

**SOUTHWEST KINGS
GROUNDWATER SUSTAINABILITY AGENCY**

100.04

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M E M O R A N D U M

DATE: April 4, 2018

TO: Board of Directors & Interested Parties

FROM: Dale Melville

SUBJECT: April Status Report

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

1. Financial

- a. SWKGSA received its first tax apportionment (\$209,891.22 less \$490.00 assessment fee) from Kings County (Proposition 218 assessments) in January. There were unpaid assessments of \$36,162.90. The second tax apportionment is due this month. The board will need to determine 2019 assessment in July 2018 for inclusion in Kings County tax collection process.

- b. Balance in banking accounts as of 4/2/2018:

Bank of America	\$ 795.99
Local Agency Investment Fund	84,000.00
Total	\$ 84,795.99

- c. Grants:

- i. 2017: Kings County received a \$500,000 grant from the California Department of Water Resources ("DWR") to prepare a groundwater model for the Tulare Lake Subbasin ("Subbasin"); the SWKGSA is one of the 6 GSAs in the Subbasin.
- ii. 2018: In February, DWR announced that the Subbasin is scheduled to receive an additional \$1,500,000 DWR grant to develop a Groundwater Sustainability Plan(s) for the Subbasin; a contract will be forthcoming, however, funds are unlikely to be available until summer/fall 2018.

- d. Budget report through March 2018 is attached.

2. Subbasin coordination

- a. Modeling effort: AMEC consultants continue to develop and refine the

groundwater model for the Subbasin; A draft report of results of the model is expected to be presented to the GSAs on April 10th.

- b. The Subbasin coordination meeting scheduled for 3/22/2018 was canceled, as the group was still focused on GSP consultant selection. The meeting schedule should resume in April, and continue monthly in earnest with the GSP consultant on-board.
3. Groundwater Sustainability Plan (“GSP”) development
 - a. SWKGSA will work collectively with the other Tulare Lake Subbasin GSAs to develop a single GSP. 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 shall develop a preliminary plan to achieve groundwater sustainability with regards to established goals for groundwater elevation, storage, quality, and subsidence. The GSP shall develop measurable objectives, interim milestones, and threshold levels that would trigger mitigation actions to maintain the goals established for the GSA.
 - b. A water budget is being prepared specific to the SWKGSA as a check against the regional modeling effort. The model will utilize surface water deliveries and cropping data to solve for groundwater pumped.
 - i. Data Collected:
 1. All known cropping records, surface water deliveries, groundwater imports, and wastewater treatment plant effluent records have been received as of April 4th from Kettleman City Community Services District, Dudley Ridge Water District (“DRWD”), Westlake Farms, and Tulare Lake Basin Water Storage District (“TLBWSD”).
 2. Cropping records are undergoing GIS processing to incorporate cropping data from DRWD and Reclamation District 761 (“RD 761”) with existing DWR and USDA Cropscape data.
 - ii. Data remaining to be collected:
 1. Sandridge to provide/confirm locations of tile drains and to verify no additional cropping records exist for 2015-2016 within RD 761.
 - iii. Next Steps:
 1. Organize and evaluate the data.
 2. Provide draft water budget for review by board and interested parties.
 - c. Consultant selection: Two of the three consultant teams that submitted proposals to the Subbasin (AMEC and Geosyntec) were interviewed on March 16 by the 5 Subbasin GSA representatives; the SWKGSA was represented by Director Jackson. The GSA representatives have selected the AMEC team to prepare the GSP for the Subbasin.
 - 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 selected, but the completion date of September 2019 for public review and January 2020 submittal to DWR are fixed.

Attachments: Budget report through 3/2018
GSP Consultant Recommendation Memo
Schedule for GSP Development

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

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	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	50,112	112
Legal	20,000	446	110	330	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	15,886	(4,114)
Clerical	6,000	156	126	327	500	500	500	500	500	500	500	500	500	500	5,109	(891)
Insurance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Website	2,000	17	27	45	167	167	167	167	167	167	167	167	167	167	1,589	(411)
Audit	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(1,000)
GSP	115,000	-	7,953	4,748	9,583	9,583	9,583	9,583	9,583	9,583	9,583	9,583	9,583	9,583	98,951	(16,049)
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
Contingency	20,000	529	37	-	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	15,566	(4,434)
Total Expended	214,000	4,408	109,485	11,509	17,750	17,750	17,750	17,750	17,750	17,750	17,750	17,750	17,750	17,750	285,152	71,152
Projected Income																
Assessments	455,906	209,891	-	-	246,015	-	-	-	-	-	-	-	-	-	455,906	-
Delinquent Assessments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest	-	-	-	-	387	-	-	887	-	-	788	-	-	-	2,062	2,062
Total Income	455,906	209,891	-	-	246,402	-	-	20,304	-	-	788	-	-	457,969	2,062	
Cash on Hand	307	205,790	96,305	84,796	313,448	295,698	277,948	280,502	262,752	245,002	228,040	210,290	192,540			
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.

