



**EASTERN SAN JOAQUIN  
GROUNDWATER AUTHORITY**

**GWA Board Meeting  
June 12, 2019**

# Agenda



- Approval of May Meeting Minutes
- Bundle Review & GSP Draft Release Process
- Outreach & Groundwater Sustainability Workgroup Update
- Fourth Informational Meeting – July 18, 5-8 PM, Ag. Center
- Inter-basin Coordination
- Groundwater Dependent Ecosystems (GDEs)
- Financial Report and Budget Request
- DWR Update
- July Agenda Items and Meeting Location Change



# **Bundle Review & GSP Draft Release Process**



# Bundles 2 and 3 – Draft GSP Chapters



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Bundles 2 and 3 have been posted to website homepage:  
[www.esjgroundwater.org](http://www.esjgroundwater.org)

- Text includes includes:
  - Water Budget
  - Current and Historical Groundwater Conditions
  - Sustainable Management Criteria
  - Monitoring Network
- Comments due July 1, 2019

# Draft GSP Public Comment Period



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- Full public draft (all chapters) will be released for public comment July 10 – Aug 25. Comments are due Aug 25.
- The fourth informational meeting will be held July 18

# Process for Adopting



- Finalize comments
- JPA make recommendation – Nov. 13
- GSAs adopt – Individual GSAs adopt Final Draft GSP **Nov. 5 – Jan. 1**
- JPA adopts – Jan. 8
  
- Notice of Intent to Adopt (NOI) – Required 90 days prior to adoption. Woodard & Curran to draft template NOI.
  - One on behalf of all GSAs; GSAs provide adoption dates
  - Form letter with each GSA responsible for their own NOI



# **Outreach & Groundwater Sustainability Workgroup Update**

# Groundwater Sustainability Workgroup Update



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- 7 Workgroup members and 2 members of the public attended the Groundwater Sustainability Workgroup meeting held on May 18th
- The next Workgroup meeting will be held on June 12<sup>th</sup> at 4:00pm at the San Joaquin County Public Works Department
- Notes from Workgroup meeting are available on the website, [esjgroundwater.org](http://esjgroundwater.org) (under 'Agendas' tab)
- Workgroup focused on review Bundle 1 draft chapters and implementation plan discussion



# Groundwater Sustainability Workgroup Update



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1810 E. Hazelton Avenue  
P. O. Box 1810  
Stockton, CA 95201

(209) 468-3089  
ESJgroundwater@sjo.gov  
esjgroundwater.org

Eastern San Joaquin Groundwater Authority Groundwater Sustainability Workgroup  
June 12, 2019  
4 – 5:30 p.m.  
San Joaquin County Public Works Department  
1810 E. Hazelton Ave., Stockton, CA  
Conference Room A

## Agenda

- I. Welcome
- II. Meeting Objectives
- III. Groundwater Recharge Projects
  - Farmington Groundwater Recharge Project
- IV. Bundles 2 and 3 – Draft Chapter Overview
  - Presentation and Discussion: Review Water Budget and Sustainable Management Criteria requirements and discuss draft chapters
- V. Implementation Plan
  - Presentation and Discussion: Review and discuss approach for GSP implementation
- VI. Announcements
  - Fourth Informational Meeting is scheduled for July 18
- VII. Other Topics
  - a. Non-agenda Items
  - b. Public Comment



# Fourth Informational Meeting

# Fourth Informational Meeting



**July 18<sup>th</sup> , 5:00-8:00 PM**

**Robert J. Cabral Agricultural Center  
Assembly Room 1  
2101 E. Earhart Ave.  
Stockton, CA**

- Format will be open house style beginning with a brief presentation
- Focus will be on the Draft GSP Public Comment Period
- GSAs are strongly encouraged to attend
- Outreach materials will be sent to GSAs and posted to website





# Inter-basin Coordination



# Inter-basin Coordination



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Next Step: Reach out to neighboring subbasins

- Cosumnes (2022 timeline)
- South American (Alternative plan)
- Solano (2022 timeline)
- Tracy (2022 timeline)
- Modesto (2022 timeline)
- East Contra Costa (2022 timeline)



