

ATTACHMENT 6

Salinas River 2016-2025 Stream Maintenance Program  
SUMMARY OF IMPACTS AND FLOOD REDUCTION BENEFITS

RMU	Length (mi)	IMPACTS				FLOOD REDUCTION BENEFITS							
		By Habitat Type <sup>1</sup> (ac)				Flood Stage Reduction <sup>2</sup> (ft)				Reduction of Acres Flooded			
		LSHW	E/MSC	MSW	ESPR	Average		Maximum		Baseline <sup>3</sup>		Acres Saved <sup>4</sup>	
						5-yr	10-yr	5-yr	10-yr	5-yr	10-yr	5-yr	10-yr
1	33.0	3.4	15.6	0	183.9	0.1	0.1	1.5	1.3	6,200	7,150	130	115
2	8.0	0.4	1.3	0	57.0	0.3	0.3	1.5	1.4	2,050	2,950	130	300
3	15.3	0.9	0.9	0	114.7	1.5	0.4	1.5	1.8	4,600	6,200	500	420
4 <sup>5</sup>	8.5	0	3.2	6.0	21.5	0.4	0.3	1.9	1.3	3,400	6,200	150	20
5 <sup>5</sup>	6.5	0	0	3.2	13.0	0.1	0.1	0.4	0.4	3,600	4,000	40	10
6	15.2	5.4	6.9	0.5	28.2	0.2	0.1	2.1	1.6	4,000	6,600	145	100
7	5.5	3.0	0.1	3.1	4.0	0.2	0.1	1.7	1.7	4,200	7,400	340	120
<b>Totals</b>	<b>92.0</b>	<b>13.1</b>	<b>27.7</b>	<b>12.8</b>	<b>422.3</b>	--	--	--	--	<b>28,050</b>	<b>40,500</b>	<b>1,435</b>	<b>1,085</b>

NOTES

- <sup>1</sup> Impacts are shown for the following native riparian species habitats only: LSHW (low-stature herbaceous wetland), E/MSC (early- to mid-successional cottonwood forest), MSW (mid-successional willow), and ESPR (early-successional perennial riparian). The total impact to all of these habitat types is 476.1 acres. The Project will also disturb 161.9 acres of sparse herbaceous, 66 acres of arundo dominated, and 159.7 acres of unvegetated or bare ground habitat, for a total disturbance of 863.7 acres. Column totals may contain rounding errors.
- <sup>2</sup> Flood stage reduction is the reduction in depth of floodwaters, as calculated by the hydraulic model.
- <sup>3</sup> Baseline flooded acres includes all acreage shown by the hydraulic model to be inundated to any depth as a result of the 5-year or 10-year flood event, respectively, prior to implementation of the Project, as calculated by the hydraulic model.
- <sup>4</sup> Acres Saved represents the number of acres preserved from being inundated by floodwaters during the 5-year or 10-year flood event, respectively, as a result of implementing the Project, as calculated by the hydraulic model.
- <sup>5</sup> Impact quantities for RMUs 4 and 5 are relative to conditions before commencement of the Demonstration Project, but also reflect impact reductions resulting from adjustments to secondary channel alignments and other impact reduction measures achieved during the Demonstration Project.