

GROUNDWATER SUSTAINABILITY PLAN



Status Report
May 21, 2019

PASO ROBLES GSP

- ▶ 5 GSA's working together under the terms of a Memorandum of Agreement (MOA)
 - County of San Luis Obispo
 - Shandon-San Juan Water District
 - Heritage Ranch CSD
 - San Miguel CSD
 - City of Paso Robles
- Under terms of the MOA, the costs associated with the development of the GSP is allocated based on percentages. San Miguel GSA is allocated 3% of the associated GSP costs.
- Heritage Ranch CSD was removed from the Paso Robles GW Basin and their obligations under the terms of the GSP. Their 1% obligations was proportionately distributed to the other 4 GSA's.

GSP BUDGET

Paso Robles Basin Cooperative Committee Agenda Report

From: Cooperative Committee Treasurer
Dick McKinley, Public Works Director, City of El Paso de Robles GSA
Subject: Budget Report with Recommendation to increase GSP budget and direct staff to negotiate corresponding consultant contract amendment
Date: May 22, 2019

Background

The GSA partners have agreed, through the MOA, to share costs of preparing the GSP. The partners applied for and received a grant from the State to prepare the GSP. The City of Paso Robles is the grant administrator as well as the contract administrator.

Response

To date the City has received ten invoices from the consultant team. The GSA partners have a signed Grant Agreement, and are preparing a large grant reimbursement request at this time.

Grant Amount	\$1,500,000
Contract Amount	\$1,363,515
Total Invoiced To Date Amount	\$1,211,964 (89%)
Remaining Contract Amount	\$ 151,576 (11%)
Grant Reimbursement Requested	\$1,013,681
Eligible Additional Grant Funds	\$ 136,485

Analysis and Conclusions

The Cooperative Committee has called for re-writes of Chapters 9 and 10, with a continued expectation of a robust public input process. In addition, the Cooperative Committee has encouraged increasing the monitoring well network, and some other changes to the Groundwater Sustainability Plan (GSP).

This Budget Report shows that there are \$136,000 available that could be used for this additional work, with 100% reimbursement from the DWR grant. The Cooperative Committee could increase the GSP budget by \$136,000, and direct the GSA staff to negotiate a contract amendment with Montgomery & Associates for the tasks identified above, subject to ratification by each of the four GSA Boards. Following the ratification process, the City of Paso Robles would need to take action to amend the contract.

Recommendation

1. Receive and file the Budget Report
2. Increase the budget by \$136,000 and direct the GSA staff to negotiate a contract amendment.
3. Send the budget amendment to each GSA Board for ratification.

GSP Schedule

Paso Robles GSP Tentative Chapter Release Schedule	Internal Draft Chapters			Public Draft Chapters					Admin. Draft Chapters
	Draft to GSA Staff	GSP Staff Round Table Discussions	Staff Comments Due	Post CC Agenda Packet	CC Meeting	Posting: Paso GCP.com	Public Comment to GSAs	GSA Comments to Consultants	Consultants address comments
Responsible Party	Montgomery	Internal/staff	Staff	Montgomery	Montgomery	TBD	Public	Staff	Montgomery
Chapters 1-3; C&E in Ch. 11					25-Jul-18	31-Aug	15-Oct		14-Dec
Chapter 5, Chapter 4 revised	12-Sep-18		26-Sep-18	10-Oct-18	17-Oct-18	24-Oct	10-Dec	26-Dec	10-Jan
Appendices 4A, 4B, 5	26-Sep-18		9-Oct-18	16-Jan-19	6-Mar-19	27-Feb-19	15-Apr-19	29-Apr-19	13-May-19
Chapter 6	14-Dec-18	23-Jan-19	13-Feb-19	27-Feb-19	6-Mar-19	27-Feb-19	15-Apr-19	29-Apr-19	13-May-19
Appendix 6A	31-Dec-18	23-Jan-19	13-Feb-19	27-Feb-19	6-Mar-19	27-Feb-19	15-Apr-19	29-Apr-19	13-May-19
Chapter 7	30-Jan-19	1-31-19 to 2-13-19	13-Feb-19	27-Feb-19	6-Mar-19	27-Feb-19	15-Apr-19	29-Apr-19	13-May-19
Chapter 8	30-Jan-19	1-31-19 to 2-13-19	13-Feb-19	27-Feb-19	6-Mar-19	27-Feb-19	15-Apr-19	29-Apr-19	13-May-19
Chapter 9, 10, 12 (rest of 11)	20-Mar-19	21-Mar-19 to 3-Apr-19	3-Apr-19	17-Apr-19	24-Apr-19	17-Apr-19	3-Jun-19	17-Jun-19	1-Jul-19
Chapter 9, 10, 12 (rest of 11)	17-Apr-19	21-Mar-19 to 3-Apr-20	1-May-19	15-May-19	22-May-19	16-May-19	1-Jul-19	15-Jul-19	29-Jul-19
Days from Public receiving all Chapters to final GSP adoption - 209									

