

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #			1	2		3	4		5A			
Pollutant	Type of Report (I = interim monitoring, P = Pretreatment)	Aluminum	Antimony	1/2 Antimony	Arsenic	1/2 Arsenic	Barium	Beryllium	Cadmium	1/2 Cadmium	Chromium III	1/2 Chromium III
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
2/2/96		59.8	<1	0.5	2.03	2.03	16.9	<0.2	0.87	0.87		
2/1/96	P											
2/8/96												
5/2/96		54.1	<1	0.5	1.3	1.3	15.4	<0.2	0.1	0.1		
8/1/96	P											
2/1/97	P		<0.1	0.05	<0.1	0.05		<0.02				
8/1/97	P		<0.1	0.005	<0.1	0.05		<0.02	<0.02	0.01		
2/19/98	P		<1	0.5	<2	1		<0.2	<4			
8/13/98	P		<1	0.5	<2	1		<0.2	<4			
7/1/98												
8/5/98					1.2	1.2			0.13	0.13		
9/2/98												
10/7/98												
11/05/98					2	2			0.14	0.14		
12/02/98												
01/06/99												
02/03/99					3.1	3.1			0.27	0.27		
02/16/99	P		<1	0.5	<2	1		<0.2	<4			
03/03/99												
04/07/99												
05/05/99					2.9	2.9			0.64	0.64		
6/2/99												
8/19/99	P		<1	0.5	<2	1		<0.2	<4			
2/8/00	P		<1	0.5	<2	1		<0.2	<4			
8/8/00	P		<1	0.5	<2	1		<0.2	<4			
2/8/01	P		<1	0.5	<0.5	0.25		<0.2	<1			
8/8/01	P		<1	0.5	<0.5	0.25		<0.2	<1			
04/16/02	I		0.5	0.5	<2	1		<0.2	<0.2	0.1	3	3
04/23/02	I		1	1	<2	1		<0.2	<0.2	0.1	1	1
05/07/02	I		0.8	0.8	<2	1		<0.2	<0.2	0.1	1	1
05/23/02	I		0.5	0.5	<2	1		<0.2	<0.2	0.1	1	1
06/04/02	I		0.5	0.5	<2	1		<0.2	<0.2	0.1	1	1
06/18/02	I		0.6	0.6	<2	1		<0.2	0.3	0.3	1	1
07/02/02	I		0.6	0.6	2	2		<0.2	<0.2	0.1	<1	0.5
07/23/02	I		0.6	0.6	<2	1		<0.2	0.4	0.4	2	2
08/06/02	I		0.9	0.9	<2	1		<0.2	<0.2	0.1	2	2
8/20/02	I		0.9	0.9	<2	1		<0.2	<0.2	0.1	2	2
9/3/02	I		1.2	1.2	<2	1		<0.2	<0.2	0.1	8	8
9/18/02	I		1.5	1.5	<2	1		<0.2	<0.2	0.1	2	2
10/1/02	I		1.2	1.2	<2	1		<0.2	<0.2	0.1	2	2
10/22/02	I		0.7	0.7	<2	1		<0.2	<0.2	0.1	<1	0.5
11/12/02	I		0.6	0.6	<2	1		<0.2	<0.2	0.1	3	3
11/26/02	I		0.5	0.5	<2	1		<0.2	<0.2	0.1	1	1
12/3/02	I		<0.5	0.25	<2	1		<0.2	<0.2	0.1	<1	0.5
12/19/02	I		0.6	0.6	<2	1		<0.2	<0.2	0.1	2	2
MEC		59.8	1.5		3.1		16.9	<0.02	0.87		8	
MAXIMUM		59.8	1.5		3.1		16.9	<0.2	0.87		8	
MINIMUM		<0.5	<0.1		<0.1		15.4	<0.02	<0.02		<1	
DETECTS		2	17		7		2	0	8		15	
COUNT		2	30	30	34		2	30	33	25	18	18
% NONDETECT		0	43.33333		79.41176		0	100	75.75758		16.66667	

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #	Type of Report (I = Interim monitoring, P = Pretreatment)	Aluminum	Antimony	1/2 Antimony	Arsenic	1/2 Arsenic	Barium	Beryllium	Cadmium	1/2 Cadmium	Chromium III	1/2 Chromium III
Pollutant												
ST DEVIATION		4.031	0.299018	0.312417	0.720043	0.642892	1.06066	#DIV/0!	0.272708	0.193685	1.76743	1.72188
AVERAGE		56.95	0.776471	0.616833	2.075714	1.121471	16.15	#DIV/0!		0.1784	2.133333	1.861111
CV		0.071		0.506485	0.346889	0.573258	0.065676	#DIV/0!		1.08568	0.828483	0.925189
Default CV		0.6		0.5		0.6	0.6	0.6		1.1		0.9
ECA multipliers Table 1												
CV^2 +1		1.36		1.25		1.36	1.36	1.36		2.21		1.81
Sigma		0.555		0.472381		0.554513	0.554513	0.554513		0.890501		0.770277
Sigma ^2		0.307		0.223144		0.307485	0.307485	0.307485		0.792993		0.593327
Sigma 4		0.294		0.246221		0.29356	0.29356	0.29356		0.514087		0.429421
Sigma 4 ^2		0.086		0.060625		0.086178	0.086178	0.086178		0.264285		0.184403
Z 99 %ile		2.326		2.326		2.326	2.326	2.326		2.326		2.326
0.5*Sigma^2		0.154		0.111572		0.153742	0.153742	0.153742		0.396496		0.296663
Z99% *Sigma		1.29		1.098758		1.289797	1.289797	1.289797		2.071306		1.791665
ECA Acute 99 multiplier		0.321		0.372624		0.321083	0.321083	0.321083		0.187344		0.224248
0.5*Sigma 4 ^2		0.043		0.030312		0.043089	0.043089	0.043089		0.132143		0.092201
Z99%ile*Sigma 4		0.683		0.572709		0.682821	0.682821	0.682821		1.195766		0.998834
ECA Chronic99 multiplier		0.527		0.581353		0.527433	0.527433	0.527433		0.345203		0.403882
Z 95%ile		1.645		1.645		1.645	1.645	1.645		1.645		1.645
Z95% *Sigma 4		0.483		0.405033		0.482907	0.482907	0.482907		0.845673		0.706398
0.5*sigma 4 ^2		0.043		0.030312		0.043089	0.043089	0.043089		0.132143		0.092201
AMEL multiplier95		1.552		1.454585		1.552425	1.552425	1.552425		2.041185		1.848172
Z99% *Sigma		1.29		1.098758		1.289797	1.289797	1.289797		2.071306		1.791665
0.5* sigma^2		0.154		0.111572		0.153742	0.153742	0.153742		0.396496		0.296663
MDEL multiplier99		3.114		2.683671		3.114457	3.114457	3.114457		5.337779		4.459342
MDEL/AMEL Multiplier		2.006		1.844974		2.006189	2.006189	2.006189		2.61504		2.41284

