

Table P-10. Responses to Rewatering Observed in Mature Woody Riparian Vegetation on Parker Creek in 1991

| Response Level/ Vegetation Type | Reach Number | | | | All Reaches |
|------------------------------------|--------------|------|------|-----|----------------|
| | 1 | 2 | 3 | 4 | |
| No response | | | | | |
| Conifer-broadleaf | 0.8 | -- | -- | 0.3 | 1.1 |
| Cottonwood-willow | -- | -- | -- | -- | -- |
| Aspen | 0.2 | -- | -- | -- | 0.2 |
| Willow scrub | 2.4 | 9.7 | 0.5 | -- | 12.6 |
| Mixed riparian | 0.2 | 0.2 | -- | 0.9 | 1.3 |
| All types | 3.6 | 9.9 | 0.5 | 1.2 | 15.2 |
| Percent of total mapped | 24% | 32% | 100% | 55% | 31% |
| Slight response | | | | | |
| Conifer-broadleaf | -- | 0.3 | -- | -- | 0.3 |
| Cottonwood-willow | -- | 0.2 | -- | -- | 0.2 |
| Aspen | -- | -- | -- | -- | -- |
| Willow scrub | 5.0 | 20.1 | -- | -- | 25.1 |
| Mixed riparian | 0.3 | 0.2 | -- | 1.0 | 1.5 |
| All types | 5.3 | 20.8 | -- | 1.0 | 27.1 |
| Percent of total mapped | 35% | 67% | -- | 45% | 55% |
| Moderate response | | | | | |
| Conifer-broadleaf | -- | -- | -- | -- | -- |
| Cottonwood-willow | -- | -- | -- | -- | -- |
| Aspen | -- | -- | -- | -- | -- |
| Willow scrub | 6.3 | -- | -- | -- | 6.3 |
| Mixed riparian | -- | -- | -- | -- | -- |
| All types | 6.3 | -- | -- | -- | 6.3 |
| Percent of total mapped | 41% | -- | -- | -- | 13% |
| Strong response | | | | | |
| All types | -- | -- | -- | -- | -- |
| Percent loss or gain | -- | -- | -- | -- | -- |

Notes: See Appendix F for explanation of response categories.

Reach 1 = diversion to foot of moraine.
 Reach 2 = foot of moraine to Cain Ranch Road.
 Reach 3 = Cain Ranch Road to U.S. 395.
 Reach 4 - U.S. 395 to Rush Creek.

Percentages may not total 100% because of rounding error.
 Acreages measured by Jones & Stokes Associates from interpretation of 1929-1930, 1940, and 1990 aerial photographs and 1990-1991 field surveys.