TABLE R1

Reasonable Potential Analysis for Priority Pollutants
SCVSDLAC - Valencia WRP
(CA0054216, CI# 4993)

					CTR CRITERIA					REASONABLE POTENTIAL ANALYSIS (RPA)					HUMAN HEALTH CALCS.		
					Freshwater		Human Health		Basin Plan						Organisns Only		
CTR#	DATE	Units	CV	MEC	C acute = CMC tot	C chronic = CCC tot	Not applicable C hh W&O	C hh O	Title 22 GWR	Lowest C	Tier 1: MEC >= Lowest C	B (RD-1)	Tier 2 B>C & Eff.present	Tier 3 - other info. ?	AMELhh = ECA = C hh O	MDEL/ AMEL multiplier	MDEL hh
1	Antimony	µg/L	0.03	1.33	NONE	NONE	14	4300	6	6	NO	1.2	NO				
2	**Arsenic**	**µg/L**	**0.5**	**2.3**	**340**	**150**	**NONE**	**NONE**	**10**	**10**	**NO**	**11.9**	**YES**				
3	Beryllium	µg/L	1.4	0.25 DNQ	NONE	NONE	Narrative	Narrative	4	4	NO	0.89	NO				
4	**Cadmium***	**µg/L**	**1.2**	**0.39**	**22**	**7.3**	**Narrative**	**Narrative**	**5**	**5**	**NO**	**0.78**	**NO**				
5a	Chromium III*	µg/L	0.6	0.46	5400	640	Narrative	Narrative		640	NO	31	NO				
5b	Chromium VI	µg/L	0.8	6.0 DNQ	16.293279	11.43451143	Narrative	Narrative	50	11	NO	2.4	NO				
6	Copper*	µg/L	0.8	21.8	52	31	1300	NONE		31	NO	27	NO				
7	Lead*	µg/L	1.4	1 DNQ	480	19	Narrative	Narrative		19	NO	17	NO				
8	**Mercury**	**µg/L**	**0.5**	**0.04**	**reserved**	**reserved**	**0.05**	**0.051**	**2**	**0.051**	**NO**	**0.08**	**YES**		**0.051**	**1.85**	**0.09435**
9	Nickel*	µg/L	0.4	9 DNQ	1500	170	610	4600	100	100	NO	27	NO				
10	**Selenium**	**µg/L**	**0.4**	**1.1**	Reserved	**5**	**Narrative**	**Narrative**	**50**	**5**	**NO**	**5.16**	**YES**				
11	Silver*	µg/L	0.6	0.25	44	none	NONE	NONE		44	NO	0.41	NO				
12	Thallium	µg/L	0.6	0.08 DNQ	NONE	NONE	1.7	6.3	2	2	NO	0.18	NO				
13	**Zinc***	µg/L	0.3	114	390	390	none	NONE		390	NO	91	NO				
14	Cyanide	µg/L	0.5	4	22	5.2	700	220,000	200	5.2	NO	3.3	NO				
15	Asbestos	Fibers/ L			NONE	NONE	7,000,000	NONE	7x10^6	7x10^6			NO				
16	2,3,7,8-TCDD (Dioxin)	µg/L			NONE	NONE	1.3E-08	1.4E-08	3x10^-5	1.4E-08			NO				
17	Acrolein	µg/L	0.6	0.54 DNQ	NONE	NONE	320	780		780	NO	<0.1	NO				

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CTR#	DATE	Units	AQUATIC LIFE CALCULATIONS Freshwater: ECA acute multiplier (SIPp.9)	LTA acute	ECA chronic multiplier	LTA chronic	Lowest LTA	AQUATIC LIFE CALCULATIONS Freshwater: AMEL multiplier (n=4)	AMEL aq.life	MDEL multiplier (n=4)	MDEL aqlife	PROPOSED LIMITS: Lowest AMEL	Lowest MDEL	Recommendation
1	Antimony	µg/L										--	--	Deleted 6 µg/L limit previously found in Order No. R4-2003-0145 because no RPA. New monitoring data (new information) indicated indicated pollutant does not have RP to cause or contribute to an exceedance of the WQO.Require monitoring.