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CTR #		5B		6				7			8
Pollutant	Type of Report (I = interim monitoring, P= Pretreatment)	Chromium VI	1/2 Chromium VI	Copper	1/2 Copper	Iron	1/2 Iron	Lead	1/2 Lead	Manganese	Mercury
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	2/2/96	2.2	2.2	11.59	11.59	42	42	0.58	0.58	20.3	<0.2
	2/1/96 P										
	2/8/96										
	5/2/96	<1	0.5	4.56	4.56	190	190	1.82	1.82	<30	<0.2
	8/1/96 P										
	2/1/97 P	<0.02	0.01	<0.02	0.01			<0.02	0.01		<1
	8/1/97 P	<0.02	0.01	<0.02	0.01			<0.02	0.01		<1
	2/19/98 P	<7		<1	0.5			<2	1		<0.2
	8/13/98 P	<7		<1	0.5			<2	1		<0.2
	7/1/98					120	120				
	8/5/98	0.35	0.35	1.7	1.7	<50	25	0.58	0.58		0.00277
	9/2/98					<50	25				
	10/7/98					120	120				
	11/05/98	0.42	0.42	1.7	1.7	180	180	0.63	0.63		0.00766
	12/02/98					110	110				
	01/06/99					160	160				
	02/03/99	2.6	2.6	4.10	4.10	190	190	0.53	0.53		0.00234
	02/16/99 P	<7		<1	0.50			<2	1.00		<0.2
	03/03/99					150	150				
	04/07/99					140	140				
	05/05/99	1.4	1.4	2.1	2.1	150	150	0.37	0.37		0.00243
	6/2/99					130	130				
	8/19/99 P	<7		<1	0.5			<2	1		<0.2
	2/8/00 P	<7		1.6	1.6			<2	1		<0.2
	8/8/00 P	<7		<1	0.5			<2	1		<0.2
	2/8/01 P	<1		<1	0.5			<0.5	0.25		<0.2
	8/8/01 P	<1		80	80			<0.5	0.25		<0.2
	04/16/02 I	<10	5	10	10			0.4	0.4		<0.01
	04/23/02 I	10	10	5	5			0.2	0.2		0.02
	05/07/02 I	<10	5	5	5			0.6	0.6		<0.01
	05/23/02 I	<10	5	5	5			0.4	0.4		<0.01
	06/04/02 I	<10	5	5	5			0.4	0.4		0.02
	06/18/02 I	<10	5	4	4			0.4	0.4		<0.01
	07/02/02 I	<10	5	6	6			0.3	0.3		<0.01
	07/23/02 I	<10	5	6	6			0.9	0.9		0.1
	08/06/02 I	<10	5	5	5			0.6	0.6		0.1
	8/20/02 I	<10	5	4	4			0.6	0.6		<0.01
	9/3/02 I	<10	5	13	13			0.6	0.6		0.01
	9/18/02 I	<10	5	12	12			0.4	0.4		<0.01
	10/1/02 I	<10	5	24	24			5.7	5.7		0.05
	10/22/02 I	<10	5	14	14			1.5	1.5		0.02
	11/12/02 I	<10	5	13	13						0.03
	11/26/02 I	<10	5	15	15			0.6	0.6		0.01
	12/3/02 I	<10	5	14	14			2.2	2.2		0.02
	12/19/02 I	<10	5	14	14			2.2	2.2		<0.01
MEC		10		80		190		5.7		20.3	0.1
MAXIMUM		10		80		190		5.7		20.3	0.1
MINIMUM		<0.02		<0.02		42		<0.02		<30	0.00234
DETECTS		6		26		12		23		1	14
COUNT		34		34		14		33		2	34
% NONDETECT		82.35294		23.52941		14.28571		30.30303			58.82352941

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #	Type of Report (I = interim monitoring, P=Pretreatment)	5B		6				7			8
Pollutant		Chromium VI	1/2 Chromium VI	Copper	1/2 Copper	Iron	1/2 Iron	Lead	1/2 Lead	Manganese	Mercury
ST DEVIATION		3.629382	2.324663		13.93465	41.12472	56.39207	1.18186	1.020838	#DIV/0!	0.032958946
AVERAGE		2.828333	3.941923		8.363824	140.1667	123.7143	0.978696	0.879697		
CV		1.283223	0.589728		1.666063	0.293399	0.455825	1.207587	1.160442		
Default CV		0.6	0.6	1.7	1.7		0.5		1.2		
ECA multipliers Table 1											
CV^2 +1			1.36	3.89	3.89		1.25		2.44		
Sigma			0.554513	1.165508	1.165508		0.472381		0.944456		
Sigma ^2			0.307485	1.358409	1.358409		0.223144		0.891998		
Sigma 4			0.29356	0.737412	0.737412		0.246221		0.554513		
Sigma 4 ^2			0.086178	0.543777	0.543777		0.060625		0.307485		
Z 99 %ile			2.326	2.326	2.326		2.326		2.326		
0.5*Sigma^2			0.153742	0.679205	0.679205		0.111572		0.445999		
Z99% *Sigma			1.289797	2.710972	2.710972		1.098758		2.196806		
ECA Acute 99 multiplier			0.321083	0.131104	0.131104		0.372624		0.173634		
0.5*Sigma 4 ^2			0.043089	0.271888	0.271888		0.030312		0.153742		
Z99%ile*Sigma 4			0.682821	1.715221	1.715221		0.572709		1.289797		
ECA Chronic99 multiplier			0.527433	0.23614	0.23614		0.581353		0.321083		
Z 95%ile			1.645	1.645	1.645		1.645		1.645		
Z95% *Sigma 4			0.482907	1.213043	1.213043		0.405033		0.912174		
0.5*sigma 4 ^2			0.043089	0.271888	0.271888		0.030312		0.153742		
AMEL multiplier95			1.552425	2.562939	2.562939		1.454585		2.134925		
Z99% *Sigma			1.289797	2.710972	2.710972		1.098758		2.196806		
0.5* sigma^2			0.153742	0.679205	0.679205		0.111572		0.445999		
MDEL multiplier99			3.114457	7.627555	7.627555		2.683671		5.759247		
MDEL/AMEL Multiplier			2.006189	2.976097	2.976097		1.844974		2.697634		

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CTR #			9		10	11	12	13		14	15	16
Pollutant	Type of Report (I = interim monitoring, P=Pretreatment)	1/2 Mercury ug/L	Nickel ug/L	1/2 Nickel ug/L	Selenium ug/L	Silver ug/L	Thallium ug/L	Zinc ug/L	1/2 Zinc ug/L	Cyanide ug/L	Asbestos ug/L	2,3,7,8-TCDD (Dioxin) ug/L
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
2/2/96		0.1	5.85	5.85	<2	1.41	<1	30	30			
2/1/96	P									<20		
2/8/96												<0.0031
5/2/96		0.1	3.8	3.8	<2	1.12	<1	30	30			<0.0031
8/1/96	P									<10		
2/1/97	P	0.5	<0.02	0.01	<0.1	<0.02	<0.1	40	40			
8/1/97	P	0.5	<0.02	0.01	<0.1	<0.02	<0.1	<20	10			
2/19/98	P		<15	7.5	<2	<0.2	<1	30	30	<20		
8/13/98	P		<15	7.5	<2	<0.2	<1	30	30	<20		
7/1/98												
8/5/98		0.00277	2.5	2.5				31	31			
9/2/98												
10/7/98												
11/05/98		0.00766	6.1	6.1				29	29			
12/02/98												
01/06/99												
02/03/99		0.00234	3.40	3.40								
02/16/99	P		<15	7.50	<2	<0.2	<1	<2	1	<20		
03/03/99								22	22			
04/07/99												
05/05/99		0.00243	9	9				22	22			
6/2/99												
8/19/99	P		<15	7.5	<2	<0.2	<1	30	30	<20		
2/8/00	P		<15	7.5	<2	<0.2	<1	2.2	2.2	<20		
8/8/00	P		<15	7.5	<2	<0.2	<1	7.3	7.3	<5		
2/8/01	P		<1	0.5	<2	<0.2	<1	100	100	<5		
8/8/01	P		<1	0.5	<2	<0.2	<1	110	110	<5		
04/16/02	I	0.005	4	4	<2	<0.25	<0.2	50	50	<10		
04/23/02	I	0.02	3	3	<2	<0.25	<0.2	10	10	<10		
05/07/02	I	0.005	3	3	<2	<0.25	<0.2	30	30	<10		
05/23/02	I	0.005	3	3	<2	<0.25	<0.2	40	40	<10		
06/04/02	I	0.02	3	3	<2	<0.25	<0.2	30	30	<10		
06/18/02	I	0.005	3	3	<2	<0.25	<0.2	30	30	<10		
07/02/02	I	0.005	3	3	<2	<0.25	<0.2	40	40	<10		
07/23/02	I	0.1	4	4	<2	<0.25	<0.2	30	30	<10		
08/06/02	I	0.1	4	4	<2	0.3	<0.2	40	40	<10		
8/20/02	I	0.005	3	3	<2	<0.25	<0.2	40	40	<10		
9/3/02	I	0.01	4	4	<2	<0.25	<0.2	60	60	<10		
9/18/02	I	0.005	7	7	<2	<0.25	<0.2	40	40	<10		
10/1/02	I	0.05	3	3	<2	0.3	<0.2	60	60	<10		
10/22/02	I	0.02	5	5	<2	<0.25	<0.2	80	80	<10		
11/12/02	I	0.03	5	5	<2	<0.25	16	140	140	<10		
11/26/02	I	0.01	6	6	<2	<0.25	<0.2	50	50	<10		
12/3/02	I	0.02	5	5	<2	<0.25	<0.2	60	60	<10		
12/19/02	I	0.005	6	6	<2	6	<0.2	110	110	<10		
MEC			9		<0.1	6		16	140			<0.0031
MAXIMUM			9		<2	6		16	140			<0.0031
MINIMUM			<0.02		<0.1	<0.2	<0.1	<2		<5		<0.0031
DETECTS			24		0	5	1	32		0	0	0
COUNT			26		30	30	30	34		28	0	2
% NONDETECT			29.41176		100	83.33333	96.66667	5.882353		100		100

