

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	1	2	3	4	5A	5B	6								
Pollutant	Antimony	1/2 Antimony	Arsenic	1/2 Arsenic	Barium	1/2 Barium	Beryllium	Cadmium	1/2 Cadmium	Chromium III	1/2 Chromium III	Chromium VI	Copper	1/2 Copper	Iron
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
02/06/96	<100		<10	5				<20	10			<50	<20	10	110
08/12/96	<100		<10	5				<10	5			<10	<20	10.00	70
2/10/1997	<100	50	<10	5	100	100		<20	10			<50	<20	10	110
8/18/1997	<50	25	<5	2.5	<20	10		<5	2.5			<10	20	20	60
02/23/98	<50	25	<5	2.5	30	30		<5	<5			<10	<10	5	140
08/05/98	<50	25	2.3	2.3	30	30		0.051	0.051			0.51	3.5	3.5	<50
2/3/1999	<50	25	6.6	6.6	30	30		0.14	0.14			1.9	9.6	9.6	60
8/18/1999	<100	50	<20	10	<60	30		<30	15			<40	<30	15	170
2/2/2000	<100	50	<20	10	<60	30		<30	15			<40	<30	15	<50
8/9/2000	<5	2.5	<5	2.5	30	30		<5	2.5			<10	20	20	<100
2/21/2001	<5	2.5	<5	2.5	20	20		<5	2.5	<10		5	<10	5	<100
7/25/2001	0.37	0.37	2.3	2.3			0.02	0.13	0.13	0.96	0.96		9.56	9.56	
8/29/2001	0.38	0.38	1.5	1.5	25	25	<0.02	0.07	0.07	0.9	0.9	<0.01	6.5	6.5	40
9/19/2001	0.4	0.4	1.6	1.6			<0.1	0.2	0.2	0.3	0.3	<0.01	7.7	7.7	
10/24/2001	0.4	0.4	1	1			<0.1	0.2	0.2	0.3	0.3	<0.01	7.4	7.4	
11/14/2001	0.5	0.5	2	2			<0.1	0.2	0.2	0.4	0.4		5.9	5.9	
12/5/2001	0.3	0.3	1.3	1.3			<0.1	0.1	0.1	0.2	0.2		6	6	
1/30/2002	0.4	0.4	1.5	1.5			<0.1	0.1	0.1	0.3	0.3		9.6	9.6	
2/27/2002	0.4	0.4	1.5	1.5			<0.1	0.1	0.1	0.6	0.6		12	12	
3/20/2002	0.3	0.3	1.8	1.8			<0.1	0.3	0.3	0.5	0.5		9.8	9.8	
4/24/2002	0.4	0.4	2	2			<0.1	0.1	0.1	0.2	0.2		8.1	8.1	
5/22/2002	0.3	0.3	2	2			<0.1	0.1	0.1	0.4	0.4		9.9	9.9	
6/26/2002	0.5	0.5	1.6	1.6			<0.1	0.1	0.1	0.3	0.3		8.9	8.9	
7/17/2002	0.7	0.7	1.5	1.5			<0.1	0.1	0.1	<0.5	0.25	<0.01	8.3	8.3	
8/28/2002	0.6	0.6	1.9	1.9			<0.1	0.2	0.2	0.4	0.4		11	11	
9/18/2002	0.4	0.4	1.3	1.3			<0.1	0.6	0.6	<0.5	0.25	<0.01	8	8	
10/16/2002	0.5	0.5	1.7	1.7			<0.1	0.2	0.2	0.2	0.2	<0.01	10	10	
11/20/2002	0.4	0.4	1.3	1.3			<0.1	0.2	0.2	1.1	1.1	<0.01	9.3	9.3	
12/18/2002	0.4	0.4	1.2	1.2			<0.1	0.2	0.2	0.5	0.5	<0.01	12	12	
MEC	0.7		6.6		100		0.02	0.6		0.96		1.9	20		170
MAXIMUM	0.7		6.6		100		0.02	0.6		1.1		1.9	20		170

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CTR #	1	2	3	4	5A	5B	6								
Pollutant	Antimony	1/2 Antimony	Arsenic	1/2 Arsenic	Barium	1/2 Barium	Beryllium	Cadmium	1/2 Cadmium	Chromium III	1/2 Chromium III	Chromium VI	Copper	1/2 Copper	Iron
MINIMUM	<5		<5		<20		<0.1	<5		<0.5		<0.01	<10		<50
DETECTS	18		20		7		1	20		16		2	22		8
COUNT	29		29		10		18	29		19		18	29		12
% NONDETECT	37.93103		31.03448		30		94.44444	31.03448		15.78947		88.88889	24.13793		33.33333
ST DEVIATION		16.93986	1.162789	2.394416	27.66724	24.27276	#DIV/0!	0.119	4.470214	0.281603	1.077795	0.982878	3.897095	3.870506	45.03967
AVERAGE		9.727778	1.895	2.858621	37.85714	33.5	0.02	0.16955	2.35325	0.4725	0.687368	1.205	9.684545	9.76069	95
CV		1.741391		0.837612		0.72456	#DIV/0!		1.899592		1.568002	0.815667		0.39654	0.474102
Default CV		1.6		0.8		0.7	0.6		1.8		1.7	0.6		0.4	
ECA multipliers Table 1															
CV^2 +1		3.56		1.64		1.49	1.36		4.24		3.89	1.36		1.16	
Sigma		1.126837		0.703346		0.631487	0.554513		1.2019		1.165508	0.554513		0.385253	
Sigma ^2		1.269761		0.494696		0.398776	0.307485		1.444563		1.358409	0.307485		0.14842	
Sigma 4		0.703346		0.385253		0.339939	0.29356		0.770277		0.737412	0.29356		0.198042	
Sigma 4 ^2		0.494696		0.14842		0.115558	0.086178		0.593327		0.543777	0.086178		0.039221	
Z 99 %ile		2.326		2.326		2.326	2.326		2.326		2.326	2.326		2.326	
0.5*Sigma^2		0.63488		0.247348		0.199388	0.153742		0.722282		0.679205	0.153742		0.07421	
Z99% *Sigma		2.621022		1.635984		1.468839	1.289797		2.795619		2.710972	1.289797		0.896099	
ECA Acute 99 multiplier		0.137224		0.249415		0.280986	0.321083		0.125765		0.131104	0.321083		0.439601	
0.5*Sigma 4 ^2		0.247348		0.07421		0.057779	0.043089		0.296663		0.271888	0.043089		0.01961	
Z99%ile*Sigma 4		1.635984		0.896099		0.790697	0.682821		1.791665		1.715221	0.682821		0.460646	
ECA Chronic99 multiplier		0.249415		0.439601		0.480505	0.527433		0.224248		0.23614	0.527433		0.64337	
Z 95%ile		1.645		1.645		1.645	1.645		1.645		1.645	1.645		1.645	
Z95% *Sigma 4		1.157005		0.633741		0.559199	0.482907		1.267106		1.213043	0.482907		0.325779	
0.5*sigma 4 ^2		0.247348		0.07421		0.057779	0.043089		0.296663		0.271888	0.043089		0.01961	
AMEL multiplier95		2.48347		1.749852		1.651064	1.552425		2.639112		2.562939	1.552425		1.358212	
Z99% *Sigma		2.621022		1.635984		1.468839	1.289797		2.795619		2.710972	1.289797		0.896099	
0.5* sigma^2		0.63488		0.247348		0.199388	0.153742		0.722282		0.679205	0.153742		0.07421	
MDEL multiplier99		7.287361		4.009377		3.558899	3.114457		7.951316		7.627555	3.114457		2.274793	
MDEL/AMEL Multiplier		2.934346		2.291265		2.155518	2.006189		3.012876		2.976097	2.006189		1.674844	