# Groundwater Dependent Ecosystems

# Methodology and Results



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- Today we are presenting the methodology for identifying GDEs in the Subbasin
- GSA Staff and GW Sustainability Workgroup has seen draft GDE areas, methodology and feedback has been incorporated (Workgroup did an exercise to mark up maps)

# Preliminary Methodology for Assessing GDEs

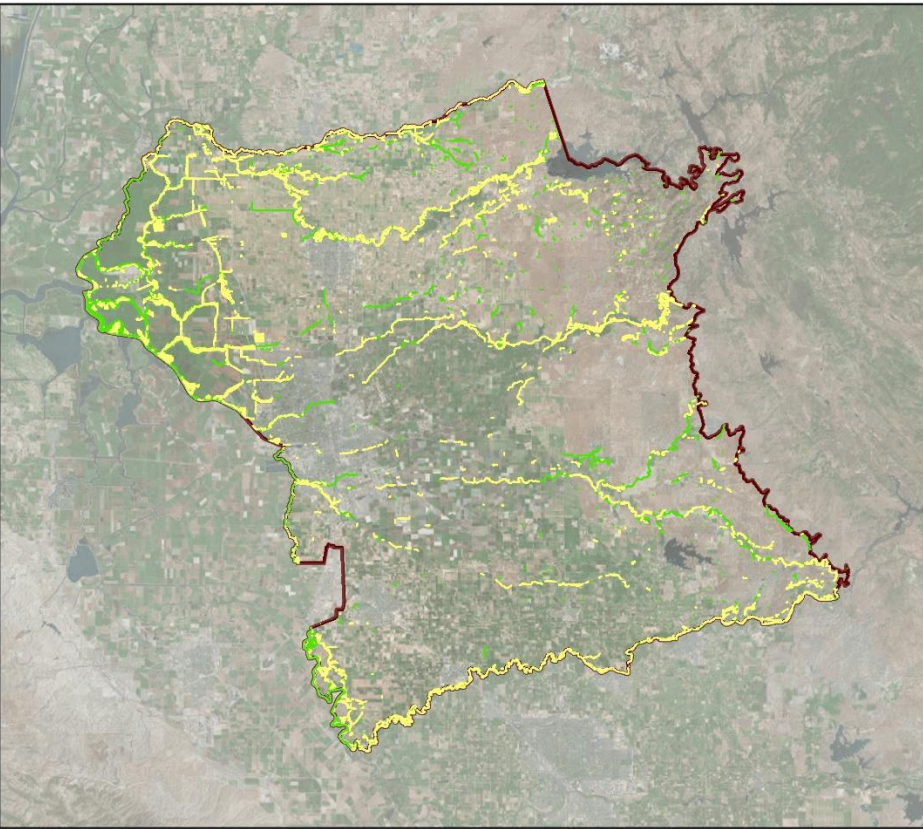


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- DWR's Natural Communities Commonly Associated with Groundwater (NCCAG) dataset was used, developed with The Nature Conservancy
- Areas with access to supplemental water supplies were removed, including
  - Managed wetlands and areas without shallow groundwater
  - Areas adjacent to canals and ditches, irrigated ag fields, losing streams, perennial rivers, and managed wetlands.