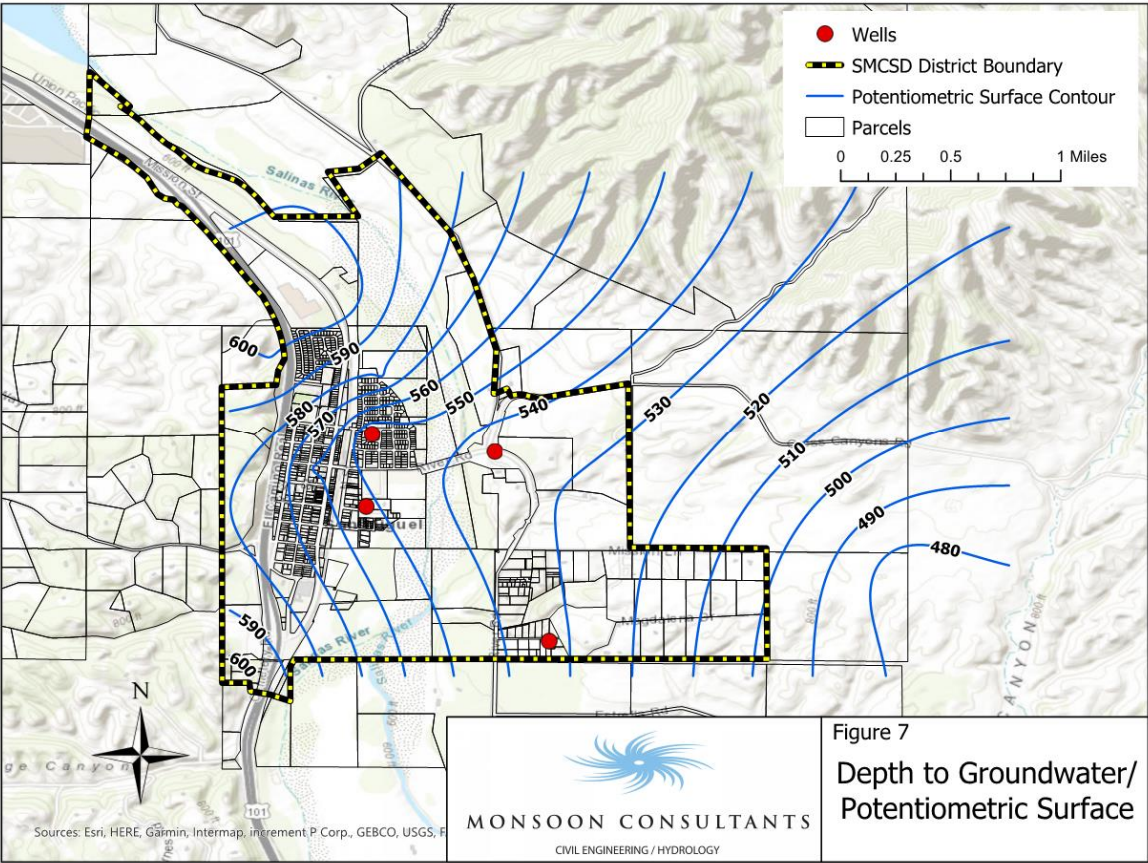
CRITICAL DATE

Paso Robles GSP, Tentative GSP Release Schedule	GSP Publicly Available								Deadline to Submit to DWR
	Draft GSP		90 Days			Final Draft GSP		Final GSP	
	PBCC BOARD receives Consultants issue Draft GSP (all chapters)	GSAs Issue Notice of Intent to Adopt (90+ Days required Notice)	Public and GSA Comments on Draft GSP	Consultants address comments, issue Final Draft GSP	Finalize Plan CC Review, Vote Recom- mendation on adopting	Last Window to Resolve Differences	Begin GSA governing bodies each adopt GSP	Each GSA Board or Council Considers and accepts or rejects GSP	
Estimated completion date	8-Aug-19	15-Aug-19	29-Sep-19	13-Nov-19	15-Nov-19	6-Dec-19	10-Dec-19	30-Jan-20	31-Jan-20
Responsible Party	Montgomery	GSA's	GSA/Public	Montgomery		ALL	GSA	GSA Boards	
Original Date	16-Aug	23-Aug	7-Oct	22-Oct	21-Nov		23-Dec		
Difference from Orig	-15	-10	-10	+11	-8		-6		
Explanation of timing	CT requested time	* coincide w/BOS meeting (provides buffer if any missed dates earlier)	*consistent w/ previous time for comments	Per original Schedule	2nd Wed		* BOS meeting on calendar for 17-Dec	GSA Staff submits	
Days from Public receiving full draft to final GSP adoption - 124									

