

Yucaipa Sustainable Groundwater Management Agency

Material distributed to meeting participants
on August 29, 2018

Agenda Item V.A.

Status Report on the Sustainable Groundwater Management Act Grant
Supporting Work by the Yucaipa Sustainable Groundwater Management
Agency

Task	Task	Anticipated Project Costs	Grant	Required Cost Share of Total Project Cost (25%)	Remaining Amount Owed after Grant and 25% Required Cost Share	Total Required Cost by Agencies (column F + column G)	Previously Paid	Balance	South Mesa Water Company (18.75%)	South Mountain Water Company (18.75%)	WHWC (18.75%)	YVWD (18.75%)	Calimesa (5%)	Redlands (5%)	Yucaipa (5%)	Valley (5%)	SGPWA (5%)
Budget Category A (Grant Administration)																	
1	Administration	\$ 6,667	\$0.00	1,667	5,000	6,667	\$ -	\$6,667	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250
2	Invoicing	\$ 6,667	\$0.00	1,667	5,000	6,667	\$ -	\$6,667	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250
3	Reporting	\$ 6,667	\$0.00	1,667	5,000	6,667	\$ -	\$6,667	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250
	Subtotal Budget Category A	\$ 20,000	\$0.00	5,000	15,000	20,000	\$ -	\$20,000	\$3,750	\$3,750	\$3,750	\$3,750	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Budget Category B (Planning Activities)																	
4.1	Yucaipa Basin Groundwater Model	\$ 598,800	(\$359,280.00)	149,700	89,820	239,520	\$ -	\$239,520	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$239,520	\$0
4.2	Infiltration Testing	\$ 367,264	(\$220,358.40)	91,816	55,090	146,906	\$ -	\$146,906	\$27,545	\$27,545	\$27,545	\$27,545	\$7,345	\$7,345	\$7,345	\$7,345	\$7,345
	Infiltration Testing (Previously Paid Amount)						(\$67,264.00)	(\$67,264)	(\$5,530)	\$0	(\$5,212)	(\$15,564)	\$0	\$0	(\$6,235)	(\$29,933)	(\$4,790)
	Subtotal Budget Category B	\$ 966,064	(\$579,638.40)	241,516	144,910	386,426	(\$67,264.00)	\$319,162	\$22,015	\$27,545	\$22,332	\$11,981	\$7,345	\$7,345	\$1,110	\$216,932	\$2,556
Budget Category C (GSP Development)																	
5.1	Establish Governance of GSA - Complete	\$ -	\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5.2	Outreach	40,000	(\$24,000.00)	10,000	6,000	16,000	\$ -	\$ 16,000	\$3,000	\$3,000	\$3,000	\$3,000	\$800	\$800	\$800	\$800	\$800
5.3	Stakeholder Input - TAC	25,000	(\$15,000.00)	6,250	3,750	10,000	\$ -	\$ 10,000	\$1,875	\$1,875	\$1,875	\$1,875	\$500	\$500	\$500	\$500	\$500
6.1	Current and Historic Groundwater Conditions	20,000	(\$12,000.00)	5,000	3,000	8,000	\$ -	\$ 8,000	\$1,500	\$1,500	\$1,500	\$1,500	\$400	\$400	\$400	\$400	\$400
6.2	Plan Area Including Land Use	60,000	(\$36,000.00)	15,000	9,000	24,000	\$ -	\$ 24,000	\$4,500	\$4,500	\$4,500	\$4,500	\$1,200	\$1,200	\$1,200	\$1,200	\$1,200
6.3	Water Budget and Sustainable Yield	38,000	(\$22,800.00)	9,500	5,700	15,200	\$ -	\$ 15,200	\$2,850	\$2,850	\$2,850	\$2,850	\$760	\$760	\$760	\$760	\$760
6.4	Management Areas	12,480	(\$7,401.89)	3,120	1,958	5,078	\$ -	\$ 5,078	\$952	\$952	\$952	\$952	\$254	\$254	\$254	\$254	\$254
6.5	Undesirable Results, Minimum Thresholds, Measurable Objectives	40,000	(\$24,000.00)	10,000	6,000	16,000	\$ -	\$ 16,000	\$3,000	\$3,000	\$3,000	\$3,000	\$800	\$800	\$800	\$800	\$800
6.6	Projects and Management Actions to Achieve Sustainability Goal	30,000	(\$18,000.00)	7,500	4,500	12,000	\$ -	\$ 12,000	\$2,250	\$2,250	\$2,250	\$2,250	\$600	\$600	\$600	\$600	\$600
6.7	Plan Implementation Actions	17,000	(\$10,200.00)	4,250	2,550	6,800	\$ -	\$ 6,800	\$1,275	\$1,275	\$1,275	\$1,275	\$340	\$340	\$340	\$340	\$340
6.8	Existing and Planned Monitoring Network	\$ 10,000	(\$6,000.00)	2,500	1,500	4,000	\$ -	\$ 4,000	\$750	\$750	\$750	\$750	\$200	\$200	\$200	\$200	\$200
6.9	GSP Adoption	\$ 100,100	(\$60,060.00)	25,025	15,015	40,040	\$ -	\$ 40,040	\$7,508	\$7,508	\$7,508	\$7,508	\$2,002	\$2,002	\$2,002	\$2,002	\$2,002
	Subtotal Budget Category C	\$ 392,580	(\$235,461.89)	98,145	58,973	157,118	\$ -	\$ 157,118	\$29,460	\$29,460	\$29,460	\$29,460	\$7,856	\$7,856	\$7,856	\$7,856	\$7,856
	GSP Development - Additional Cost (based on Dudek cost estimate 08-17-2018)	\$ 421,920	\$ -	105,480	316,440	421,920	\$ -	\$ 421,920	\$79,110	\$79,110	\$79,110	\$79,110	\$21,096	\$21,096	\$21,096	\$21,096	\$21,096
	GSP TOTAL	\$ 1,800,564	(\$815,100)	450,141.00	535,322.71	985,463.71	\$ -	\$918,200	\$134,334	\$139,864	\$134,652	\$124,300	\$37,297	\$37,297	\$31,062	\$246,884	\$32,508
TOTAL																	

