



Fillmore and Piru Basins
Groundwater Sustainability Agency

Board of Directors Meeting
Tuesday
July 17, 2018 - 6:00 p.m.

City of Fillmore City Hall, City Council Chambers
250 Central Avenue, Fillmore, CA 93015

AGENDA

1. Call to Order

2. Pledge of Allegiance

3. Public Comments

Fillmore and Piru Basins Groundwater Sustainability Agency (Agency) will accept public comment concerning agenda items at the time the item is considered and on any non-agenda item within the jurisdiction of the Board during the agendized Public Comment period. No action will be taken by the Board on any non-agenda item. In accordance with Government Code § 54954.3(b)(1), public comment will be limited to three (3) minutes per speaker per issue.

4. Approval of Agenda

Motion

5. Director Announcements/Board Communications

6. Clerk of the Board Update

Information Item

The Clerk of the Board will provide an informational update on Agency's activities since the previous Board meeting of June 19, 2018.

7. CONSENT CALENDAR

7A Approval of Minutes

Motion

Approval of the minutes from the Board Meeting of June 19, 2018.

7B Approval of Warrants

Motion

Approval of check payments to: Herald Printing (\$458.31 – printed envelopes); Olivarez Madruga Lemieux O’Neill, LLP (\$400 – June Legal Services); Fillmore Gazette (\$324. = March Basin Boundary Modification Workshop \$108 and July FY2018-19 Budget Workshop \$216)

8. ACTION ITEMS

8A Adoption of Resolution 2018-04 Approving and Adopting the Proposed FY 2018-19 Budget

Motion

Board shall consider adopting Resolution 2018-04 approving and adopting the proposed FY 2018-19 Budget which covers the fiscal period of July 1, 2018 through June 30, 2019.

8B Amendment to the Bylaws concerning collection practices, write offs, and over collection of fees

Motion

The Board shall consider approving and adopting the amendment to the Bylaws clarifying the Agency’s collection practices, as well as the process for handling write offs and over collection of fees.

8C Amendment to UWCD Service Contract

Motion

The Board shall consider amending the UWCD Service Contract to include the services of Anthony Emmert as Executive Director of the Fillmore Piru Basins Groundwater Sustainability Agency.

8D Clarification of duties and responsibilities of the Executive Director and the Proposed GSP Consultant

Motion

The Board shall review, discuss and provide direction with regard to the various duties and responsibilities of the Agency’s Executive Director and the proposed Groundwater Sustainability Plan (GSP) Consultant, delineating responsibilities in an effort to craft a comprehensive Request for Proposal regarding the hiring of a GSP Consultant.

9. INFORMATION ITEMS

9A Discussion and Direction re Industry Event Participation

Information Item

Board will discuss possible attendance at various Industry Events including but not limited to the CFCC Funding Event on August 30 in Alhambra; and the GRA Conference beginning September 25 in Sacramento, among others.

ADJOURNMENT

The Board will adjourn to the next **Regular Board Meeting** on Thursday, **August 23, 2018** or call of the Chair.

Materials, which are non-exempt public records and are provided to the Board of Directors to be used in consideration of the above agenda items, including any documents provided subsequent to the publishing of this agenda, are available for inspection at UWCD's offices at 106 North 8th Street in Santa Paula during normal business hours.

The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participation in, or denied the benefits of, the District's services, programs or activities because of any disability. If you need special assistance to participate in this meeting, or if you require agenda materials in an alternative format, please contact the UWCD Office at (805) 525-4431 or the City of Fillmore at (805) 524-1500. Notification of at least 48 hours prior to the meeting will enable the District to make appropriate arrangements.

Approved: _____



Posted: (date) July 11, 2018 (time) 10:00am (attest) Kris Sofley
At: United Water Conservation District Headquarters, 106 No. 8th St., Santa Paula, CA

Posted: (date) July 11, 2018 (time) 12noon (attest) Kris Sofley
At: Fillmore City Hall, 250 Central Avenue, Fillmore, CA

Posted: (date) July 11, 2018 (time) 12noon (attest) Kris Sofley
At: <https://www.FPBGSA.org>

Posted: (date) July 11, 2018 (time) 11a.m. (attest) Kris Sofley
At: <https://www.facebook.com/FPBGSA/>



Board of Directors Meeting
Tuesday, June 19, 2018 6 p.m.
City Council Chambers, Fillmore City Hall
250 Central Avenue, Fillmore, CA 93015

MINUTES

Directors Present

Director Kelly Long, Chair (arrived at 6:30p.m.)
Director Ed McFadden, Vice Chair/Secretary/Treasurer
Director Gordon Kimball
Director Candice Meneghin
Director Glen Pace

Directors Absent

Director Carrie Broggie

Staff Present

Steve O'Neill, Legal Counsel
Kris Sofley, interim executive director

Public Present

Ryan Kristensen, GHD
John Lindquist, UWCD
Lara Meeker, VCWPD/SCR Watershed Committee
Manuel Minjares, Supervisor Kelly Long's Office
Tim Moore, UWCD
Tony Morgan, Groundwater Strategies
Kenneth Rogers, Fillmore Basin Pumpers Association/Piru Basin Pumpers Association
Jean Thirkettle, KETL KOI

1. Call to Order 6:00pm

Vice Chair McFadden called the meeting to order at 6pm and led everyone in the Pledge of Allegiance

2. Pledge of Allegiance

3. Public Comments

Vice Chair McFadden asked if there were any public comments. None were offered

4. Approval of Agenda

Motion

Motion to approve the agenda, Director Meneghin; Second, Director Pace. Voice vote: four ayes (Kimball, McFadden, Meneghin, Pace); none opposed; two absent (Broggie, Long). Agenda approved 4/0/2.

5. Director Announcements/Board Communications

Director Pace reported to the Board that he had attended the annual meeting of the Fillmore and Piru Basins Pumpers Associations last week and the slate for the two associations stays the same. Vice Chair McFadden added that the meeting was well organized and there was good participation.

Director Meneghin reported that Chair Long had attended the GSP event in Sacramento and she was looking forward to learning more about the event from her.

Director Kimball said it was a good use of stakeholders' time and that some of the meetings and programs were important as well as meeting other people involved in the same process.

6. Clerk of the Board Update

Information Item

Ms. Sofley reported that, since the previous Board meeting of May 31, 2018, UWCD had received overpayments on a few invoices and accounting staff was in need of the Board's direction regarding whether the overpayments should be carried as a credit on the accounts or if the overpayment should be refunded. She asked if the Board wanted to follow United's policy, which is to contact the customer and ask them if they want to apply the overpayment as a credit on their account or receive a refund. Accounting staff also wanted to confirm the Agency's policy regarding observing a 10-day grace period before issuing late notices, and how they wanted to handle collections.

The Agency's legal counsel, Mr. O'Neill said, based on Board comments, he would draft an amendment to the Bylaws addressing overpayment and reimbursement procedures for presentation to the Board at its July meeting. He also asked for a copy of UWCD's policy so that the language would be consistent. Ms. Sofley said she would send that to him as soon as possible.

Ms. Sofley also reported that UWCD had received \$24,730.94 in payments as of June 15, 2018, and that there were approximately 77 outstanding invoices – Fillmore Fish Hatchery's invoice for approximately \$40,000; a few invoices which were between \$500 and \$2,000; and the remaining were for smaller amounts.

Ms. Sofley also provided the Board with the new and confirmed meeting dates for the FPB GSA Board of Directors.

7. CONSENT CALENDAR

7A Approval of Minutes

Motion

Board to consider approval of the minutes from the Regular Board Meeting of May 31, 2018.

7B Approval of Warrants

Motion

Board to consider approval of warrants as provided.

7C Receive and File Monthly Financial Reports

Informational Item

Board will receive and file financial reports from UWCD including:

1. Balance Sheet
2. Profit & Loss Budget Performance
3. General Ledger

Vice Chair McFadden asked for a motion to approve the three items on the Consent Calendar. Director Meneghin stated that she would abstain from voting on Approval of the Minutes as she was not in attendance at the last meeting. As this would leave only three voting Directors, Vice Chair McFadden asked for a motion and vote on 7B and 7C and the Minutes would be revisited later in the meeting after Chair Long arrived.

Motion to approve 7B and 7C; Director Kimball; Second Director Meneghin. Voice vote: four ayes (Kimball, McFadden, Meneghin, Pace), none opposed, two absent (Broggie, Long). Board approves items 7B and 7C.

Vice Chair McFadden address the Board stating that this month's agenda had reversed the presentation of motion and information items in an effort for the meeting to flow better. With that, he invited UWCD General Manager Mauricio E. Guardado, Jr. to address the Board.

8. INFORMATION ITEMS

8A Update from UWCD General Manager Mauricio E. Guardado, Jr.

Information Item

Mr. Guardado reported that UWCD's proceedings have an impact on the GSA, especially in evaluating water management within the District's service area which includes both Fillmore and Piru Basins. He said that he had reviewed the District's Strategic Plan with the District's Board of Directors and that Board was supportive of a new organizational structure for both reporting and staff positions. He said he felt this new structure would help in building coalitions outside of the District's boundaries and in meeting the requirements and needs of the GSAs -- Fox Canyon GMA, Mound Basin and the FPBGSA.

One of the benefits of the new organizational structure is that it provides for the District's Assistant General Manager Anthony Emmert to serve the GSAs in an Executive Director capacity. He is well qualified for this role, having worked for both UWCD and the City of Oxnard, and Mr.

Guardado believes that this is a cost effective way to meet the goals and objectives of the FPBGSA in the creation and execution of the RFP process as well as oversight of the GSP consultant tasked with developing the groundwater sustainability plans for the Fillmore and Piru Basins. Mr. Guardado then introduced Mr. Emmert to the Board.

Mr. Emmert said that the offer of his services to assist the GSA as its Executive Director includes his understanding of the Board's desire to have someone handle the nuts and bolts at the lowest cost possible, and he would be most judicious with his time. He said he would focus his efforts where needed and that his experience included managing consultants' contracts and assisting the Board with a wide variety of tasks including moving forward on the RFP process. He provided a copy of his resume and estimated costs associated with his role as Executive Director for the GSA. He also wanted to be clear in that these costs did not include work on GSP preparation.

Vice Chair McFadden asked if the totals were for one year, and Mr. Emmert said yes, but that these were estimates. Vice Chair McFadden asked if he proposed working with this Board and other GSAs, and Mr. Emmert explained that he would make the same proposal to the Mound Basin GSA on Thursday and planned to be involved in all of the GSAs, including Fox Canyon GMA. He added that he was very familiar with the basins as he has lived in Fillmore for the first 20 years of his life and currently resides in the County.

Vice Chair McFadden asked if the Board had any questions for Mr. Emmert. Director Pace asked for clarification of the District's \$75,000 a year for administration support for the GSA and asked Mr. Emmert if he had looked at the budget in preparation.

Mr. Emmert said the budget lined up with the prior worksheet and he felt this was the bare bones. He said his focus would be on the RFP and managing the GSP consultant and, when needed, inter agency coordination, such as between Fillmore and the County, along with the GSP consultant. He would also work with Tim and Kris, being flexible and thrifty and providing both administrative and technical support.

Chair McFadden said he appreciated the offer but wasn't sure if it makes sense.

Director Pace said it looked like \$75,000 every six months but questioned Mr. Emmert who said it was for an entire year. Director Kimball interjected, saying the \$75,000 also included some legal fees and some writing of the GSP and is mixing administration and GSP preparation. Director Meneghin added that there were no hours attributed to GSP preparation.