# Full NCCAG Dataset



**Eastern San Joaquin Subbasin NCCAG**

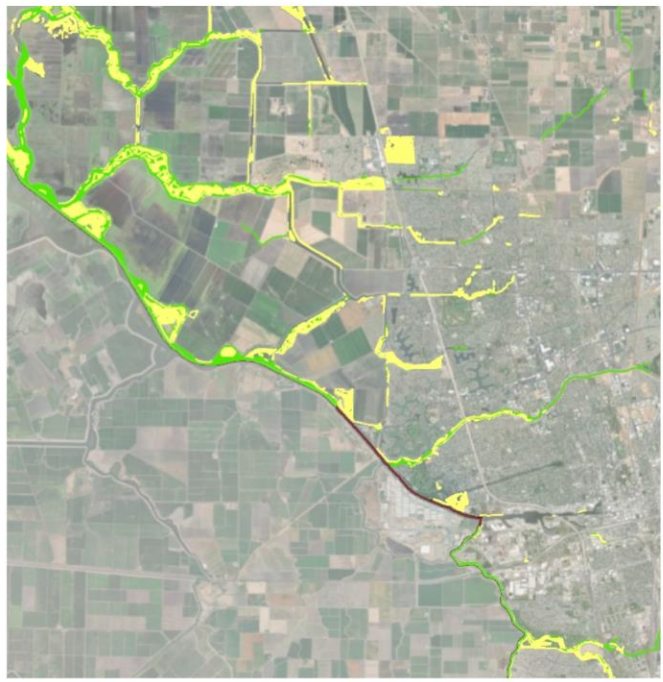


Eastern San Joaquin Subbasin GSP

**Legend**

- Eastern San Joaquin Subbasin Boundary
- Vegetative NCCAG
- Wetland NCCAG

NCCAG: Natural Communities Commonly Associated with Groundwater  
GDE: Groundwater Dependent Ecosystems

0 1 2 3 4 5 10 Miles



# Identifying NCCAGs Likely to Access Non-groundwater Water Supplies



## Identified GDEs and NCCAGs not Identified as GDEs

Eastern San Joaquin Subbasin GSP

### Legend

- Eastern San Joaquin Subbasin Boundary
- NCCAG GDEs**
- NCCAG Vegetative GDE
- NCCAG Wetland GDE
- NCCAG Not GDEs**
- Depth to Water > 30 ft.
- Managed Wetland
- Adjacent to Agriculture
- Perennial Surface Water Bodies

NCCAG: Natural Communities Commonly Associated with Groundwater  
GDE: Groundwater Dependent Ecosystems