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CTR #		7		8		9		10		11		12	13		14
Pollutant	1/2 Iron	Lead	1/2 Lead	Mercury	1/2 Mercury	Nickel	1/2 Nickel	Selenium	1/2 Selenium	Silver	1/2 Silver	Thallium	Zinc	1/2 Zinc	Cyanide
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
02/06/96	110	<20	10	<10		<20	10	<10	5	<20	10	<100	<100	50	<20
08/12/96	70	<20	10.00	<10		<20	10	<10	5	<20	10	<100	<100	50	<20
2/10/1997	110	<20	10	<10	5	<20	10	<10	5	<20	10	<100	40	40	<20
8/18/1997	60	<2	1	<1	0.5	<40	20	<5	2.5	<10	5	<100	50	50	<50
02/23/98	140	<2	1	<1	0.5	<40	20	<5	2.5	<10	5	<100	40	40	<50
08/05/98	25	0.51	0.51	<0.005	0.0025	2.3	2.3	<0.8	0.4				29	29	<50
2/3/1999	60	0.82	0.82					1.3	1.3	<10	5		67	67	<50
8/18/1999	170	<90	45	<0.5	0.25	<80	40	<10	5	<10	5	<200	<60	30	<30
2/2/2000	25	<90	45	<0.5	0.25	<80	40	<10	5	<60	30	<60		30	<50
8/9/2000	50	<50	25	<0.5	0.25	<40	20	<5	2.5	<10	5		50	50	<50
2/21/2001	50	<50	25	<0.5	0.25	<40	20	<5	2.5	<10	5		40	40	<50
7/25/2001		0.523	0.523	<0.2	0.1	4.6	4.6	1.7	1.7	0.14	0.14	0.03	38.3	38.3	<0.01
8/29/2001	40	0.42	0.42	<0.2	0.1	4.5	4.5	0.8	0.8	0.1	0.1	0.003	36.4	36.4	<0.01
9/19/2001		0.49	0.49	0.0057	0.0057	3.5	3.5	<1	0.5	0.1	0.1	<0.1	45	45	2.8
10/24/2001		0.3	0.3	0.0096	0.0096	3.3	3.3	<1	0.5	0.1	0.1	<0.1	43	43	5
11/14/2001		0.46	0.46	0.0069	0.0069	3.2	3.2	<1	0.5	0.1	0.1	<0.1	35	35	9
12/5/2001		0.45	0.45	0.0095	0.0095	5	5	0.9	0.9	0.09	0.09	0.01	38	38	5
1/30/2002		0.42	0.42	0.013	0.013	3.5	3.5	1	1	0.2	0.2	<0.1	45	45	4
2/27/2002		0.36	0.36	0.0097	0.0097	3.9	3.9	0.98	0.98	0.5	0.5	<0.1	37	37	3
3/20/2002		0.4	0.4	0.008	0.008	4.8	4.8	0.8	0.8	0.5	0.5	<0.1	45	45	2.4
4/24/2002		0.34	0.34	0.0071	0.0071	4.9	4.9	0.6	0.6	0.1	0.1	<0.1	45	45	2.8
5/22/2002		0.28	0.28	0.0062	0.0062	22	22	1	1	0.2	0.2	<0.1	41	41	6
6/26/2002		0.3	0.3	0.0046	0.0046	5.8	5.8	1	1	0.1	0.1	<0.1	42	42	2.6
7/17/2002		0.26	0.26	0.012	0.012	5.5	5.5	1	1	0.08	0.08	<0.1	54	54	3
8/28/2002		0.5	0.5	0.021	0.021	5	5	0.7	0.7	0.3	0.3	0.04	44	44	<3
9/18/2002		0.44	0.44	0.008	0.008	4.4	4.4	0.8	0.8	0.2	0.2	<0.1	46	46	3
10/16/2002		0.45	0.45	0.013	0.013	4.5	4.5	1	1	0.4	0.4	<0.1	48	48	4
11/20/2002		0.56	0.56	0.0063	0.0063	5.8	5.8	0.8	0.8	0.2	0.2	<0.1	49	49	2.6
12/18/2002		0.52	0.52	0.013	0.013	5.1	5.1	0.8	0.8	0.3	0.3	<0.1	46	46	1.5
MEC		0.82		0.021		22		1.7	0.5			0.04	67		9
MAXIMUM		0.82		0.021		22		1.7		0.5		0.04	67		9