2	**Arsenic**	**µg/L**										**10**	**--**	**Need Limit Tier 2 the receiving water exceeds WQO and the discharge has RP to contribute to an exceedance of the Basin Plan WQO.**
3	Beryllium	µg/L												Interim Monitoring - No CTR-based Limit
4	**Cadmium***	**µg/L**												**Interim Monitoring - No CTR-based Limit**
5a	Chromium III*	µg/L												Interim Monitoring - No CTR-based Limit
5b	Chromium VI	µg/L												Interim Monitoring - No CTR-based Limit
6	Copper*	µg/L												Interim Monitoring - No CTR-based Limit
7	Lead*	µg/L												Interim Monitoring - No CTR-based Limit
8	**Mercury**	**µg/L**										**0.051**	**0.094**	**Need Limit Tier 2 the receiving water exceeds WQO and the discharge has RP to contribute to an exceedance of the CTR Human Health Organisms only criteria.**
9	Nickel*	µg/L										--	--	Deleted 100 µg/L limit previously found in Order No. R4-2003-0145 because no RPA. New monitoring data (new information) indicated pollutant does not have RP to cause or contribute to an exceedance of the WQO.Require monitoring.
10	**Selenium**	**µg/L**	**0.44**	**#VALUE!**	**0.643**	**3.215**	**3.215**	**1.36**	**4.3724**	**2.275**	**7.314125**	**4.4**	**7.3**	**Need Limit Tier 2 the receiving water exceeds WQO and the discharge has RP to contribute to an exceedance of the CTR Aquatic Life criteria.**
11	Silver*	µg/L												Interim Monitoring - No Limit
12	Thallium	µg/L												Interim Monitoring - No Limit
13	**Zinc***	µg/L										--	--	Deleted 5,000 µg/L limit previously found in Order No. R4-2003-0145 because no RPA. New monitoring data (new information) indicated pollutant does not have RP to cause or contribute to an exceedance of the WQO.Require monitoring.
14	Cyanide	µg/L										--	--	Deleted 5.2 µg/L limit previously found in Order No. R4-2003-0145 because no RPA. New monitoring data (new information) indicated pollutant is not present in the effluent or receiving water. Require interim monitoring. Detected values prior to January 2006 were artificially generated as a result of the preservatives added to the sample. Discharger obtained ELAP certification to run a new test method which does not require the use of preservatives. Cyanide data, from January 2006 to the present, has been below the 5.2 µg/L CTR criteria. Cyanide data prior to January 2006 is not considered representative of the quality of effluent, and was therefore not used in the RPA determination.
15	Asbestos	Fibers/ L												Interim Monitoring - No Limit
16	2,3,7,8-TCDD (Dioxin)	µg/L												Interim Quarterly Monitoring - Not enough data was available.
17	Acrolein	µg/L												Interim Monitoring - No Limit

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					CTR CRITERIA					REASONABLE POTENTIAL ANALYSIS (RPA)					HUMAN HEALTH CALCS.		
					Freshwater		Human Health		Basin Plan						Organisns Only		
CTR#	DATE	Units	CV	MEC	C acute = CMC tot	C chronic = CCC tot	Not applicable C hh W&O	C hh O	Title 22 GWR	Lowest C	Tier 1: MEC >= Lowest C	B (RD-1)	Tier 2 B>C & Eff.present	Tier 3 - other info. ?	AMELhh = ECA = C hh O	MDEL/ AMEL multiplier	MDEL hh
18	Acrylonitrile	µg/L	0.6	<0.57	NONE	NONE	0.059	0.66		0.66	NO	2	No, not present in effluent				
19	Benzene	µg/L	0.6	<0.1	NONE	NONE	1.2	71	1	1	NO	ND	NO				
20	Bromoform	µg/L	2.1	7	NONE	NONE	4.3	360		360	NO	0.6	NO				
21	Carbon TetraChloride	µg/L	0.6	<0.1	NONE	NONE	0.25	4.4	600	4.4	NO	ND	NO				
22	Chlorobenzene	µg/L	0.6	<0.1	NONE	NONE	680	21,000		21,000	NO	ND	NO				