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CTR #	Type of Report (I = interim monitoring, P= Pretreatment)	9	10	11	12	13	14	15	16			
Pollutant		1/2 Mercury	Nickel	1/2 Nickel	Selenium	Silver	Thallium	Zinc	1/2 Zinc	Cyanide	Asbestos	2,3,7,8-TCDD (Dioxin)
ST DEVIATION		0.133062	1.62005	2.380432	#DIV/0!	2.384907	#DIV/0!	31.42191	31.93172	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE		0.062892	4.360417	4.431471	#DIV/0!	1.826	16	45.42188	43.07353	#DIV/0!	#DIV/0!	#DIV/0!
CV		2.115709	0.371536	0.537165	#DIV/0!	1.306083	#DIV/0!	0.691779	0.74133	#DIV/0!	#DIV/0!	#DIV/0!
Default CV		2.1		0.5	0.6	0.6	0.6		0.7	0.6		0.6
ECA multipliers Table 1												
CV^2 +1		5.41		1.25	1.36	1.36	1.36		1.49	1.36		1.36
Sigma		1.299326		0.472381	0.554513	0.554513	0.554513		0.631487	0.554513		0.554513
Sigma ^2		1.688249		0.223144	0.307485	0.307485	0.307485		0.398776	0.307485		0.307485
Sigma 4		0.862048		0.246221	0.29356	0.29356	0.29356		0.339939	0.29356		0.29356
Sigma 4 ^2		0.743127		0.060625	0.086178	0.086178	0.086178		0.115558	0.086178		0.086178
Z 99 %ile		2.326		2.326	2.326	2.326	2.326		2.326	2.326		2.326
0.5*Sigma^2		0.844125		0.111572	0.153742	0.153742	0.153742		0.199388	0.153742		0.153742
Z99% *Sigma		3.022233		1.098758	1.289797	1.289797	1.289797		1.468839	1.289797		1.289797
ECA Acute 99 multiplier		0.113256		0.372624	0.321083	0.321083	0.321083		0.280986	0.321083		0.321083
0.5*Sigma 4 ^2		0.371564		0.030312	0.043089	0.043089	0.043089		0.057779	0.043089		0.043089
Z99%ile*Sigma 4		2.005124		0.572709	0.682821	0.682821	0.682821		0.790697	0.682821		0.682821
ECA Chronic99 multiplier		0.195233		0.581353	0.527433	0.527433	0.527433		0.480505	0.527433		0.527433
Z 95%ile		1.645		1.645	1.645	1.645	1.645		1.645	1.645		1.645
Z95% *Sigma 4		1.418069		0.405033	0.482907	0.482907	0.482907		0.559199	0.482907		0.482907
0.5*sigma 4 ^2		0.371564		0.030312	0.043089	0.043089	0.043089		0.057779	0.043089		0.043089
AMEL multiplier95		2.847683		1.454585	1.552425	1.552425	1.552425		1.651064	1.552425		1.552425
Z99% *Sigma		3.022233		1.098758	1.289797	1.289797	1.289797		1.468839	1.289797		1.289797
0.5* sigma^2		0.844125		0.111572	0.153742	0.153742	0.153742		0.199388	0.153742		0.153742
MDEL multiplier99		8.829591		2.683671	3.114457	3.114457	3.114457		3.558899	3.114457		3.114457
MDEL/AMEL Multiplier		3.100623		1.844974	2.006189	2.006189	2.006189		2.155518	2.006189		2.006189

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #		17	18	19	20	21	22	23		24	25	26	
Pollutant	Type of Report (I = interim monitoring, P=Pretreatment)	Acrolein	Acrylonitrile	Benzene	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	
2/2/96													
2/1/96	P	<200	<50	<0.5									
2/8/96				<1	<0.5	<0.5		5	5	<1		4.5	
5/2/96				<1	<0.5	<0.5	<1		0.5	<1		9.4	
8/1/96	P	<200	<50	<0.5									
2/1/97	P	<1	<1	<0.5	<1	<0.5	<0.5	3.5	3.5	<1	<1	5	
8/1/97	P	<1	<1	<0.5	<1	<0.5	<0.5	4.5	4.5	<1	<1	6	
2/19/98	P	<1	<1	<0.5	<1	<0.5	<0.5	<0.1	0.05	<1	<1	5.2	
8/13/98	P	<1	<1	<0.5	<1	<0.5	<0.5	<0.5	0.25	<1	<1	<0.5	
7/1/98													
8/5/98													
9/2/98													
10/7/98													
11/05/98													
12/02/98													
01/06/99													
02/03/99													
02/16/99	P	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	0.05	<0.5	<0.1	6	
03/03/99													
04/07/99													
05/05/99													
6/2/99													
8/19/99	P	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	7.7	7.7	<0.5	<0.1	6.1	
2/8/00	P	<0.5	<0.5	<0.1	<0.1	6	<0.1	<0.1	39	39	<0.5	<0.1	4
8/8/00	P	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1		0.05	<0.5	<0.1	<0.1
2/8/01	P	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	2	2	<0.5	<0.1	4.9	
8/8/01	P	<10	<10	<0.5	<0.5	<0.5	<0.5	1.8	1.8	<0.5	<0.5	6.2	
04/16/02	I	<100	<100	<1	<1	<1	<1	3	3	<1	<10	7	
04/23/02	I			<1	<1	<1	<1		0.5	<1	<10	3	
05/07/02	I	<100	<100	<1	<1	<1	<1	2	2	<1	<10	5	
05/23/02	I	<100	<100	<1	2	<1	<1	5	5	<1	<10	3	
06/04/02	I	<100	<100	<1	<1	<1	<1	<1		0.5	<1	<10	8
06/18/02	I	<100	<100	<1	<1	<1	<1	3	3	<1	<10	7	
07/02/02	I	<100	<100	<1	1	<1	<1	6	6	<1	<10	7	
07/23/02	I	<100	<100	<1	<1	<1	<1	<1		0.5	<1	<10	4
08/06/02	I	<100	<100	<1	<1	<1	<1	<1		0.5	<1	<10	4
8/20/02	I	<100	<100	<1	<1	<1	<1	<1		0.5	<1	<10	5
9/3/02	I	<100	<100	<1	<1	<1	<1	<1		0.5	<1	<10	3
9/18/02	I	<100	<100	<1	<1	<1	<1	<1		0.5	<1	<10	4
10/1/02	I	<100	<100	<1	<1	<1	<1	3	3	<1	<10	7	
10/22/02	I	<100	<100	<1	<1	<1	<1	<1		0.5	<1	<10	4
11/12/02	I	<100	<100	<1	<1	<1	<1	1	1	<1	<10	3	
11/26/02	I	<100	<100	<1	<1	<1	<1	<1		0.5	<1	<10	5
12/3/02	I	<100	<100	<1	<1	<1	<1	2	2	<1	<10	4	
12/19/02	I	<100	<100	<1	1	<1	<1	4	4	<1	<10	<1	
MEC		<0.5	<0.5	<0.1	6	<0.1	<0.1	39		<0.5	<0.1	9.4	
MAXIMUM		<200	<200	<1	6	<1	<1	39		<1	<10	9.4	
MINIMUM		<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1		<0.5	<0.1	<0.1	
DETECTS		0	0	0	4	0	0	16		0	0	27	
COUNT		29	29	29	30	30	30	30	30	30	28	30	
% NONDETECT		100	100	100	86.66667	100	100	46.66667		100	100	10	

