

Table A3
 Donald C. Tillman
 Water Reclamation Plant
 Ammonia Nitrogen and Other Non-priority Pollutants Effluent RPA
 (CA0056227, CI-5695)

CONSTITUENT	Units	Number of Samples	Maximum Observed Effluent Concentration*	CV	Multiplier	Projected Maximum Effluent Concentration (99/99)	Dilution Ratio	Background Concentration	Projected Maximum Receiving Water Result	Water Quality Objectives	BU - Beneficial use protection NC-Human noncarcinogen AP-Aquatic life protection	REASONABLE POTENTIAL
Ammonia Nitrogen	mg/L	96	23.900	0.112216	1.08	25.70	0		25.70	1.79	AP	YES
Nitrate + Nitrite as Nitrogen	mg/L	96	8.3	0.655006	1.47	12.24	0		12.24	8	BU	YES
Nitrite Nitrogen	mg/L	96	2.7	0.616425	1.45	3.90	0		3.90	1	BU	YES
Nitrate Nitrogen	mg/L	95	5.6	0.954649	1.69	9.49	0		9.49	8	BU	YES
MBAS	mg/L	96	2.8	1.05441	1.75	4.91	0		4.91	0.5	BU	YES
Oil and Grease	mg/L	96	9	1.28904	1.90	17.12	0		17.12	10	BU	YES
Acute Toxicity (Single Test)	TUa	38	53	0.114596	1.14	60.24	0		60.24	70**	AP	YES
Acute Toxicity (Three Tests)	TUa	41	76	0.064599	1.07	81.48	0		81.48	90**	AP	YES
*:53 and 70 in Maximum Observed Effluent Concentration represent the lowest survival percentages for the Acute Toxicity Tests.												
**:Projected Maximum Receiving Water Result has to be greater than Water Quality Objectives in order to avoid the violation.												