

**SOUTHWEST KINGS
GROUNDWATER SUSTAINABILITY AGENCY**

100.04

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M E M O R A N D U M

DATE: November 12, 2018

TO: Board of Directors & Interested Parties

FROM: Dale Melville & Joe Hopkins

SUBJECT: November 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. SWKGSA expects to receive the first installment of 2019 assessments from Kings County in January.

- b. Balance in banking accounts as of 10/31/2018:

Bank of America	\$ 1,329.84
Local Agency Investment Fund	<u>177,003.45</u>
Total	\$ 178,333.29

- c. Grants:

- i. The Tulare Lake Subbasin has been awarded a \$1,500,000 DWR grant to develop a Groundwater Sustainability Plan ("GSP") for the Subbasin. The SWKGSA share of funding the GSP is approximately \$275,000, which will be reimbursed as DWR grant funds are received. A contract to prepare the GSP (see item 3 below) has been awarded to a consultant team, Wood (formerly AMEC). A contract with DWR has been executed. A reimbursement request has been submitted to DWR for all work completed by the consultant through October. Future reimbursement requests will be submitted quarterly by the consultant.
- 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 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 then the SWKGSA will be reimbursed by MKRGSA. SWKGSA should see reimbursement in January for a portion of the seed money provided to date.

- d. Budget report through October 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 was made to the Kings County Board of Supervisors on 8/7/2018, where after the report was submitted to DWR. The presentation has been posted on the SWKGSA website (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. The 10/12/2018 was cancelled.
 - ii. At the 10/25/2018 meeting the consultant provided an update on grant status with DWR, and discuss a potential third round of seed funding. A revised Plan Area chapter was provided. A proposed monitoring network was provided to the group, and a discussion ensued regarding potential support services from DWR to drill monitoring wells. The model is receiving its last iteration of input on surface water interactions for calibration.
 - iii. The November meetings will be held 11/9/2018 and 11/21/2018.
 - c. The SWKGSA provided a SGMA update to the Kettleman City Community Services District at their October 23, 2018 board meeting.
 - d. A stakeholder survey has been placed on our website to seek concerns of affected parties. The deadline to submit comments is November 30, 2018.
 3. Groundwater Sustainability Plan (“GSP”) Development
 - a. The GSA representatives of the Tulare Lake Subbasin selected Wood 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
 - v. Draft Plan Area Chapter
 - vi. Discussion material regarding Monitoring Network

- vii. Discussion material regarding Projects and Management Actions
- c. A draft water budget has been prepared specific to the SWKGSA as a check against the regional groundwater modeling effort. The budget is now being refined to account for where groundwater is used within the SWKGSA. 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. To refine the model, staff will be seeking input on which areas of the basin receive only groundwater, only surface water, or both. A map is being refined by SWKGSA to illustrate the areas of water application. The modeling team has also provided their surface water input values for verification by GSAs.
- e. At the SWKGSA September Board meeting, an ad-hoc committee was established to provide input to SWKGSA staff on SGMA compliance. The committee met on 10/11/2018. The first items discussed were:
 - i. Data Management Systems
 - 1. Recommendation from the committee is to create a simple DMS utilizing MS Excel or Access.
 - ii. Management Areas within SWKGSA
 - 1. Recommendation from the committee to have one management area for the entire SWKGSA.
- f. 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 10/31/2018
Schedule for GSP Development

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

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	5,622	5,003	3,695	4,167	4,167	53,607	3,607		
Legal	20,000	446	110	330		220		428	478	134	643	1,667	1,667	6,122	(13,878)		
Clerical	6,000	156	126	327		114		180	188		121	500	500	2,213	(3,787)		
Insurance	-										288	-	-	288	288		
Website	2,000	17	27	45	153	45		117	162	90		167	167	989	(1,011)		
Audit	1,000													-	(1,000)		
GSP	245,000		7,953	4,748	6,594	49,058		7,278	1,993	47,276	2,047	20,417	20,417	167,779	(77,221)		
Contingency	20,000	529	37	34	35	60	137	35	51	48		1,667	1,667	4,299	(15,701)		
<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>8,494</i>	<i>52,551</i>	<i>6,794</i>	<i>28,583</i>	<i>28,583</i>	<i>235,297</i>	<i>(108,703)</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>8,494</i>	<i>52,551</i>	<i>6,794</i>	<i>28,583</i>	<i>28,583</i>	<i>333,236</i>	<i>(10,764)</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	886			1,262		2,427	2,427		
<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>886</i>	<i>-</i>	<i>-</i>	<i>1,262</i>	<i>2,977</i>	<i>458,335</i>	<i>2,428</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>237,678</i>	<i>185,127</i>	<i>178,333</i>	<i>151,012</i>	<i>125,406</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 through 12/31/17 to fund operations.

SWKGSA SCHEDULE FOR GSP DEVELOPMENT & SUBMITTAL TO DWR

rev 11/9/2018

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															
b	Selection of system												o											
c	DMS Setup - Draft												o											
	DMS Setup - Final																							
d	On-going annual updates																							ooo
3	Groundwater Sustainability Plan development																							
a	Selection of consultant	o	o																					
b	Prepare GSP																							
i	Plan Area					o			o															
ii	Basin Setting						XX			o		o												
iii	Sustainable Management Criteria					XX				XX/o		o												
iv	Monitoring Network									XX		o		o										
vii	Projects and Management Actions									XX	o		o											
viii	Draft GSP Document																							
	Preliminary Draft															o								
	Public Draft																	o						
	Public review period																	oo	oo	oo				
	Final GSP																						o	ooo
	Adoption hearing																						o	ooo
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		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
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
 - o meeting with interested stakeholders
 - o submittal (for Subbasin/SWKGSA review)
 - oo submittal (for public review)
 - ooo submittal (to DWR)
 - o SWKGSA Board action
 - o Subbasin action
 - XX SWKGSA Board discussion/direction
 - GSP consultant responsibility
 - SWKGSA staff responsibility