23	Dibromochloromethane	µg/L	1.6	17	NONE	NONE	0.401	34		34	NO	2	NO				
24	Chloroethane	µg/L	0.6	<0.1	NONE	NONE	NONE	NONE		NONE	NA	ND	NO				
25	2-chloroethyl vinyl ether	µg/L	0.6	<0.5	NONE	NONE	NONE	NONE		NONE	NA	ND	NO				
26	Chloroform	µg/L	0.4	14	NONE	NONE	Reserved	Reserved		Reserved	NA	9	NO				
27	Dichlorobromomethane	µg/L	0.7	20	NONE	NONE	0.56	46		46	NO	4	NO				
28	1,1-Dichloroethane	µg/L	0.6	<0.1	NONE	NONE	NONE	NONE	5	5	NO	ND	NO				
29	1,2-dichloroethane		0.6	<0.08	NONE	NONE	0.38	99	0.5	0.5	NO	ND	NO				
30	1,1-Dichloroethylene	µg/L	0.6	<0.2	NONE	NONE	0.057	3.2	6	3.2	NO	ND	NO				
31	1,2-dichlooropropane	µg/L	0.6	<0.2	NONE	NONE	0.52	39	5	5	NO	ND	NO				
32	1,3-dichloropropylene	µg/L	0.6	<0.1	NONE	NONE	10	1,700	0.5	0.5	NO	ND	NO				
33	Ethylbenzene	µg/L	0.6	<0.5	NONE	NONE	3100	29,000	0.7	0.7	NO	ND	NO				
34	Methyl bromide	µg/L	0.6	<0.5	NONE	NONE	48	4,000		4,000	NO	ND	NO				
35	Methyl chloride	µg/L	0.9	0.4	NONE	NONE	Narrative	Narrative		Narrative	NA	ND	NO				
36	Methylene chloride	µg/L	0.7	0.4	NONE	NONE	4.7	1,600		1,600	NO	0.1	NO				
37	1,1,2,2-tetrachlroethene	µg/L	0.6	<0.5	NONE	NONE	0.17	11	1	1	NO	ND	NO				
38	**Tetrachloroethylene**	µg/L	0.6	**0.6**	NONE	NONE	0.8	8.85	**5**	5	NO	ND	NO				
39	Toluene	µg/L	1.4	**2**	NONE	NONE	6800	200,000	150	150	NO	0.09	NO				
40	Trans 1,2-Dichloroethylene	µg/L	0.6		NONE	NONE	700	140,000	10	10		ND	NO				
41	1,1,1-Trichloroethane	µg/L	0.6	<0.1	NONE	NONE	Narrative	Narrative	200	200		ND	NO				
42	1,1,2-trichloroethane	µg/L	0.6		NONE	NONE	0.6	42	5	5		ND	NO				
43	Trichloroethylene	µg/L	0.6		NONE	NONE	2.7	81	5	5		1.3	NO				
44	Vinyl chloride	µg/L	0.6		NONE	NONE	2	525	0.5	0.5		ND	NO				
45	2-chlorophenol	µg/L	0.6		NONE	NONE	120	400		400		ND	NO				
46	2,4-dihlorophenol	µg/L	0.6		NONE	NONE	93	790		790		ND	NO				
47	2,4-dimethylphenol	µg/L	0.6		NONE	NONE	540	2,300		2,300		ND	NO				
48	4,6-dinitro-o-resol (aka2-methyl-4,6-Dinitrophenol)	µg/L	0.6		NONE	NONE	13.4	765		765		ND	NO				
49	2,4-dinitrophenol	µg/L	0.6		NONE	NONE	70	14,000		14,000		ND	NO				
50	2-nitrophenol	µg/L	0.6		NONE	NONE	NONE	NONE		None		ND	NO				
51	4-nitrophenol	µg/L	0.6		NONE	NONE	NONE	NONE		None		ND	NO				
52	3-Methyl-4-Chlorophenol (aka P-chloro-m-resol)	µg/L	0.6		NONE	NONE	NONE	NONE		None		ND	NO				
53	Pentachlorophenol	µg/L	0.6		pH dependen	pH dependent	0.28	8.2	1	1		ND	NO				
54	Phenol	µg/L	0.6		NONE	NONE	21,000	4,600,000		4.6x10^6		ND	NO				
55	2,4,6-triChlorophenol	µg/L	0.2	0.5	NONE	NONE	2.1	6.5		6.5	NO	ND	NO				
56	Acenaphthene	µg/L	0.6		NONE	NONE	1200	2,700		2,700		ND	NO				
57	Acenaphthylene	µg/L	0.6		NONE	NONE	NONE	NONE		NONE		ND	NO				
58	Anthracene	µg/L	0.6		NONE	NONE	9600	110,000		110,000		ND	NO				
59	Benzidine	µg/L	0.6		NONE	NONE	0.00012	0.00054		0.00054		ND	NO				

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			AQUATIC LIFE CALCULATIONS					AQUATIC LIFE CALCULATIONS				PROPOSED LIMITS		
			Freshwater					Freshwater						
CTR#	DATE	Units	ECA acute multiplier (SIPp.9)	LTA acute	ECA chronic multiplier	LTA chronic	Lowest LTA	AMEL multiplier (n=4)	AMEL aq.life	MDEL multiplier (n=4)	MDEL aqlife	Lowest AMEL	Lowest MDEL	Recommendation
18	Acrylonitrile	µg/L										--	--	Deleted 0.66 µg/L monthly average and 1.3 µg/L daily maximum limits previously found in Order No. R4-2003-0145 because no RPA. New monitoring data (new information) indicated pollutant does not have RP to cause or contribute to an exceedance of the WQO. Only require monitoring.
