

APPENDIX B - INTERIM PROTECTION LEVELS¹

Crystal Peak Minerals - Sevier Playa Projects
Ground Water Discharge Permit No. UGW270012
Concentrations in milligrams per liter (mg/L)

Well	Ground Water Classification	Total Dissolved Solids (TDS)	Sulfate	Arsenic	Barium	Cadmium	Chromium	Lead	Potassium	Selenium	Mercury
Headlight Gap (HLG)	4	109,350	10,995	0.091	0.217	<0.05	<0.100	<0.100	185	<0.100	<0.0002
SN2-11-400-4 (SN2)	4	103,575	8,959	0.125	<0.250	<0.05	<0.100	<0.100	176	<0.100	<0.0002
257 Cutoff (257)	4	120,300	25,463	0.135	0.292	<0.05	<0.100	<0.100	479	<0.100	<0.0002
Miller Canyon Reservoir (MCR)	3	1,670	395	0.178	0.043	<0.001	<0.002	<0.002	195	<0.002	<0.0002
Lakeview (LKV)	2	917	256	0.028	0.042	<0.001	0.003	<0.002	13	0.007	<0.0002
North Cricket (NCT)	2	657	57	0.009	0.106	<0.001	<0.002	<0.002	6	<0.002	<0.0002
Coyote (CYT)	2	650	145	0.032	0.050	<0.001	<0.002	<0.002	14	<0.002	<0.0002

¹ - Interim Protection Levels for reported (detected) chemicals calculated as 1.25 times the average background value for Class II groundwater or 1.5 times the background for Class III and IV. Interim limits for non-detects set to typical reported detection limits. Where both non-detects and measured concentrations are reported, the average background is calculated using the reported concentrations and the detection limit values.