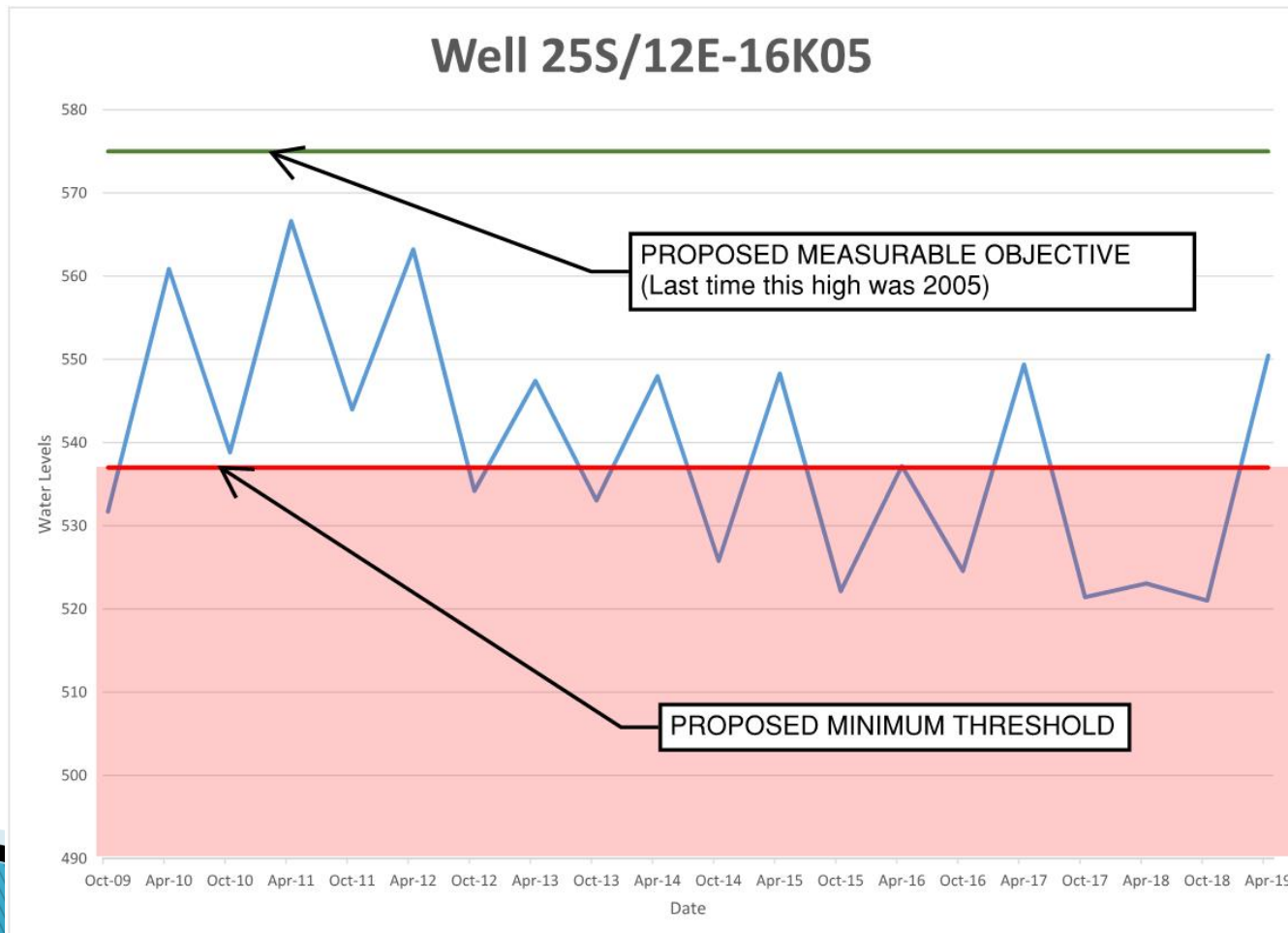
GSP CHAPTERS

GSP CHAPTER	STATUS
1. INTRODUCTION TO PASO ROBLES SUBBASIN GSP	DRAFT RECEIVED & FILED BY GSA'S
2. AGENCY INFORMATION	DRAFT RECEIVED & FILED BY GSA'S00 3.
3. DESCRIPTION OF PLAN AREA	DRAFT RECEIVED & FILED BY GSA'S
4. HYDROGEOLOGICAL CONCEPTUAL MODEL	DRAFT RECEIVED & FILED BY GSA'S
5. GROUNDWATER CONDITIONS	DRAFT RECEIVED & FILED BY GSA'S
6. WATER BUDGET	DRAFT RECEIVED & FILED BY GSA'S
7. MONITORING NETWORK	DRAFT RECEIVED & FILED BY GSA'S
8. SUSTAINABLE MANAGEMENT CRITERIA	DRAFT RECEIVED & FILED BY GSA'S
9. PROJECTS AND MANAGEMENT ACTIONS	SMGSA TO RECEIVE & FILE ON JUNE 27, 2019
10. PLAN IMPLEMENTATION	SMGSA TO RECEIVE & FILE ON JUNE 27, 2019
11. PUBLIC NOTICE AND COMMUNICATION	SMGSA TO RECEIVE & FILE ON JUNE 27, 2019
12. INTERAGENCY AGREEMENTS	SMGSA TO RECEIVE & FILE ON JUNE 27, 2019
REFERENCES AND APPENDICES (A-K)	DRAFT APPENDICES (A-G & F) FILES / H-K IN JUNE


SUSTAINABLE MANAGEMENT CRITERIA



MEASUREABLE OBJECTIVES & MINIMUM THRESHOLDS



GROUNDWATER BASIN STATUS

- ▶ Groundwater levels are declining in many parts of the Subbasin, indicating that the amount of groundwater pumping is more than the natural recharge (Chapter 5).
 - ▶ Water budgets (Chapter 6) indicate that amount of groundwater in storage will continue to decline in the future at an estimated rate of nearly 14,000 acre-feet per year (AFY), which assumes no increase in pumping. If undeveloped properties also develop in a way that requires the use of groundwater, the deficit would be greater.
 - ▶ To stop persistent declines in groundwater levels, achieve the sustainability goal by 2040, and avoid undesirable results through 2070 as required by SMGA regulations, groundwater pumping reductions will be needed. In most cases, a reduction in groundwater pumping will occur as a result of management actions, except where a new water supply is provided and used in lieu of pumping groundwater. Projects to bring in new water supplies included in this chapter are based on previous publicly-vetted feasibility studies.
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MANAGEMENT ACTIONS & PROJECTS

Level 1 = De Minimis self-cert program, Non-De Minimis metering/monitoring and basin-wide voluntary water use efficiency programs

Level 2 = Mandatory pumping reductions in specific areas (may be accomplished by alternative means [i.e. groundwater conservation program and/or projects])

