

Table P-17. Assumptions for Estimating Extent of Riparian Habitats from the Water Table Model by Reach for the Alternatives

	Reach									Total
	1a	2a	2b	3	4	5	6	7	8	
Rush Creek										
Prediversion extent (acres)										
Woody riparian	6.3	9.3	9.2	25.7	11.4	22.0	149.5	30.3	7.5	271.2
Meadow and wetland	0.0	0.0	7.7	2.0	0.7	0.0	89.3	7.1	24.4	131.2
Point-of-reference extent (acres)										
Woody riparian	1.6	6.0	6.2	13.8	5.6	4.0	97.5	11.5	26.7	172.9
Meadow and wetland	0.0	0.0	5.6	2.9	0.1	0.0	31.2	0.0	0.0	39.8
Extent of shallow groundwater (acres)	1.3	?	?	30.2	16.5	14.6	172.5	15.9	28.3	--
Point-of-reference scenario extent (acres)										
Woody riparian	3.0	6.0	6.2	25.7	11.4	14.6	130.7	15.9	28.3	241.7
Meadow and wetland	0.0	0.0	5.6	2.0	0.7	0.0	41.8	0.0	0.0	50.1
Percent increase from point-of-reference scenario										
6,372-Ft Alternative	2.8	0.0	0.0	1.3	1.3	1.9	1.2	1.4	0.2	--
6,377-Ft Alternative	2.8	0.0	0.0	1.3	1.3	1.9	1.2	1.4	0.2	--
6,383.5-Ft Alternative	6.4	0.0	0.0	3.0	2.9	4.4	2.8	3.3	0.4	--
6,390-Ft Alternative	11.8	0.0	0.0	5.6	5.4	8.0	5.1	6.1	0.8	--
6,410-Ft Alternative	16.0	0.0	0.0	6.5	7.2	11.0	6.8	8.3	1.0	--
No-Diversion Alternative	12.7	0.0	0.0	6.0	5.8	8.7	5.5	6.6	0.8	--

	1a	1b	2a	2b	3a	3b	3c			Total
Lee Vining Creek										
Prediversion extent (acres)										
Woody riparian	18.2	2.1	15.0	14.9	23.2	34.7	4.3	112.4		
Meadow and wetland	21.6	0.0	0.0	0.0	0.0	12.8	9.2	43.6		
Point-of-reference extent (acres)										
Woody riparian	18.2	1.8	13.4	10.9	6.9	7.5	11.9	70.6		
Meadow and wetland	21.2	0.0	0.0	0.2	1.3	4.7	5.1	32.5		
Extent of shallow groundwater (acres)	?	?	?	8.0	22.3	32.1	22.8	--		
Point-of-reference scenario extent (acres)										
Woody riparian	18.2	1.8	13.4	10.9	21.0	27.4	17.7	110.4		
Meadow and wetland	21.2	0.0	0.0	0.2	1.3	4.7	5.1	32.5		

Table P-17. Continued

Percent increase from point-of-reference scenario								
6,372-Ft Alternative	?	?	?	7.5	6.0	5.2	5.3	--
6,377-Ft Alternative	?	?	?	7.5	6.0	5.2	5.3	--
6,383.5-Ft Alternative	?	?	?	7.7	6.1	5.3	5.4	--
6,390-Ft Alternative	?	?	?	10.7	8.5	7.3	7.5	--
6,410-Ft Alternative	?	?	?	18.2	14.4	12.5	12.8	--
No-Diversion Alternative	?	?	?	18.2	14.4	12.5	12.8	--

	1	2	3	4	Total
Parker Creek (Woody Riparian Only)					
Prediversion extent (acres)	14.5	35.4	2.5	5.9	58.3
Point-of-reference extent (acres)	15.2	31.3	0.5	2.2	49.2
Extent of shallow groundwater (acres)	6.6	40.1	5.0	5.1	56.8
Point-of-reference scenario extent (acres)	15.2	31.3	5.0	5.1	56.6
Extent of alternatives (acres)					
6,372-Ft Alternative	15.2	31.3	5.0	5.1	56.6
Other target lake level alternatives	15.7	32.2	5.1	5.2	58.2
No-Diversion Alternative	16.1	33.1	5.5	5.6	60.3

	1	2	3	4	5	Total
Walker Creek (Woody Riparian Only)						
Prediversion extent (acres)	19.4	0.9	11.4	15.2	2.8	49.7
Point-of-reference extent (acres)	19.0	0.1	9.8	12.9	1.2	43.0
Extent of shallow groundwater (acres)	27.9	5.2	7.0	?	?	--
Point-of-reference scenario extent (acres)	27.9	5.2	11.4	0.0	0.0	44.5
Extent of alternatives (acres)						
Most alternatives	27.9	5.2	11.4	0.0	0.0	44.5
No-Diversion Alternative	30.9	5.8	12.5	0.0	0.0	49.2

? = unknown.