Mr. Emmert suggested at prior meetings it had been decided that GSP was best done by outside consultants. He said that while United has a lot of the information required for the GSP and is happy to provide that data which should help move the project along more quickly, the District isn't the entity to draft the GSP, but rather will provide support services through John Lindquist and Tim Moore.

Mr. Emmert then suggested the Board agendaize this for consideration at its next Board meeting. In the meantime, he will have Tim Moore breakdown the SGMA required components of the GSPs

and group them as to those that the GSP Consultant would be required to do and those that the Executive Director could handle and those that would require a joint effort. He added that the breakdown of the scope of work would be beneficial to have either way.

Director Meneghin asked if he would be splitting consultant's task and oversight of the consultant. Mr. Emmert clarified that he would provide basic services and ask Mr. Moore to list, like an annual report or to do list. He added that among the basic services would be an overall distribution of the water supply, groundwater conditions report and data keeper.

Director Pace asked if he was doing that, would that be charged to the GSA. Mr. Emmert said it would not be charged to the GSA but is in keeping with the District's normal course of business.

Mr. O'Neill asked if the Board agreed to hire Mr. Emmert as its Executive Director for administrative services, would that be a separate contract or an amendment to its current agreement with UWCD. Mr. Guardado said the District could amend the existing contract.

Director Pace asked about the budget, stating that \$64,000 in the budget - \$32,000 every six months – and now it's at \$76,000 for the year, so it's an increase of \$12,000 for the year. Director Kimball he appreciated Mr. Emmert's input and it sounded like he was providing an efficient option. Vice Chair McFadden added that he thought it could work nicely.

9. ACTION ITEMS

Vice Chair McFadden asked the Board to address item 9C next in its discussion of action items.

9C Ad Hoc GSP Committee to present recommendations for Request for Proposal (RFP) for GSP Consultants and recommendations for potential Consultants for outreach

Motion

Vice Chair McFadden said that Agency's legal counsel had provided good information in the sample RFPs for GSP consultants provided to the Ad hoc committee and that he thought it made more sense to have the Director involved in the process.

At 6:30p.m., Chair Long arrived and Vice Chair McFadden spent a few minutes bringing her up to date on what the Board had already discussed. He included his thought on having someone who will be charged with managing the process involved in the RFP for the GSP consultant.

Chair Long said her biggest concern was that at present, there is no work being done. Vice Chair McFadden said that the Board had received a proposal from UWCD which would provide managerial expertise in the form of Anthony Emmert, who would work on the RFP with UWCD staff, which would be agendaized for voting on at the July meeting.

Mr. Moore added that he would provide a breakdown or breakout of tasks in more detail at that meeting. Director Kimball stated that preliminary work wouldn't come to a complete halt and Chair Long added that consultants need to be selected quickly and stakeholder engagement is very important. Vice Chair McFadden said that the RFP process was included in 9C and that they had skipped over number 5.

Mr. O'Neill reminded the Board that Director Meneghin had abstained on approving the Minutes.

Chair Long reported to the Board on her participation at the GSA Summit in Sacramento which had been organized by GRA. She said that as one of the few who wasn't a geologist or hydrogeologist she was happy to report that it was really a great convention. She said that was really great conservation regarding GDE and she was excited about working with environmental and agriculture on developing parameters for sustainability and including environmental guidance to help the Agency.

Tony Morgan addressed the Board on the data for GSPs, stating that it's all relative and that to remember that at any minute it can be wrong as data is ever changing. That's why a consultant needs help from stakeholders and why SGMA is stressing local engagement. He said that stakeholders should be encouraged to write letters addressing DWR's recent reclassification of the Fillmore Basin to "high" priority and refute the subsidence and sea water intrusion references and get that on the record. He continued stating that the DWR calls for the plan to be submitted in January 2020, but then has up to two years to review the plans.

Chair Long mentioned the Fox Canyon presentation on GDE which hit on three of the six deadly sins. She said there was another meeting in September. She also thought the Board needed to discuss what projects it would like to see for the basins, and if there was grant money available to fund those projects. Balancing wants with needs, especially of the pumpers.

Vice Chair McFadden made a motion to approve the Minutes; Second by Director Kimball. Voice vote: four ayes (Kimball, Long, McFadden, Pace); one absent (Broggie); one abstain (Meneghin). Minutes approved 4/1/1.

9A Draft 2018 SGMA Basin Prioritization: Fillmore and Piru Subbasins Comments

Motion

Mr. Moore began by wishing the FPBGSA Board a happy birthday, stating that on June 26 the Agency would be celebrating one year of existence. He then said he wanted to recap as there was a similar item on last month's agenda regarding the reprioritization of the Fillmore basin from medium to high. He had drafted some comments which were included in the Board packets and was asking from Board approval to submit those comments to the DWR by its July 18 deadline. He cited the DWR's reference to subsidence and seawater intrusion within the boundaries of

UWCD and since the Fillmore Basin was also within those boundaries, had associated those issues with it as well. He said that while Fillmore and Piru basins are hydrologically connected with the Oxnard Plain, both basins are significantly above sea level he wanted to point away from the District wide focus and instead direct the DWR's attention to the 2016-17 Groundwater Conditions Report which would be published soon.

Mr. Morgan added that he wanted to clarify a statement he made addressing this issue at the previous Board meeting, saying he had referenced a "Ludhorff and Scalmini" report which is actually a technical report from JW Borchers and M Carpenter on Land Subsidence from Groundwater Use in California which had been prepared for Ludhorff & Scalmani Consulting Engineers in 2014.

Mr. Moore said that the letter would be submitted to the DWR website, which also provided links for public comments. Chair Long said that Eddie Pech of DWR was touring the basins he has oversight of and that comments would be a good idea. She said of the 27 points attributed to the Fillmore Basin, the Board couldn't do anything about population, but it could knock off five points for seawater intrusion and two points for subsidence and thought it would be nice to go on the record to reinforce the data.

Mr. Moore said that there was also an opportunity for public comment on the Basin Boundary Modifications. Director Meneghin said she had read through the letter which included a statement regarding the reprioritization. Mr. Moore added that dropping seven points wasn't going to get Fillmore back to a medium priority ranking but thought it was important to establish that seawater intrusion and subsidence are not a problem in the basin.

Director Kimball said the general plan is from 2005 and justification based on UWCD's entire district doesn't impress him. He said the letter may not change anything, but he thought it was important for the Board to educate DWR regardless of whether or not it changes the basin's priority ranking. He added that the letter was a great way to provide more detail to the situation. He also stated that he could become an issue for the GSP and didn't want to validate data which supports subsidence, which was very unlikely. Vice Chair McFadden asked Mr. Moore to cite the studies referenced by Tony Morgan in his letters.

Motion to approve comments and direct UWCD staff to submit Draft 2018 SGMA Basin Prioritization comments to DWR, Vice Chair McFadden; Second, Director Meneghin. Voice vote: five ayes (Kimball, Long, McFadden, Meneghin, Pace), none opposed, one absent (Broggie). Motion carries 5/0/1.

9B Proposed FY 2018-2019 Budget and Projected Cash Flow

Motion

Vice Chair McFadden said that he had reviewed the financial reports for the FPB GSA with Ms. Rivera and UWCD staff and was happy to report that the amount billed by the Agency was more than had been originally budgeted.

Mr. O'Neill reminded Chair Long that this was a continuation of the Public Hearing opened at the May Board meeting. Chair Long stated that the Board was continuing the Public Hearing to the FY 2018-19 Budget Workshop now scheduled for Monday, July 16, from 9am to 11am at the Veteran's Memorial building in Fillmore. She stated that public comments would be welcomed

and that the Board would address final approval of the FY 2018-2019 (July 2018 –June 2019) Budget at its July 17 Board meeting.

Motion to approve the proposed FY 2018-19 Budget and direct staff to post the document on the FPBGSA website and Facebook page for Public comments, as well as schedule a Public Outreach Budget Workshop meeting on Monday, July 16, from 9am to 11am at the Veteran’s Memorial Building in Fillmore and continue the Public Hearing on the FY 2018-19 Budget to the July 17 FPB GSA Board Meeting, Vice Chair McFadden; Second, Director Kimball. Voice vote: five ayes (Kimball, Long, McFadden, Meneghin, Pace); none opposed, one absent (Broggie). Motion carries 5/0/1.

9D Formation of Ad Hoc Project committee to research, prepare and submit Potential Grant Funding Opportunities for future consideration by the Board

Motion

Chair Long said the ad hoc project committee would be tasked with developing a list for the Board as well as facilitating stakeholder engagement, especially meetings with pumpers to determine which projects on the initial list should be green lighted for development.

Director Meneghin said that aside from the grant opportunity regarding GSP development, monitoring wells and other separate projects should be identified so that the Agency can take advantage of other grant opportunities which are available. She also thought it was a good idea to figure out the various stakeholder components for budget implications, to get buy-in from constituents, to determine if matching funds are available and what the overall impact of these projects will be on the Agency’s rates and ratepayers.

Director Pace said that the pumpers’ initial reaction is that it’s too early to decide on projects when the GSP hasn’t been developed yet and the Agency doesn’t know what needed. He said further down the GSP process, it would be easier to determine what’s available and what supports the GSP and that the initial grant for the GSP was a fairly substantial one, which is nice.

Vice Chair McFadden said he agreed with Director Pace, but didn’t want to miss an opportunity. He added that perhaps this is something that the Director and GSP consultant could be involved with and doesn’t have to be decided now.

Chair Long said that the list could be used to identify grants to help with the GSP and while the main focus is on getting the GSP done, the Board should be considering grant opportunities as something that aligns with the GSP. She didn’t want to divert the attention of the Executive Director and consultant to have them supplement or support the GSP, and she just wants to make sure that the Board had discussed all of its funding options.

Director Meneghin said that often there are other non-profits who will match for grants. Director Pace said he supports anything beneficial to the GSP and basins. Chair Long said that perimeters can be included on the list and that no money is expended in sourcing matching funds and other opportunities.

Director Kimball said he wasn't sure and thought the focus should be on the GSP. Staff time and Board time spend on this in addition to the GSP spend, he restated that he thought the Board should keep its eye firmly on its responsibility to develop and deliver the GSP.

Chair Long said the committee could prepare an outline for grant goals. Director Pace said that he was ignorant of grant utilization and doesn't know of anyone who would be opposed to potential funding but it is not a real motivation for chasing it; and since there are no project at this point, but he does support it if it helps the GSP.

Motion to appoint Director Long and Director Meneghin to an ad hoc Project committee that will provide recommendations to the Board as to potential grant opportunities to offset the financial needs of the Agency in developing its GSPs and insuring groundwater sustainability, Director Kimball; Second, Director McFadden. Voice vote: five ayes (Kimball, Long, McFadden, Meneghin, Pace); none opposed; one absent (Broggie). Motion carries 5/0/1.

ADJOURNMENT 7:13p.m.

The Board was adjourned to the next **Regular Board Meeting** on Tuesday, **July 17, 2018** or call of the Chair.

ATTEST: _____
Kelly Long, Chair, FPB GSA Board of Directors

I certify that the above is a true and correct copy of the minutes of the Fillmore and Piru Basins Groundwater Sustainability Agency's Board of Directors meeting of June 19, 2018.

