0	0	<	0.001	<	0.007	0.0023	0	0	
116	534	ENDRIN ALDEHYDE	47	0	0	<	0.001	<	0.01	0.81	0	0	
117	510	HEPTACHLOR	47	0	0	<	0.001	<	0.006	0.00021	0	0	
118	511	HEPTACHLOR EPOXIDE	47	0	0	<	0.001	<	0.004	0.00011	0	0	
119	535	AROCLOR 1016	47	0	0	<	0.02	<	0.08	0.00017	0	0	
120	536	AROCLOR 1221	47	0	0	<	0.03	<	0.49	0.00017	0	0	
121	537	AROCLOR 1232	47	0	0	<	0.02	<	0.1	0.00017	0	0	
122	519	AROCLOR 1242	47	0	0	<	0.031	<	0.2	0.00017	0	0	
123	538	AROCLOR 1248	47	0	0	<	0.02	<	0.121	0.00017	0	0	
124	520	AROCLOR 1254	47	0	0	<	0.01	<	0.05	0.00017	0	0	
125	539	AROCLOR 1260	47	0	0	<	0.03	<	0.1	0.00017	0	0	
126	515	TOXAPHENE	47	0	0	<	0.09	<	0.354	0.0002	0	0	

**Table F12 Terminal Island Treatment Plant
Reasonable Potential Analysis of Priority Pollutants in Effluent
(CA0053856, CI-2171)**

CTR#		MEC-Eff	WQO Saltwater Acute	WQO Saltwater Chronic	WQO Human Health	Water Quality Criteria (C)	Background (B)	B>C	B<C	Dilution Credit allowed
6	Copper	74	5.8	3.7	NA	3.7	31.5	Yes	No	No
7	Lead	8.6	220	8.5	Narrative	8.5	58	Yes	No	No
8	Mercury	0.3	NA	NA	0.051	0.051	0.16	Yes	No	No
9	Nickel	22.5	75	8.3	4600	8.3	6	No	Yes	Yes
11	Silver	3.8	2.2	NA	NA	2.2	11.6	Yes	No	No
14	Cyanide	11	1	1	220000	1	NA	NA	NA	NA
68	Bis(2-ethylhexyl)phthalate	43.795	NA	NA	5.9	5.9	2.88353*	No	Yes	Yes
111	Dieldrin	0.004	0.71	0.0019	0.00014	0.00014	NA	NA	NA	NA

*: Based on Step 2 in the Section 1.4 of the SIP, the WQO is 5.9 um/L, which is used to protect human health from carcinogenic effects. Therefore, the background bis(2-ethylhexyl)phthalate concentration is determined as the result of the arithmetic mean, accordance with SIP Section 1.4.3.2, of receiving water data.

**Table F12 Terminal Island Treatment Plant
Reasonable Potential Analysis of Priority Pollutants in Effluent
(CA0053856, CI-2171)**

	Dilution Credit	CV	ECA Acute	ECA Chronic	ECA Human Health	ECA Multipliers Acute 99	ECA Multipliers Chronic 99	LTA Acute	LTA Chronic
Copper	0	1.29314	5.8	3.7	NA	0.16291	0.30119	0.94486	1.11439
Lead	0	0.75461	220	8.5	Narrative	0.26284	0.45748	57.8248	3.88856
Mercury	0	0.49551	NA	NA	0.051	0.37526	0.58395	NA	NA
Nickel	61	0.69962	4284	148.6	284834	0.28112	0.48067	1204.32	71.4278
Silver	0	1.21994	2.2	NA	NA	0.17119	0.31663	0.37661	NA
Cyanide	0	0.60614	1	1	220000	0.31832	0.52436	0.31832	0.52436
Bis(2-ethylhexyl)phthalate	61	1.69099	NA	NA	#VALUE!	0.13162	0.23728	NA	NA
Dieldrin	0	0.6	0.71	0.0019	0.00014	0.32108	0.52743	0.22797	0.00100

**Table F12 Terminal Island Treatment Plant
Reasonable Potential Analysis of Priority Pollutants in Effluent
(CA0053856, CI-2171)**

	Lowest LTA	AMEL Multiplier 95	MDEL Multiplier 99	AMEL Aquatic Life	MDEL Aquatic Life	AMEL Human Health	MDEL Human Health	Limitation of Monthly Average	Limitation of Daily Maximum
Copper	0.94486	2.22011	6.13849	2.09769	5.8	NA	NA	2.09769	5.8
Lead	3.88856	1.70503	3.80459	6.63012	14.7944	Narrative	NA	6.63012	14.7944
Mercury	NA	1.45022	2.66478	NA	NA	0.051	0.09371	0.051	0.09371
Nickel	71.4278	1.65069	3.55719	117.905	254.082	4600	9912.88	117.905	254.082
Silver	0.37661	2.15334	5.84156	0.81097	2.2	NA	NA	0.81097	2.2
Cyanide	0.31832	1.55847	3.14145	0.4961	1	220000	443461	0.4961	1
Bis(2-ethylhexyl)phthalate	NA	2.55592	7.59759	NA	NA	189.905	564.502	189.905	564.502
Dieldrin	0.001	1.55242	3.11446	0.00156	0.00312	0.00014	0.00028	0.00014	0.00028