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CTR #	7	8	9	10	11	12	13	14					
Pollutant	1/2 Iron	Lead 1/2 Lead	Mercury 1/2 Mercury	Nickel 1/2 Nickel	Selenium 1/2 Selenium	Silver 1/2 Silver	Thallium Zinc 1/2 Zinc	Cyanide					
MINIMUM	0.26	<0.2	<20	<1	<10	<0.1	<60	<0.01					
DETECTS	20	16	19	16	18	4	25	15					
COUNT	29	28	28	29	28	24	29	29					
% NONDETECT	31.03448	42.85714	32.14286	44.82759	35.71429	83.33333	13.7931	48.27586					
ST DEVIATION	46.35992	0.125591	12.64762	0.004097	0.973458	10.39041	1.612251	0.139205	6.198766	0.017193	7.347512	7.892361	1.868613
AVERAGE	75.83333	0.44015	6.234586	0.0096	0.282927	10.41429	1.795862	0.206111	3.346786	0.02075	43.748	43.23103	3.78
CV	0.61134	2.028622	3.440668	0.997707	0.897759	1.852155	0.828556	0.182562					
Default CV	0.6	1.9	3.2	1	0.9	1.7	0.6	0.2					
ECA multipliers Table 1													
CV^2 +1	1.36	4.61	11.24	2	1.81	3.89	1.36	1.04					
Sigma	0.554513	1.236215	1.555467	0.832555	0.770277	1.165508	0.554513	0.198042					
Sigma ^2	0.307485	1.528228	2.419479	0.693147	0.593327	1.358409	0.307485	0.039221					
Sigma 4	0.29356	0.801978	1.126837	0.472381	0.429421	0.737412	0.29356	0.099751					
Sigma 4 ^2	0.086178	0.643169	1.269761	0.223144	0.184403	0.543777	0.086178	0.00995					
Z 99 %ile	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326					
0.5*Sigma^2	0.153742	0.764114	1.209739	0.346574	0.296663	0.679205	0.153742	0.01961					
Z99% *Sigma	1.289797	2.875436	3.618017	1.936522	1.791665	2.710972	1.289797	0.460646					
ECA Acute 99 multiplier	0.321083	0.121078	0.08997	0.203936	0.224248	0.131104	0.321083	0.64337					
0.5*Sigma 4 ^2	0.043089	0.321584	0.63488	0.111572	0.092201	0.271888	0.043089	0.004975					
Z99%ile*Sigma 4	0.682821	1.865401	2.621022	1.098758	0.998834	1.715221	0.682821	0.232022					
ECA Chronic99 multiplier	0.527433	0.213564	0.137224	0.372624	0.403882	0.23614	0.527433	0.796884					
Z 95%ile	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645					
Z95% *Sigma 4	0.482907	1.319254	1.853646	0.777066	0.706398	1.213043	0.482907	0.164091					
0.5*sigma 4 ^2	0.043089	0.321584	0.63488	0.111572	0.092201	0.271888	0.043089	0.004975					
AMEL multiplier95	1.552425	2.711954	3.38301	1.945452	1.848172	2.562939	1.552425	1.172474					
Z99% *Sigma	1.289797	2.875436	3.618017	1.936522	1.791665	2.710972	1.289797	0.460646					
0.5* sigma^2	0.153742	0.764114	1.209739	0.346574	0.296663	0.679205	0.153742	0.01961					
MDEL multiplier99	3.114457	8.259157	11.1148	4.903496	4.459342	7.627555	3.114457	1.554316					
MDEL/AMEL Multiplier	2.006189	3.045463	3.285477	2.520491	2.41284	2.976097	2.006189	1.325673					

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CTR #		15	16	17	18	19	20		21	22	23		24	25	26
Pollutant		Asbestos	2,3,7,8-TCDD (Dioxin)	Acrolein	Acrylonitrile	Benzene	Bromoform	1/2 Bromoform	Carbon Tetrachloride	Chlorobenzene	Dibromochloromethane	1/2 Dibromochloromethane	Chloroethane	2-Chloroethylvinyl ether	Chloroform
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
02/06/96	10					<5		2.5	<5		<5	2.5			<5
08/12/96	10					<5		2.5	<5		<5	2.5			8
2/10/1997	10					<5		2.5	<5	<5	<5	2.5			<5
8/18/1997	25					<5		2.5	<5	<5	<5	2.5			9
02/23/98	25					<5		2.5	<5		<5	2.5			7
08/05/98	25					<5		2.5	<5		<5	2.5			<5
2/3/1999	25					<5		2.5	<5		<5	2.5			5
8/18/1999	15					<1		0.5	<0.5		2	2			2.8
2/2/2000	25					<1		0.5	<0.5		1.1	1.1			3.4
8/9/2000	25					<5		2.5	<5		<0.5	0.25			7
2/21/2001	25					<5		2.5	<5		<5	2.5			6
7/25/2001	0.005		<5	<2	<0.5	<0.1		0.05	<0.42	<0.5	3	3	<0.5	<1	5.7
8/29/2001	0.005		0.002058	<5	<2	<0.5	<0.1	0.05	<0.42	<0.5	1.1	1.1	<0.5	<1	2.7
9/19/2001	2.8			<5	<2	<0.5	<0.5	0.25	<0.42	<0.5	1.9	1.9	<0.5	<1	4.2
10/24/2001	5			<5	<2	<0.5	<0.5	0.25	<0.5	<0.5	1.1	1.1	<0.5	<1	4.7
11/14/2001	9			<5	<2	<0.5	0.5	0.5	<0.5	<0.5	3.4	3.4	<0.5	<1	7.2
12/5/2001	5			<5	<2	<0.5	<0.5	0.25	<0.5	<0.5	2.5	2.5	<0.5	<1	5.4
1/30/2002	4			<5	<2	<0.5	<0.5	0.25	0.7	<0.5	2.4	2.4	<0.5	<1	4.4
2/27/2002	3		0.00173	<5	<2	<0.5	0.5	0.5	1.1	<0.5	2.6	2.6	<0.5	<1	3.4
3/20/2002	2.4			<5	<2	<0.5	0.7	0.7	<0.5	<0.5	2.9	2.9	<0.5	<1	2.9
4/24/2002	2.8			<5	<2	<0.5	0.4	0.4	0.47	<0.5	2.3	2.3	<0.5	<1	3.5
5/22/2002	6			<5	<2	<0.5	0.4	0.4	1.5	<0.5	2.4	2.4	<0.5	<1	5.1
6/26/2002	2.6			<5	<2	<0.5	0.3	0.3	<0.5	<0.5	2	2	<0.5	<1	4
7/17/2002	3			<5	<2	<0.5	1	1	<0.5	<0.5	4	4	<0.5	<1	4.7
8/28/2002	1.5		0.000625	<5	<2	<0.5	0.9	0.9	<0.5	<0.5	4	4	<0.5	<1	4.9
9/18/2002	3			<5	<2	<0.5	0.5	0.5	<0.5	<0.5	2	2	<0.5	<1	3
10/16/2002	4			<10	<10	<1	0.2	0.2	<1	<1	2	2	<1	<1	3
11/20/2002	2.6			<10	<10	<1	0.5	0.5	<1	<1	2.6	2.6	<1	<1	3.8
12/18/2002	1.5			<10	<10	<1	0.4	0.4	1.1	<1	2.4	2.4	<1	<1	6.1
MEC			0.002058	<5	<2	<0.5	1		1.5	<0.5	4		<0.5	<1	9
MAXIMUM			0.002058	<5	<2	<0.5	1		1.5	<0.5	4		<0.5	<1	9