ATTEST: _____
Kris Sofley, Clerk of the Board



BOARD MEETING

June 19, 2018 @ 6:00pm

City Council Chambers, Fillmore City Hall

250 Central Avenue, Fillmore, CA 93015

Name: John Lindquist

Organization: United WCD

Phone: _____

E-mail: _____

Name: Manuel Minjares

Organization: Supervisor Long's Office

Phone: 805 921 5890

E-mail: manuel.minjares@ventura.org

Name: Tony Morgan

Organization: GROUNDWATER STRATEGIES, INC

Phone: 905 290 3862

E-mail: MORGAN.WATER@GMAIL.COM

Name: Kara Meeker

Organization: VCWPD / SCR Watershed Committee

Phone: 805 654 5142

E-mail: kara.meeker@ventura.org

Name: Ryan Kristensen

Organization: GHD

Phone: (661) 313-5041

E-mail: ryan.kristensen@ghd.com

Name: _____

Organization: _____

Phone: _____

E-mail: _____

Name: KENNETH ROGERS

Organization: FBPA & PBPA

Phone: 805-340-2363

E-mail: kb.rogers@hotmail.com

Name: _____

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Phone: _____

E-mail: _____

Name: Jean Thirkettle

Organization: KETL KOI

Phone: (805) 521-1874

E-mail: jeanthirkettle@hotmail

Name: _____

Organization: _____

Phone: _____

E-mail: _____

2018 Board of Directors Meetings

Fillmore and Piru Basins
Groundwater Sustainability Agency

Contact:
Kris Sofley
805 525 4431
kriss@unitedwater.org

Month	New Date	Old Date	Time	Location
June	Tuesday 19	25	6pm-8pm	Fillmore City Council Chambers
July	Tuesday 17	30	6pm-8pm	Fillmore City Council Chambers
August	Thursday 23	27	6pm-8pm	Fillmore City Council Chambers
September	Thursday 27	24	6pm-8pm	Fillmore City Council Chambers
October	Thursday 25	29	6pm-8pm	Fillmore City Council Chambers
November	Thursday 15	26	6pm-8pm	Fillmore City Council Chambers
December	Thursday 20	17	6pm-8pm	Fillmore City Council Chambers



Anthony Emmert
Deputy General Manager

Professional Summary

Mr. Emmert currently serves as Deputy General Manager, overseeing the District's Engineering and Environmental Departments. His experience includes 27 years of management of water, recycled water, wastewater, and stormwater systems. He has participated in water supply planning, demand management planning, water, wastewater, and recycled water master planning, asset management planning, rates planning, and utility and public works financial planning. Mr. Emmert has also participated in the planning, design and construction of water wells, membrane treatment facilities, multimedia pressure filtration treatment facilities, booster pumping stations, reservoirs, and pipelines. He has also participated in the planning, design and construction of other public works projects, including wastewater collection, wastewater treatment, recycled water treatment, drainage systems, streets, and public facilities. Mr. Emmert also has 7 years experience in construction management of industrial, commercial, and residential private development projects.

Planning

- Project Manager for the City of Oxnard's Urban Water Management Plan 2010.
- Project Manager for the City of Oxnard's Recycled Water Facilities Plan, 2007.
- Team Member for the City of Oxnard's Wastewater Collection Master Plan, 2006.
- Team Member for the Watersheds Coalition of Ventura County's Integrated Regional Water Management Plan, 2006.
- Project Manager for the City of Oxnard's Urban Water Management Plan 2005.
- Project Manager for the City of Oxnard's Water Master Plan.
- Project Manager for the City of Oxnard's Recycled Water Master Plan.

Water Treatment

- Project Manager for the City of Oxnard's GREAT Program Water Campus Desalter Phase 1. The project included the design and construction of a 7.5 MGD brackish water treatment facility, including cartridge filters, reverse osmosis, connection to the existing disinfection and blending facilities, and upgrades to distribution system piping.
- Project Manager for the GREAT Program Water Campus Desalter Reverse Osmosis System. The project included the design and specifications for the reverse osmosis system, prequalification of vendors, and repurchase of the reverse osmosis system.
- Project Team Member for the feasibility, preliminary design, final design and construction of the City of Santa Paula's Centralized Water Conditioning Facility and Well No. 14 Pumping Plant. The project consisted of a 7,500 gpm pressure filtration iron and manganese removal facility, treating water from the Fagan Wellfield, including oxidation, dual-media pressure filtration, disinfection, and corrosion inhibition, a 3,200 gpm well pump, connection to an existing City wellfield, and upgrades to distribution system piping. Provisions are included to expand the treatment facility to 10,000 gpm.

- Team Member for the design and construction of the Santa Paula Water Works, Ltd. Well Number 12 Water Conditioning Facility. The project consisted of a 1,600 gpm pressure filtration manganese removal facility, treating water produced by Well Number 12, including oxidation, dual-media pressure filtration, disinfection, and corrosion inhibition, and a washwater recycling system.
- Project Team Member for the final design and construction of the City of Oxnard's Blending Station No. 3 Relocation. The project consisted of the final design and construction of a replacement Blending Station Number 3, including disinfection equipment, laboratory, emergency power generation; and rerouted supply and blended water pipelines.

Wastewater

- Program Manager for the City of Oxnard's GREAT Program Advanced Water Purification Facility Phase 1. The project included the construction of a 6.25 MGD advanced treated recycled water facility, including microfiltration, reverse osmosis and advanced oxidation of secondary-treated water from the City's Wastewater Treatment Plant, for use as high-purity industrial water, irrigation of high-value agricultural crops, irrigation of landscaping, and future indirect potable reuse.
- Project Manager for the City of Santa Paula and City of Fillmore Regional Wastewater Treatment Plant Feasibility Study. The project involved determining the feasibility of constructing a regional wastewater treatment plant that would serve the needs of the Santa Clara River Valley, including the Cities of Santa Paula and Fillmore, the community of Piru, and the Ventura County Todd Road Jail Facility.
- Project Manager for the City of Santa Paula's Wastewater Treatment Plant Performance Enhancement Project, which involved modifying the processes of the existing 2.5 mgd treatment facility to meet increased NPDES permit requirements.

Pump Stations

- Project Manager for the Santa Paula Water Works, Ltd. Well Number 12 Facility. The project consisted of the feasibility, site selection, design and construction of a 1,600 gpm well pumping facility, and associated disinfection and manganese sequestering systems.
- Project Team Member for the City of Santa Paula Well Number 13 Facility. The project consisted of the feasibility, site selection, design and construction of a 2,000 gpm well pumping facility, and associated disinfection and iron and manganese sequestering systems.

Reservoirs

- Project Manager for the rehabilitation of the City of Santa Paula 200 Zone Reservoir Number 1. The project consisted of the evaluation and rehabilitation of the existing 105-year-old 4.4 MG buried concrete reservoir.

Pipelines

- Project Manager for the City of Santa Paula Water Distribution System Replacement and Upgrade Program. The project consisted of the evaluation, prioritization, design and construction of ongoing piping upgrades and replacements throughout the 110-year-old distribution system, in order to improve hydraulic performance and system reliability.

Affiliations

American Water Works Association
Association of Water Agencies of Ventura County
Watersheds Coalition of Ventura County
WaterReuse Association
Water Environment Federation
American Public Works Association

Education

Bachelor of Science degree in Environmental Policy Analysis and Planning, Water Quality
University of California, Davis, 1984

Fillmore Piru Basins Groundwater Sustainability Agency

Administrative Support Services		Est Hrs/Month	Rate	Units		
<i>Agency Job Title</i>	<i>District Job Title</i>					
Clerk of the Board	Executive Assistant	16	\$ 69.06	/hour	\$	1,104.96
Staff	Executive Director	6	\$ 172.25	/hour	\$	1,033.50
Staff	Assistant Hydrogeologist	2	\$ 83.19	/hour	\$	166.38
Finance	Senior Accountant	2	\$ 78.06	/hour	\$	156.12
					\$	-
				Total	\$	2,460.96 /month
					\$	29,531.52
Accounting/Billing Services - Routine Tasks (e.g., A/P-A/R)		Est Hrs/Month	Rate	Units		
<i>Agency Job Title</i>	<i>District Job Title</i>					
Clerk of the Board	Executive Assistant	2	\$ 69.06	/hour	\$	138.12
Staff	Executive Director	0	\$ 172.25	/hour	\$	-
Staff	Assistant Hydrogeologist	2	\$ 83.19	/hour	\$	166.38
Finance	Senior Accountant	4	\$ 78.06	/hour	\$	312.24
Finance	Chief Financial Officer	2	\$ 146.23	/hour	\$	292.46
				Total	\$	909.20 /month
					\$	10,910.40
Technical Support Services - Routine Tasks - (1 meeting/month)		Est Hrs/Month	Rate	Units		
<i>Agency Job Title</i>	<i>District Job Title</i>					
Clerk of the Board	Executive Assistant	2	\$ 69.06	/hour	\$	138.12
Staff	Executive Director	8	\$ 172.25	/hour	\$	1,378.00
Staff	Assistant Hydrogeologist	8	\$ 83.19	/hour	\$	665.52
Finance	Senior Accountant	0	\$ 78.06	/hour	\$	-
Finance	Chief Financial Officer	0	\$ 146.23	/hour	\$	-
Staff	Senior Hydrogeologist	4		/hour	\$	-
				Total	\$	2,181.64 /month
					\$	26,179.68
Accounting/Billing Services - Groundwater Extraction Statements (2X/year)		Est Hrs/6 months	Rate	Units		
<i>Agency Job Title</i>	<i>District Job Title</i>					
Clerk of the Board	Executive Assistant	0	\$ 69.06	/hour	\$	-
Staff	Executive Director	0	\$ 172.25	/hour	\$	-
Staff	Assistant Hydrogeologist	6	\$ 83.19	/hour	\$	499.14
Finance	Senior Accountant	40	\$ 78.06	/hour	\$	3,122.40
Finance	Chief Financial Officer	8	\$ 146.23	/hour	\$	1,169.84
				Total	\$	4,791.38 /6 months
					\$	9,582.76
Finance	Senior Accountant	60	\$ 78.06	/hour	\$	4,683.60
						one time initial setup
Technical Support Services - GSP Preparation		Est Hrs/Month	Rate	Units		
<i>Agency Job Title</i>	<i>District Job Title</i>					
Clerk of the Board	Executive Assistant		\$ 69.06	/hour	\$	-
Staff	Executive Director		\$ 172.25	/hour	\$	-
Staff	Senior Hydrogeologist		\$ 110.57	/hour	\$	-
Staff	Assistant Hydrogeologist		\$ 83.19	/hour	\$	-
Finance	Senior Accountant		\$ 78.06	/hour	\$	-
Finance	Chief Financial Officer		\$ 146.23	/hour	\$	-
				Total	\$	- /month
Scope of Work is TBD					\$	76,204.36



GROUNDWATER SUSTAINABILITY AGENCY

P O Box 1110, Fillmore, CA 93016

(805) 525-4431

<https://fpbgsa.org>

CHECK REQUEST

Date required: July 17, 2018 Date Requested: July 9, 2018

Pay to: Herald Printing, Ltd.

Address: 1242 Los Angeles Avenue

City, State, Zip: Saticoy, CA 93004-1992

Amount \$ 458.31

Charge to Account(s): office supplies (printed #10 and #10 window envelopes)

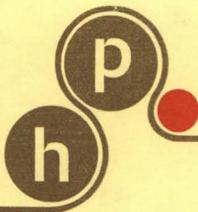
Reason for Check/Petty Cash Request:

Requested by: Kris Sofley, Clerk of the Board

Approved by: _____
Board Secretary/Treasurer

Authorized by: _____
Board Chair

(Attach invoices/receipts/documentation for costs verification)



Herald Printing, Ltd.

