

**SOUTHWEST KINGS  
GROUNDWATER SUSTAINABILITY AGENCY**

100.04

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LAUREN LAYNE

**MEMORANDUM**

**DATE:** August 1, 2018

**TO:** Board of Directors & Interested Parties

**FROM:** Dale Melville & Joe Hopkins

**SUBJECT:** August Status Report

Below is a summary of the current status for various issues for the SWKGSA. Don't hesitate to call Dale Melville, Joe Hopkins, or Rick Besecker if you have any questions or need additional information.

## 1. Financial

a. SWKGSA submitted its assessment roll to Kings County for inclusion on the property tax bill in the amount of \$270,560.30 (\$3.00 per acre). There remain six unpaid assessments from 2018 totaling \$2,976.76.

b. Balance in banking accounts as of 8/1/2018:

Bank of America	\$ 2,168.35
Local Agency Investment Fund	<u>243,117.86</u>
Total	\$ 245,286.21

c. Grants:

- i. The Tulare Lake Subbasin is scheduled to receive \$1,500,000 DWR grant to develop a Groundwater Sustainability Plan ("GSP") for the Subbasin. A contract to prepare the GSP has been awarded to a consultant team (see item 3 below). A contract with DWR will be forthcoming late summer or early fall; however, funds are unlikely to be available from DWR until late 2018 or early 2019. The SWKGSA share of funding the GSP is approximately \$275,000, which will be reimbursed once the DWR grant funds are received.
- ii. Since Mid-Kings River GSA ("MKRGSA") is the contracting agency for the DWR grant; on behalf of the Tulare Lake Subbasin, MKRGSA contracted directly with Wood (formerly AMEC) for GSP development. Each GSA is providing MKRGSA "seed funding" for the cash flow necessary to pay Wood for the GSP work until the MKRGSA is reimbursed by DWR and the SWKGSA is reimbursed by MKRGSA.

- d. Budget report through July 2018 is attached.
2. Subbasin Coordination
- a. Modeling effort: Wood has completed the first draft of the groundwater model under their prior contract. A presentation will be made to the Kings County Board of Supervisors on August 7, 2018. After approval by Kings County Board of Supervisors, the report will be submitted to DWR. Following the Board of Supervisors meeting, the presentation will be posted on SWKGSA's website ([swkggsa.org](http://swkggsa.org)). The model will continue to be refined by Wood under the GSP scope of work, with the intent of incorporating additional local data and addressing boundary issues with input from neighboring subbasins.
  - b. The Tulare Lake Subbasin GSAs are now meeting bi-monthly.
    - i. At the 7/13/2018 meeting the group discussed the possibility of requesting a second round of seed funding as we wait for DWR reimbursement. We received an update on the initial groundwater model and shared updates on data collection efforts with neighboring subbasins. Finally, we reviewed the Communication and Engagement Plan that will be used to inform stakeholders and interested parties in each GSA.
    - ii. At the 7/24/2018 meeting the group received an update on the GSP development, including a revised schedule and a primer on Sustainable Management Criteria to facilitate the development of Minimum Thresholds, potential projects, and Management Actions.
    - iii. The August meetings will be held 8/10/2018 and 8/23/2018.
3. Groundwater Sustainability Plan ("GSP") Development
- a. The GSA representatives of the Tulare Lake Subbasin selected Wood (formerly AMEC) for GSP development. SWKGSA is working collectively with the other Tulare Lake Subbasin GSAs to develop a single GSP for the Subbasin. The Subbasin is within a critically overdrafted groundwater basin, thus required by SGMA to submit a comprehensive GSP to DWR no later than January 2020. The GSP must develop a preliminary plan to achieve groundwater sustainability with regards to established goals for groundwater elevation, storage, quality, and subsidence. The GSP must also develop measurable objectives, interim milestones, and threshold levels that would trigger mitigation actions to maintain the goals established by the Subbasin and/or Management Areas within the Subbasin.
  - b. The consultant has provided for review:
    - i. Draft GSP Outline
    - ii. Draft Communication and Engagement Plan
    - iii. Discussion material regarding Management Areas
    - iv. Discussion material regarding Undesirable Results
  - c. A draft water budget has been prepared specific to the SWKGSA as a check against the regional groundwater modeling effort. The water budget was presented at the SWKGSA July board meeting and is available on the website ([swkggsa.org](http://swkggsa.org)). The effort consisted of collecting cropping and water delivery data for the area from local sources as well as publicly available data to better understand the inputs and outputs of water in the

SWKGSA. This method did not attempt to quantify groundwater flows across our GSA boundary, as there was not enough groundwater data to evaluate. The data from within the SWKGSA and the neighboring subbasin will be provided to the GSP development team for inclusion during refinement of the modeling.

- d. Tentative schedule: Attached is an updated list of tasks and the tentative schedule for completion of the GSP; the schedule of individual tasks will be revised based on the GSP consultant's (Wood's) schedule adjustments, but the completion date of September 2019 for public review and January 2020 submittal to DWR are fixed.