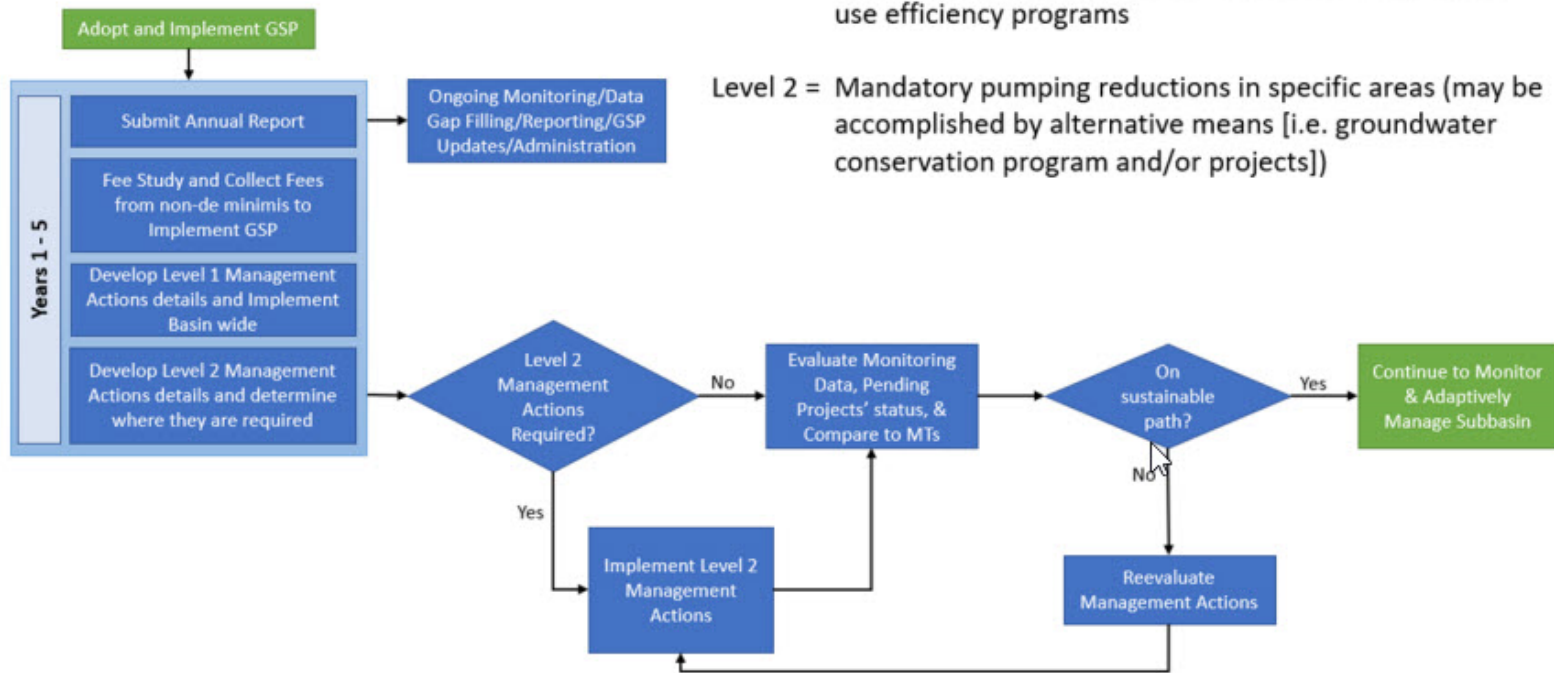




Figure 9-1: Conceptual Implementation Approach for Management Actions and Projects

LEVEL 1 MANAGEMENT ACTIONS

- ▶ Encouraging BMPs to optimize and reduce groundwater use.
 - ▶ Initiating a well interference mitigation program that includes:
 - Rotating groundwater pumping on agreed upon schedules to optimize and reduce groundwater use.
 - Well spacing requirements
 - ▶ Promoting stormwater capture.
 - ▶ Voluntary fallowing of irrigated crop land.
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LEVEL 2 MANAGEMENT ACTIONS

- ▶ Mandatory pumping reductions in specific areas.
 - ▶ Developing funding structures to pay for and implement alternative programs and projects that achieve the same reductions:
 - A groundwater conservation program designed to control groundwater pumping by regulating, limiting or suspending pumping from individual groundwater wells or from all groundwater wells in areas where minimum thresholds are threatened or exceeded.
 - Retirement of agricultural land and suspending the associated groundwater pumping
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PROJECTS

The projects presented in this GSP rely on six potential sources of water for groundwater recharge or in-lieu use:

- ▶ Tertiary treated wastewater supplied and sold by City of Paso Robles and the San Miguel CSD to private groundwater extractors to us in lieu of groundwater. This water is commonly referred to as recycled water (RW).
 - ▶ State Water Project (SWP) water
 - ▶ Nacimiento Water Project (NWP) water
 - ▶ Salinas Dam/Santa Margarita Reservoir water
 - ▶ Local recycled water
 - ▶ Flood Flows from Local Rivers and Streams
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