

Table R2

Las Virgenes Municipal Water District- Tapia Water Reclamation Facility
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	39	800	0.4	1.53	1225.53	0	1225.53	2000	HH	No	
Antimony	µg/L	14	0.5	0.6	2.63	1.32	0	1.32	6	Tit 22 GWR- prim MCL	No	
Arsenic	µg/L	22	7	0.9	3.04	21.29	0	21.29	10	Tit 22 GWR- prim MCL	Yes	10
Barium	µg/L	14	29	0.3	1.67	48.39	0	48.39	1000	Tit 22 GWR- prim MCL	NO	
Beryllium	µg/L	14	0.2	0.6	2.63	0.53	0	0.53	4	Tit 22 GWR- prim MCL	No	
Cadmium	µg/L	48	0.5	1.4	2.82	1.41	0	1.41	5	Tit 22 GWR- prim MCL	No	
Iron	µg/L	7	110	0.4	2.41	264.91	0	264.91	300	Tit 22 GWR- secondary MCL	No	
Nickel	µg/L	15	7	0.3	1.65	11.52	0	11.52	100	Tit 22 GWR- prim MCL	NO	
Thallium	µg/L	14	0.2	0.6	2.63	0.53	0	0.53	2	Tit 22 GWR- prim MCL	NO	
toluene	µg/L	9	0.5	0.6	3.16	1.58	0	1.58	150	Tit 22 GWR- prim MCL	NO	
Bis(2-ethylhexyl)phthalate	µg/L	55	20	1	2.16	43.14	0	43.14	4	Tit 22 GWR- prim MCL	Yes	4
tetrachloroethylenchlorobenzene	µg/L	8	0.5	0.6	3.33	1.67	0	1.67	5	Tit 22 GWR- prim MCL	NO	
Total trihalomethanes	µg/L	45	158.9	0.8	2.06	327.70	0	327.70	80	Tit 22 GWR- prim MCL- DBP	YES	80
MTBE	µg/L	7	0.5	0.6	3.54	1.77	0	1.77	13	Tit 22 GWR- prim MCL	NO	
Perchlorate	µg/L	6	2	0.7	4.60	9.20	0	9.20	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.

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