Attachments: Budget Report through 7/31/2018  
Schedule for GSP Development

**Southwest Kings Groundwater Sustainability Agency  
2018 Budget Comparison (August)**

Description	Adopted 2018 Budget	ACTUAL								PROJECTED				Total Actual/ Projected Charges	Total Over/ (Under) Budget
		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18		
Management	50,000	3,260	3,293	6,060	3,995	3,810		10,538		4,167	4,167	4,167	4,167	47,621	(2,379)
Legal	20,000	446	110	330		220		428		1,667	1,667	1,667	1,667	8,200	(11,800)
Clerical	6,000	156	126	327		114		180		500	500	500	500	2,903	(3,097)
Insurance	-									-	-	-	-	-	-
Website	2,000	17	27	45	153	45		117		167	167	167	167	1,070	(930)
Audit	1,000													-	(1,000)
GSP	245,000		7,953	4,748	6,594	49,058		7,278		20,417	20,417	20,417	20,417	157,297	(87,703)
Contingency	20,000	529	37	34	35	60	137	35		1,667	1,667	1,667	1,667	7,534	(12,466)
<i>Total Budget Expended</i>	<i>344,000</i>	<i>4,408</i>	<i>11,546</i>	<i>11,543</i>	<i>10,777</i>	<i>53,306</i>	<i>137</i>	<i>18,575</i>	<i>-</i>	<i>28,583</i>	<i>28,583</i>	<i>28,583</i>	<i>28,583</i>	<i>224,625</i>	<i>(119,375)</i>
DRWD Reimbursements 1)	-		42,469											42,469	42,469
RD761 Reimbursements 2)	-		42,469											42,469	42,469
DRWD Cash Contributed 3)	-		13,000											13,000	13,000
<i>Total Expended</i>	<i>344,000</i>	<i>4,408</i>	<i>109,485</i>	<i>11,543</i>	<i>10,777</i>	<i>53,306</i>	<i>137</i>	<i>18,575</i>	<i>-</i>	<i>28,583</i>	<i>28,583</i>	<i>28,583</i>	<i>28,583</i>	<i>322,564</i>	<i>(21,436)</i>
<i>Projected Income</i>															
Assessments	455,906	209,891				241,516		1,524						452,931	(2,976)
Delinquent Assessments	-												2,977	2,977	2,977
Interest	-				118	111		51			707			986	986
<i>Total Income</i>	<i>455,906</i>	<i>209,891</i>	<i>-</i>	<i>-</i>	<i>118</i>	<i>241,626</i>	<i>-</i>	<i>1,574</i>	<i>-</i>	<i>-</i>	<i>707</i>	<i>-</i>	<i>2,977</i>	<i>456,894</i>	<i>988</i>
<i>Cash on Hand</i>	<i>307</i>	<i>205,790</i>	<i>96,305</i>	<i>84,762</i>	<i>74,103</i>	<i>262,423</i>	<i>262,287</i>	<i>245,286</i>	<i>245,286</i>	<i>216,703</i>	<i>188,827</i>	<i>160,243</i>	<i>134,637</i>		
Rate needed	5.00														

- 1) Reimbursement for the 2017 SWKGSA formation costs from 7/8/15 through 8/9/17 paid by DRWD.
- 2) Reimbursement for the 2017 SWKGSA formation costs from 7/8/15 through 8/9/17 paid by RD761.
- 3) Reimbursement for \$13,000 DRWD contributed from 8/10/17 thought 12/31/17 to fund operations.

SWKGSA SCHEDULE FOR GSP DEVELOPMENT & SUBMITTAL TO DWR

rev 7/31/2018

Task No.	Task Description	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20
1	Subbasin model development & simulation																							
a	Model refinement and calibration							o																
	Forecast simulations																							
	Reporting																							
2	Development of data management system																							
a	Evaluation of systems								XX			o												
b	Selection of system												h/hh											
c	DMS Setup - Draft																	o						
	DMS Setup - Final																						o	
d	On-going annual updates																						ooo	
3	Groundwater Sustainability Plan development																							
a	Selection of consultant	hh	hh																					
b	Prepare GSP																							
i	Plan Area					o																		
ii	Basin Setting						XX	o																
iii	Sustainable Management Criteria					XX		XX		o														
iv	Monitoring Network								XX			o												
vii	Projects and Management Actions								XX			o	o											
viii	Draft GSP Document																							
	Preliminary Draft													o										
	Public Draft																							
	Public review period																		oo	oo	oo			
	Final GSP																						o	ooo
	Adoption hearing																					h		
4	Stakeholder outreach & updates		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
a	Policy discussions affecting SWKGSA																							
5	Coordination within subbasin & neighboring subbasins	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
6	District administration and updates	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o

- Legend:
- o status report emailed to Board and posted on website
  - ⊕ meeting with interested stakeholders
  - o submittal (for Subbasin/SWKGSA review)
  - oo submittal (for public review)
  - ooo submittal (to DWR)
  - h SWKGSA Board action
  - hh Subbasin action
  - XX SWKGSA Board discussion/direction
  - GSP consultant responsibility
  - SWKGSA staff responsibility