Precision Graphic Solutions

1242 Los Angeles Avenue • Saticoy, CA 93004-1992
Accounting Dept. (805) 647-1870 • Fax (805) 647-1852
Fed. I.D. # 77-0584527

INVOICE

Invoice #	180766011
Invoice Date	6/30/18
Date Shipped	6/29/18
Ship Via	Our Truck
Salesperson	Eric Lunquist
Terms	Net 30 Days
P.O. Number	Kris Sofley
Job Number	180766

United Water Conservation District
Kris Sofley
106 North 8th Street
Santa Paula, CA 93060

Quantity	Description	Unit Price	UM	Amount
2.500	Each of 2 Envelopes-Fillmore Piru Basins, regular & window	\$423.38		\$423.38
Invoice due and payable in 30 days.		Subtotal		\$423.38
Thank you for your business!		Sales Tax		\$34.93
		Total Due		\$458.31

Customer Code : UNITEDWA

Invoice Number : 180766011

Invoice Date : 6/30/18

Invoice Amount : \$458.31

Amount Paid : _____

Remit To:

Herald Printing Ltd.
Precision Graphic Solutions
1242 Los Angeles Ave
Ventura, CA 93004

Remitter:

United Water Conservation District
Kris Sofley
106 North 8th Street
Santa Paula, CA 93060



GROUNDWATER SUSTAINABILITY AGENCY

P O Box 1110, Fillmore, CA 93016

(805) 525-4431

<https://fpbgsa.org>

CHECK REQUEST

Date required: July 17, 2018 Date Requested: July 10, 2018

Pay to: Olivarez Madruga Lemieux O'Neill, LLP

Address: 4165 E. Thousand Oaks Blvd., Suite 350

City, State, Zip: Westlake Village, CA 91362

Amount \$ 400.00

Charge to Account(s): Legal Services

Reason for Check/Petty Cash Request: General Counsel services for June 2018

Requested by: Kris Sofley, interim executive director

Approved by: _____

Board Secretary/Treasurer

Authorized by: _____

Board Chair

(Attach invoices/receipts/documentation for costs verification)



OLIVAREZ MADRUGA LEMIEUX O'NEILL, LLP

Olivarez Madruga Lemieux O'Neill, LLP.

4165 E. Thousand Oaks Blvd. Suite #350

Westlake Village, CA 91362-3852

Tel: (805) 495-4770 Fax: 805.495.2787

www.omlolaw.com

Fillmore and Piru Basins GSA

Attn: Kelly Long

P.O. Box 1110

Fillmore, CA 93016

Page: 1

June 30, 2018

Client/Matter No. 76.001

Statement No: 4157

Fillmore and Piru Basins GSA

For Professional Services Thru 06/30/2018

FEE TRANSACTIONS

			Rate	Hours	
06/04/2018	SON	Final edits to bylaws; email Kris	200.00	0.20	40.00
06/01/2018	KL	Telephone conference with SON regarding RFP for engineer	200.00	0.20	N/C
06/19/2018	SON	Review agenda	200.00	0.40	80.00
06/19/2018	SON	Attend meeting	200.00	1.40	280.00
Total Fee Charges:				2.20	400.00

Timekeeper Summary

<u>Timekeeper</u>	<u>Title</u>	<u>Hours</u>	<u>Total</u>
Keith Lemieux	Partners	0.20	\$0.00
Steve O'Neill	Partners	2.00	\$400.00

Total Current Charges 400.00

Previous Balance \$1,985.16

PAYMENT TRANSACTIONS

06/08/2018	04/30/2018 Payment - Thank you, Check # 11007	-875.50
	Balance Due	<u>\$1,509.66</u>

Aging of Past Due Amounts

0-30 Days	31-60 Days	61-90 Days	91-120 Days	Over 120 Days	Total Past Due
\$1,109.66	\$0.00	\$0.00	\$0.00	\$0.00	\$1,109.66



GROUNDWATER SUSTAINABILITY AGENCY

P O Box 1110, Fillmore, CA 93016

(805) 525-4431

<https://fpbgsa.org>

CHECK REQUEST

Date required: July 17, 2018 Date Requested: July 10, 2018

Pay to: The Fillmore Gazette

Address: P O Box 865

City, State, Zip: Fillmore, CA 93016

Amount \$ 324.00

Charge to Account(s): Public Notices: Public Outreach Basin Boundary Modification

Workshop (Mar 2018 - \$108) and Public Outreach FY 2018-19 Budget Workshop

(July 2018 - \$216.)

Reason for Check/Petty Cash Request: Public Outreach/Engagement

Requested by: Kris Sofley, interim executive director

Approved by: _____

Board Secretary/Treasurer

Authorized by: _____

Board Chair

(Attach invoices/receipts/documentation for costs verification)

The Fillmore Gazette

P.O. Box 865
Fillmore, CA 93016

Invoice

Date	Invoice #
7/10/2018	9548

Bill To
Fillmore & Piru Basins Ground Water Att: KRIS SOFLEY P.O. BOX 1110 Fillmore Ca. 93016

P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
2	3X4 AD BUDGET WORK SHOP 7/5-7/12/2018 <i>Public Outreach - FY2018-19 Budget Workshop print and online</i>	108.00	216.00
		Total	\$216.00

The Fillmore Gazette

P.O. Box 865
Fillmore, CA 93016

Invoice

Date	Invoice #
3/20/2018	9422

Bill To
Fillmore Piru Basin Groundwater Sustainability Agency c/o United Water Conservation District ATTN: Kris Sofley 106 N. 8th St., Santa Paula, CA 93060

P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
2	Display Ad (Size: 2X3) PRINT/ONLINE 03/01-03/08/2018 <i>Public Outreach - Boundary Basin Modification Workshop Print and online</i>	54.00	108.00
		Total	\$108.00



Fillmore and Piru Basins
Groundwater Sustainability Agency

GROUNDWATER SUSTAINABILITY AGENCY

P O Box 1110, Fillmore, CA 93016

(805) 525-4431

<https://fpbgsa.org>

CHECK REQUEST

Date required: July 17, 2018

Date Requested: July 12, 2018

Pay to: United Water Conservation District

Address: 106 N. 8th St.

City, State, Zip: Santa Paula, CA 93060

Amount \$30,136.14

Charge to Account(s): Professional Services (various), office supplies

Reason for Check/Petty Cash Request:

Requested by: Tina Rivera, CFO, UWCD

Approved by: _____
Board Secretary/Treasurer

Authorized by: _____
Board Chair

(Attach invoices/receipts/documentation for costs verification)

Board of Directors
 Robert Eranio, President
 Daniel C. Naumann, Vice President
 Michael W. Mobley, Secretary/Treasurer
 Sheldon G. Berger
 Bruce E. Dandy
 Lynn E. Maulhardt
 Edwin T. McFadden III



UNITED WATER CONSERVATION DISTRICT
 "Conserving Water since 1927"

General Manager
 Mauricio E. Guardado, Jr.

Legal Counsel
 David D. Boyer

July 11, 2018

INVOICE #2

Invoice for consulting services from January 1 through June 30, 2018

Personnel			
Position	Hourly Rate	# of Hours	Total
Deputy GM-GW Resources	141.81	50.00	7,090.50
Senior Hydrogeologist	106.45	8.50	904.83
Assistant Hydrogeologist	80.05	122.00	9,766.10
<i>Subtotal Groundwater Staff</i>			<i>17,761.43</i>
Executive Assistant (Clerk of the Board) - Straight Time	63.19	4.50	284.36
Executive Assistant (Clerk of the Board) - Overtime	94.79	53.50	5,071.27
<i>Subtotal Administrative Staff</i>			<i>5,355.63</i>
Chief Financial Officer	140.84	5.50	774.62
Senior Accountant	75.26	43.75	3,292.63
Accountant I	60.61	14.59	884.30
<i>Subtotal Accounting Staff</i>			<i>4,951.54</i>
Total Personnel			28,068.59
Non-Personnel Expenses			
Description			Total
Public Information - Legal Notices			113.44
Postage			571.31
Supplies: Copies, envelopes, labels, binding materials			612.98
Purchase of QuickBooks Premier Edition 2018			769.81
Total Non-Personnel			2,067.54
TOTAL JANUARY - JUNE 2018			30,136.14

AR-

Payroll Set: 01 - United Water Conservation District

3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi	050-100-51160	Over-time Sal	OT	Executive Assista	03/02/2018	03/02/2018	10
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi	050-100-51160	Over-time Sal	OT	Executive Assista	03/27/2018	03/30/2018	6
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi	050-100-51160	Over-time Sal	OT	Executive Assista	04/13/2018	04/13/2018	5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi	050-100-51160	Over-time Sal	OT	Executive Assista	04/27/2018	04/27/2018	1
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi	050-100-51110	Regular Salary	RP	Executive Assista	05/11/2018	05/11/2018	6
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi	050-100-51160	Over-time Sal	OT	Executive Assista	05/11/2018	05/11/2018	7.5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi	050-100-51160	Over-time Sal	OT	Executive Assista	06/08/2018	06/08/2018	7.25
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi	050-100-51160	Over-time Sal	OT	Executive Assista	06/22/2018	06/22/2018	1
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi	050-100-51160	Over-time Sal	OT	Executive Assista	07/06/2018	06/30/2018	2.25
1037 - Sofley, Kristy Total:								58

Employee: 1038 - Rivera, Alvertina

Department: Admin - Admin

Project #	Project Name	Proj. Acct. #	GL Account #	GL Account Name	Pay Code	Position Code	Pay Date	Exp. Date	Units
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-100-51110	Regular Salary	RP	Chief Financial O	05/11/2018	05/11/2018	3
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-100-51110	Regular Salary	RP	Chief Financial O	06/08/2018	06/08/2018	2
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-100-51110	Regular Salary	RP	Chief Financial O	07/06/2018	06/30/2018	0.5
1038 - Rivera, Alvertina Total:									5.5

Employee: 1044 - Lindquist, John C

Department: Admin - Admin

Project #	Project Name	Proj. Acct. #	GL Account #	GL Account Name	Pay Code	Position Code	Pay Date	Exp. Date	Units
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Senior Hydrogeol	05/11/2018	05/11/2018	1.5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Senior Hydrogeol	06/08/2018	06/08/2018	5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Senior Hydrogeol	07/06/2018	06/30/2018	2
1044 - Lindquist, John C Total:									8.5

Employee: 1056 - Rocha, Robert

Department: Admin - Admin

Project #	Project Name	Proj. Acct. #	GL Account #	GL Account Name	Pay Code	Position Code	Pay Date	Exp. Date	Units
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-110-51110	Regular Salary	RP	Accountant I	05/11/2018	05/11/2018	6.5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-110-51110	Regular Salary	RP	Accountant I	06/22/2018	06/22/2018	1.5
1056 - Rocha, Robert Total:									8

Employee: 1076 - Gorospe, Erin McCoy

Department: Admin - Admin

Project #	Project Name	Proj. Acct. #	GL Account #	GL Account Name	Pay Code	Position Code	Pay Date	Exp. Date	Units
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-110-51110	Regular Salary	RP	Senior Accountar	04/27/2018	04/27/2018	3
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-110-51110	Regular Salary	RP	Senior Accountar	05/11/2018	05/11/2018	18.75
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-110-51110	Regular Salary	RP	Senior Accountar	05/25/2018	05/25/2018	6.25
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-110-51110	Regular Salary	RP	Senior Accountar	06/08/2018	06/08/2018	7.5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-110-51110	Regular Salary	RP	Senior Accountar	06/22/2018	06/22/2018	0.25
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-110-51110	Regular Salary	RP	Senior Accountar	07/06/2018	06/30/2018	8
1076 - Gorospe, Erin McCoy Total:									43.75