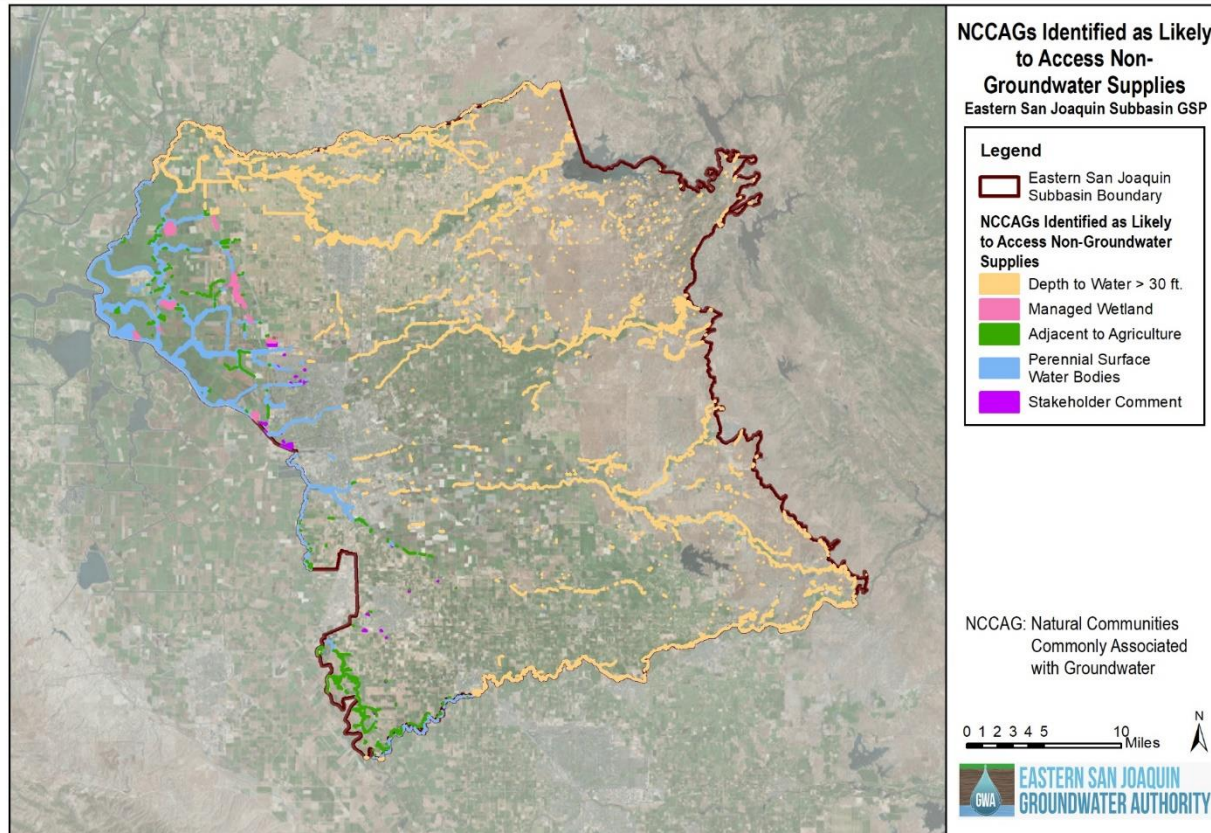


## Buffers Used

DTW 30+ ft.	Drawn from area of shallow DTW measurements
Managed Wetland	150 ft.
Adjacent to Ag.	50 ft.
Losing or Perennial Streams	150 ft.
Canals and Ditches	150 ft.

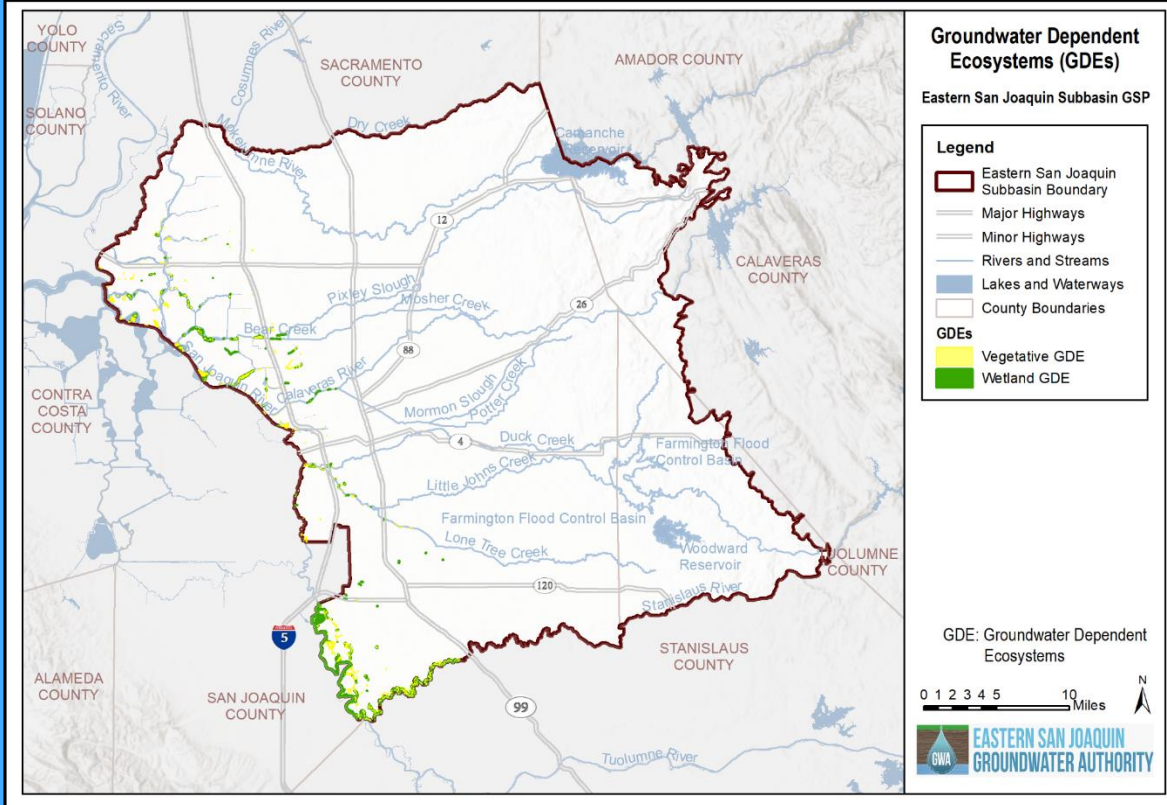


# Incorporating Stakeholder Comments



- Areas shown in purple were removed as potential GDEs from stakeholder feedback (groundtruthing)