19	Benzene	µg/L												Interim Monitoring - No Limit
20	Bromoform	µg/L												Interim Monitoring - No Limit
21	Carbon TetraChloride	µg/L												Interim Monitoring - No Limit
22	Chlorobenzene	µg/L												Interim Monitoring - No Limit
23	Dibromochloromethane	µg/L												Interim Monitoring - No Limit
24	Chloroethane	µg/L												No Limit - No Criteria Available
25	2-chloroethyl vinyl ether	µg/L												No Limit - No Criteria Available
26	Chloroform	µg/L												No Limit - No Criteria Available
27	Dichlorobromomethane	µg/L												Interim Monitoring - No Limit
28	1,1-Dichloroethane	µg/L												Interim Monitoring - No Limit
29	1,2-dichloroethane													Interim Monitoring - No Limit
30	1,1-Dichloroethylene	µg/L												Interim Monitoring - No Limit
31	1,2-dichlooropropane	µg/L												Interim Monitoring - No Limit
32	1,3-dichloropropylene	µg/L												Interim Monitoring - No Limit
33	Ethylbenzene	µg/L												Interim Monitoring - No Limit
34	Methyl bromide	µg/L												Interim Monitoring - No Limit
35	Methyl chloride	µg/L												No Limit - No Criteria Available
36	Methylene chloride	µg/L												Interim Monitoring - No Limit
37	1,1,2,2-tetrachlroethene	µg/L												Interim Monitoring - No Limit
38	**Tetrachloroethylene**	µg/L										--	--	Deleted 5 µg/L monthly average limit previously found in Order No. R4-2003-0145 because no RPA. New monitoring data (new information) indicated pollutant does not have RP to cause or contribute to an exceedance of the WQO.Only require monitoring.
39	Toluene	µg/L												Interim Monitoring - No Limit
40	Trans 1,2-Dichloroethylene	µg/L												Interim Monitoring - No Limit
41	1,1,1-Trichloroethane	µg/L												Interim Monitoring - No Limit
42	1,1,2-trichloroethane	µg/L												Interim Monitoring - No Limit
43	Trichloroethylene	µg/L												Interim Monitoring - No Limit
44	Vinyl chloride	µg/L												Interim Monitoring - No Limit
45	2-chlorophenol	µg/L												Interim Monitoring - No Limit
46	2,4-dihlorophenol	µg/L												Interim Monitoring - No Limit
47	2,4-dimethylphenol	µg/L												Interim Monitoring - No Limit
48	4,6-dinitro-o-resol (aka2-methyl-4,6-Dinitrophenol)	µg/L												Interim Monitoring - No Limit
49	2,4-dinitrophenol	µg/L												Interim Monitoring - No Limit
50	2-nitrophenol	µg/L												No Criteria Available
51	4-nitrophenol	µg/L												No Criteria Available
52	3-Methyl-4-Chlorophenol (aka P-chloro-m-resol)	µg/L												No Criteria Available
53	Pentachlorophenol	µg/L												Interim Monitoring - No Limit
54	Phenol	µg/L												Interim Monitoring - No Limit
55	2,4,6-triChlorophenol	µg/L												Interim Monitoring - No Limit
56	Acenaphthene	µg/L												Interim Monitoring - No Limit
57	Acenaphthylene	µg/L												No Criteria Available
58	Anthracene	µg/L												Interim Monitoring - No Limit
59	Benzidine	µg/L												Interim Monitoring - No Limit

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					CTR CRITERIA					REASONABLE POTENTIAL ANALYSIS (RPA)					HUMAN HEALTH CALCS.		