Payroll Set: 01 - United Water Conservation District

Employee: 1092 - Jimenez, Beatriz Antonia

Department: Admin - Admin

Project #	Project Name	Proj. Acct. #	GL Account #	GL Account Name	Pay Code	Position Code	Pay Date	Exp. Date	Units
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-110-51110	Regular Salary	RP	Accountant I	05/11/2018	05/11/2018	6.59
								1092 - Jimenez, Beatriz Antonia Total:	6.59

Total: 302.34



Project Account Distribution Report

Payment Date Range: -

Expense Date Range: 01/01/2018 - 06/30/2018

By: Employee

Payroll Set: 01 - United Water Conservation District

Employee: 1024 - Morgan, Wm Tony

Department: Admin - Admin

Project #	Project Name	Proj. Acct. #	GL Account #	GL Account Name	Pay Code	Position Code	Pay Date	Exp. Date	Units
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Deputy General M	01/05/2018	01/05/2018	1.5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Deputy General M	01/19/2018	01/19/2018	7
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Deputy General M	02/02/2018	02/02/2018	10.5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Deputy General M	02/16/2018	02/16/2018	10.5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Deputy General M	03/02/2018	03/02/2018	10
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Deputy General M	03/16/2018	03/16/2018	1.5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Deputy General M	03/27/2018	03/30/2018	9
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Deputy General M	03/30/2018	03/16/2018	-1.5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Deputy General M	03/30/2018	03/16/2018	1.5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Deputy General M	03/30/2018	03/16/2018	-1.5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Deputy General M	03/30/2018	03/16/2018	1.5
1024 - Morgan, Wm Tony Total:									50

Employee: 1027 - Moore, Timothy Dale

Department: Admin - Admin

Project #	Project Name	Proj. Acct. #	GL Account #	GL Account Name	Pay Code	Position Code	Pay Date	Exp. Date	Units
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Assistant Hydrog	02/16/2018	02/16/2018	6
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Assistant Hydrog	03/02/2018	03/02/2018	11
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Assistant Hydrog	03/16/2018	03/16/2018	2
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Assistant Hydrog	03/27/2018	03/30/2018	10
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Assistant Hydrog	04/13/2018	04/13/2018	21
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Assistant Hydrog	04/27/2018	04/27/2018	12
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Assistant Hydrog	05/11/2018	05/11/2018	10
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Assistant Hydrog	05/25/2018	05/25/2018	11
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Assistant Hydrog	06/08/2018	06/08/2018	15
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Assistant Hydrog	06/22/2018	06/22/2018	16
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-500-51110	Regular Salary	RP	Assistant Hydrog	07/06/2018	06/30/2018	8
1027 - Moore, Timothy Dale Total:									122

Employee: 1037 - Sofley, Kristy

Department: Admin - Admin

Project #	Project Name	Proj. Acct. #	GL Account #	GL Account Name	Pay Code	Position Code	Pay Date	Exp. Date	Units
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-100-51160	Over-time Sal	OT	Executive Assista	01/19/2018	01/19/2018	3
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-100-51160	Over-time Sal	OT	Executive Assista	02/02/2018	02/02/2018	1.5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-100-51160	Over-time Sal	OT	Executive Assista	02/16/2018	02/16/2018	3.5
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-100-51110	Regular Salary	RP	Executive Assista	02/16/2018	02/16/2018	4
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-100-51160	Over-time Sal	OT	Executive Assista	03/02/2018	03/02/2018	10
3320	GSASGMA - Fillmore / 3320 GSASGMA Fill/Pi		050-100-51160	Over-time Sal	OT	Executive Assista	03/02/2018	03/02/2018	-10

Christy Ramirez

Subject: FW: Santa Paula Times Customer Receipt

-----Original Message-----

From: santapaulatimes@gmail.com [mailto:santapaulatimes@gmail.com]
Sent: Tuesday, November 21, 2017 10:53 AM
To: Kris Sofley <kriss@unitedwater.org>
Subject: Santa Paula Times Customer Receipt

Your card has been charged by Santa Paula Times. Below is your receipt of payment.

*Advertisement for
Budget Workshop*

Transaction Details

Date: 11/21/17 10:52:31
Merchant: Santa Paula Times
Type: Credit Card Sale
Invoice #:
Amount: 51.00
Description:
Card Holder: Christy Ramirez
Card Number: xxxxxxxxxxxxxx4344

v8.1-ue-vt-c

This email has been scanned by the Symantec Email Security.cloud service.
For more information please visit <http://www.symanteccloud.com>

VENTURA COUNTY
STAR

Sales Rep: Erin Duffy (GW52)

Phone:

Email:

> Ad Proof

> Account Information

Date: 02/15/18

Account Number: 272348 (V19140)

Company Name: UNITED WATER CONSERV/LEGALS

Contact Name:

Email:

Address: 106 N 8TH ST, SANTA PAULA, CA, 93060

Phone: (805) 525-4431

Fax: (805) 525-2661

> Insertion Information

This is a proof of your ad scheduled to run on the dates indicated below.

Please confirm placement prior to deadline by contacting your account

rep at .

Ad Id: 1928901

P.O. Number:

Total Cost: \$62.44

Tag Line: NOTICE OF PUBLIC HEARING A meeting o

Start Date: 02/19/18

Stop Date: 02/19/18

Number of Times: 1

Class: 16250 - Public Notices

Publications: VC-Ventura County Star, VC-Internet-vcstar.com

> Ad Proof

I agree this ad is accurate and as ordered.

NOTICE OF PUBLIC HEARING

A meeting of the Fillmore and Piru Basins Groundwater Sustainability Agency will be held on Tuesday, February 20, 2018 at 6p.m. at the Fillmore City Hall Council Chambers. The purpose of this meeting will be to discuss the 2018 budget for the FPB GSA, including rate setting for groundwater extraction fees and billing frequency.

A copy of the proposed FPB GSA Budget document may be inspected and/or copies obtained at the meeting. For more information, visit <https://fpbgsa.org> or <https://www.facebook.com/FPBGSA/>

Publish: Feb 19, 2018 Ad No. 1928901

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6/26/2017	9	8	72	0.011	\$0.79	8	0.35	\$2.80	\$3.59
7/26/2017	30	8	240	0.011	\$2.64	8	0.71	\$5.68	\$8.32
8/28/2017	73	8	584	0.011	\$6.42	8	0.71	\$5.68	\$12.10
9/7/2017	3	8	24	0.011	\$0.26 NA			\$0.00	\$0.26
9/18/2017	77	8	616	0.011	\$6.78	8	0.71	\$5.68	\$12.46
10/30/2017	187	8	1496	0.011	\$16.46	8	0.71	\$5.68	\$22.14
11/7/2017	2	8	16	0.011	\$0.18 NA			\$0.00	\$0.18
12/4/2017	2	8	16	0.011	\$0.18 NA			\$0.00	\$0.18
1/11/2018	71	8	568	0.011	\$6.25	8	0.71	\$5.68	\$11.93
1/29/2017	62	8	496	0.011	\$5.46	8	0.71	\$5.68	\$11.14
2/7/2018	2	8	16	0.011	\$0.18 NA			\$0.00	\$0.18
2/20/2018	49	10	490	0.011	\$5.39	10	0.71	\$7.10	\$12.49
3/16/2018	3	10	30	0.011	\$0.33 NA			\$0.00	\$0.33
3/26/2018	100	10	1000	0.011	\$11.00	10	0.71	\$7.10	\$18.10
4/19/2018	13	10	130	0.011	\$1.43	10	0.71	\$7.10	\$8.53
4/30/2018	178	10	1780	0.011	\$19.58	10	0.71	\$7.10	\$26.68
5/31/2018	151	10	1510	0.011	\$16.61	10	0.71	\$7.10	\$23.71
6/19/2018	32	10	320	0.011	\$3.52	10	0.71	\$7.10	\$10.62
									\$182.92

Mailings		# of copies		envelopes		postage		mailing labels	TOTAL
Mailing Budget Workshop #1	Nov-17	245 x .22	\$53.90	245 @ .11 each	\$26.95	.46 each	\$112.70		\$193.55
Mailing Budget Workshop #2	Feb-18	245 x .22	\$53.90	245	\$26.95	.46 each	\$112.70		\$193.55
Mailing Boundary Modification	Feb-18	245 x .22	\$53.90	245	\$26.95	.49 each	\$112.70		\$193.55
Mailing Invoices 7/1/17 - 12/31/17	May-18	459 x .22	\$100.98	237 @ .11 each 8 oversize @ .17 each	\$26.07	.47 each plus 5 oversize	\$113.40	470 x .012	\$5.640
Mailing Budget Workshop FY 18-19	Jun-18	243 x .22	\$53.46		\$1.36	1.12 each	\$5.60		\$6.96
						243 x .47 each	\$114.21		\$167.67
		Subtotal Copie:	\$316.14	Subtotal Envelop	\$108.28	Subtotal Postage	\$571.31	Subtotal Labels	\$5.64
									\$1,001.37

Total Copies & Mailings **\$1,184.29**

Review Order

<p>Customer Information Edit</p> <p>E-mail: infosys@unitedwater.org</p> <p>First Name: Zachary</p> <p>Last Name: Plummer</p> <p>Company Name: United Water Conservation District</p> <hr/> <p>Shipping Address Edit</p> <p>106 N 8th Street Santa Paula, CA 93060</p>	<p>Payment Information Edit</p> <p>Credit Card: MasterCard</p> <p>Name on Card: Christy Ramirez</p> <p>Card Number: xxxx-xxxx-xxxx-4344</p> <p>Expires: 03/2020</p> <p>Billing Address: 106 N 8th Street Santa Paula, CA 93060</p>
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Items in your shopping cart	Quantity	Total (\$)
Intuit QuickBooks 2018-Premier Download 3 Users	1	Sale \$1,240.05 \$889.95 <i>You saved \$360.00!</i>
Intuit QuickBooks Desktop Reinstall CD 2018 Pro/Premier	1	\$0.00

SL

050-910-53060 ✓

Proj

3320-335- \$769.81

3310-335 \$200

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GSA

firm ▼

Subtotal: \$889.95
Sales Tax: \$73.91
Shipping: \$5.95
Total: \$969.81
Total Savings: \$360.00

Place Order



Item No. **8A Motion**

DATE: **July 17, 2018**

TO: **Board of Directors**

SUBJECT: Adoption of Resolution 2018-04 Approving and Adopting the Proposed FY 2018-19 Budget

SUMMARY

The FPB GSA Board of Directors carefully reviewed and considered the proposed FY 2018-19 Budget as originally submitted, along with the recommended revisions resulting from its Regular Board Meeting on June 19, 2018 and the Public Outreach Budget Workshop conducted on Monday, July 16, 2018.

RECOMMENDED ACTION

The Board shall consider adopting Resolution 2018-04 by which the Board of Directors of the Fillmore and Piru Basins Groundwater Sustainability Agency approve and adopted the proposed FY 2018-19 Budget.

