

TABLE R1r
Reasonable Potential Analysis and Limit Derivation
Using SIP Methodology
Los Angeles-Glendale Water Reclamation Plant
(Discharge #001 - POTW Discharge)
(CA0053953, Cl#5675)

CTR#	DATE	Units	CV	MEC	CTR CRITERIA				Basin Plan	REASONABLE POTENTIAL ANALYSIS (RPA)								HUMAN HEALTH CALCULATIONS		
					Freshwater		Human Health											Organisms Only		
					C acute = CMC tot	C chronic = CCC tot	Not applicable C hh W&O	C hh O		Title 22 GWR	Lowest C	MEC >= Lowest C	Tier 1 - Need limit?	B	B>C & present in Effl.	Tier 2 - Need limit?	Tier 3 - other info. ?	Tier 3 - need limit?	AMELhh = ECA = C hh O	MDEL/ AMEL multiplier
14	Cyanide	µg/L	0.0	<0.004	22	5.2	700	220,000	200	5.2	NO	NO	0.004	NO	NO	NO			0	
38	Tetrachloroethylene	µg/L	2.96	3.51	NONE	NONE	0.8	8.85	5	5	NO	Go to Tier 2	<0.38	No	Go to tier 3	NO	NO		0	
60	Benzo(a)Anthracene	µg/L	0.87	<0.14	NONE	NONE	0.0044	0.049		0.049	NO	NO	<0.14	NO	NO	NO	NO		0	
68	Bis(2-Ethylhexyl) Phthalate	µg/L	0.92	7	NONE	NONE	1.8	5.9	4	4	YES	YES	1	NO	NO	NO	NO	5.9	2.435	14
73	Chrysene	µg/L	0.83	<0.12	NONE	NONE	0.0044	0.049		0.049	NO	NO	<0.12	NO	NO	NO	NO		0.000	
97	N-Nitrosodi-n-Propylamine	µg/L	0.83	<0.13	NONE	NONE	0.005	1.4		1.4	NO	Go to Tier 2	<0.13	NO	Go to tier 3	NO	NO		0.000	

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CTR#	DATE	Units	AQUATIC LIFE CALCULATIONS					AQUATIC LIFE CALCULATIONS				PROPOSED LIMITS		Recommendation
			Freshwater					Freshwater						
			ECA acute multiplier (p.7)	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	
14	Cyanide	µg/L		0		0	0		0		0	--	--	No limit.
38	Tetrachloroethylene	µg/L		NA		NA	NA		NA		NA	--	--	No Limit
60	Benzo(a)Anthracene	µg/L		NA		NA	NA		NA		NA	--	--	No limit.
68	Bis(2-Ethylhexyl) Phthalate	µg/L	0.22	NA	0.397	NA	NA	1.868	NA	4.549	NA	4.00	no limit	Need limit (Tier 1). RP to exceed Basin Plan WQO.
73	Chrysene	µg/L		NA		NA	NA		NA		NA	--	--	No limit.
97	N-Nitrosodi-n-Propylamine	µg/L		NA		NA	NA		NA		NA	--	--	No limit.