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #		17	18	19	20	21	22	23		24	25	26
Pollutant	Type of Report (I = interim monitoring, P=Pretreatment)	Acrolein	Acrylonitrile	Benzene	Bromoform	Carbon Tetrachloride	Chlorobenzene	Dibromochloromethane	1/2 Dibromochloromethane	Chloroethane	2-Chloroethylvinyl ether	Chloroform
ST DEVIATION		#DIV/0!	#DIV/0!	#DIV/0!	2.380476	#DIV/0!	#DIV/0!	9.030557	7.049382	#DIV/0!	#DIV/0!	1.643982
AVERAGE		#DIV/0!	#DIV/0!	#DIV/0!	2.5	#DIV/0!	#DIV/0!		3.263333	#DIV/0!	#DIV/0!	5.196296
CV		#DIV/0!	#DIV/0!	#DIV/0!	0.95219	#DIV/0!	#DIV/0!		2.160178	#DIV/0!	#DIV/0!	0.316376
Default CV		0.6	0.6	0.6	0.6	0.6	0.6		2.2	0.6	0.6	
ECA multipliers Table 1												
CV^2 +1		1.36	1.36	1.36	1.36	1.36	1.36		5.84	1.36	1.36	
Sigma		0.554513	0.554513	0.554513	0.554513	0.554513	0.554513		1.328432	0.554513	0.554513	
Sigma ^2		0.307485	0.307485	0.307485	0.307485	0.307485	0.307485		1.764731	0.307485	0.307485	
Sigma 4		0.29356	0.29356	0.29356	0.29356	0.29356	0.29356		0.890501	0.29356	0.29356	
Sigma 4 ^2		0.086178	0.086178	0.086178	0.086178	0.086178	0.086178		0.792993	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	
0.5*Sigma^2		0.153742	0.153742	0.153742	0.153742	0.153742	0.153742		0.882365	0.153742	0.153742	
Z99% *Sigma		1.289797	1.289797	1.289797	1.289797	1.289797	1.289797		3.089932	1.289797	1.289797	
ECA Acute 99 multiplier		0.321083	0.321083	0.321083	0.321083	0.321083	0.321083		0.109968	0.321083	0.321083	
0.5*Sigma 4 ^2		0.043089	0.043089	0.043089	0.043089	0.043089	0.043089		0.396496	0.043089	0.043089	
Z99%ile*Sigma 4		0.682821	0.682821	0.682821	0.682821	0.682821	0.682821		2.071306	0.682821	0.682821	
ECA Chronic99 multiplier		0.527433	0.527433	0.527433	0.527433	0.527433	0.527433		0.187344	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	
Z95% *Sigma 4		0.482907	0.482907	0.482907	0.482907	0.482907	0.482907		1.464875	0.482907	0.482907	
0.5*sigma 4 ^2		0.043089	0.043089	0.043089	0.043089	0.043089	0.043089		0.396496	0.043089	0.043089	
AMEL multiplier95		1.552425	1.552425	1.552425	1.552425	1.552425	1.552425		2.910656	1.552425	1.552425	
Z99% *Sigma		1.289797	1.289797	1.289797	1.289797	1.289797	1.289797		3.089932	1.289797	1.289797	
0.5* sigma^2		0.153742	0.153742	0.153742	0.153742	0.153742	0.153742		0.882365	0.153742	0.153742	
MDEL multiplier99		3.114457	3.114457	3.114457	3.114457	3.114457	3.114457		9.093563	3.114457	3.114457	
MDEL/AMEL Multiplier		2.006189	2.006189	2.006189	2.006189	2.006189	2.006189		3.124232	2.006189	2.006189	

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #			27	27	28	29	30	31	32	33	34	35
Pollutant	Type of Report (I = interim monitoring, P = Pretreatment)	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)
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	2/2/96											
	2/1/96 P											
	2/8/96	4.5	2	2	<1	<1	<1	<1	<1	<0.5	<1	<1
	5/2/96	9.4	4	4	<1	<1	<1	<1	<1	<0.5	<1	<1
	8/1/96 P											
	2/1/97 P	5	4.5	4.5	<0.5	<0.5	<0.5	<0.5		<0.5		
	8/1/97 P	6	5	5	<0.5	<0.5	<0.5	<0.5		<0.5		
	2/19/98 P	5.2	<0.1	0.05	<0.5	<0.5	<0.5	<0.5		<0.5		
	8/13/98 P	0.25	<0.5	0.25	<0.5	<0.5	<0.5	<0.5		<0.5		
	7/1/98											
	8/5/98											
	9/2/98											
	10/7/98											
	11/05/98											
	12/02/98											
	01/06/99											
	02/03/99											
	02/16/99 P	6	<0.1	0.05	<0.1	<0.1	<0.1	<0.1		<0.1		
	03/03/99											
	04/07/99											
	05/05/99											
	6/2/99											
	8/19/99 P	6.1	9.2	9.2	<0.1	<0.1	<0.1	<0.1		<0.1		
	2/8/00 P	4	51	51	<0.1	<0.1	<0.1	<0.1		<0.1		
	8/8/00 P	0.05	<0.1	0.05	<0.1	<0.1	<0.1	<0.1		<0.1		
	2/8/01 P	4.9	<0.1	0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1
	8/8/01 P	6.2	4.8	4.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5
	04/16/02 I	7	6	6	<1	<1	<1	<1	<1	<1	<1	
	04/23/02 I	3	2	2	<1	<1	<1	<1	<1	<1	<1	
	05/07/02 I	5	4	4	<1	<1	<1	<1	<1	<1	<1	
	05/23/02 I	3	5	5	<1	<1	<1	<1	<1	<1	<1	
	06/04/02 I	8	6	6	<1	<1	<1	<1	<1	<1	<1	
	06/18/02 I	7	7	7	<1	<1	<1	<1	<1	<1	<1	
	07/02/02 I	7	9	9	<1	<1	<1	<1	<1	<1	<1	
	07/23/02 I	4	3	3	<1	<1	<1	<1	<1	<1	<1	
	08/06/02 I	4	3	3	<1	<1	<1	<1	<1	<1	<1	
	8/20/02 I	5	4	4	<1	<1	<1	<1	<1	<1	<1	
	9/3/02 I	3	2	2	<1	<1	<1	<1	<1	<1	<1	
	9/18/02 I	4	1	1	<1	<1	<1	<1	<1	<1	<1	
	10/1/02 I	7	7	7	<1	<1	<1	<1	<1	<1	<1	
	10/22/02 I	4	3	3	<1	<1	<1	<1	<1	<1	<1	
	11/12/02 I	3	3	3	<1	<1	<1	<1	<1	<1	<1	
	11/26/02 I	5	4	4	<1	<1	<1	<1	<1	<1	<1	
	12/3/02 I	4	4	4	<1	<1	<1	<1	<1	<1	<1	
	12/19/02 I	0.5	6	6	<1	<1	<1	<1	<1	<1	<1	
	MEC		51		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
	MAXIMUM		51		<1	<1	<1	<1	<1	<1	<1	<1
	MINIMUM		<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1
	DETECTS		25		0	0	0	0	0	0	0	0
	COUNT		30		30	30	30	30	22	30	20	4
	% NONDETECT		16.66667		100	100	100	100	100	100	100	100

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #			27	27	28	29	30	31	32	33	34	35
Pollutant	Type of Report (I = interim monitoring, P = Pretreatment)	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)
ST DEVIATION		2.165439	9.524792	8.986968	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE		4.703333	6.38	5.331667	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CV		0.460405	1.492914	1.685583	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Default CV		0.5		1.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1												
CV^2 +1		1.25		3.89	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Sigma		0.472381		1.165508	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513
Sigma ^2		0.223144		1.358409	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485	0.307485
Sigma 4		0.246221		0.737412	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356	0.29356
Sigma 4 ^2		0.060625		0.543777	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
0.5*Sigma^2		0.111572		0.679205	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742
Z99% *Sigma		1.098758		2.710972	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797
ECA Acute 99 multiplier		0.372624		0.131104	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083	0.321083
0.5*Sigma 4 ^2		0.030312		0.271888	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089
Z99%ile*Sigma 4		0.572709		1.715221	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821	0.682821
ECA Chronic99 multiplier		0.581353		0.23614	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
Z95% *Sigma 4		0.405033		1.213043	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907	0.482907
0.5*sigma 4 ^2		0.030312		0.271888	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089	0.043089
AMEL multiplier95		1.454585		2.562939	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425	1.552425
Z99% *Sigma		1.098758		2.710972	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797	1.289797
0.5* sigma^2		0.111572		0.679205	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742	0.153742
MDEL multiplier99		2.683671		7.627555	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457	3.114457
MDEL/AMEL Multiplier		1.844974		2.976097	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189	2.006189