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #		15	16	17	18	19	20		21	22	23		24	25	26
Pollutant	1/2 Cyanide	Asbestos	2,3,7,8-TCDD (Dioxin)	Acrolein	Acrylonitrile	Benzene	Bromoform	1/2 Bromoform	Carbon Tetrachloride	Chlorobenzene	Dibromochloromethane	1/2 Dibromochloromethane	Chloroethane	2-Chloroethylvinyl ether	Chloroform
MINIMUM		<0.5	<5	<2	<0.5	<0.1			<0.5	<0.5	<0.5		<0.5	<1	2.7
DETECTS		3	0	0	0	0	12		5	0	20		0	0	26
COUNT		3	18	18	18	18	29		29	20	29		18	18	29
% NONDETECT		0	100	100	100	100	58.62069		82.75862	100	31.03448		100	100	10.34483
ST DEVIATION	9.442432	0.000751	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.999831	#DIV/0!	#DIV/0!	#DIV/0!	0.820318	0.788276	#DIV/0!	#DIV/0!	1.719074
AVERAGE	9.593448	0.001471	#DIV/0!	#DIV/0!	#DIV/0!	0.525	1.065517	0.974	#DIV/0!	2.385	2.343103	#DIV/0!	#DIV/0!	#DIV/0!	4.880769
CV	0.984258	0.510363	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.938352	#DIV/0!	#DIV/0!	#DIV/0!	0.336424	#DIV/0!	#DIV/0!	#DIV/0!	
Default CV	0.9	0.5	0.6	0.6	0.6	0.6	0.9	0.6	0.6	0.6	0.4	0.6	0.6	0.6	
ECA multipliers Table 1															
CV^2 +1	1.81	1.25	1.36	1.36	1.36	1.36			1.81	1.36	1.36			1.36	1.36
Sigma	0.770277	0.472381	0.554513	0.554513	0.554513	0.554513			0.770277	0.554513	0.554513			0.554513	0.554513
Sigma ^2	0.593327	0.223144	0.307485	0.307485	0.307485	0.307485			0.593327	0.307485	0.307485			0.307485	0.307485
Sigma 4	0.429421	0.246221	0.29356	0.29356	0.29356	0.29356			0.429421	0.29356	0.29356			0.29356	0.29356
Sigma 4 ^2	0.184403	0.060625	0.086178	0.086178	0.086178	0.086178			0.184403	0.086178	0.086178			0.086178	0.086178
Z 99 %ile	2.326	2.326	2.326	2.326	2.326	2.326			2.326	2.326	2.326			2.326	2.326
0.5*Sigma^2	0.296663	0.111572	0.153742	0.153742	0.153742	0.153742			0.296663	0.153742	0.153742			0.153742	0.153742
Z99% *Sigma	1.791665	1.098758	1.289797	1.289797	1.289797	1.289797			1.791665	1.289797	1.289797			1.289797	1.289797
ECA Acute 99 multiplier	0.224248	0.372624	0.321083	0.321083	0.321083	0.321083			0.224248	0.321083	0.321083			0.321083	0.321083
0.5*Sigma 4 ^2	0.092201	0.030312	0.043089	0.043089	0.043089	0.043089			0.092201	0.043089	0.043089			0.043089	0.043089
Z99%ile*Sigma 4	0.998834	0.572709	0.682821	0.682821	0.682821	0.682821			0.998834	0.682821	0.682821			0.682821	0.682821
ECA Chronic99 multiplier	0.403882	0.581353	0.527433	0.527433	0.527433	0.527433			0.403882	0.527433	0.527433			0.527433	0.527433
Z 95%ile	1.645	1.645	1.645	1.645	1.645	1.645			1.645	1.645	1.645			1.645	1.645
Z95% *Sigma 4	0.706398	0.405033	0.482907	0.482907	0.482907	0.482907			0.706398	0.482907	0.482907			0.482907	0.482907
0.5*sigma 4 ^2	0.092201	0.030312	0.043089	0.043089	0.043089	0.043089			0.092201	0.043089	0.043089			0.043089	0.043089
AMEL multiplier95	1.848172	1.454585	1.552425	1.552425	1.552425	1.552425			1.848172	1.552425	1.552425			1.552425	1.552425
Z99% *Sigma	1.791665	1.098758	1.289797	1.289797	1.289797	1.289797			1.791665	1.289797	1.289797			1.289797	1.289797
0.5* sigma^2	0.296663	0.111572	0.153742	0.153742	0.153742	0.153742			0.296663	0.153742	0.153742			0.153742	0.153742
MDEL multiplier99	4.459342	2.683671	3.114457	3.114457	3.114457	3.114457			4.459342	3.114457	3.114457			3.114457	3.114457
MDEL/AMEL Multiplier	2.41284	1.844974	2.006189	2.006189	2.006189	2.006189			2.41284	2.006189	2.006189			2.006189	2.006189

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #		27		28	29	30	31	32	33	34	35	36		37	38
Pollutant	1/2 Chloroform	Bromodichloromethane	1/2 bromodichloromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloropropane	1,3-Dichloropropylene	Ethylbenzene	Methyl bromide (BROMOMETHANE)	Methyl chloride (CHLOROMETHANE)	Methylenechloride 1/2 methylene chloride		1,1,2,2-Tetrachloroethane	Tetrachloroethylene
	Units ug/L	ug/L		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		ug/L	ug/L	ug/L	ug/L
	02/06/96	2.5	<5		2.5							<5	2.5		
	08/12/96	8	<5		2.5							<5	2.5		
	2/10/1997	2.5	<5		2.5							<5	2.5		
	8/18/1997	9	<5		2.5							<5	2.5		
	02/23/98	7	<5		2.5			<5			<5	<5	2.5		
	08/05/98	2.5	<5		2.5			<5			<5	<5	2.5		
	2/3/1999	5	<5		2.5							<10	5		
	8/18/1999	2.8		3.1	3.1							<2	1		
	2/2/2000	3.4		2.6	2.6							<2	1		
	8/9/2000	7		5	5							<10	5		
	2/21/2001	6		5	5					<5		<10	5		
	7/25/2001	5.7	6.2	6.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.38	0.19	<0.5	<0.5
	8/29/2001	2.7	2.6	2.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.38	0.19	<0.5	<0.5
	9/19/2001	4.2	4.3	4.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.5		<0.38	0.19	<0.5	<0.5
	10/24/2001	4.7	2.9	2.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		1	1	<0.5	<0.5
	11/14/2001	7.2	7.2	7.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		0.7	0.7	<0.5	<0.5
	12/5/2001	5.4	6	6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		0.9	0.9	<0.5	<0.5
	1/30/2002	4.4	4.6	4.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		1	1	<0.5	<0.5
	2/27/2002	3.4	4.3	4.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<2	1	<0.5	<0.5
	3/20/2002	2.9	4.4	4.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		3	3	<0.5	<0.5
	4/24/2002	3.5	4.5	4.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		0.4	0.4	<0.5	<0.5
	5/22/2002	5.1	5.3	5.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		0.8	0.8	<0.5	<0.5
	6/26/2002	4	4.4	4.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<2	1	<0.5	<0.5
	7/17/2002	4.7	7.1	7.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<2	1	<0.5	<0.5
	8/28/2002	4.9	6.9	6.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		0.7	0.7	<0.5	<0.5
	9/18/2002	3	5	5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<2	1	<0.5	<0.5
	10/16/2002	3	4	4	<1	<1	<1	<1	<1	<1		0.8	0.8	<1	<1
	11/20/2002	3.8	4.9	4.9	<1	<1	<1	<1	<1	<1		<3	1.5	<1	<1
	12/18/2002	6.1	6.2	6.2	<1	<1	<1	<1	<0.3	<1		1.8	1.8	<1	<1
MEC			7.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.5	<5	3	<0.5	<0.5	
MAXIMUM			7.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.5	<5	3	<0.5	<0.5	

