	Alternative						
	No- Restriction	6,372-Ft	6,377-Ft	6,383.5-Ft	6,390-Ft	6,410-Ft	No- Diversion
Rush Creek streamf	lows						
Mean annual cfs	25.3	38.4	48.2	60.0	69.1	84.8	84.5
Annual hm <sup>3</sup>	28.3	43.0	54.0	67.2	77.4	95.0	94.6
Cottonwood radial g	rowth rates (n	nm/yr)					
Site RC1c	2.3	2.5	2.6	2.8	2.9	3.2	3.1
Site RC2c	2.1	2.4	2.5	2.7	2.9	3.1	3.1
Site RC2f	1.2ª	1.4 <sup>a</sup>	1.5 <sup>b</sup>	1.6 <sup>b</sup>	1.7 <sup>b</sup>	1.8 <sup>b</sup>	1.8 <sup>b</sup>
Lee Vining Creek streamflows							
Mean annual cfs	19.0	35.8	42.3	48.6	51.8	62.0	67.0
Annual hm <sup>3</sup>	21.3	40.1	47.4	54.4	58.0	69.4	75.0
Cottonwood radial g	rowth rates (n	nm/yr)					
Site LV0f	0.8 <sup>a</sup>	0.9ª	1.0 <sup>a</sup>	1.0 <sup>a</sup>	1.1ª	1.2ª	1.3ª
Site LV1c	3.4	3.6	3.8	3.9	4.0	4.2	4.3
Site LV2c	7.4	9.2	9.3	9.2	9.0	8.0	7.2
Site LV2f	2.1	2.4	2.5	2.6	2.6	2.7	2.7

## Table P-14. Results of the Cottonwood Growth Models for the EIR Alternatives

<sup>a</sup> Radial growth <1.5 mm/year was associated with severe stress or tree death.

<sup>b</sup> Radial growth from 1.5 to 2.0 mm/year was associated with low canopy vigor.

Notes: Streamflow predictions (cfs) are based on LAAMP model results for EIR alternatives. Flows under the No-Restriction Alternative are actually 0 cfs throughout most years. The flows used here are averages of infrequent large spilling flows.

The equations are nonlinear univariate equations developed by Stromberg and Patten (1992a, Table 6).

The equations for each site are:

Radial growth >2.0 mm/year was associated with high canopy vigor.