# Areas Identified as Potential GDEs



- Areas identified as potential GDEs
- Next step taken to consideration as beneficial user of groundwater and describe impacts in GSP





# Financial Report and Budget Request



Financial Update  
and  
2019-2020 Budget Request

June 19, 2019

# Approved Budget and Year-To-Date

## Fund 21451 Eastern San Joaquin County Groundwater Authority

Approved Budget February 14, 2018		Year to Date February 2018 through April 2019	Budget Balance	Requested Budget June 19, 2019
<b>Revenue Item</b>	<b>Amount</b>	<b>YTD Amount</b>	<b>Balance</b>	<b>Revenue Amount</b>
Fund Balance June 30	0			(328,845)
Interest Earnings	0	5,242	(5,242)	0
Zone 2 Contribution for Expenses	35,000	35,000		0
Initial Member Dues	85,000	85,000		0
Member Contribution for GSP	226,420	177,360	49,060	49,060
Zone 2 Contribution for GSP	450,000	450,000		0
GSP Grant Proceeds	1,500,000	0	1,500,000	1,500,000
<b>Total Revenue</b>	<b>\$2,296,420</b>	<b>\$752,602</b>	<b>\$ 1,543,818</b>	<b>\$1,220,220</b>
<b>Expense Item</b>	<b>Amount</b>	<b>YTD Amount</b>	<b>Balance</b>	<b>Expense Amount</b>
Office, Rent, Postage Expenses	5,000	7,500	(2,500)	4,960
Authority Counsel	85,000	36,356	48,644	40,000
Professional Services	30,000	36,431	(6,431)	0
<b>Expense Subtotal</b>	<b>120,000</b>	<b>80,287</b>	<b>39,713</b>	<b>44,960</b>
Grant Contract (W&Curran)	2,176,420	1,001,160	1,175,260	1,175,260
<b>Total Expenses</b>	<b>\$2,296,420</b>	<b>\$1,081,447</b>	<b>\$ 1,214,973</b>	<b>\$1,220,220</b>
<b>Fund Balance</b>	<b>\$0</b>	<b>(\$328,845)</b>	<b>\$ 328,845</b>	<b>\$0</b>



# Local Cost Share Update

<b>Eastern San Joaquin Groundwater Authority</b> <b>Member Contribution Update</b> (through May 31, 2019)				
Agency	Initial Dues (Paid)	Cost Share (Billed)	Cost Share (Received)	Cost Share (Outstanding)
Central Delta Water Agency	\$ 5,000	\$ 11,664	\$ 11,664	\$ -
Central San Joaquin	\$ 5,000	\$ 11,664	\$ 5,832	\$ 5,832
City of Lathrop	\$ 5,000	\$ 11,664	\$ 11,664	\$ -
City of Lodi	\$ 5,000	\$ 11,664	\$ 11,664	\$ -
City of Manteca	\$ 5,000	\$ 11,664	\$ 11,664	\$ -
City of Stockton	\$ 5,000	\$ 11,664	\$ 11,664	\$ -
Eastside GSA	\$ 5,000	\$ 39,789	\$ 19,895	\$ 19,895
Linden	\$ 5,000	\$ 11,664	\$ 5,832	\$ 5,832
Lockeford	\$ 5,000	\$ 11,664	\$ 11,664	\$ -
North San Joaquin	\$ 5,000	\$ 11,664	\$ 5,832	\$ 5,832
Oakdale Irrigation District	\$ 5,000	\$ 11,664	\$ 11,664	\$ -
San Joaquin County GSA	\$ 5,000	\$ 11,664	\$ 11,664	\$ -
San Joaquin County GSA (Cal Water)	\$ 5,000	\$ 11,664	\$ 11,664	\$ -
South Delta Water Agency	\$ 5,000	\$ 11,664	\$ 5,832	\$ 5,832
Stockton East Water District	\$ 5,000	\$ 11,664	\$ 11,664	\$ -
South San Joaquin GSA	\$ 5,000	\$ 11,664	\$ 11,664	\$ -
Woodbridge Irrigation District	\$ 5,000	\$ 11,664	\$ 5,832	\$ 5,832
<b>Subtotal</b>	<b>\$ 85,000</b>	<b>\$ 226,420</b>	<b>\$ 177,360</b>	<b>\$ 49,060</b>
Zone 2 Cost Share		\$ 450,000	\$ 450,000	\$ -
<b>TOTAL</b>	<b>\$ 85,000</b>	<b>\$ 676,420</b>	<b>\$ 627,360</b>	<b>\$ 49,060</b>

Outstanding cost share amounts will be invoiced on July 1, 2019.