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CTR#	DATE	Units	CV	MEC	C acute = CMC tot	C chronic = CCC tot	Not applicable C hh W&O	C hh O	Title 22 GWR	Lowest C	Tier 1: MEC >= Lowest C	B (RD-1)	Tier 2 B>C & Eff.present	Tier 3 - other info. ?	AMELhh = ECA = C hh O	MDEL/ AMEL multiplier	MDEL hh
60	Benzo(a)Anthracene	µg/L	0.6		NONE	NONE	0.0044	0.049		0.049		ND	NO				
61	Benzo(a)Pyrene	µg/L	0.6		NONE	NONE	0.0044	0.049		0.049		ND	NO				
62	Benzo(b)Fluoranthene	µg/L	0.6		NONE	NONE	0.0044	0.049		0.049		ND	NO				
63	Benzo(ghi)Perylene	µg/L	0.6		NONE	NONE	NONE	NONE		NONE		ND	NO				
64	Benzo(k)Fluoranthene	µg/L	0.6		NONE	NONE	0.0044	0.049		0.049		ND	NO				
65	Bis(2-Chloroethoxy) methane	µg/L	0.6		NONE	NONE	NONE	NONE		NONE		ND	NO				
66	Bis(2-Chloroethyl)Ether	µg/L	0.6		NONE	NONE	0.031	1.4		1.4		ND	NO				
67	Bis(2-Chloroisopropyl) Ether	µg/L	0.6		NONE	NONE	1400	170,000		170,000		ND	NO				
68	Bis(2-Ethylhexyl) Phthalate	µg/L	**0.5**	1.2 DNQ	NONE	NONE	1.8	5.9	4	4	NO	**0.7**	NO				
69	4-Bromophenyl Phenyl Ether	µg/L	0.6		NONE	NONE	NONE	NONE		NONE		ND	NO				
70	Butylbenzyl Phthalate	µg/L	0.6		NONE	NONE	3000	5,200		5,200		ND	NO				
71	2-Chloronaphthalene	µg/L	0.6		NONE	NONE	1700	4,300		4,300		ND	NO				
72	4-Chlorophenyl Phenyl Ether	µg/L	0.6		NONE	NONE	NONE	NONE		NONE		ND	NO				
73	Chrysene	µg/L	0.6		NONE	NONE	0.0044	0.049		0.049		ND	NO				
74	Dibenzo(a,h)Anthracene	µg/L	0.6		NONE	NONE	0.0044	0.049		0.049		ND	NO				
75	1,2-Dichlorobenzene	µg/L	0.6		NONE	NONE	2700	17,000	600	600		ND	NO				
76	1,3-Dichlorobenzene	µg/L	0.6		NONE	NONE	400	2,600		2,600		ND	NO				
77	**1,4-Dichlorobenzene**	µg/L	**0.6**	0.5	NONE	NONE	400	2,600	5	5	NO	ND	NO				
78	3,3'-Dichlorobenzidine	µg/L	0.6		NONE	NONE	0.04	0.077		0.077		ND	NO				
79	Diethyl Phthalate	µg/L	**0.8**	1.1 DNQ	NONE	NONE	23000	120,000		120,000	NO	ND	NO				
80	Dimethyl Phthalate	µg/L	0.6		NONE	NONE	313000	2,900,000		2.9x10^6		ND	NO				
81	Di-n-Butyl Phthalate	µg/L	0.6		NONE	NONE	2700	12,000		12,000		ND	NO				
82	2,4-Dinitrotoluene	µg/L	0.6		NONE	NONE	0.11	9.1		9.1		ND	NO				
83	2,6-Dinitrotoluene	µg/L	0.6		NONE	NONE	NONE	NONE		NONE		ND	NO				
84	Di-n-Octyl Phthalate	µg/L	0.6		NONE	NONE	NONE	NONE		NONE		ND	NO				
85	1,2-Diphenylhydrazine	µg/L	0.6		NONE	NONE	0.04	0.54		0.54		ND	NO				
86	Fluoranthene	µg/L	0.6		NONE	NONE	300	370		370		ND	NO				
87	Fluorene	µg/L	0.6		NONE	NONE	1300	14,000		14,000		ND	NO				
88	Hexachlorobenzene	µg/L	0.6		NONE	NONE	0.00075	0.00077		0.00077		ND	NO				
89	Hexachlorobutadiene	µg/L	0.6		NONE	NONE	0.44	50		50		ND	NO				
90	Hexachlorocyclopentadiene	µg/L	0.6		NONE	NONE	240	17,000		17,000		ND	NO				
91	Hexachloroethane	µg/L	0.6		NONE	NONE	1.9	8.9		8.9		ND	NO				