Groundwater Sustainability Plan - Anticipated Costs

USGS Groundwater Model - \$598,800 (Valley District)

Infiltration Work Plan - \$67,264 (Previously Paid)

	Total Cost	Requested Grant Funds	Required Cost Share - 25%	Remaining Balance	Previously Paid	Balance
Water Purveyors						
GSA Cost Sharing - 75%						
South Mesa Water Company (18.75%)	\$225,331	\$ 85,466.25	\$56,333	\$139,865	(\$5,530)	\$134,335
South Mountain Water Company (18.75%)	\$225,331	\$ 85,466.25	\$56,333	\$139,865	\$0	\$139,865
Western Heights Water Company (18.75%)	\$225,331	\$ 85,466.25	\$56,333	\$139,865	(\$5,212)	\$134,652
Yucaipa Valley Water District (18.75%)	\$225,331	\$ 85,466.25	\$56,333	\$139,865	(\$15,564)	\$124,301
Sum	\$901,323	\$341,865	\$225,331	\$559,458	(\$26,306)	\$533,152
Municipalities and Regionals						
GSA Cost Sharing - 25%						
City of Calimesa (5%)	\$60,088	\$ 22,791.00	\$15,022	\$37,297	\$0	\$37,297
City of Redlands (5%)	\$60,088	\$ 22,791.00	\$15,022	\$37,297	\$0	\$37,297
City of Yucaipa (5%)	\$60,088	\$ 22,791.00	\$15,022	\$37,297	(\$6,235)	\$31,062
San Bernardino Valley MWD (5%)	\$60,088	\$ 22,791.00	\$15,022	\$37,297	(\$29,933)	\$7,364
San Bernardino Valley MWD - USGS Model (100%)	\$598,800	\$ 359,280.00	\$149,700	\$239,520		\$239,520
San Gorgonio Pass Water Agency (5%)	\$60,088	\$ 22,791.00	\$15,022	\$37,297	(\$4,790)	\$32,508
Sum	\$899,241	\$ 473,235.00	\$224,810	\$426,006	(\$40,958)	\$385,048
TOTAL	\$1,800,564	\$815,100	\$450,141	\$985,464	(\$67,264)	\$918,200

	GSP Development Grant Funds	
	\$	235,500.00
	GSP Development	
TODD GW	\$	477,514.00
WSC	\$	788,419.00
Dudek (old cost)	\$	1,180,480.00
Dudek (new cost)	\$	814,500.00

