

RMPU 2013 Proposed Projects

Table 8-2a Projects Recommended for Discussion

PID	Project	Yield (acre-ft/yr)	Storm Water Recharge Unit Cost (\$/acre-ft)	Capital Cost	Total Annual Cost	Comment
1a	Montclair Basins - Transfer water between Montclair Basins and deepen MC 4	71	\$4,633	\$5,050,000	\$331,131	Unit Cost is too high.
5a	North West Upland Basin - Increase drainage area and basin enlargement	93	\$3,266	\$4,640,000	\$305,241	Unit Cost is too high.
21a	RP3 Basin Improvements (2010 RMPU) - Inlet improvements and enlargement	406	\$2,197	\$13,464,000	\$890,831	The existing RP3 Basins combined with the 2013 RMPU Proposed RP3 Improvements (PID 23a in Table 8-2c) will capture most of the water passing through the RP3 Basins. The remaining benefit would result in a unit cost that is too high.
26a	Sultana Avenue- Deepen basin by 10 feet	7	\$4,697	\$502,200	\$32,958	Unit Cost is too high.

Table 8-2a Projects Not Recommended for Discussion

PID	Project	Yield (acre-ft/yr)	Storm Water Recharge Unit Cost (\$/acre-ft)	Capital Cost	Total Annual Cost	Comment
3	Montclair Basins - Automate inlet to MC 16	0	-	\$50,000	(\$2,700)	Reduce operation cost, no yield.
4	Montclair Basins - Construct low-level drains from Basin 1 to 2 and 2 to 3	0	-	\$790,000	\$1,400	No new yield.
6	Princeton Basin - Basin enlargement and increased drainage area	0	-	-	-	The SBCFCD did not allow the City of Ontario to connect the new 5th Street storm drain to the Princeton Basin. The SBCFCD required improvements to the Princeton Basin which made the cost infeasible before a Cost Opinion was done.
8 and 9	San Sevaine Basins - Extend IEUA recycled water pipeline to SS 3 and construct internal berm in SS 5, and Construct internal berms in SS 1 and SS 2 and install a gate between SS 1 and SS 2	345	\$283	\$1,610,000	\$117,419	Similar work recommended in PDR, 345 SW Yield part of 642 acre-feet projection.
10	San Sevaine Basins - Increase CB13T capacity and power supply	0	-	\$300,000	\$0	CB13T is the imported water turnout.
13	Lower Day Basin - Install gate on mid-level outlet	75	\$554	\$600,000	\$41,777	Included in PID 12.
16	Ontario Bioswale Project - New bioswale	8	\$0	\$650,000	\$42,577	Project completed.
24	Vulcan Pit- Construct new inflow and outflow structures	857	\$1,088	\$13,850,000	\$932,548	City of Fontana currently has a pending project, "Vulcan Pit Flood Control and Aquifer Recharge Project," within this basin. WEI does not recommend pursuing it unless the pending project is cancelled.