92	Indeno(1,2,3-cd)Pyrene	µg/L	0.6		NONE	NONE	0.0044	0.049		0.049		ND	NO				
93	Isophorone	µg/L	0.6		NONE	NONE	8.4	600		600		ND	NO				
94	Napthalene	µg/L	0.6		NONE	NONE	NONE	NONE		NONE		ND	NO				
95	Nitrobenzene	µg/L	0.6		NONE	NONE	17	1,900		1,900		ND	NO				
96	N-Nitrosodimethylamine	µg/L	**0.6**	3.9 DNQ	NONE	NONE	0.00069	8.1		8.1		**3.2**	NO				
97	N-Nitrosodi-n-Propylamine	µg/L	0.6		NONE	NONE	0.005	1.4		1.4	NO	ND	NO				
98	N-Nitrosodiphenylamine	µg/L	0.6		NONE	NONE	5	16		16		ND	NO				
99	Phenanthrene	µg/L	0.6		NONE	NONE	NONE	NONE		NONE		ND	NO				
100	Pyrene	µg/L	0.6		NONE	NONE	960	11,000		11,000		ND	NO				
101	1,2,4-Trichlorobenzene	µg/L	0.6		NONE	NONE	NONE	NONE		NONE		ND	NO				
102	Aldrin	µg/L	0.6		3	NONE	0.00013	0.00014		0.00014		ND	NO				
103	alpha-BHC	µg/L	0.6		NONE	NONE	0.0039	0.013		0.013		ND	NO				
104	beta-BHC	µg/L	0.6		NONE	NONE	0.014	0.046		0.046		ND	NO				

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60	Benzo(a)Anthracene	µg/L												Interim Monitoring - No Limit
61	Benzo(a)Pyrene	µg/L												Interim Monitoring - No Limit
62	Benzo(b)Fluoranthene	µg/L												Interim Monitoring - No Limit
63	Benzo(ghi)Perylene	µg/L												No Criteria Available
64	Benzo(k)Fluoranthene	µg/L												Interim Monitoring - No Limit
65	Bis(2-Chloroethoxy) methane	µg/L												No Criteria Available
66	Bis(2-Chloroethyl)Ether	µg/L												Interim Monitoring - No Limit
67	Bis(2-Chloroisopropyl) Ether	µg/L												Interim Monitoring - No Limit
68	Bis(2-Ethylhexyl) Phthalate	µg/L										--	--	Deleted 4 µg/L monthly average limit previously found in Order No. R4-2003-0145 because no RPA. New monitoring data (new information) indicated pollutant does not have RP to cause or contribute to an exceedance of the WQO.Only require monitoring.
69	4-Bromophenyl Phenyl Ether	µg/L												No Criteria Available
70	Butylbenzyl Phthalate	µg/L												Interim Monitoring - No Limit
71	2-Chloronaphthalene	µg/L												Interim Monitoring - No Limit
72	4-Chlorophenyl Phenyl Ether	µg/L												No Criteria Available
73	Chrysene	µg/L												Interim Monitoring - No Limit
74	Dibenzo(a,h)Anthracene	µg/L												Interim Monitoring - No Limit
75	1,2-Dichlorobenzene	µg/L												Interim Monitoring - No Limit
76	1,3-Dichlorobenzene	µg/L												Interim Monitoring - No Limit
77	**1,4-Dichlorobenzene**	µg/L										--	--	Deleted 5 µg/L monthly average limit previously found in Order No. R4-2003-0145 because no RPA. New monitoring data (new information) indicated pollutant does not have RP to cause or contribute to an exceedance of the WQO.Only require monitoring.
