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Table 3.1-6 of Draft EIR. Discharge, Depth and Velocity for Pre- and Post-Seven Oaks Dam Conditions, 50- and 100-Year Flood Events

	50-Year Flood		100-Year Flood	
	Pre – Seven Oaks Dam	Post – Seven Oaks Dam	Pre – Seven Oaks Dam	Post – Seven Oaks Dam
SAR CHANNEL BELOW MILL CREEK CONFLUENCE				
Discharge	45,000 cfs	15,500 cfs	75,00 cfs	25,000 cfs
Velocity (up to)	12 ft/s	10 ft/s	13 ft/s	11 ft/s
Average flow depth (up to)	9 ft	8 ft	11 ft	9 ft
OVERBANK^a				
Overbank Flood Area Acreage	1,379 acres	1,031 acres	1,653 acres	1,202 acres
Discharge	4,200 cfs	80 cfs	17,300 cfs	600 cfs
Velocity	2.5-4.5 ft/s	1.0-2.0 ft/s	3.5-7.0 ft/s	2.0-3.0 ft/s
Average flood depth	2.0-3.5 ft	0.5-1.0 ft	2.5-5.0 ft	1.0-2.5 ft
<i>Source:</i> USACE 2000.				
a. Overbank flooding is generally limited to three areas between the SAR confluence with Mill Creek downstream to RM 59.17 where the river is in an alluvial floodplain. Downstream of RM 59.17, the river is channelized and overbank flooding is unlikely.				

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