BACKGROUND

The FPB GSA Board of Directors opened a Public Hearing regarding the FY2018-19 Budget during its May 31, 2018 Regular Board Meeting. During its June 19, 2018 Board of Directors meeting, Directors approved the proposed Budget for the Fillmore and Piru Basins Groundwater Sustainability Agency (FPBGSA) for the Fiscal Year 2018-19, commencing on July 1, 2018 and ending June 30, 2019. That proposed draft of the Agency’s Fiscal Year (“FY”) 2018-19 Budget Plan, which included a summary of fixed and variable costs and projected, fixed, variable and marginal rates was shared with pumpers within the two basins (Fillmore and Piru) and the general public at a Public Budget Workshop on July 16, 2018. During that Public Budget Workshop, the Board addressed the budget preparation process, the FY 2018-19 portion of the Budget plan forecasts, and the Proposed FY 2018-19 Budget and received public comments as well as recommendations from the Agency’s Ad Hoc Finance Committee.

FISCAL IMPACT

Adoption of Resolution 2018-04 and approval of the FY 2018-19 Budget, as modified and recommended, establishes the Board’s spending plan for staff for the upcoming fiscal year. This spending plan represents the authorization to expend funds over the next 12 months per the policies and established objectives and goals of the Board of Directors. The budget can be amended throughout the fiscal year as often and whenever the Board so desires, via a majority vote of its members. If a budget is not adopted, staff would not have the authority to expend funds or carry out the GSA’s operations.

ATTACHMENTS: A – Resolution 2018-04

B – Proposed FY 2018-19 Budget

Item No: 8A Resolution 2018-04

July 17, 2018

Page 2

Proposed Motion: "Motion to adopt Resolution 2018-04 approving and adopting the proposed FY 2018-19 Budget as presented."

1st: Director _____

2nd: Director _____

Voice/Roll call vote: Director Broggie: Director Kimball: Director Long: Director McFadden:

Director Meneghin:

Director Pace:

RESOLUTION NO. 2018-04

**A RESOLUTION OF
THE BOARD OF DIRECTORS OF
THE FILLMORE AND PIRU BASINS
GROUNDWATER SUSTAINABILITY AGENCY
ADOPTING THE PROPOSED FISCAL YEAR 2018-19 BUDGET**

WHEREAS, the Board of Directors, on June 19, 2018, approved the proposed Budget for the Fillmore and Piru Basins Groundwater Sustainability Agency (FPBGSA) for the Fiscal Year 2018-19, commencing on July 1, 2018 and ending June 30, 2019; and

WHEREAS, as recommended by the Sustainable Groundwater Management Act, the following activities were undertaken by the Agency:

1. A preliminary draft of the Agency's Fiscal Year ("FY") 2018-19 Budget Plan was shared with pumpers within the two basins (Fillmore and Piru) and the general public at a Public Budget Workshop on July 16, 2018;
2. The preliminary draft of the budget included a summary of fixed and variable costs and projected, fixed, variable and marginal rates;
3. The Agency held a Public Hearing regarding the FY2018-19 Budget during its May 31, 2018 Regular Board Meeting; and

WHEREAS, an Ad Hoc Finance Committee reviewed and discussed:

1. The budget preparation process; and
2. The FY 2018-19 portion of the Budget Plan, including recommended revisions to the proposed FY 2018-19 Budget Plan and forward looking forecast since its initial May 31, 2018 submission; and

WHEREAS, the Board of Directors carefully reviewed and considered the proposed FY 2018-19 Budget as originally submitted, along with the recommended revisions resulting from the above mentioned activities, at its Regular Board Meeting on June 19, 2018.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Fillmore and Piru Basins Groundwater Sustainability Agency hereby approves and adopts the FY 2018-19 Budget for the period of July 1, 2018 through June 30, 2019, as proposed to the Board of Directors on July 17, 2018.

ADOPTED AND PASSED this 17 day of July, 2018.

RESOLUTION No. 2018-04
(continued)

ATTEST: _____
Kelly Long, Chair, FPB GSA Board of Directors

ATTEST: _____
Edwin T. McFadden III, Vice Chair/Secretary/Treasurer, FPB GSA Board
of Directors

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O																
1	Fillmore & Piru Basins GSA Estimated Budget																														
2																															
3		FY 2017-18		FY2018-19		FY2019-20		FY2020-21		FY2021-22		FY2022-23		FY2023-24																	
4		CY2017		CY2018		CY2019		CY2020		CY2021		CY2022		CY2023																	
5		Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec																	
6	Revenue	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec																	
7	GW Extractions, AF/6 months (a)(b)	30,128	25,619	30,128	25,619	30,128	25,619	30,128	25,619	30,128	25,619	30,128	25,619	30,128																	
8	GW extraction fee, \$/AF	\$ -	\$ 8.50	\$ 8.50	\$ 8.50	\$ 8.50	\$ 8.50	\$ 8.50	\$ 4.00	\$ 4.00	\$ 4.00	\$ 4.00	\$ 4.00	\$ 4.00																	
9	Revenue	\$ -	\$ 256,091	\$ 217,759	\$ 256,091	\$ 217,759	\$ 256,091	\$ 217,759	\$ 120,513	\$ 102,475	\$ 120,513	\$ 102,475	\$ 120,513	\$ 102,475	\$ 2,090,511																
10	Ventura County	\$ 51,300																													
11	Grant Reimbursements (c) (d)			\$ 61,124	\$ 40,684	\$ 89,351	\$ 125,851	\$ 381,351	\$ 344,851	\$ 51,788	\$ -	\$ -	\$ -	\$ -	\$ 1,095,000																
14	Total Revenue	\$ 51,300	\$ 256,091	\$ 278,883	\$ 296,775	\$ 307,109	\$ 381,941	\$ 599,109	\$ 465,364	\$ 154,263	\$ 120,513	\$ 102,475	\$ 120,513	\$ 102,475	\$ 3,185,511																
15																															
16	Expenses	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec	Jan-Jun	Jul-Dec																	
17	GSA Administration (i) , (k)	\$ 26,026	\$ 74,300	\$ 74,300	\$ 74,300	\$ 74,300	\$ 74,300	\$ 74,300	\$ 74,300	\$ 74,300	\$ 74,300	\$ 74,300	\$ 74,300	\$ 74,300	\$ 917,626																
18	GSP Preparation + Grant Admin (e) + (f)	\$ -	\$ 46,971	\$ 46,971	\$ 46,971	\$ 46,971	\$ 46,971	\$ 46,971	\$ 46,971	\$ 46,971	\$ -	\$ -	\$ -	\$ -	\$ 375,770																
19	GSP Outreach & Stakeholder Engagement (h)	\$ -	\$ 8,761	\$ 8,761	\$ 8,761	\$ 8,761	\$ 8,761	\$ 8,761	\$ 8,761	\$ 8,761					\$ 70,084																
20	GW Modeling GSP support by UWCD (j)	\$ -	\$ -	\$ -	\$ 66,667	\$ 66,667	\$ 66,667	\$ 66,667	\$ 66,667	\$ 66,667	\$ -	\$ -	\$ -	\$ -	\$ 400,000																
21	Monitoring Well #1 (g)			\$ -	\$ -	\$ 50,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000																
22	Monitoring Well #2 (g)			\$ -	\$ -	\$ -	\$ 50,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000																
23	Grant Writer & Application (DWR GSP Preparation)	\$ 18,032	\$ 9,968												\$ 28,000																
24	Ventura County		\$ 51,300												\$ 51,300																
25	Budget Contingency/Reserve		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 300,000																
26	Total Expenses	\$ 44,058	\$ 216,300	\$ 155,032	\$ 221,698	\$ 271,698	\$ 621,698	\$ 571,698	\$ 221,698	\$ 221,698	\$ 99,300	\$ 99,300	\$ 99,300	\$ 99,300	\$ 2,942,780																
27	6 Month Balance	\$ 7,242	\$ 39,790	\$ 123,851	\$ 75,076	\$ 35,411	\$ (239,757)	\$ 27,411	\$ 243,666	\$ (67,436)	\$ 21,213	\$ 3,175	\$ 21,213	\$ 3,175																	
28	Running Balance	\$ 7,242	\$ 47,033	\$ 170,884	\$ 245,960	\$ 281,371	\$ 41,614	\$ 69,025	\$ 312,691	\$ 245,255	\$ 266,468	\$ 269,643	\$ 290,856	\$ 294,031																	
29																															
30		AF		95%																											
31	(a) Fillmore + Piru Period 1 avg. =	26,967	46%	25,619		<table border="1"> <thead> <tr> <th colspan="2" style="text-align: left;">Grant Application</th> </tr> </thead> <tbody> <tr> <td>GSP proj admin (e)</td> <td>\$ 30,228</td> </tr> <tr> <td>MWs (g)</td> <td>\$ 800,000</td> </tr> <tr> <td>GW model</td> <td>\$ 799,576</td> </tr> <tr> <td>GSP prep (f)</td> <td>\$ 345,542</td> </tr> <tr> <td>outreach (h)</td> <td>\$ 70,084</td> </tr> <tr> <td>Sum</td> <td>\$ 2,045,430</td> </tr> <tr> <td>Grant application total</td> <td>\$ 2,045,430</td> </tr> </tbody> </table>										Grant Application		GSP proj admin (e)	\$ 30,228	MWs (g)	\$ 800,000	GW model	\$ 799,576	GSP prep (f)	\$ 345,542	outreach (h)	\$ 70,084	Sum	\$ 2,045,430	Grant application total	\$ 2,045,430
Grant Application																															
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outreach (h)	\$ 70,084																														
Sum	\$ 2,045,430																														
Grant application total	\$ 2,045,430																														
32	(b) Fillmore + Piru Period 2 avg. =	31,714	54%	30,128																											
33	Total	58,681		55,747																											
34																															
35																															
36	(c) Grant reimbural eligible costs:			(d) Grant reimbursement %		73%																									
37	GSP prep + Model+MW 1 & 2+Grant applic			Grant request		\$ 1,500,000																									
38	6 month lag time for reimbursements																														
39																															
40																															
41																															

GSA Admin (i) inc UWCD labor + expenses for Jul-Dec CY17	\$ 26,026
GW modeling support of GSP (j)	\$ 400,000
GSA Admin (k) inc COC, acct, staff, legal, outreach, etc.	\$ 74,300
Clerk of Board - UWCD	\$ 15,000
Staff support - UWCD	\$ 17,000
Legal / Ins / Website / Copies / misc	\$ 42,300

**Fillmore and Piru Basins GSA
Proposed Budget
FY 2018-19**

	Annual Budget - No Executive Director	Annual Budget - With Executive Director
Income		
40001 · Groundwater Extraction Charge	473,850.00	473,850.00
41000 · Grant Revenue		
41001 · State Grants	101,808.00	101,808.00
Total 41000 · Grant Revenue	101,808.00	101,808.00
Total Income	575,658.00	575,658.00
Gross Profit	575,658.00	575,658.00
Expense		
52200 · Professional Services		
52230 · Prof Svcs - Grant Solicitation	0.00	0.00
52240 · Prof Svcs - IT Consulting	500.00	500.00
52250 · Prof Svcs - Groundwtr/GSP Prep	160,609.00	160,609.00
52251 · Prof Svcs - UWCD GW Staff		
52252 · Prof Svcs - GSP Consultant		
52260 · Prof Svcs - Admin/Clerk of Bd	30,000.00	30,000.00
52270 · Prof Svcs - Accounting	34,000.00	34,000.00
52280 · Prof Svcs - Executive Director		30,000.00
52290 · Prof Svcs - Other	0.00	0.00
Total 52200 · Professional Services	225,109.00	255,109.00
52500 · Legal Fees		
52501 · Legal Counsel	67,600.00	67,600.00
Total 52500 · Legal Fees	67,600.00	67,600.00
53000 · Office Expenses		
53010 · Public Information	17,521.00	17,521.00
53020 · Office Supplies	10,000.00	10,000.00
53026 · Postage & Mailing	4,000.00	4,000.00
Total 53000 · Office Expenses	31,521.00	31,521.00
53500 · Insurance		
53310 · Liability Insurance	2,500.00	2,500.00
Total 53500 · Insurance	2,500.00	2,500.00
70000 · Interest & Debt Service		
70120 · Interest Expense	0.00	0.00
Total 70000 · Interest & Debt Service	0.00	0.00
Total Expense	326,730.00	356,730.00
Net Income	248,928.00	218,928.00