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	27	28	29	30	31	32	33	34	35	36	37	38				
Pollutant	1/2 Chloroform	Bromodichloromethane	1/2 bromodichloromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethylene	1,2-Dichloropropane	1,3-Dichloropropylene	Ethylbenzene	Methyl bromide (BROMOMETHANE)	Methyl chloride (CHLOROMETHANE)	Methylenechloride 1/2 methylene chloride	1,1,2,2-Tetrachloroethane	Tetrachloroethylene		
MINIMUM		2.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.38	<0.5	<0.5		
DETECTS		22	0	0	0	0	0	0	0	1	0	10	0	0		
COUNT		29	18	18	18	18	18	18	20	19	2	29	18	18		
% NONDETECT		24.13793	100	100	100	100	100	100	100	94.73684	100	65.51724	100	100		
ST DEVIATION	1.784112	1.361602	1.558767	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.75638	1.401016	#DIV/0!	#DIV/0!	
AVERAGE	4.634483	4.840909	4.275862	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.5	#DIV/0!	1.11	1.695517	#DIV/0!	#DIV/0!
CV	0.384965	0.36455	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.826306	#DIV/0!	#DIV/0!		
Default CV	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.6	0.6		
ECA multipliers Table 1																
CV^2 +1	1.16	1.16	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.64	1.36	1.36		
Sigma	0.385253	0.385253	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.703346	0.554513	0.554513		
Sigma ^2	0.14842	0.14842	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.494696	0.307485	0.307485		
Sigma 4	0.198042	0.198042	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.385253	0.29356	0.29356		
Sigma 4 ^2	0.039221	0.039221	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.14842	0.086178	0.086178		
Z 99 %ile	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326		
0.5*Sigma^2	0.07421	0.07421	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.247348	0.153742	0.153742		
Z99% *Sigma	0.896099	0.896099	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.635984	1.289797	1.289797		
ECA Acute 99 multiplier	0.439601	0.439601	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.249415	0.321083	0.321083		
0.5*Sigma 4 ^2	0.01961	0.01961	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.07421	0.043089	0.043089		
Z99%ile*Sigma 4	0.460646	0.460646	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.896099	0.682821	0.682821		
ECA Chronic99 multiplier	0.64337	0.64337	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.439601	0.527433	0.527433		
Z 95%ile	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645		
Z95% *Sigma 4	0.325779	0.325779	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.633741	0.482907	0.482907		
0.5*sigma 4 ^2	0.01961	0.01961	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.07421	0.043089	0.043089		
AMEL multiplier95	1.358212	1.358212	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.749852	1.552425	1.552425		
Z99% *Sigma	0.896099	0.896099	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.635984	1.289797	1.289797		
0.5* sigma^2	0.07421	0.07421	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.247348	0.153742	0.153742		
MDEL multiplier99	2.274793	2.274793	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	4.009377	3.114457	3.114457		
MDEL/AMEL Multiplier	1.674844	1.674844	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.291265	2.006189	2.006189		

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	39	40	41	42	43	44	45	46	47	48	49	50	51	52
Pollutant	Toluene	1,2-Trans-Dichloroethylene	1,1,1-Trichloroethane	1,1,2-trichloroethane	Trichloroethylene	Vinyl chloride	2-chlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	4,6-dinitro-o-resol (aka2-methyl-4,6-Dinitrophenol)	2,4-dinitrophenol	2-nitrophenol	4-nitrophenol	3-Methyl-4-Chlorophenol (aka P-chloro-m-resol)
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
02/06/96	<5	2.5												
08/12/96	<5	2.5												
2/10/1997	<5	2.5												
8/18/1997	<5	2												
02/23/98	<5	2.5												
08/05/98	<5	2.5												
2/3/1999	<5	2												
8/18/1999	<0.5	0.25												
2/2/2000	10	10												
8/9/2000	<5	2.5												
2/21/2001	<5	2.5												
7/25/2001	<0.5	0.25	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
8/29/2001	<0.5	0.25	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
9/19/2001	2.8	2.8	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
10/24/2001	<0.5	0.25	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
11/14/2001	0.9	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
12/5/2001	0.9	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
1/30/2002	5.2	5.2	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
2/27/2002	8.8	8.8	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
3/20/2002	<0.5	0.25	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
4/24/2002	2	2	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
5/22/2002	5.7	5.7	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
6/26/2002	4.3	4.3	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
7/17/2002	2.9	2.9	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
8/28/2002	1	1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
9/18/2002	<0.5	0.25	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
10/16/2002	<1		<1	<1	<1	<1	<1	<5	<5	<2	<5	<5	<5	<1
11/20/2002	1.3		<1	<1	<1	<1	<1	<5	<5	<2	<5	<5	<5	<1
12/18/2002	1.8		<1	<1	<1	<1	<1	<5	<5	<2	<5	<5	<5	<1
MEC	10	10	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1
MAXIMUM	10	10	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<1

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	39	40	41	42	43	44	45	46	47	48	49	50	51	52
Pollutant	Toluene	1,2-Trans-Dichloroethylene	1,1,1-Trichloroethane	1,1,2-trichloroethane	Trichloroethylene	Vinyl chloride	2-chlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	4,6-dinitro-o-resol (aka2-methyl-4,6-Dinitrophenol)	2,4-dinitrophenol	2-nitrophenol	4-nitrophenol	3-Methyl-4-Chlorophenol (aka P-chloro-m-resol)
MINIMUM	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<2	<5	<5	<5	<5	<1
DETECTS	13	26	0	0	0	0	0	0	0	0	0	0	0	0
COUNT	29	26	18	18	18	18	18	18	18	18	18	18	18	18
% NONDETECT	55.17241	0	100	100	100	100	100	100	100	100	100	100	100	100
ST DEVIATION	3.013453	2.491703	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE	3.661538	2.596154	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CV		0.959767	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Default CV		1	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1														
CV^2 +1		2	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Sigma		0.832555	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513
Sigma ^2		0.693147	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485
Sigma 4		0.472381	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356
Sigma 4 ^2		0.223144	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178
Z 99 %ile		2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326
0.5*Sigma^2		0.346574	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742
Z99% *Sigma		1.936522	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797
ECA Acute 99 multiplier		0.203936	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083
0.5*Sigma 4 ^2		0.111572	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089
Z99%ile*Sigma 4		1.098758	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821
ECA Chronic99 multiplier		0.372624	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433
Z 95%ile		1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645
Z95% *Sigma 4		0.777066	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907
0.5*sigma 4 ^2		0.111572	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089
AMEL multiplier95		1.945452	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425
Z99% *Sigma		1.936522	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797
0.5* sigma^2		0.346574	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742
MDEL multiplier99		4.903496	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457
MDEL/AMEL Multiplier		2.520491	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	
Pollutant	Pentachlorophenol	Phenol	2,4,6-trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benidine	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(ghi)Perylene	Benzo(k)Fluoranthene	Bis(2-Chloroethoxy)Methane	Bis(2-Chloroethyl)Ether	Bis(2-Chloroisopropyl) Ether	
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L									
02/06/96			<10													
08/12/96			<10													
2/10/1997			<10													
8/18/1997			Δ5													
02/23/98			Δ5													
08/05/98			Δ5													
2/3/1999			Δ5													
8/18/1999			Δ5													
2/2/2000			Δ5													
8/9/2000			Δ5													
2/21/2001			Δ5													
7/25/2001	<1	<1	Δ5	<1	<1	<0.1	<5	<0.1	<0.1	<0.2	<0.2	<0.1	Δ5	<1	<2	
8/29/2001	<1	<1	Δ5	<1	<1	<0.1	<5	<0.1	<0.1	<0.2	<0.2	<0.1	Δ5	<1	<2	
9/19/2001	<1	<1	Δ5	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2	
10/24/2001	<1	<1	Δ5	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2	
11/14/2001	<1	<1	Δ5	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2	
12/5/2001	<1	<1		0.3	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2
1/30/2002	<1	<1		0.3	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2
2/27/2002	<1	<1	Δ5	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2	
3/20/2002	<1	<1	Δ5	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2	
4/24/2002	<1	<1		0.6	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2
5/22/2002	<1	<1	Δ5	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2	
6/26/2002	<1	<1		0.22	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2
7/17/2002	<1	<1	Δ5	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2	
8/28/2002	<1	<1	Δ5	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2	
9/18/2002	<1	<1	Δ5	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2	
10/16/2002	<1	<1	Δ5	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2	
11/20/2002	<1	<1	Δ5	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2	
12/18/2002	<1	<1	Δ5	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2	
MEC	<1	<1		0.6	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2
MAXIMUM	<1	<1		0.6	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	Δ5	<1	<2