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #		36	37	38	39	40	41	42	43	44	45	46
Pollutant	Type of Report (I = interim monitoring, P = Pretreatment)	Methylenechloride	1,1,2,2-Tetrachloroethane	Tetrachloroethylene	Toluene	1,2-Trans-Dichloroethylene	1,1,1-Trichloroethane	1,1,2-trichloroethane	Trichloroethylene	Vinyl chloride	2-chlorophenol	2,4-dichlorophenol
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	2/2/96											
	2/1/96 P											
	2/8/96	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<1	<0.5	5.2	
	5/2/96	<0.5	<1	<0.5	<0.5	<1	<0.5	<0.5	<1		<2	
	8/1/96 P											
	2/1/97 P	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<10	<10
	8/1/97 P	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<10	<10
	2/19/98 P	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<10	<10
	8/13/98 P	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<10	<10
	7/1/98											
	8/5/98											
	9/2/98											
	10/7/98											
	11/05/98											
	12/02/98											
	01/06/99											
	02/03/99											
	02/16/99	P <0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<3	<3
	03/03/99											
	04/07/99											
	05/05/99											
	6/2/99											
	8/19/99	P <0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<3	<3
	2/8/00	P <0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<3	<3
	8/8/00	P <0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<3	<3
	2/8/01	P <0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<3	<3
	8/8/01	P <0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<3	<3
	04/16/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	04/23/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	05/07/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	05/23/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	06/04/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	06/18/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	07/02/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	07/23/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	08/06/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	8/20/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	9/3/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	9/18/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	10/1/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	10/22/02	I <1	<1		6 <1	<1	<1	<1	<1	<1	<3	<3
	11/12/02	I <1	<1		2 <1	<1	<1	<1	<1	<1	<3	<3
	11/26/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	12/3/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	12/19/02	I <1	<1	<1	<1	<1	<1	<1	<1	<1	<3	<3
	MEC	<0.1	<0.1		6 <0.1	<0.1	<0.1	<0.1	<0.1	<0.5	5.2	<3
	MAXIMUM	<1	<1		6 <1	<1	<1	<1	<1	<1	5.2	<10
	MINIMUM	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<2	<3
	DETECTS	0	0	2	0	0	0	0	0	0	1	0
	COUNT	30	30	30	30	30	30	30	30	29	30	28
	% NONDETECT	100	100	93.33333	100	100	100	100	100	100	96.66667	100

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #		36	37	38	39	40	41	42	43	44	45	46
Pollutant	Type of Report (I = interim monitoring, P= Pretreatment)	Methylenechloride	1,1,2,2-Tetrachloroethane	Tetrachloroethylene	Toluene	1,2-Trans-Dichloroethylene	1,1,1-Trichloroethane	1,1,2-trichloroethane	Trichloroethylene	Vinyl chloride	2-chlorophenol	2,4-dichlorophenol
ST DEVIATION		#DIV/0!	#DIV/0!	2.828427	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE		#DIV/0!	#DIV/0!	4	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	5.2	#DIV/0!
CV		#DIV/0!	#DIV/0!	0.707107	#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
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
Sigma		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
Sigma 4		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
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		0.153742	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
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
0.5*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
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
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
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		0.482907	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
AMEL multiplier95		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
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
MDEL multiplier99		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

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #		47	48	49	50	51	52	53	54	55	56	57
Pollutant	Type of Report (I = interim monitoring, P = Pretreatment)	2,4-dimethylphenol	4,6-dinitro-o-resol (aka 2-methyl-4,6-Dinitrophenol)	2,4-dinitrophenol	2-nitrophenol	4-nitrophenol	3-Methyl-4-Chlorophenol (aka P-chloro-m-resol)	Pentachlorophenol	Phenol	2,4,6-trichlorophenol	Acenaphthene	Acenaphthylene
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	2/2/96											
	2/1/96 P											
	2/8/96											
	5/2/96											
	8/1/96 P											
	2/1/97 P	<5	<20	<20	<10	<20	<10	<20	<5	<10	<2	<2
	8/1/97 P	<5	<20	<20	<10	<20	<10	<20	<5	<10	<2	<2
	2/19/98 P	<5	<20	<20	<10	<20	<10	<20	<5	<10	<2	<2
	8/13/98 P	<5	<20	<20	<10	<20	<10	<20	<5	<10	<2	<2
	7/1/98											
	8/5/98											
	9/2/98											
	10/7/98											
	11/05/98											
	12/02/98											
	01/06/99											
	02/03/99											
	02/16/99 P	<3	<20	<20	<3	<3	<10	<5	<2	<3	<2	<2
	03/03/99											
	04/07/99											
	05/05/99											
	6/2/99											
	8/19/99 P	<3	<20	<20	<3	<3	<10	<5	<2	<3	<2	<2
	2/8/00 P	<3	<20	<20	<3	<3	<10	<5	<2	<3	<2	<2
	8/8/00 P	<3	<20	<20	<3	<3	<10	<5	<2	<3	<2	<2
	2/8/01 P	<3	<20	<20	<3	<3	<10	<5	<2	<3	<2	<2
	8/8/01 P	<2	<10	<25	<5	<50	<5	<5	<5	<5	<2	<2
	04/16/02 I	<5	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	04/23/02 I	<10	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	05/07/02 I	<10	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	05/23/02 I	<10	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	06/04/02 I	<10	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	06/18/02 I	<10	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	07/02/02 I	<10	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	07/23/02 I	<10	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	08/06/02 I	<10	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	8/20/02 I	<10	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	9/3/02 I	<5	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	9/18/02 I	<5	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	10/1/02 I	<5	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	10/22/02 I	<5	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	11/12/02 I	<5	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	11/26/02 I	<5	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	12/3/02 I	<5	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	12/19/02 I	<5	<5	<10	<10	<10	<5	<5	<5	<10	<2	<10
	MEC	<2	<5	<10	<3	<3	<5	<5	<2	<3	<2	<2
	MAXIMUM	<10	<20	<20	<10	<10	<10	<20	<5	<10	<2	<10
	MINIMUM	<2	<5	<10	<3	<3	<5	<5	<2	<3	<2	<2
	DETECTS	0	0	0	0	0	0	0	0	0	0	0
	COUNT	28	28	28	28	28	28	28	28	28	28	28
	% NONDETECT	100	100	100	100	100	100	100	100	100	100	100

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #		47	48	49	50	51	52	53	54	55	56	57
Pollutant	Type of Report (I = interim monitoring, P=Pretreatment)	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)	Pentachlorophenol	Phenol	2,4,6-trichlorophenol	Acenaphthene	Acenaphthylene
ST DEVIATION		#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!
CV		#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
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
Sigma		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
Sigma 4		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
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		0.153742	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
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
0.5*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
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
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
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		0.482907	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
AMEL multiplier95		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
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
MDEL multiplier99		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

TABLE D1
Effluent Data
 City of Thousand Oaks
 Hill Canyon Wastewater Treatment Plant
 (CA0056294, CI#4917)

CTR #		58	59	60	61	62	63	64	65	66	67	68
Pollutant	Type of Report (I = interim monitoring, P = Pretreatment)	Anthracene	Benzidine	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(k)Fluoranthene	Bis(2-Chloroethoxy)Methane	Bis(2-Chloroethyl)Ether	Bis(2-Chloroisopropyl) Ether	Diethylhexyl phthalate [a.k.a. Bis(2-Ethylhexyl) Phthalate]
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	2/2/96											
	2/1/96 P											
	2/8/96											<10
	5/2/96											20
	8/1/96 P											
	2/1/97 P	<2	<5	<2	<2	<2	<2	<2	<5	<3	<2	1300
	8/1/97 P	<2	<5	<2	<2	<2	<2	<2	<5	<3	<2	7
	2/19/98 P	<2	<5	<2	<2	<2	<2	<2	<5	<3	<2	5
	8/13/98 P	<2	<5	<2	<2	<2	<2	<2	<5	<3	<2	<2
	7/1/98											
	8/5/98											
	9/2/98											
	10/7/98											
	11/05/98											
	12/02/98											
	01/06/99											
	02/03/99											
	02/16/99 P	<2	<4	<2	<2	<2	<2	<2	<5	<2	<2	2
	03/03/99											
	04/07/99											
	05/05/99											
	6/2/99											
	8/19/99 P	<2	<4	<2	<2	<2	<2	<2	<5	<3	<2	<2
	2/8/00 P	<2	<4	<2	<2	<2	<2	<2	<5	<3	<2	<2
	8/8/00 P	<2	<4	<2	<2	<2	<2	<2	<5	<3	<2	<2
	2/8/01 P	<2	<4	<2	<2	<2	<2	<2	<5	<3	<2	<2
	8/8/01 P	<2	<200	<2	<5	<5	<5	<5	<2	<2	<2	68.5
	04/16/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	04/23/02 I	<10	<5	<5	<10	<10	<10	<10	<5	<5	<2	<2
	05/07/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	05/23/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	06/04/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	06/18/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	07/02/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	07/23/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	08/06/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	8/20/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	9/3/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	9/18/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	10/1/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	10/22/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	11/12/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	11/26/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	12/3/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
	12/19/02 I	<10	<5	<5	<10	<10	<5	<10	<5	<5	<2	<2
MEC		<2	<4	<2	<2	<2	<2	<2	<2	<2	<2	1300
MAXIMUM		<10	<200	<5	<10	<10	<10	<10	<5	<5	<2	1300
MINIMUM		<2	<4	<2	<2	<2	<2	<2	<2	<2	<2	<2
DETECTS		0	0	0	0	0	0	0	0	0	0	6
COUNT		28	28	28	28	28	28	28	28	28	28	30
% NONDETECT		100	100	100	100	100	100	100	100	100	100	80