# Expenses Paid Through April 30, 2019 (1 of 2)

Acctg Date	Vendor Name	Invoice	Total Charge	Acctg Date	Vendor Name	Invoice	Total Charge
09/13/2017	AG CENTER (ROOM RENT EXP)	SST	178.00	05/07/2018	AG CENTER (ROOM RENT EXP)	SST	182.00
10/25/2017	GEI CONSULTANTS INC	3026677	25,999.25	05/29/2018	NEUMILLER & BEARDSLEE	292543	825.00
10/09/2017	POSTAGE		191.65	05/30/2018	NEUMILLER & BEARDSLEE	291974	2,350.00
10/16/2017	GEI CONSULTANTS INC	3025273	2,937.00	06/07/2018	POSTAGE		149.83
10/19/2017	NEUMILLER & BEARDSLEE	287142	2,175.00	06/08/2018	AG CENTER (ROOM RENT EXP)	SST	138.00
10/25/2017	NEUMILLER & BEARDSLEE	286371	13,989.09	07/19/2018	AG CENTER (ROOM RENT EXP)	SST	140.00
10/25/2017	NEUMILLER & BEARDSLEE	287824	3,850.00	07/19/2018	AG CENTER (ROOM RENT EXP)	SST	42.00
11/03/2017	POSTAGE		143.98	08/06/2018	POSTAGE		142.88
12/01/2017	POSTAGE		167.20	08/23/2018	NEUMILLER & BEARDSLEE	296908	2,158.03
12/20/2017	GEI CONSULTANTS INC	3029178	6,046.50	08/23/2018	AG CENTER (ROOM RENT EXP)	SST	94.00
01/10/2018	POSTAGE		101.23	08/27/2018	AG CENTER (ROOM RENT EXP)	SST	182.00
01/12/2018	NEUMILLER & BEARDSLEE	289515	1,425.00	08/27/2018	AG CENTER (ROOM RENT EXP)	SST	182.00
01/16/2018	OFFICE SUPPLIES-ISF	ISF	10.79	09/06/2018	POSTAGE		156.75
02/23/2018	AG CENTER (ROOM RENT EXP)	SST	178.00	09/19/2018	AG CENTER (ROOM RENT EXP)	SST	81.00
02/23/2018	AG CENTER (ROOM RENT EXP)	SST	178.00	09/25/2018	NEUMILLER & BEARDSLEE	294504	550.00
02/26/2018	OFFICE SUPPLIES-ISF	ISF	32.53	09/25/2018	OFFICE SUPPLIES-ISF	ISF	138.45
03/01/2018	POSTAGE		33.67	10/03/2018	AG CENTER (ROOM RENT EXP)	SST	52.00
03/06/2018	POSTAGE		144.13	10/04/2018	AG CENTER (ROOM RENT EXP)	SST	42.00
03/30/2018	AG CENTER (ROOM RENT EXP)	SST	182.00	10/04/2018	AG CENTER (ROOM RENT EXP)	SST	182.00
04/09/2018	NEUMILLER & BEARDSLEE	288810	1,291.50	10/04/2018	AG CENTER (ROOM RENT EXP)	SST	94.00
04/09/2018	AUDITOR'S P/R & A/P CHARGES	SST	143.00	10/04/2018	AG CENTER (ROOM RENT EXP)	SST	94.00
04/13/2018	POSTAGE		144.55	10/04/2018	AG CENTER (ROOM RENT EXP)	SST	182.00
04/24/2018	NEUMILLER & BEARDSLEE	RECLASS F	525.00	10/05/2018	POSTAGE		212.37
04/24/2018	NEUMILLER & BEARDSLEE	291284	550.00	10/23/2018	NEUMILLER & BEARDSLEE	294924	500.00
05/03/2018	POSTAGE		126.92	10/31/2018	SUPPLIES		295.94