TABLE D1
 Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
Pollutant	Pentachlorophenol	Phenol	2,4,6-trichlorophenol	Acenaphthene	Acenaphthylene	Anthracene	Benidine	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(ghi)Perylene	Benzo(k)Fluoranthene	Bis(2-Chloroethoxy)Methane	Bis(2-Chloroethyl)Ether	Bis(2-Chloroisopropyl) Ether
MINIMUM	<1	<1	0.3	<0.3	<0.2	<0.2	<5	<0.3	<0.3	<0.3	<0.1	<0.3	<5	<1	<2
DETECTS	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
COUNT	18	18	29	18	18	18	18	18	18	18	18	18	18	18	18
% NONDETECT	100	100	86.2069	100	100	100	100	100	100	100	100	100	100	100	100
ST DEVIATION	#DIV/0!	#DIV/0!	0.167631	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE	#DIV/0!	#DIV/0!	0.355	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CV	#DIV/0!	#DIV/0!	0.472199	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Default CV	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1															
CV^2 +1	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Sigma	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513
Sigma ^2	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485
Sigma 4	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356
Sigma 4 ^2	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178
Z 99 %ile	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326
0.5*Sigma^2	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742
Z99% *Sigma	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797
ECA Acute 99 multiplier	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083
0.5*Sigma 4 ^2	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089
Z99%ile*Sigma 4	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821
ECA Chronic99 multiplier	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433
Z 95%ile	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645
Z95% *Sigma 4	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907
0.5*sigma 4 ^2	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089
AMEL multiplier95	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425
Z99% *Sigma	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797
0.5* sigma^2	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742
MDEL multiplier99	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457
MDEL/AMEL Multiplier	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	68	69	70	71	72	73	74	75	76	77	78	79	80		
Pollutant	Diethylhexyl phthalate [a.k.a.Bis(2-Ethylhexyl) Phthalate]	1/2 Bis(2-Ethylhexyl) phthalate	4-Bromophenyl Phenyl Ethere	Butylbenzyl Phthalate	2-Chloronaphthalene	4-Chlorophenyl Phenyl Ethere	Chrysene	Dibenzo(a,h)Anthracene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1/2 1,4-Dichlorobenzene	3,3'-Dichlorobenzidine	Diethyl Phthalate	Dimethyl Phthalate
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
02/06/96	<2	1										1.5			
08/12/96	<2	1										1.5			
2/10/1997	<2	1										1.5			
8/18/1997															
02/23/98	<5	2.5										2.5			
08/05/98	13	13										2.5			
2/3/1999	<5	2.5										2.5			
8/18/1999	<10	5										5			
2/2/2000	<10	5										5			
8/9/2000	<5	2.5										2.5			
2/21/2001	<5	2.5										2.5			
7/25/2001	<0.3	0.15	<5	<5	<5	<5	<0.1	<0.2	<0.5	<0.5	<0.5	0.25	<5	<2	<2
8/29/2001	<0.3	0.15	<5	<5	<5	<5	<0.1	<0.2	<0.5	<0.5	<0.5	0.25	<5	<2	<2
9/19/2001	<0.3	0.15	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	<0.5	0.25	<5	<2	<2
10/24/2001	0.7	0.7	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	<0.5	0.25	<5	<2	<2
11/14/2001	0.8	0.8	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	<0.5	0.25	<5	<2	<2
12/5/2001	0.5	0.5	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	<0.5	0.25	<5	<2	<2
1/30/2002	0.8	0.8	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	<0.5	0.25	<5	<2	<2
2/27/2002	1	1	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	0.4	0.4	<5	<2	<2
3/20/2002	<0.3	0.15	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	0.4	0.4	<5	<2	<2
4/24/2002	0.5	0.5	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	0.3	0.3	<5	<2	<2
5/22/2002	<0.3	0.15	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	0.4	0.4	<5	<2	<2
6/26/2002	0.4	0.4	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	<0.5	0.25	<5	<2	<2
7/17/2002	<0.3	0.15	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	0.3	0.3	<5	<2	<2
8/28/2002	1	1	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	0.4	0.4	<5	<2	<2
9/18/2002	<0.3	0.15	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	0.3	0.3	<5	<2	<2
10/16/2002	<5	2.5	<5	<5	<5	<5	<0.3	<0.1	<0.5	<1	0.3	0.3	<5	<2	<2
11/20/2002	<5	2.5	<5	<5	<5	<5	<0.3	<0.1	<0.5	<1	<1	0.5	<5	<2	<2
12/18/2002	<5	2.5	<5	<5	<5	<5	<0.3	<0.1	<0.5	<1	<1	0.5	<5	<2	<2
MEC	13	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5		0.4	<5	<2	<2	
MAXIMUM	13	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5		0.4	<5	<2	<2	

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, C1#1278)

