

Table 3D-8. Summary Comparison of Aquatic Resource Effects of the Alternatives: Upper Owens River

Alternative or Condition	Average % Change in Brown Trout Adult Habitat	Average % Change in Brown Trout Spawning Habitat	Average % Change in Rainbow Trout Adult Habitat	Average % Impacts from Rainbow Trout Spawning Habitat	Significant Impacts from Water Temperature Increases	Significant Impacts from Water Quality Degradation
Point of reference	0	0	0	0	N/A	N/A
No restriction	+4	0	+4	-6	No	No
6,372 Ft	-4	-21*	-4	+10	No	No
6,377 Ft	-12*/	-15*	-12*/	+13	No	No
6,383.5 Ft	-21*/	+4	-20*/	+19	Yes/	Yes/
6,390 Ft	-26*/	+3	-24*/	+21	Yes/	Yes/
6,410 Ft	-36*/	-5	-34*/	+21	Yes/	Yes/
No diversion	-36*/	-11*	-34*/	+21	Yes/	Yes/
Prediversion	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown

Notes: All effects are summarized without mitigation measures.

Average percentage change in habitat based on averaging percentage changes for wet, normal, and dry hydrologic conditions.

Significant impacts from water temperature and water quality changes apply only below Hot Creek confluence.

Significant project and cumulative impacts are partially or substantially mitigable depending on Grant Lake reservoir operations.

* = significant adverse impact (greater than a 10% habitat reduction).

/ = significant cumulative impact.

N/A = not applicable.