ARTICLE 10. FEE ENFORCEMENT

10.1 Fee Enforcement is based on Wat. Code, § 10730.6:

- (a) Groundwater fees will be due and payable to the Agency semi-annually by the Owner or Operator. If the Owner or Operator fails to pay a groundwater fee within thirty (30) days of it becoming due, the Owner or Operator shall be liable to the Agency for interest at the rate of one (1) percent per month on the delinquent amount of the groundwater fee and a ten (10) percent penalty.
- (b) In the event of an overpayment of groundwater fees or charges by the Owner or Operator, the Agency shall apply the overpaid amount to the Owner or Operator's next billing statement or payment cycle.
- (c) Should the Agency decide not to bring suit, the Agency may collect any delinquent groundwater charge and any civil penalties and interest on the delinquent groundwater charge pursuant to the laws applicable to United Water Conservation District, County of Ventura, and City of Fillmore. Collection shall be in the same manner as it would be applicable to the collection of delinquent assessments, water charges, or tolls.
- (d) Additionally, the Agency may, after a public hearing, order an Owner or Operator to cease extraction of groundwater until all delinquent fees are paid. The Agency shall give notice to the Owner or Operator by certified mail at least fifteen (15) days in advance of the public hearing.
- (e) All remedies specified in this section for collecting and enforcing fees are cumulative and may be pursued alternatively or may be used consecutively as determined by the Agency's Board of Directors.
- (f) By an affirmative vote of four (4) Directors, or three (3) Directors in the event a Director is absent, conflicted or prohibited from voting pursuant to 9.3 of the JPAA agreement, the Agency may, in its sole discretion, waive any interest payments, penalties, or overdue fees.

ARTICLE 10. FEE ENFORCEMENT

10.1 Fee Enforcement is based on Wat. Code, § 10730.6:

~~(a)~~ ~~(a)~~ Groundwater fees will be due and payable to the Agency semi-annually by the Owner or Operator. If the Owner or Operator fails to pay a groundwater fee within thirty (30) days of it becoming due, the Owner or Operator shall be liable to the Agency for interest at the rate of one (1) percent per month on the delinquent amount of the groundwater fee and a ten (10) percent penalty.

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~~(b)~~ In the event of an overpayment of groundwater fees or charges by the Owner or Operator, the Agency shall apply the overpaid amount to the Owner or Operator's next billing statement or payment cycle.

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~~(c)~~ Should the Agency decide not to bring suit, the Agency may collect any delinquent groundwater charge and any civil penalties and interest on the delinquent groundwater charge pursuant to the laws applicable to United Water Conservation District, County of Ventura, and City of Fillmore. Collection shall be in the same manner as it would be applicable to the collection of delinquent assessments, water charges, or tolls.

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~~(d)~~ Additionally, the Agency may, after a public hearing, order an Owner or Operator to cease extraction of groundwater until all delinquent fees are paid. The Agency shall give notice to the Owner or Operator by certified mail at least fifteen (15) days in advance of the public hearing.

~~(e)~~ All remedies specified in this section for collecting and enforcing fees are cumulative and may be pursued alternatively or may be used consecutively as determined by the Agency's Board of Directors.

~~(f)~~ By an affirmative vote of four (4) Directors, or three (3) Directors in the event a Director is absent, conflicted or prohibited from voting pursuant to 9.3 of the JPAA agreement, the Agency may, in its sole discretion, waive any interest payments, penalties, or overdue fees.



Item No. **8C Motion**

DATE: **July 17, 2018**

TO: **Board of Directors**

SUBJECT: Amendment to UWCD Service Contract

SUMMARY

At the June 19, 2018 FPB GSA Board of Directors meeting, UWCD Deputy General Manager Anthony Emmert offered to serve as Executive Director of the FPB GSA, using his expertise, knowledge and experience to assist the Board in preparing the Request for Proposals for the GSA's Groundwater Sustainability Plans (GSP) consultant(s), qualifying potential consultants and overseeing the consultant(s)' work on devising the GSPs as required by SGMA.

RECOMMENDED ACTION

The Board shall consider amending the UWCD service Contract to include the services of Anthony Emmert as Executive Director for the Fillmore and Piru Basins Groundwater Sustainability Agency at an estimated increase in cost of at least \$2,411.50 per month based on 14 hours per month.

BACKGROUND

The FPBGSA Board of Directors are tasked with many requirements, from grant administration and development of GSPs for both the Fillmore and Piru Basins to developing short, mid and long term projects to insure groundwater sustainability as defined by the Sustainable Groundwater Management Act. Mr. Emmert has over 27 years of water, recycled water, wastewater and storm water systems management experience that could be a tremendous asset in the Board's planning and execution of both its GSPs and future projects. Mr. Emmert would assist in agenda preparation and follow-up for Board meetings (administrative support estimated at six hours per month at \$172.25 per hour); oversee implementation of SGMA requirements including coordinating with agencies regarding planning and land use responsibility, coordinate with environmental organizations and pumpers associations, manage consultant preparing GSPs, and coordinate with agencies providing information to GSA for routine operations and GSP preparation (technical support services – routine tasks estimated at eight hours per month at \$172.25 per hour); oversee preparation of request for qualifications/request for proposals (RFQ/RFP) process to select GSP consultant, conduct review of qualifications, review of proposals, negotiation of final scope of work and fee, preparation of contract, administration of contract, reporting to Board and coordination with stakeholder agencies (technical support - GSP preparation at \$172.27 per hour – hours undetermined at present).

As Deputy General Manager of United Water Conservation District and having formerly served in various capacities with the City of Oxnard's Public Works Department, the City of Santa Paula and the Santa Paula Water Works Ltd., Mr. Emmert has participated in the planning, design and construction of water wells,

membrane treatment facilities, multimedia pressure filtration treatment facilities, booster pumping stations, reservoirs, and pipelines. He also has demonstrated knowledge and experience with water supply planning, demand management planning, water, wastewater and recycled water master planning, asset management planning, rates planning and utility and public works financial planning. He has served as project manager for the City of Oxnard's Urban Water Management Plan (2010), the City's Recycled Water Facilities Plan (2007), the City's Water Master Plan and its Recycled Water Master Plan.

Mr. Emmert earned a Bachelor of Science degree in Environmental Policy Analysis and Planning, Water Quality from the University of California, Davis. He is also affiliated with American Water Works Association; Association of Water Agencies of Ventura County, Watersheds Coalition of Ventura County, WaterReuse Association; Water Environment Federation and America Public Works Association.

FISCAL IMPACT

An amendment to the existing UWCD Service Contract to include Mr. Emmert's service as Executive Director for the FPB GSA is estimated to increase costs at a minimum of \$2,411.50 per month (based on 14 hours per month of Mr. Emmert's time)

ATTACHMENTS: A – Fillmore Piru Basins Groundwater Sustainability Agency Estimated Time/Costs

Proposed Motion:

“Motion to approve amendment to the UWCD Service Agreement to include Anthony Emmert as Executive Director for the FPB GSA, encompassing administrative support services, technical support services for routine tasks, and technical support services for GSP preparation as outlined in the staff report at a minimum increase in cost of \$2,411.50 per month.”

1st: Director _____ 2nd: Director _____

Voice/Roll call vote: Director Broggie: Director Kimball: Director Long: Director McFadden:
Director Meneghin: Director Pace:

Fillmore Piru Basins Groundwater Sustainability Agency

Administrative Support Services		Est Hrs/Month	Rate	Units		
<i>Agency Job Title</i>	<i>District Job Title</i>					
Clerk of the Board	Executive Assistant	16	\$ 69.06	/hour	\$	1,104.96
Staff	Executive Director	6	\$ 172.25	/hour	\$	1,033.50
Staff	Assistant Hydrogeologist	2	\$ 83.19	/hour	\$	166.38
Finance	Senior Accountant	2	\$ 78.06	/hour	\$	156.12
					\$	-
				Total	\$	2,460.96 /month

\$ 29,531.52

Accounting/Billing Services - Routine Tasks (e.g., A/P-A/R)		Est Hrs/Month	Rate	Units		
<i>Agency Job Title</i>	<i>District Job Title</i>					
Clerk of the Board	Executive Assistant	2	\$ 69.06	/hour	\$	138.12
Staff	Executive Director	0	\$ 172.25	/hour	\$	-
Staff	Assistant Hydrogeologist	2	\$ 83.19	/hour	\$	166.38
Finance	Senior Accountant	4	\$ 78.06	/hour	\$	312.24
Finance	Chief Financial Officer	2	\$ 146.23	/hour	\$	292.46
				Total	\$	909.20 /month

\$ 10,910.40

Technical Support Services - Routine Tasks - (1 meeting/month)		Est Hrs/Month	Rate	Units		
<i>Agency Job Title</i>	<i>District Job Title</i>					
Clerk of the Board	Executive Assistant	2	\$ 69.06	/hour	\$	138.12
Staff	Executive Director	8	\$ 172.25	/hour	\$	1,378.00
Staff	Assistant Hydrogeologist	8	\$ 83.19	/hour	\$	665.52
Finance	Senior Accountant	0	\$ 78.06	/hour	\$	-
Finance	Chief Financial Officer	0	\$ 146.23	/hour	\$	-
Staff	Senior Hydrogeologist	4		/hour	\$	-
				Total	\$	2,181.64 /month

\$ 26,179.68

Accounting/Billing Services - Groundwater Extraction Statements (2X/year)		Est Hrs/6 months	Rate	Units		
<i>Agency Job Title</i>	<i>District Job Title</i>					
Clerk of the Board	Executive Assistant	0	\$ 69.06	/hour	\$	-
Staff	Executive Director	0	\$ 172.25	/hour	\$	-
Staff	Assistant Hydrogeologist	6	\$ 83.19	/hour	\$	499.14
Finance	Senior Accountant	40	\$ 78.06	/hour	\$	3,122.40
Finance	Chief Financial Officer	8	\$ 146.23	/hour	\$	1,169.84
				Total	\$	4,791.38 /6 months
Finance	Senior Accountant	60	\$ 78.06	/hour	\$	4,683.60
						one time initial setup

\$ 9,582.76

Technical Support Services - GSP Preparation		Est Hrs/Month	Rate	Units		
<i>Agency Job Title</i>	<i>District Job Title</i>					
Clerk of the Board	Executive Assistant		\$ 69.06	/hour	\$	-
Staff	Executive Director		\$ 172.25	/hour	\$	-
Staff	Senior Hydrogeologist		\$ 110.57	/hour	\$	-
Staff	Assistant Hydrogeologist		\$ 83.19	/hour	\$	-
Finance	Senior Accountant		\$ 78.06	/hour	\$	-
Finance	Chief Financial Officer		\$ 146.23	/hour	\$	-
Scope of Work is TBD				Total	\$	- /month