TABLE D1
 Effluent Data
 City of Thousand Oaks
 Hill Canyon Wastewater Treatment Plant
 (CA0056294, CI#4917)

CTR #		58	59	60	61	62	63	64	65	66	67	68
Pollutant	Type of Report (I = interim monitoring, P= Pretreatment)	Anthracene	Benzidine	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(g,h,i)Perylene	Benzo(k)Fluoranthene	Bis(2-Chloroethoxy)Methane	Bis(2-Chloroethyl)Ether	Bis(2-Chloroisopropyl) Ether	Diethylhexyl phthalate [a.k.a. Bis(2-Ethylhexyl) Phthalate]
ST DEVIATION		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	522.9409
AVERAGE		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	233.75
CV		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2.23718
Default CV		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
Sigma		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
Sigma 4		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
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		0.153742	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
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
0.5*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
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
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
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		0.482907	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
AMEL multiplier95		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
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
MDEL multiplier99		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

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #		69	70	71	72	73	74	75	76	77	78	79
Pollutant	Type of Report (I = interim monitoring, P = Pretreatment)	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	3,3'-Dichlorobenzidine	Diethyl Phthalate
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	2/2/96											
	2/1/96 P											
	2/8/96											
	5/2/96											
	8/1/96 P											
	2/1/97 P	<2	<2	<2	<2	<2	<2	<0.5	<0.5	<0.5	<10	<2
	8/1/97 P	<2	<2	<2	<2	<2	<2	<0.5	<0.5	<0.5	<10	<2
	2/19/98 P	<2	<2	<2	<2	<2	<2	<0.5	<0.5	<0.5	<10	<2
	8/13/98 P	<2	<2	<2	<2	<2	<2	<0.5	<0.5	<0.5	<10	<2
	7/1/98											
	8/5/98											
	9/2/98											
	10/7/98											
	11/05/98											
	12/02/98											
	01/06/99											
	02/03/99											
	02/16/99 P	<2	<2	<2	<2	<2	<2	<0.1	<0.1	<0.1	<10	<2
	03/03/99											
	04/07/99											
	05/05/99											
	6/2/99											
	8/19/99 P	<2	<2	<2	<2	<2	<2	<0.1	<0.1	<0.1	<10	<2
	2/8/00 P	<2	<2	<2	<2	<2	<2	<0.1	<0.1	<0.1	<10	<2
	8/8/00 P	<2	<2	<2	<2	<2	<2	<0.1	<0.1	<0.1	<10	<2
	2/8/01 P	<2	<2	<2	<2	<2	<2	<0.1	<0.1	<0.1	<10	<2
	8/8/01 P	<2	<5	<2	<2	<2	<5	<2	<2	<2	<15	9.6
	04/16/02 I	<5	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	04/23/02 I	<5	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	05/07/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	05/23/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	06/04/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	06/18/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	07/02/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	07/23/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	08/06/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	8/20/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	9/3/02 I	<10	<10	<10	<5	<10	<5	<1	<1	<1	<100	<4
	9/18/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<20	<4
	10/1/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	10/22/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	11/12/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	11/26/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	12/3/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
	12/19/02 I	<10	<10	<10	<5	<10	<10	<1	<1	<1	<100	<4
MEC		<2	<2	<2	<2	<2	<2	<0.1	<0.1	<0.1	<10	<2
MAXIMUM		<10	<10	<10	<5	<10	<10	<2	<2	<2	<100	9.6
MINIMUM		<2	<2	<2	<2	<2	<2	<0.1	<0.1	<0.1	<10	9.6
DETECTS		0	0	0	0	0	0	0	0	0	0	1
COUNT		28	28	28	28	28	28	28	28	28	28	28
% NONDETECT		100	100	100	100	100	100	100	100	100	100	96.42857

TABLE D1
 Effluent Data
 City of Thousand Oaks
 Hill Canyon Wastewater Treatment Plant
 (CA0056294, CI#4917)

CTR #		69	70	71	72	73	74	75	76	77	78	79
Pollutant	Type of Report (I = interim monitoring, P= Pretreatment)	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	3,3'-Dichlorobenzidine	Diethyl Phthalate
ST DEVIATION		#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!	9.6
CV		#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
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
Sigma		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
Sigma 4		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
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		0.153742	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
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
0.5*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
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
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
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		0.482907	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
AMEL multiplier95		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
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
MDEL multiplier99		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

TABLE D1
 Effluent Data
 City of Thousand Oaks
 Hill Canyon Wastewater Treatment Plant
 (CA0056294, CI#4917)

CTR #		80	81	82	83	84	85	86	87	88	89	90
Pollutant	Type of Report (I = interim monitoring, P = Pretreatment)	Dimethyl Phthalate	Di-n-Butyl Phthalate	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-Octyl Phthalate	1,2-Diphenylhydrazine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	2/2/96											
	2/1/96 P											
	2/8/96											
	5/2/96											
	8/1/96 P											
	2/1/97 P	<2	<2	<2	<2	<2	<25	<2		<3	<5	<5
	8/1/97 P	<2	<2	<2	<2	<2	<25	<2		<3	<5	<5
	2/19/98 P	<2	<2	<2	<2	<2	<25	<2		<3	<5	<5
	8/13/98 P	<2	<2	<2	<2	<2	<25	<2		<3	<5	<5
	7/1/98											
	8/5/98											
	9/2/98											
	10/7/98											
	11/05/98											
	12/02/98											
	01/06/99											
	02/03/99											
	02/16/99	P <2	<2	<2	<2	<2	<25	<2		<2	<1	<5
	03/03/99											
	04/07/99											
	05/05/99											
	6/2/99											
	8/19/99	P <2	<2	<2	<2	<2	<25	<2		<2	<1	<5
	2/8/00	P <2	<2	<2	<2	<2	<25	<2		<2	<1	<5
	8/8/00	P <2	<2	<2	<2	<2	<25	<2		<2	<1	<5
	2/8/01	P <2	<2	<2	<2	<2	<25	<2		<2	<1	<5
	8/8/01	P <10	<2	<5	<2	<5	<2	<2		<2	<2	<5
	04/16/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	04/23/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	05/07/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	05/23/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	06/04/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	06/18/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	07/02/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	07/23/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	08/06/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	8/20/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	9/3/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	9/18/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	10/1/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	10/22/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	11/12/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	11/26/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	12/3/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	12/19/02	I <2	<10	<5	<5	<10	<2	<2	<10	<2	<1	<5
	MEC	<2	<2	<2	<2	<2	<2	<2	<10	<2	<1	<5
	MAXIMUM	<10	<10	<5	<5	<10	<25	<2	<10	<3	<5	<5
	MINIMUM	<2	<2	<2	<2	<2	<2	<2	<10	<2	<1	<5
	DETECTS	0	0	0	0	0	0	0	0	0	0	0
	COUNT	28	28	28	28	28	28	28	18	28	28	28
	% NONDETECT	100	100	100	100	100	100	100	100	100	100	100

TABLE D1
 Effluent Data
 City of Thousand Oaks
 Hill Canyon Wastewater Treatment Plant
 (CA0056294, CI#4917)

CTR #		80	81	82	83	84	85	86	87	88	89	90
Pollutant	Type of Report (I = interim monitoring, P= Pretreatment)	Dimethyl Phthalate	Di-n-Butyl Phthalate	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-Octyl Phthalate	1,2-Diphenylhydrazine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene
ST DEVIATION		#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!
CV		#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
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
Sigma		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
Sigma 4		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
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		0.153742	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
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
0.5*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
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
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
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		0.482907	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
AMEL multiplier95		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
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
MDEL multiplier99		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

