

Table R2

Santa Clarita Valley Sanitation District- Saugus Water Reclamation Plant
REASONABLE POTENTIAL ANALYSIS
 using
 Technical Support Document (TSD) Methodology

CONSTITUENT	Units	Number of Samples	Maximum Observed Effluent Concentration	CV	Multiplier	Projected Maximum Effluent Concentration (99/99)	Dilution Ratio	Projected Maximum Receiving Water Concentration	Water Quality Objective	HP-Human health protection AP-Aquatic life protection	REASONABLE POTENTIAL	Monthly Average Limit
Fluoride	µg/L	56	490	0.2	1.20	587.25	0	587.25	2000	HH	NO	
Antimony	µg/L	22	2.07	0.9	3.04	6.30	0	6.30	6	Tit 22 GWR- prim MCL	YES	6
Arsenic	µg/L	18	2.7	0.6	2.39	6.46	0	6.46	10	Tit 22 GWR- prim MCL	NO	
Barium	µg/L	21	111	0.8	2.82	312.94	0	312.94	1000	Tit 22 GWR- prim MCL	NO	
Beryllium	µg/L	22	0.25	1.6	5.09	1.27	0	1.27	4	Tit 22 GWR- prim MCL	No	
Cadmium	µg/L	22	1.41	2.5	7.64	10.77	0	10.77	5	Tit 22 GWR- prim MCL	YES	5
Iron	µg/L	23	1340	2.8	8.09	10845.77	0	10845.77	300	Tit 22 GWR- secondary MCL	YES	300
Nickel	µg/L	22	8	0.9	3.04	24.34	0	24.34	100	Tit 22 GWR- prim MCL	NO	
Thallium	µg/L	22	0.06	1.2	3.91	0.23	0	0.23	2	Tit 22 GWR- prim MCL	NO	
toluene	µg/L	14	4	1.7	7.64	30.55	0	30.55	150	Tit 22 GWR- prim MCL	NO	
Bis(2-ethylhexyl)phthalate	µg/L	14	0.7	0.3	1.67	1.17	0	1.17	4	Tit 22 GWR- prim MCL	No	
tetrachloroethylenchlorobenzene	µg/L	22	0.5	0.5	1.98	0.99	0	0.99	5	Tit 22 GWR- prim MCL	NO	
Total trihalomethanes	µg/L	19	73	0.8	2.95	215.33	0	215.33	80	Tit 22 GWR- prim MCL- DBP	YES	80
MTBE	µg/L	12	ND	0.6	2.80	#VALUE!	0	#VALUE!	13	Tit 22 GWR- prim MCL	NO	
Perchlorate	µg/L	13	4.3	1.8	8.67	37.28	0	37.28	6	Tit 22 GWR- prim MCL	YES	6
Strontium	µg/L	17	1.06	0.4	1.86	1.97	0	1.97	8	Tit 22 GWR- prim MCL	NO	

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* Effluent limits are prescribed for constituents which have reasonable potential to exceed non-CTR criteria, using the TSD RPA methodology.

2/25/2009