

Table 3B-7. Summary Comparison of Water Quality Effects of the Alternatives

Alternative or Condition	Mono Lake Salinity (g/l)	Parameters of Concern for Drinking Water Supply at the LA Aqueduct				Parameters of Concern for Aquatic Ecosystems in the Upper Owens River Basin			
		Conductivity (FS/cm)	Chloride (mg/l)	Arsenic (Fg/l)	Fluoride (mg/l)	East Portal		Lake Crowley Reservoir	
						Arsenic (Fg/l)	Phosphate (mg/l)	Arsenic (Fg/l)	Phosphate (mg/l)
Point of reference	90	NA	NA	NA	NA	NA	NA	NA	NA
Point-of-reference scenario	108	313	17	23	0.6	9	0.26	47	0.20
No restriction	133*	307	17	23	0.6	8	0.25*	44	0.19*
6,372 Ft	92*	--	--	--	--	--	--*	--	--*
6,377 Ft	86*	--	--	--	--	--	--*	--	--*
6,383.5 Ft	76	--	--	--	--	--	--*	--	--*
6,390 Ft	69	--	--	--	--	--	--*	--	--*
6,410 Ft	54	--	--	--	--	--	--*	--	--*
No diversion	48	350	20	26	0.6	26	0.85*	69	0.29*
Prediversion	48	350 <sup>a</sup>	20 <sup>a</sup>	26 <sup>a</sup>	0.6 <sup>a</sup>	0	0	??	??
Regulatory threshold	85 <sup>b</sup>	900 <sup>c</sup>	250 <sup>c</sup>	50 <sup>c</sup>	1.6 <sup>c</sup>	190 <sup>c</sup>	0.050 <sup>c</sup>	190 <sup>c</sup>	0.025 <sup>c</sup>

Notes: -- = not evaluated.  
 NA = not applicable.  
 ?? = unknown.

No significant adverse impacts identified; see Chapter 3E, "Aquatic Productivity", for significance of salinity effects.

\* Exceeds regulatory threshold.

<sup>a</sup> Prediversion values unknown but presumed to be similar to the No-Diversion Alternative.

<sup>b</sup> Federal antidegradation threshold; see text for explanation.

<sup>c</sup> See Table 3B-5.