## Expenses Paid Through April 30, 2019 (2 of 2)

Acctg Date	Vendor Name	Invoice	Total Charge
11/09/2018	POSTAGE		267.00
11/30/2018	AG CENTER (ROOM RENT EXP)	SST	94.00
11/30/2018	FEDEX	84-69945	24.83
12/04/2018	OFFICE SUPPLIES-ISF	ISF	115.32
12/11/2018	POSTAGE		142.88
12/27/2018	NEUMILLER & BEARDSLEE	296832	1,400.00
12/31/2018	AG CENTER (ROOM RENT EXP)	SST	182.00
12/31/2018	AG CENTER (ROOM RENT EXP)	SST	94.00
12/31/2018	AG CENTER (ROOM RENT EXP)	SST	182.00
01/05/2019	POSTAGE		31.82
01/07/2019	JANE WAGNER-TYACK	/31/2018	1,150.00
01/28/2019	WOODARD & CURRAN INC	157758	297.88
02/12/2019	AG CENTER (ROOM RENT EXP)	SST	182.00
02/15/2019	POSTAGE		34.05
03/15/2019	AG CENTER (ROOM RENT EXP)	SST	91.00
03/15/2019	AG CENTER (ROOM RENT EXP)	SST	182.00
03/20/2019	POSTAGE		103.85
03/28/2019	CITY OF MANTECA (ROOM RENT	DEPOSIT	500.00
04/04/2019	CITY OF MANTECA (ROOM RENT	RENTAL	350.00
04/11/2019	NEUMILLER & BEARDSLEE	297977	375.00
04/11/2019	NEUMILLER & BEARDSLEE	297994	1,025.00
04/11/2019	NEUMILLER & BEARDSLEE	297995	700.00
05/15/2019	NEUMILLER & BEARDSLEE	299136	2,200.00
05/15/2019	NEUMILLER & BEARDSLEE	299157	467.50
05/13/2019	AG CENTER (ROOM RENT EXP)	SST	184.00

**80,287.00**

**Total Expenses\* \$80,287:**

**Office, Rent & Postage  
\$7,500**

**Professional Services  
\$36,431**

**Authority Counsel  
\$36, 356**

**\*Grant contract expenses shown  
separately on next slide**



## Grant Contract Expenses Paid Through May 31, 2019

	<b>Vendor Name</b>	<b>Invoice</b>	<b>Total Charge</b>
05/30/2018	WOODARD & CURRAN INC	150504	\$56,504.57
07/09/2018	WOODARD & CURRAN INC	151957	196,807.49
09/19/2018	WOODARD & CURRAN INC	154380	146,652.92
10/02/2018	WOODARD & CURRAN INC	154819	134,719.79
01/28/2019	WOODARD & CURRAN INC	157754	300,738.26
02/08/2019	WOODARD & CURRAN INC	157966	165,736.60
<b>TOTAL GRANT CONTRACT EXPENSES PAID</b>			<b>\$1,001,160</b>
			<b>Woodard &amp; Curran Contract: \$2,176,420</b>
			<b>Year to Date Paid: 46%</b>

# Requested Action

- Board Approval of Requested Budget for FY 2019-2020:

Fund 21451 Eastern San Joaquin County Groundwater Authority

## Requested 2019-2020 Budget

### Revenue Item

Member Contributions for GSP	\$49,060
GSP Grant Proceeds	1,500,000
Fund Balance	(328,844)

**Total Revenue** **\$1,220,220**

### Expense Item

### Expense Amount

Office, Rent, Postage Expenses	\$4,960
Authority Counsel	40,000
Grant Contract (Woodard & Curran)	1,175,260

**Total Expenses** **\$1,220,220**



# DWR Update





# July Agenda Items

# July Agenda Items



- Draft GSP Public Review Period (anticipated July 10 – Aug. 25)
- Implementation Phase and Funding Next Steps

The July 10 Board and Advisory Committee meetings will be held at the Manteca Transit Center (220 Moffat Blvd., Manteca, CA)



**EASTERN SAN JOAQUIN  
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**GWA Board Meeting  
June 12, 2019**