

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 ^a	20 ^a	26 ^a	0.6 ^a	0	0	??	??
Regulatory threshold	85 ^b	900 ^c	250 ^c	50 ^c	1.6 ^c	190 ^c	0.050 ^c	190 ^c	0.025 ^c

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.

^a Prediversion values unknown but presumed to be similar to the No-Diversion Alternative.

^b Federal antidegradation threshold; see text for explanation.

^c See Table 3B-5.