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #		91	92	93	94	95	96	97	98	99	100	101
Pollutant	Type of Report (I = interim monitoring, P = Pretreatment)	Hexachloroethane	Indeno(1,2,3-cd)Pyrene	Isophorone	Naphthalene	Nitrobenzene	N-Nitrosodimethylamine	N-Nitrosodi-n-Propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	2/2/96											
	2/1/96 P											
	2/8/96											
	5/2/96											
	8/1/96 P											
	2/1/97 P	<2	<2	<2	<2	<5	<5	<2	<2	<2	<2	<2
	8/1/97 P	<2	<2	<2	<2	<5	<5	<2	<2	<2	<2	<2
	2/19/98 P	<2	<2	<2	<2	<5	<5	<2	<2	<2	<2	<2
	8/13/98 P	<2	<2	<2	<2	<5	<5	<2	<2	<2	<2	<2
	7/1/98											
	8/5/98											
	9/2/98											
	10/7/98											
	11/05/98											
	12/02/98											
	01/06/99											
	02/03/99											
	02/16/99 P	<1	<2	<2	<2	<2	<1	<1	<1	<2	<2	<2
	03/03/99											
	04/07/99											
	05/05/99											
	6/2/99											
	8/19/99 P	<1	<2	<2	<2	<2	<1	<1	<1	<2	<2	<2
	2/8/00 P	<1	<2	<2	<2	<2	<1	<1	<1	<2	<2	<2
	8/8/00 P	<1	<2	<2	<2	<2	<1	<1	<1	<2	<2	<2
	2/8/01 P	<1	<2	<2	<2	<2	<1	<1	<1	<2	<2	<2
	8/8/01 P	<2	<5	<2	<2	<2	<5	<2	<2	<2	<2	<2
	04/16/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	04/23/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	05/07/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	05/23/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	06/04/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	06/18/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	07/02/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	07/23/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	08/06/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	8/20/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	9/3/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	9/18/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	10/1/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	10/22/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	11/12/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	11/26/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	12/3/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	12/19/02 I	<2	<10	<2	<2	<2	<5	<5	<4	<5	<10	<5
	MEC	<1	<2	<2	<2	<2	<1	<1	<1	<2	<2	<2
	MAXIMUM	<2	<10	<2	<2	<5	<5	<5	<4	<5	<10	<5
	MINIMUM	<1	<2	<2	<2	<2	<1	<1	<1	<2	<2	<2
	DETECTS	0	0	0	0	0	0	0	0	0	0	0
	COUNT	28	28	28	28	28	28	28	28	28	28	28
	% NONDETECT	100	100	100	100	100	100	100	100	100	100	100

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #		91	92	93	94	95	96	97	98	99	100	101
Pollutant	Type of Report (I = interim monitoring, P= Pretreatment)	Hexachloroethane	Indeno(1,2,3-cd)Pyrene	Isophorone	Naphthalene	Nitrobenzene	N-Nitrosodimethylamine	N-Nitrosodi-n-Propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene
ST DEVIATION		#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!
CV		#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
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
Sigma		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
Sigma 4		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
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		0.153742	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
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
0.5*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
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
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
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		0.482907	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
AMEL multiplier95		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
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
MDEL multiplier99		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

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #		102	103	104	105	106	107	108	109	110	111
Pollutant	Type of Report (I = interim monitoring, P = Pretreatment)	Aldrin	alpha-BHC	beta-BHC	LINDANE (GAMMA-BHC)	delta-BHC	Chlordane	4,4'-DDT	4,4'-DDE	4,4'-DDD	Dieldrin
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	2/2/96										
	2/1/96 P										
	2/8/96				<0.05				<0.05	<0.05	
	5/2/96				<0.05				<0.05	<0.05	
	8/1/96 P										
	2/1/97 P	<0.01	<0.01	<0.03	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01
	8/1/97 P	<0.01	<0.01	<0.03	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01
	2/19/98 P	<0.01	<0.01	<0.03	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01
	8/13/98 P	<0.01	<0.01	<0.03	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01
	7/1/98										
	8/5/98				0.0065						<0.001
	9/2/98										
	10/7/98										
	11/05/98				<0.002						<0.001
	12/02/98										
	01/06/99										
	02/03/99				0.008						<0.001
	02/16/99	P <0.001	<0.001	<0.003	<0.001	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001
	03/03/99										
	04/07/99										
	05/05/99				0.0128						<0.001
	6/2/99										
	8/19/99	P <0.001	<0.001	<0.003	<0.001	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001
	2/8/00	P <0.001	<0.001	<0.003	<0.001	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001
	8/8/00	P <0.001	<0.001	<0.003	<0.001	<0.001	<0.1	<0.001	<0.001	<0.001	<0.001
	2/8/01	P <0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	8/8/01	P <0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	04/16/02	I <0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	04/23/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	0.26	<0.01	<0.01
	05/07/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	05/23/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	06/04/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	06/18/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	07/02/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	07/23/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	08/06/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	8/20/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	9/3/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	9/18/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	10/1/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	10/22/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	11/12/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	0.02	<0.01
	11/26/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	12/3/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	12/19/02	I <0.005	<0.01	<0.005	<0.01	<0.005	<0.01	<0.01	<0.01	<0.01	<0.01
	MEC	<0.001	<0.001	<0.003	0.0128	<0.001	<0.001	<0.001	0.26	0.02	<0.001
	MAXIMUM	<0.05	<0.05	<0.05	0.0128	<0.05	<1	<0.05	0.26	0.02	<0.01
	MINIMUM	<0.001	<0.001	<0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	DETECTS	0	0	0	3	0	0	0	1	1	0
	COUNT	28	28	28	34	28	28	28	30	30	28
	% NONDETECT	100	100	100	91.1764706	100	100	100	96.666667	96.666667	100

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #		102	103	104	105	106	107	108	109	110	111
Pollutant	Type of Report (I = interim monitoring, P=Pretreatment)	Aldrin	alpha-BHC	beta-BHC	LINDANE (GAMMA-BHC)	delta-BHC	Chlordane	4,4'-DDT	4,4' -DDE	4,4' -DDD	Dieldrin
ST DEVIATION		#DIV/0!	#DIV/0!	#DIV/0!	0.0032909	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE		#DIV/0!	#DIV/0!	#DIV/0!	0.0091	#DIV/0!	#DIV/0!	#DIV/0!	0.26	0.02	#DIV/0!
CV		#DIV/0!	#DIV/0!	#DIV/0!	0.36163698	#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
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
Sigma		0.554513	0.554513	0.554513	0.55451303	0.554513	0.554513	0.554513	0.554513	0.554513	0.554513
Sigma ^2		0.307485	0.307485	0.307485	0.3074847	0.307485	0.307485	0.307485	0.307485	0.3074847	0.307485
Sigma 4		0.29356	0.29356	0.29356	0.29356038	0.29356	0.29356	0.29356	0.29356	0.2935604	0.29356
Sigma 4 ^2		0.086178	0.086178	0.086178	0.0861777	0.086178	0.086178	0.086178	0.086178	0.0861777	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
0.5*Sigma^2		0.153742	0.153742	0.153742	0.15374235	0.153742	0.153742	0.153742	0.153742	0.1537423	0.153742
Z99% *Sigma		1.289797	1.289797	1.289797	1.28979731	1.289797	1.289797	1.289797	1.289797	1.2897973	1.289797
ECA Acute 99 multiplier		0.321083	0.321083	0.321083	0.32108321	0.321083	0.321083	0.321083	0.321083	0.3210832	0.321083
0.5*Sigma 4 ^2		0.043089	0.043089	0.043089	0.04308885	0.043089	0.043089	0.043089	0.043089	0.0430888	0.043089
Z99%ile*Sigma 4		0.682821	0.682821	0.682821	0.68282144	0.682821	0.682821	0.682821	0.682821	0.6828214	0.682821
ECA Chronic99 multiplier		0.527433	0.527433	0.527433	0.52743344	0.527433	0.527433	0.527433	0.527433	0.5274334	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
Z95% *Sigma 4		0.482907	0.482907	0.482907	0.48290682	0.482907	0.482907	0.482907	0.482907	0.4829068	0.482907
0.5*sigma 4 ^2		0.043089	0.043089	0.043089	0.04308885	0.043089	0.043089	0.043089	0.043089	0.0430888	0.043089
AMEL multiplier95		1.552425	1.552425	1.552425	1.55242461	1.552425	1.552425	1.552425	1.552425	1.5524246	1.552425
Z99% *Sigma		1.289797	1.289797	1.289797	1.28979731	1.289797	1.289797	1.289797	1.289797	1.2897973	1.289797
0.5* sigma^2		0.153742	0.153742	0.153742	0.15374235	0.153742	0.153742	0.153742	0.153742	0.1537423	0.153742
MDEL multiplier99		3.114457	3.114457	3.114457	3.11445743	3.114457	3.114457	3.114457	3.114457	3.1144574	3.114457
MDEL/AMEL Multiplier		2.006189	2.006189	2.006189	2.00618916	2.006189	2.006189	2.006189	2.006189	2.0061892	2.006189

TABLE D1
Effluent Data
City of Thousand Oaks
Hill Canyon Wastewater Treatment Plant
(CA0056294, CI#4917)

