

Table R2

JOS - Pomona 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
Antimony	µg/L	55	0.6	0.3	1.31	0.79	0	0.79	6	HH	NO
Arsenic	µg/L	54	2.2	0.2	1.20	2.65	0	2.65	10	HH	NO
Bis(2-ethylhexyl)phthalate	µg/L	55	5.3	0.6	1.67	8.84	0	8.84	4	HH	YES
Total trihalomethanes	µg/L	44	47.8	0.8	2.08	99.42	0	99.42	80	HH	YES
Iron	µg/L	53	60	0.3	1.32	79.13	0	79.13	300	HH	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.

3/24/09