CTR #	68	69	70	71	72	73	74	75	76	77	78	79	80		
Pollutant	Diethylhexyl phthalate [a.k.a.Bis(2-Ethylhexyl) Phthalate]	1/2 Bis(2-Ethylhexyl) phthalate	4-Bromophenyl Phenyl Ether	Butylbenzyl Phthalate	2-Chloronaphthalene	4-Chlorophenyl Phenyl Ether	Chrysene	Dibenzo(a,h)Anthracene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1/2 1,4-Dichlorobenzene	3,3'-Dichlorobenzidine	Diethyl Phthalate	Dimethyl Phthalate
MINIMUM	<0.3	<5	<5	<5	<5	<0.3	<0.1	<0.5	<0.5	<0.5	<0.5	<5	<2	<2	
DETECTS	9	0	0	0	0	0	0	0	0	0	8	0	0	0	0
COUNT	28	18	18	18	18	18	18	18	18	18	28	18	18	18	18
% NONDETECT	67.85714	100	100	100	100	100	100	100	100	100	71.42857	100	100	100	100
ST DEVIATION	4.101456	2.583113	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.053452	1.382123	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE	2.077778	1.794643	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.35	1.171429	#DIV/0!	#DIV/0!	#DIV/0!
CV	1.973963	1.439346	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.152721	1.179861	#DIV/0!	#DIV/0!	#DIV/0!
Default CV		1.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.1	0.6	0.6	0.6	0.6
ECA multipliers Table 1															
CV^2 +1		3.56	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36		2.21	1.36		1.36
Sigma		1.126837	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.890501	0.554513		0.554513	0.554513
Sigma ^2		1.269761	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.792993	0.307485		0.307485	0.307485
Sigma 4		0.703346	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.514087	0.29356		0.29356	0.29356
Sigma 4 ^2		0.494696	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.264285	0.086178		0.086178	0.086178
Z 99 %ile		2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326		2.326	2.326
0.5*Sigma^2		0.63488	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.396496	0.153742		0.153742	0.153742
Z99% *Sigma		2.621022	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	2.071306	1.289797		1.289797	1.289797
ECA Acute 99 multiplier		0.137224	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083		0.187344	0.321083		0.321083
0.5*Sigma 4 ^2		0.247348	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089		0.132143	0.043089		0.043089
Z99%ile*Sigma 4		1.635984	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821		1.195766	0.682821		0.682821
ECA Chronic99 multiplier		0.249415	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433		0.345203	0.527433		0.527433
Z 95%ile		1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645		1.645	1.645		1.645
Z95% *Sigma 4		1.157005	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907		0.845673	0.482907		0.482907
0.5*sigma 4 ^2		0.247348	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089		0.132143	0.043089		0.043089
AMEL multiplier95		2.48347	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425		2.041185	1.552425		1.552425
Z99% *Sigma		2.621022	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797		2.071306	1.289797		1.289797
0.5* sigma^2		0.63488	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742		0.396496	0.153742		0.153742
MDEL multiplier99		7.287361	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457		5.337779	3.114457		3.114457
MDEL/AMEL Multiplier		2.934346	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189		2.61504	2.006189		2.006189

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
Pollutant	Di-n-Butyl Phthalate	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-Octyl Phthalate	1,2-Diphenylhydrazine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)Pyrene	Isophorone	Napthalene	Nitrobenzene
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
02/06/96															
08/12/96															
2/10/1997															
8/18/1997															
02/23/98															
08/05/98															
2/3/1999															
8/18/1999															
2/2/2000															
8/9/2000															
2/21/2001															
7/25/2001	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
8/29/2001	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
9/19/2001	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
10/24/2001	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
11/14/2001	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
12/5/2001	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
1/30/2002	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
2/27/2002	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
3/20/2002	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
4/24/2002	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
5/22/2002	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
6/26/2002	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
7/17/2002	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
8/28/2002	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
9/18/2002	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
10/16/2002	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
11/20/2002	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
12/18/2002	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
MEC	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
MAXIMUM	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
Pollutant	Di-n-Butyl Phthalate	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-Octyl Phthalate	1,2-Diphenylhydrazine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)Pyrene	Isophorone	Napthalene	Nitrobenzene
MINIMUM	<5	<5	<5	<5	<1	<0.05	<0.1	<1	<1	<5	<1	<0.05	<1	<0.2	<1
DETECTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COUNT	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
% NONDETECT	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
ST DEVIATION	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CV	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Default CV	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1															
CV^2 +1	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Sigma	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513
Sigma ^2	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485
Sigma 4	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356
Sigma 4 ^2	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178
Z 99 %ile	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326
0.5*Sigma^2	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742
Z99% *Sigma	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797
ECA Acute 99 multiplier	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083
0.5*Sigma 4 ^2	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089
Z99%ile*Sigma 4	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821
ECA Chronic99 multiplier	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433
Z 95%ile	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645
Z95% *Sigma 4	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907
0.5*sigma 4 ^2	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089
AMEL multiplier95	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425
Z99% *Sigma	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797
0.5* sigma^2	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742
MDEL multiplier99	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457
MDEL/AMEL Multiplier	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110
Pollutant	N-Nitrosodimethylamine	N-Nitrosodi-n-Propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	Aldrin	alpha-BHC	beta-BHC	LINDANE (GAMMA-BHC)	delta-BHC	Chlordane	4,4'-DDT	4,4'-DDE	4,4'-DDD
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
02/06/96										<0.01				<0.01	<0.01
08/12/96										<0.01				<0.01	<0.01
2/10/1997										<0.01				<0.01	<0.01
8/18/1997										<0.01				<0.01	<0.01
02/23/98										<0.01				<0.01	<0.01
08/05/98										0.0044				0.188	0.0064
2/3/1999										0.01				0.057	0.002
8/18/1999										<0.1				<0.1	<0.4
2/2/2000										<0.1				<0.1	<0.4
8/9/2000										<0.01				<0.01	<0.01
2/21/2001										<0.01				<0.01	<0.01
7/25/2001	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
8/29/2001	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
9/19/2001	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
10/24/2001	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
11/14/2001	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
12/5/2001	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
1/30/2002	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
2/27/2002	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
3/20/2002	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
4/24/2002	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
5/22/2002	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
6/26/2002	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
7/17/2002	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
8/28/2002	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
9/18/2002	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
10/16/2002	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
11/20/2002	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
12/18/2002	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	<0.01	<0.005	<0.02	<0.01	<0.01	<0.01
MEC	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	0.01	<0.005	<0.02	<0.01	0.188	0.0064
MAXIMUM	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	0.01	<0.005	<0.02	<0.01	0.188	0.0064