78	3,3'-Dichlorobenzidine	µg/L												Interim Monitoring - No Limit
79	Diethyl Phthalate	µg/L												Interim Monitoring - No Limit
80	Dimethyl Phthalate	µg/L												Interim Monitoring - No Limit
81	Di-n-Butyl Phthalate	µg/L												Interim Monitoring - No Limit
82	2,4-Dinitrotoluene	µg/L												Interim Monitoring - No Limit
83	2,6-Dinitrotoluene	µg/L												No Criteria Available
84	Di-n-Octyl Phthalate	µg/L												No Criteria Available
85	1,2-Diphenylhydrazine	µg/L												Interim Monitoring - No Limit
86	Fluoranthene	µg/L												Interim Monitoring - No Limit
87	Fluorene	µg/L												Interim Monitoring - No Limit
88	Hexachlorobenzene	µg/L												Interim Monitoring - No Limit
89	Hexachlorobutadiene	µg/L												Interim Monitoring - No Limit
90	Hexachlorocyclopentadiene	µg/L												Interim Monitoring - No Limit
91	Hexachloroethane	µg/L												Interim Monitoring - No Limit
92	Indeno(1,2,3-cd)Pyrene	µg/L												Interim Monitoring - No Limit
93	Isophorone	µg/L												Interim Monitoring - No Limit
94	Napthalene	µg/L												No Criteria Available
95	Nitrobenzene	µg/L												Interim Monitoring - No Limit
96	N-Nitrosodimethylamine	µg/L												Interim Monitoring - No Limit
97	N-Nitrosodi-n-Propylamine	µg/L												Interim Monitoring - No Limit
98	N-Nitrosodiphenylamine	µg/L												Interim Monitoring - No Limit
99	Phenanthrene	µg/L												Interim Monitoring - No Limit
100	Pyrene	µg/L												Interim Monitoring - No Limit
101	1,2,4-Trichlorobenzene	µg/L												Interim Monitoring - No Limit
102	Aldrin	µg/L												Interim Monitoring - No Limit
103	alpha-BHC	µg/L												Interim Monitoring - No Limit
104	beta-BHC	µg/L												Interim Monitoring - No Limit

TABLE R1

Reasonable Potential Analysis for Priority Pollutants
SCVSDLAC - Valencia WRP
(CA0054216, CI# 4993)

					CTR CRITERIA				Basin Plan	REASONABLE POTENTIAL ANALYSIS (RPA)					HUMAN HEALTH CALCS.		
					Freshwater		Human Health								Organisns Only		
CTR#	DATE	Units	CV	MEC	C acute = CMC tot	C chronic = CCC tot	Not applicable C hh W&O	C hh O	Title 22 GWR	Lowest C	Tier 1: MEC >= Lowest C	B (RD-1)	Tier 2 B>C & Eff.present	Tier 3 - other info. ?	AMELhh = ECA = C hh O	MDEL/ AMEL multiplier	MDEL hh
105	gamma-BHC (aka Lindane)	µg/L	**1.3**	0.006 DNQ	0.95	NONE	0.019	0.063	0.2	0.063	NO	0.002 DNQ	NO				
106	delta-BHC	µg/L	0.6		NONE	NONE	NONE	NONE		NONE		ND	NO				
107	Chlordane	µg/L	0.6		2.4	0.0043	0.00057	0.00059		0.00059		ND	NO				
108	4,4'-DDT	µg/L	0.6		1.1	0.001	0.00059	0.00059		0.00059		ND	NO				
109	4,4'-DDE	µg/L	0.6		NONE	NONE	0.00059	0.00059		0.00059		ND	NO				
110	4,4'-DDD	µg/L	0.6		NONE	NONE	0.00083	0.00084		0.00084		ND	NO				
111	Dieldrin	µg/L	0.6		0.24	0.056	0.00014	0.00014		0.00014		ND	NO				
112	alpha-Endosulfan	µg/L	0.6		0.22	0.056	110	240		0.056		ND	NO				
113	beta-Endosulfan	µg/L	0.6		0.22	0.056	110	240		0.056		ND	NO				
114	Endosulfan Sulfate	µg/L	0.6		NONE	NONE	110	240		240		ND	NO				
115	Endrin	µg/L	0.6		0.086	0.036	0.76	0.81		0.036		ND	NO				
116	Endrin Aldehyde	µg/L	0.6		NONE	NONE	0.76	0.81		0.81		ND	NO				
117	Heptachlor	µg/L	0.6		0.52	0.0038	0.00021	0.00021		0.00021		ND	NO				