CTR #		112	113	114	115	116	117	118	119	120	121	122
Pollutant	Type of Report (I = interim monitoring, P=Pretreatment)	alpha-Endosulfan	beta-Endosulfan	Endosulfan Sulfate	Endrin	Endrin Aldehyde	Heptachlor	Heptachlor Epoxide	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242
	Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	2/2/96											
	2/1/96 P											
	2/8/96			<0.05								
	5/2/96			<0.05								
	8/1/96 P											
	2/1/97 P	<0.1	<0.01	<0.5	<0.05	<0.1	<0.01	<0.01	<1	<1	<1	<1
	8/1/97 P	<0.1	<0.01	<0.5	<0.05	<0.1	<0.01	<0.01	<1	<1	<1	<1
	2/19/98 P	<0.1	<0.01	<0.5	<0.05	<0.1	<0.01	<0.01	<1	<1	<1	<1
	8/13/98 P	<0.1	<0.01	<0.5	<0.05	<0.1	<0.01	<0.01	<1	<1	<1	<1
	7/1/98											
	8/5/98	<0.005	<0.005		<0.005	<0.010	<0.002					
	9/2/98											
	10/7/98											
	11/05/98	<0.005	<0.005		<0.005	<0.010	<0.002					
	12/02/98											
	01/06/99											
	02/03/99	<0.001	<0.005		<0.005	<0.010	<0.002					
	02/16/99 P	<0.01	<0.001	<0.05	<0.005	<0.01	<0.001	<0.01	<0.1	<0.1	<0.1	<0.1
	03/03/99											
	04/07/99											
	05/05/99	<0.001	<0.005		<0.005	<0.010	<0.002					
	6/2/99											
	8/19/99 P	<0.01	<0.001	<0.05	<0.005	<0.01	<0.001	<0.01	<0.1	<0.1	<0.1	<0.1
	2/8/00 P			<0.05	<0.005	<0.01	<0.001	<0.01	<0.1	<0.1	<0.1	<0.1
	8/8/00 P			<0.05	<0.005	<0.01	<0.001	<0.01	<0.1	<0.1	<0.1	<0.1
	2/8/01 P			<0.05	<0.005	<0.01	<0.001	<0.01	<0.1	<0.1	<0.1	<0.1
	8/8/01 P			<0.05	<0.05	<0.05	<0.05	<0.05	<2.5	<2.5	<2.5	<2.5
	04/16/02 I	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	04/23/02 I	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	05/07/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	05/23/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	06/04/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	06/18/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	07/02/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	07/23/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	08/06/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	8/20/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	9/3/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	9/18/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	10/1/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	10/22/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	11/12/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	11/26/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	12/3/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	12/19/02 I	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	<0.5	<0.5
	MEC	<0.001	<0.001	0.05	<0.005	<0.01	<0.001	<0.01	<0.1	<0.1	<0.1	<0.1
	MAXIMUM	<0.1	<0.01	0.05	<0.05	<0.1	<0.01	<0.05	<2.5	<2.5	<2.5	<2.5
	MINIMUM	<0.001	<0.001	<0.01	<0.005	<0.01	<0.001	<0.01	<0.1	<0.1	<0.1	<0.1
	DETECTS	0	0	2	0	0	0	0	0	0	0	0
	COUNT	28	28	30	32	32	32	28	28	28	28	28
	% NONDETECT	100	100	93.33333	100	100	100	100	100	100	100	100

TABLE D1
 Effluent Data
 City of Thousand Oaks
 Hill Canyon Wastewater Treatment Plant
 (CA0056294, CI#4917)

CTR #		112	113	114	115	116	117	118	119	120	121	122
Pollutant	Type of Report (I = interim monitoring, P=Pretreatment)	alpha-Endosulfan	beta-Endosulfan	Endosulfan Sulfate	Endrin	Endrin Aldehyde	Heptachlor	Heptachlor Epoxide	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242
ST DEVIATION		#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE		#DIV/0!	#DIV/0!	0.05	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CV		#DIV/0!	#DIV/0!	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
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
Sigma		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
Sigma 4		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
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		0.153742	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
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
0.5*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
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
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
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		0.482907	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
AMEL multiplier95		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
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
MDEL multiplier99		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

TABLE D1
 Effluent Data
 City of Thousand Oaks
 Hill Canyon Wastewater Treatment Plant
 (CA0056294, CI#4917)

CTR #		123	124	125	126
Pollutant	Type of Report (I = interim monitoring, P=Pretreatment)	Aroclor 1248	Aroclor 1254	Aroclor 1260	Toxaphene
Units		ug/L	ug/L	ug/L	ug/L
2/2/96					
2/1/96	P				
2/8/96					<2
5/2/96					<2
8/1/96	P				
2/1/97	P	<1	<1	<1	<1
8/1/97	P	<1	<1	<1	<1
2/19/98	P	<1	<1	<1	<1
8/13/98	P	<1	<1	<1	<1
7/1/98					
8/5/98					<0.010
9/2/98					
10/7/98					
11/05/98					<0.010
12/02/98					
01/06/99					
02/03/99					<0.010
02/16/99	P	<0.1	<0.1	<0.1	<1
03/03/99					
04/07/99					
05/05/99					<0.010
6/2/99					
8/19/99	P	<0.1	<0.1	<0.1	<1
2/8/00	P	<0.1	<0.1	<0.1	<1
8/8/00	P	<0.1	<0.1	<0.1	<1
2/8/01	P	<0.1	<0.1	<0.1	<1
8/8/01	P	<2.5	<2.5	<2.5	<2.5
04/16/02	I	<0.5	<0.5	<0.5	<0.4
04/23/02	I	<0.5	<0.5	<0.5	<0.4
05/07/02	I	<0.5	<0.5	<0.5	<0.4
05/23/02	I	<0.5	<0.5	<0.5	<0.4
06/04/02	I	<0.5	<0.5	<0.5	<0.4
06/18/02	I	<0.5	<0.5	<0.5	<0.4
07/02/02	I	<0.5	<0.5	<0.5	<0.4
07/23/02	I	<0.5	<0.5	<0.5	<0.4
08/06/02	I	<0.5	<0.5	<0.5	<0.4
8/20/02	I	<0.5	<0.5	<0.5	<0.4
9/3/02	I	<0.5	<0.5	<0.5	<0.4
9/18/02	I	<0.5	<0.5	<0.5	<0.4
10/1/02	I	<0.5	<0.5	<0.5	<0.4
10/22/02	I	<0.5	<0.5	<0.5	<0.4
11/12/02	I	<0.5	<0.5	<0.5	<0.4
11/26/02	I	<0.5	<0.5	<0.5	<0.4
12/3/02	I	<0.5	<0.5	<0.5	<0.4
12/19/02	I	<0.5	<0.5	<0.5	<0.4
MEC		<0.1	<0.1	<0.1	<0.01
MAXIMUM		<2.5	<2.5	<2.5	<2.5
MINIMUM		<0.1	0	<0.1	<0.01
DETECTS		0	0	0	0
COUNT		28	28	28	34
% NONDETECT		100	100	100	100

TABLE D1
 Effluent Data
 City of Thousand Oaks
 Hill Canyon Wastewater Treatment Plant
 (CA0056294, CI#4917)

CTR #		123	124	125	126
	Type of Report (I = interim monitoring, P=Pretreatment)	Aroclor 1248	Aroclor 1254	Aroclor 1260	Toxaphene
Pollutant					
ST DEVIATION		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CV		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Default CV		0.6	0.6	0.6	0.6
ECA multipliers Table 1					
CV^2 +1		1.36	1.36	1.36	1.36
Sigma		0.554513	0.554513	0.554513	0.554513
Sigma ^2		0.307485	0.307485	0.307485	0.307485
Sigma 4		0.29356	0.29356	0.29356	0.29356
Sigma 4 ^2		0.086178	0.086178	0.086178	0.086178
Z 99 %ile		2.326	2.326	2.326	2.326
0.5*Sigma^2		0.153742	0.153742	0.153742	0.153742
Z99% *Sigma		1.289797	1.289797	1.289797	1.289797
ECA Acute 99 multiplier		0.321083	0.321083	0.321083	0.321083
0.5*Sigma 4 ^2		0.043089	0.043089	0.043089	0.043089
Z99%ile*Sigma 4		0.682821	0.682821	0.682821	0.682821
ECA Chronic99 multiplier		0.527433	0.527433	0.527433	0.527433
Z 95%ile		1.645	1.645	1.645	1.645
Z95% *Sigma 4		0.482907	0.482907	0.482907	0.482907
0.5*sigma 4 ^2		0.043089	0.043089	0.043089	0.043089
AMEL multiplier95		1.552425	1.552425	1.552425	1.552425
Z99% *Sigma		1.289797	1.289797	1.289797	1.289797
0.5* sigma^2		0.153742	0.153742	0.153742	0.153742
MDEL multiplier99		3.114457	3.114457	3.114457	3.114457
MDEL/AMEL Multiplier		2.006189	2.006189	2.006189	2.006189