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110
Pollutant	N-Nitrosodimethylamine	N-Nitrosodi-n-Propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	Aldrin	alpha-BHC	beta-BHC	LINDANE (GAMMA-BHC)	delta-BHC	Chlordane	4,4'-DDT	4,4'-DDE	4,4'-DDD
MINIMUM	<5	<5	<1	<0.05	<0.05	<5	<0.005	<0.01	<0.005	0.0044	<0.005	<0.02	<0.01	0.057	0.002
DETECTS	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2
COUNT	18	18	18	18	18	18	18	18	18	29	18	18	18	29	29
% NONDETECT	100	100	100	100	100	100	100	100	100	93.1034483	100	100	100	93.10345	93.103448
ST DEVIATION	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.0039598	#DIV/0!	#DIV/0!	#DIV/0!	0.092631	0.0031113
AVERAGE	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.0072	#DIV/0!	#DIV/0!	#DIV/0!	0.1225	0.0042
CV	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.54997194	#DIV/0!	#DIV/0!	#DIV/0!	0.756171	0.7407785
Default CV	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1															
CV^2 +1	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Sigma	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.55451303	0.554513	0.554513	0.554513	0.554513	0.554513
Sigma ^2	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.3074847	0.307485	0.307485	0.307485	0.307485	0.3074847
Sigma 4	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356038	0.29356	0.29356	0.29356	0.29356	0.2935604
Sigma 4 ^2	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.0861777	0.086178	0.086178	0.086178	0.086178	0.0861777
Z 99 %ile	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326
0.5*Sigma^2	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.15374235	0.153742	0.153742	0.153742	0.153742	0.1537423
Z99% *Sigma	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.28979731	1.289797	1.289797	1.289797	1.289797	1.2897973
ECA Acute 99 multiplier	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.32108321	0.321083	0.321083	0.321083	0.321083	0.3210832
0.5*Sigma 4 ^2	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.04308885	0.043089	0.043089	0.043089	0.043089	0.0430888
Z99%ile*Sigma 4	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.68282144	0.682821	0.682821	0.682821	0.682821	0.6828214
ECA Chronic99 multiplier	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.52743344	0.527433	0.527433	0.527433	0.527433	0.5274334
Z 95%ile	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645
Z95% *Sigma 4	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.48290682	0.482907	0.482907	0.482907	0.482907	0.4829068
0.5*sigma 4 ^2	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.04308885	0.043089	0.043089	0.043089	0.043089	0.0430888
AMEL multiplier95	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.55242461	1.552425	1.552425	1.552425	1.552425	1.5524246
Z99% *Sigma	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.28979731	1.289797	1.289797	1.289797	1.289797	1.2897973
0.5* sigma^2	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.15374235	0.153742	0.153742	0.153742	0.153742	0.1537423
MDEL multiplier99	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.11445743	3.114457	3.114457	3.114457	3.114457	3.1144574
MDEL/AMEL Multiplier	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.00618916	2.006189	2.006189	2.006189	2.006189	2.0061892

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
Pollutant	Dieldrin	alpha-Endosulfan	beta-Endosulfan	Endosulfan Sulfate	Endrin	Endrin Aldehyde	Heptachlor	Heptachlor Epoxide	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
02/06/96															<1
08/12/96															<1
2/10/1997															<1
8/18/1997															<1
02/23/98															<1
08/05/98															0.031
2/3/1999															<0.01
8/18/1999															<4
2/2/2000															<4
8/9/2000															<2.5
2/21/2001															<2.5
7/25/2001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
8/29/2001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
9/19/2001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10/24/2001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
11/14/2001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
12/5/2001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1/30/2002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2/27/2002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
3/20/2002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4/24/2002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
5/22/2002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
6/26/2002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
7/17/2002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
8/28/2002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
9/18/2002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
10/16/2002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
11/20/2002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
12/18/2002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MEC	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	0.031	<0.1
MAXIMUM	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	0.031	<0.1

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
Pollutant	Dieldrin	alpha-Endosulfan	beta-Endosulfan	Endosulfan Sulfate	Endrin	Endrin Aldehyde	Heptachlor	Heptachlor Epoxide	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
MINIMUM	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DETECTS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
COUNT	18	18	18	18	18	18	18	18	18	18	18	18	18	29	18
% NONDETECT	100	100	100	100	100	100	100	100	100	100	100	100	100	96.55172	100
ST DEVIATION	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.031	#DIV/0!
CV	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Default CV	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1															
CV^2 +1	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Sigma	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513
Sigma ^2	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485
Sigma 4	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356
Sigma 4 ^2	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178	0.086178
Z 99 %ile	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326
0.5*Sigma^2	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742
Z99% *Sigma	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797
ECA Acute 99 multiplier	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083
0.5*Sigma 4 ^2	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089
Z99%ile*Sigma 4	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821
ECA Chronic99 multiplier	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433	0.527433
Z 95%ile	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645
Z95% *Sigma 4	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907
0.5*sigma 4 ^2	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089
AMEL multiplier95	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425
Z99% *Sigma	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797
0.5* sigma^2	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742
MDEL multiplier99	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457
MDEL/AMEL Multiplier	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189

TABLE D1

Effluent Data
Camarillo Sanitary District
Camarillo Water Reclamation Plant
(CA0053597, CI#1278)

CTR #	126
Pollutant	Toxaphene
Units	ug/L
02/06/96	
08/12/96	
2/10/1997	
8/18/1997	
02/23/98	
08/05/98	
2/3/1999	
8/18/1999	
2/2/2000	
8/9/2000	
2/21/2001	
7/25/2001	<0.5
8/29/2001	<0.5
9/19/2001	<0.5
10/24/2001	<0.5
11/14/2001	<0.5
12/5/2001	<0.5
1/30/2002	<0.5
2/27/2002	<0.5
3/20/2002	<0.5
4/24/2002	<0.5
5/22/2002	<0.5
6/26/2002	<0.5
7/17/2002	<0.5
8/28/2002	<0.5
9/18/2002	<0.4
10/16/2002	<0.5
11/20/2002	<0.5
12/18/2002	<0.5
MEC	<0.4
MAXIMUM	<0.4

TABLE D1

Effluent Data
 Camarillo Sanitary District
 Camarillo Water Reclamation Plant
 (CA0053597, CI#1278)

CTR #	126
	Toxaphene
Pollutant	
MINIMUM	<0.4
DETECTS	0
COUNT	18
% NONDETECT	100
ST DEVIATION	#DIV/0!
AVERAGE	#DIV/0!
CV	#DIV/0!
Default CV	0.6
ECA multipliers Table 1	
CV^2 +1	1.36
Sigma	0.554513
Sigma ^2	0.307485
Sigma 4	0.29356
Sigma 4 ^2	0.086178
Z 99 %ile	2.326
0.5*Sigma^2	0.153742
Z99% *Sigma	1.289797
ECA Acute 99 multiplier	0.321083
0.5*Sigma 4 ^2	0.043089
Z99%ile*Sigma 4	0.682821
ECA Chronic99 multiplier	0.527433
Z 95%ile	1.645
Z95% *Sigma 4	0.482907
0.5*sigma 4 ^2	0.043089
AMEL multiplier95	1.552425
Z99% *Sigma	1.289797
0.5* sigma^2	0.153742
MDEL multiplier99	3.114457
MDEL/AMEL Multiplier	2.006189