118	Heptachlor Epoxide	µg/L	0.6		0.52	0.0038	0.0001	0.00011		0.00011		ND	NO				
	Polychlorinated biphenyls (PCBs)	µg/L	0.6									ND	NO				
119	Aroclor 1016	µg/L	0.6		NONE	0.014	0.00017	0.00017		0.00017		ND	NO				
120	Aroclor 1221	µg/L	0.6		NONE	0.014	0.00017	0.00017		0.00017		ND	NO				
121	Aroclor 1232	µg/L	0.6		NONE	0.014	0.00017	0.00017		0.00017		ND	NO				
122	Aroclor 1242	µg/L	0.6		NONE	0.014	0.00017	0.00017		0.00017		ND	NO				
123	Aroclor 1248	µg/L	0.6		NONE	0.014	0.00017	0.00017		0.00017		ND	NO				
124	Aroclor 1254	µg/L	0.6		NONE	0.014	0.00017	0.00017		0.00017		ND	NO				
125	Aroclor 1260	µg/L	0.6		NONE	0.014	0.00017	0.00017		0.00017		ND	NO				
126	Toxaphene	µg/L	0.6		0.73	0.0002	0.0073	0.00075		0.00075		ND	NO				
FOOTNOTE:																	
*	These metals are hardness dependent. CTR criteria was calculated using an average receiving water hardness of 400 mg/L (from Station R-C).																

TABLE R1

Reasonable Potential Analysis for Priority Pollutants
SCVSDLAC - Valencia WRP
(CA0054216, CI# 4993)

CTR#	DATE	Units	AQUATIC LIFE CALCULATIONS Freshwater: ECA acute multiplier (SIPp.9)	LTA acute	ECA chronic multiplier	LTA chronic	Lowest LTA	AQUATIC LIFE CALCULATIONS Freshwater: AMEL multiplier (n=4)	AMEL aq.life	MDEL multiplier (n=4)	MDEL aqlife	PROPOSED LIMITS: Lowest AMEL	Lowest MDEL	Recommendation
105	gamma-BHC (aka Lindane)	µg/L										--	--	Deleted 0.2 µg/L monthly average limit previously found in Order No. R4-2003-0145 because no RPA. New monitoring data (new information) indicated pollutant does not have RP to cause or contribute to an exceedance of the WQO.Only require monitoring.
106	delta-BHC	µg/L												Interim Monitoring - No Limit
107	Chlordane	µg/L												Interim Monitoring - No Limit
108	4,4'-DDT	µg/L												Interim Monitoring - No Limit
109	4,4'-DDE	µg/L												Interim Monitoring - No Limit
110	4,4'-DDD	µg/L												Interim Monitoring - No Limit
111	Dieldrin	µg/L												Interim Monitoring - No Limit
112	alpha-Endosulfan	µg/L												Interim Monitoring - No Limit
113	beta-Endosulfan	µg/L												Interim Monitoring - No Limit
114	Endosulfan Sulfate	µg/L												Interim Monitoring - No Limit
115	Endrin	µg/L												Interim Monitoring - No Limit
116	Endrin Aldehyde	µg/L												Interim Monitoring - No Limit
117	Heptachlor	µg/L												Interim Monitoring - No Limit
118	Heptachlor Epoxide	µg/L												Interim Monitoring - No Limit
	Polychlorinated biphenyls (PCBs)	µg/L												Interim Monitoring - No Limit
119	Aroclor 1016	µg/L												Interim Monitoring - No Limit
120	Aroclor 1221	µg/L												Interim Monitoring - No Limit
121	Aroclor 1232	µg/L												Interim Monitoring - No Limit
122	Aroclor 1242	µg/L												Interim Monitoring - No Limit
123	Aroclor 1248	µg/L												Interim Monitoring - No Limit
124	Aroclor 1254	µg/L												Interim Monitoring - No Limit
125	Aroclor 1260	µg/L												Interim Monitoring - No Limit
126	Toxaphene	µg/L												Interim Monitoring - No Limit
FOOTNOTE:														
*	These metals are hardness dependent. CTR criteria was calculated using an average receiving water hardness of 400 mg/L (from Station R-C).													