RECOMMENDATION MEMORANDUM

TO: TULARE LAKE SUBBASIN GSA BOARDS OF DIRECTORS

FROM: M. HURLEY, S. JACKSON, D. MILLS, E. OSTERLING, AND J. WYRICK

SUBJECT: RECOMMENDATION ON GSP CONSULTANT SELECTION

DATE: MARCH 23, 2018

This memo has been jointly prepared by the GSA representatives that have reviewed the proposals prepared by GSP Development consultant teams and participated in the subsequent interviews.

BACKGROUND:

The Mid-Kings River GSA, on behalf of the Tulare Lake subbasin, applied to the Department of Water Resources for \$1.5 million of grant funding for GSP Development services in November 2017. Towards the end of December, a Request for Proposal (RFP) was circulated for consultant services consistent with the grant application. Prior to the release of the RFP, Tulare Lake GSA representatives discussed the scoring criteria for potential applicants and agreed that local experience would be a significant component in the evaluation of the proposals. The thought was that a consultant team with broad local experience could, from the beginning of the effort, advise the GSAs on the issues in the Tulare Lake subbasin area and realistically evaluate potential management options and future projects. Three proposals were received prior to the deadline of February 9, 2018, but one (Lytle Water Solutions) was viewed as inferior to the others due to its lack of local experience. Interviews were conducted on March 16, 2018 with the other two consultant teams lead by AMEC Foster Wheeler and Geosyntec Consultants.

CONSULTANTS:

The AMEC Foster Wheeler team included Provost & Pritchard Consulting Group, Inc., GeoSystems Analysis, Inc., ERA Economics and Kenneth D. Schmidt & Associates. The Geosyntec Consultants team included E-Pur, Houston Engineering, Sarge Green from CSU Fresno, Davids Engineering, ERA Economics and GSI Environmental. It should also be noted that the team of AMEC Foster Wheeler, Provost & Pritchard Consulting Group, Inc., GeoSystems Analysis, Inc. and E-Pur are developing the Tulare Lake subbasin groundwater model through a different grant for Kings County.

Both consultant teams demonstrated some local experience and appear technically qualified to undertake the work described. Discussions were had with

both teams about areas of work that did not appear to be described in their proposals and were allowed to “fill in” unintentional gaps.

EVALUATION:

Generally the local experience of the AMEC team was viewed as superior to the Geosyntec team. Being the majority of the current groundwater modeling team for the Tulare Lake subbasin groundwater model they were viewed as able to make the most progress in the least time related to the modeling scope under GSP Development. Also, while the Geosyntec Consultant team had a few individuals with local experience, many of the key team members were experts from out of the area with little to no local experience.

Related to the AMEC team, one of the GSA Parties viewed the involvement of Dr. Kenneth D. Schmidt as a significant issue given other efforts that he is currently involved with. The AMEC team was contacted about the issue and was willing to remove Dr. Schmidt from the team.

Related to the Geosyntec team, the team of consultants had broad based backgrounds comprising ideas from other groundwater areas that have recently taken efforts similar to SGMA. One of the GSA parties viewed the involvement of Bill Mok of GSI Environmental as not feasible because of recent litigation in which a GSI Environmental employee other than Bill Mok was viewed as conflicting the entire firm. Geosyntec proposed adding Dr. Juan Pestana of Geosyntec in lieu of GSI Environmental.

RECOMMENDATION:

It is the recommendation of the group that the Boards of Directors for the El Rico GSA, the Mid-Kings River GSA, the South Fork Kings GSA, the Southwest Kings GSA, and the Tri-County Water Authority GSA select the AMEC Foster Wheeler consultant team with Provost & Pritchard Consulting Group, Inc., GeoSystems Inc., and ERA Economics for GSP Development services in the Tulare Lake subbasin, contingent on development of an agreeable contract, schedule and budget for the described effort.

Matt Hurley, Tri-County Water Authority GSA

Steve Jackson, Southwest Kings GSA

Dennis Mills, Mid-Kings River GSA

Eric Osterling, South Fork Kings GSA

Jeof Wyrick, El Rico GSA and Alpaugh ID GSA

DRAFT

SWKGSA SCHEDULE FOR GSP DEVELOPMENT & SUBMITTAL TO DWR

rev 4/3/2018

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			o																				
2	Development of data management system																							
a	Evaluation of systems																							
b	Selection of system				⌘																			
c	Data entry						o																	
d	On-going annual updates											ooo												ooo
3	Groundwater Sustainability Plan development																							
a	Selection of consultant	⌘⌘																						
b	Prepare GSP																							
i	Plan area, GSP organization																							
ii	Basin setting																							
iii	Sustainability goal and undesirable results						o			o														
iv	Monitoring network & program									o														
v	Minimum Thresholds, Measurable Objectives, Interim Milestones											o												
vi	Water supply accounting			o					o															
vii	Proposed projects																⌘							
viii	Proposed management actions																	⌘						
ix	Draft GSP document																	o					⌘	
c	GSP reviews and submittal to DWR																			oo			⌘	ooo
4	Stakeholder outreach & updates		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)
 - ⌘ SWKGSA board action
 - ⌘⌘ Subbasin action
 - GSP Consultant Responsibility
 - SWKGSA Staff Responsibility