	Total Cost (TODD GW)	Total Cost (WSC)	Total Cost (DUDEK)	Grant Funds Available	Remaining Costs (TODD GW)	Remaining Costs (WSC)	Remaining Costs (DUDEK)
Cost Distribution (per MOA)							
<u>Water Purveyors</u>							
<i>GSA Cost Sharing - 75%</i>							
South Mesa Water Company (18.75%)	\$ 89,533.88	\$ 147,828.56	\$ 152,718.75	\$ 44,156.25	\$ 45,377.63	\$ 103,672.31	\$ 108,562.5000
South Mountain Water Company (18.75%)	\$ 89,533.88	\$ 147,828.56	\$ 152,718.75	\$ 44,156.25	\$ 45,377.63	\$ 103,672.31	\$ 108,562.5000
Western Heights Water Company (18.75%)	\$ 89,533.88	\$ 147,828.56	\$ 152,718.75	\$ 44,156.25	\$ 45,377.63	\$ 103,672.31	\$ 108,562.5000
Yucaipa Valley Water District (18.75%)	\$ 89,533.88	\$ 147,828.56	\$ 152,718.75	\$ 44,156.25	\$ 45,377.63	\$ 103,672.31	\$ 108,562.5000
Sum	\$ 358,135.50	\$ 591,314.25	\$ 610,875.00	\$ 176,625.00	\$ 181,510.50	\$ 414,689.25	\$ 434,250.00
<u>Municipalities and Regionals</u>							
<i>GSA Cost Sharing - 25%</i>							
City of Calimesa (5%)	\$ 23,875.70	\$ 39,420.95	\$ 40,725.0000	\$ 11,775.00	\$ 12,100.70	\$ 27,645.95	\$ 28,950.0000
City of Redlands (5%)	\$ 23,875.70	\$ 39,420.95	\$ 40,725.0000	\$ 11,775.00	\$ 12,100.70	\$ 27,645.95	\$ 28,950.0000
City of Yucaipa (5%)	\$ 23,875.70	\$ 39,420.95	\$ 40,725.0000	\$ 11,775.00	\$ 12,100.70	\$ 27,645.95	\$ 28,950.0000
San Bernardino Valley MWD (5%)	\$ 23,875.70	\$ 39,420.95	\$ 40,725.0000	\$ 11,775.00	\$ 12,100.70	\$ 27,645.95	\$ 28,950.0000
San Geronio Pass Water Agency (5%)	\$ 23,875.70	\$ 39,420.95	\$ 40,725.0000	\$ 11,775.00	\$ 12,100.70	\$ 27,645.95	\$ 28,950.0000
Sum	\$ 119,378.50	\$ 197,104.75	\$ 203,625.00	\$ 58,875.00	\$ 60,503.50	\$ 138,229.75	\$ 144,750.00
TOTAL	\$ 477,514.00	\$ 788,419.00	\$ 814,500.00	\$ 235,500.00	\$ 242,014.00	\$ 552,919.00	\$ 579,000.00

**Yucaipa Sustainable
Groundwater Management Agency**

Material distributed to meeting participants
on August 29, 2018

Agenda Item V.C.

Status Report on the Infiltration Testing Study for the Yucaipa Basin

Table 1. Project Schedule (revised 2018-08-14)

Month	July				August				September				October				November	
Dates (Mon - Sun)	July 9-15	Jul 16-22	July 23-29	Jul 30-Aug 5	Aug 6-12	Aug 13-19	Aug 20-26	Aug 27-Sep2	Sep 3-9	Sep 10-16	Sep 17-23	Sep 24-30	Oct 1-7	Oct 8-14	Oct 15-21	Oct 22-28	Oct 29-Nov 4	Nov 5-11
Completed																		
Task 2. Infiltration Testing																		
<i>Skid A</i>																		
A.1 Tennessee Street Basins																		
A.3 Chapman Heights Basin																		
A.7 Yucaipa Creek at California St. (EX-5)																		
A.7A South of Yucaipa Creek at California St. (EX-5)																		
A.9A Oak Glen Creek Basins (EX-2) - Excavated																		
A.9A Oak Glen Creek Basins (EX-2) - Bermed																		
<i>Skid B</i>																		
B.2 Dunlap Channel																		
B.4 10th St. and Avenue E (EX-7)																		
B.8 Wilson Creek Basins (EX-1)																		
B.6 Wilson Creek III (EX-3)																		
A.5 Oak Glen Creek - Western Heights (EX-9)																		
B.10 Wildwood Creek Basins (EX-4)																		
Task 3. Draft and Final Reports																		
3.1. Prepare Draft Report																		
Agency Review																		
3.2. Prepare Final Report																		

- = Site Preparation (Excavation/Fencing/Equipping/Start Fill)
- = Infiltration Testing (Process Monitoring/Data Collection)
- = Infiltration Testing End (Site Demobilization and Restoration/Equipment Transfer to Next Site [if applicable])