\$ 76,204.36

GSP Section/ Subsection	Task/Subtask	Work to be performed by UWCD	Work to be performed by GSA Consultant/ Executive Director	Potential subcontractor work
	Stakeholder Engagement/Education and Public Outreach	Assist	Primary	
	Executive Summary (Reg. § 354.4)		Primary	
1.0	Introduction			
1.1	Purpose of the Groundwater Sustainability Plan (GSP or Plan)		Primary	
1.2	Sustainability Goal		Primary	
1.3	Agency Information (Reg. § 354.6)			
1.3.1	Organization and Management Structure of the Groundwater Sustainability Agency (GSA or Agency)		Primary	
1.3.2	Legal Authority of the GSA		Primary	
1.3.3	Estimated Cost of Implementing the GSP and the GSA's Approach to Meet Costs		Primary	
1.4	GSP Organization		<ul style="list-style-type: none"> • Description of how the GSP is organized • Preparation Checklist for GSP Submittal 	
2.0	Plan Area and Basin Setting			
2.1	Description of the Plan Area (Reg. § 354.8)			
2.1.1	Summary of Jurisdictional Areas and Other Features (Reg. § 354.8 b)	<ul style="list-style-type: none"> • Map(s) (Reg. § 354.8 a): <ul style="list-style-type: none"> o Area covered by GSP o Adjudicated areas, other Agencies within the basin, and areas covered by an Alternative o Jurisdictional boundaries of federal or State land o Existing land use designations o Density of wells per square mile 		
2.1.2	Water Resources Monitoring and Management Programs (Reg. § 354.8 c, d, e)	<ul style="list-style-type: none"> • Description of water resources monitoring and management programs <ul style="list-style-type: none"> o Description of how monitoring networks of those programs will be incorporated into the GSP o Descriptions of how those programs may limit operational flexibility in the basin o Description of conjunctive use programs 		

GSP Section/ Subsection	Task/Subtask	Work to be performed by UWCD	Work to be performed by GSA Consultant/ Executive Director	Potential subcontractor work
2.1.3	Land Use Elements or Topic Categories of Applicable General Plans (Reg. § 354.8 f)		<ul style="list-style-type: none"> ● Summary of general plans and other land use plans <ul style="list-style-type: none"> ○ Information could include crop types and acreages, urban land designation, and identification of open spaces. ● Description of how implementation of the GSP may change water demands or affect achievement of sustainability and how the GSP addresses those effects ● Description of how implementation of the GSP may affect the water supply assumptions of relevant land use plans ● Summary of the process for permitting new or replacement wells in the basin ● Information regarding the implementation of land use plans outside the basin that could affect the ability of the Agency to achieve sustainable groundwater management 	
2.1.4	2.1.4 Additional GSP Elements (Reg. § 354.8 g)		<p>Brief description of whether each GSP includes the following:</p> <ul style="list-style-type: none"> ● Control of saline water intrusion ● Wellhead protection ● Migration of contaminated groundwater ● Well abandonment and well destruction program ● Replenishment of groundwater extractions ● Conjunctive use and underground storage ● Well construction policies ● Groundwater contamination cleanup, recharge, diversions to storage, conservation, water recycling, conveyance, and extraction projects ● Efficient water management practices ● Relationships with State and federal regulatory agencies ● Land use plans and efforts to coordinate with land use planning agencies to assess activities that potentially create risks to groundwater quality or quantity 	<ul style="list-style-type: none"> ● Impacts on groundwater dependent ecosystems
2.1.5	Notice and Communication (Reg. § 354.10)		<ul style="list-style-type: none"> ● Description of beneficial uses and users in the basin ● A Communications Section that describes: <ul style="list-style-type: none"> ○ Decision-making processes ○ Public engagement opportunities ○ Encouraging active involvement ○ Informing the public on GSP implementation progress 	

GSP Section/ Subsection	Task/Subtask	Work to be performed by UWCD	Work to be performed by GSA Consultant/ Executive Director	Potential subcontractor work
2.2	Basin Setting			
2.2.1	Hydrogeologic Conceptual Model (Reg. § 354.14)	<ul style="list-style-type: none"> ● Graphical and narrative description of the physical components of the basin ● At least two scaled cross-sections ● Map(s) of physical characteristics <ul style="list-style-type: none"> ○ Topographic information ○ Surficial geology ○ Soil characteristics ○ Delineation of existing recharge areas that substantially contribute to the replenishment of the basin, potential recharge areas, and discharge areas ○ Surface water bodies ○ Source and point of delivery for local and imported water supplies 		
2.2.2	Current and Historical Groundwater Conditions (Reg. § 354.16)	<ul style="list-style-type: none"> ● Groundwater elevation data ● Estimate of groundwater storage ● Seawater intrusion conditions ● Groundwater quality issues ● Land subsidence conditions 		<ul style="list-style-type: none"> ● Identification of interconnected surface water systems ● Identification of groundwater-dependent ecosystem <ul style="list-style-type: none"> ○ Including potentially related factors such as instream flow requirements, threatened and endangered species, and critical habitat.
2.2.3	Water Budget Information (Reg. § 354.18)	<ul style="list-style-type: none"> ● Description of inflows, outflows, and change in storage ● Quantification of overdraft (as applicable) ● Estimate of sustainable yield (Assist) ● Quantification of current, historical, and projected water budget ● Description of surface water supply used or available for use for groundwater recharge or in lieu use (Assist) 	<ul style="list-style-type: none"> ● Estimate of sustainable yield (Primary) ● Description of surface water supply used or available for use for groundwater recharge or in lieu use h 	
2.2.4	Management Areas (as Applicable) (Reg. § 354.20)	<ul style="list-style-type: none"> ● Reason for creation of each management area (Assist) ● Level of monitoring and analysis (Assist) ● Description of management areas (Assist) ● Explanation of how management of management areas will not cause undesirable results outside the management area (Assist) 	<ul style="list-style-type: none"> ● Reason for creation of each management area (Primary) ● Level of monitoring and analysis (Primary) ● Description of management areas (Primary) ● Explanation of how management of management areas will not cause undesirable results outside the management area (Primary) 	
3.0	Sustainable Management Criteria			
3.1	Sustainability Goal (Reg. § 354.24)		<ul style="list-style-type: none"> ● Description of sustainability goal, including: <ul style="list-style-type: none"> ○ Information from the basin setting used to establish the sustainability goal ○ Discussion of the measures that will be implemented to ensure that the basin will be operated within its sustainable yield ○ Explanation of how the sustainability goal is likely to be achieved within 20 years of Plan implementation and is likely to be maintained through the planning and implementation horizon 	

GSP Section/ Subsection	Task/Subtask	Work to be performed by UWCD	Work to be performed by GSA Consultant/ Executive Director	Potential subcontractor work
3.2	Measurable Objectives (Reg. § 354.30)		<ul style="list-style-type: none"> ● Description of each measurable objective and how the measurable objectives were established for each relevant sustainability indicator ● Description of how a reasonable margin of safety was established for each measurable objective ● Description of a reasonable path to achieve and maintain the sustainability goal including a description of interim milestones for each relevant sustainability indicator <ul style="list-style-type: none"> o Measurable Objective for Sustainability Indicator 1 <ul style="list-style-type: none"> ● Interim Milestone at 5 years ● Interim Milestone at 10 years ● Interim milestone at 15 years ● Milestone at 20 years o Measurable Objective for Sustainability Indicator 2 <ul style="list-style-type: none"> ● Interim Milestone at 5 years ● Interim Milestone at 10 years ● Interim milestone at 15 years ● Milestone at 20 years o Measurable Objective for Sustainability Indicator X ● If management areas are used, a description of (Reg. § 354.20 b): <ul style="list-style-type: none"> o The measurable objectives established for each management area, and an explanation of the rationale for selecting those values, if different from the basin at large. o An explanation of how the management area can operate under different measurable objectives without causing undesirable results outside the management area, if applicable. 	
3.3	Minimum Thresholds (Reg. § 354.28)	<ul style="list-style-type: none"> ● How each minimum threshold will be quantitatively measured for each relevant sustainability indicator (Assist) 	<ul style="list-style-type: none"> ● Description of each minimum threshold and how they were established for each relevant sustainability indicator ● Relationship for each sustainability indicator ● Description of how minimum thresholds have been selected to avoid causing undesirable results ● Description of how minimum thresholds may affect the interests of beneficial uses and users of groundwater or land uses and property interests. ● Standards related to sustainability indicators ● How each minimum threshold will be quantitatively measured for each relevant sustainability indicator (Primary) ● If management areas are used, a description of (Reg. § 354.20 b): <ul style="list-style-type: none"> o The minimum thresholds established for each management area, and an explanation of the rationale for selecting those values, if different from the basin at large. o An explanation of how the management area can operate under different minimum thresholds without causing undesirable results outside the management area, if applicable. 	

GSP Section/ Subsection	Task/Subtask	Work to be performed by UWCD	Work to be performed by GSA Consultant/ Executive Director	Potential subcontractor work
3.4	Undesirable Results (Reg. § 354.26)	<ul style="list-style-type: none"> ● Cause of groundwater conditions that would lead to undesirable results (Assist) 	<ul style="list-style-type: none"> ● Description of undesirable results for any of the sustainability indicators ● Cause of groundwater conditions that would lead to undesirable results (Primary) ● Criteria used to define undesirable results based on minimum thresholds ● Potential effects on the beneficial uses and users of groundwater, on land uses and property interests, and other potential effects that may occur or are occurring from undesirable results 	
3.5	Monitoring Network			
3.5.1	Description of Monitoring Network (Reg. § 354.34)	<ul style="list-style-type: none"> ● Description of how the monitoring network is capable of collecting sufficient data to demonstrate short-term, seasonal, and long-term trends in groundwater and related surface conditions, and yield representative information about groundwater conditions as necessary to evaluate Plan implementation (Primary) ● Description of how the monitoring plan provides adequate coverage of the sustainability indicators (Assist) ● Density of monitoring sites and frequency of measurements required to demonstrate short-term, seasonal, and long term trends ● Scientific rationale (or reason) for site selection ● Consistency with data and reporting standards ● Location and type of each site on a map ● If management areas are used, a description of the level of monitoring and analysis appropriate for each management area. (Reg. § 354.20 b) (Assist) 	<ul style="list-style-type: none"> ● Description of how the monitoring network is capable of collecting sufficient data to demonstrate short-term, seasonal, and long-term trends in groundwater and related surface conditions, and yield representative information about groundwater conditions as necessary to evaluate Plan implementation (Assist) ● Description of how implementation of the monitoring network objectives demonstrate progress toward achieving the measurable objectives, monitor impacts to beneficial uses or users of groundwater, monitor changes in groundwater conditions, and quantify annual changes in water budget components ● Description of how the monitoring network is designed to accomplish the following for each sustainability indicator: <ul style="list-style-type: none"> ○ Chronic Lowering of Groundwater Levels. Demonstrate groundwater occurrence, flow directions, and hydraulic gradients between principal aquifers and surface water features ○ Reduction of Groundwater Storage. Estimate the change in annual groundwater in storage ○ Seawater Intrusion. Monitor seawater intrusion ○ Degraded Water Quality. Determine groundwater quality trends ○ Land Subsidence. Identify the rate and extent of land subsidence ● Description of how the monitoring plan provides adequate coverage of the sustainability indicators (Primary) ● Corresponding sustainability indicator, minimum threshold, measurable objective, and interim milestone ● If management areas are used, a description of the level of monitoring and analysis appropriate for each management area. (Reg. § 354.20 b) (Assist) 	<ul style="list-style-type: none"> ● Description of monitoring network objectives including explanation of how the network will be developed and implemented to monitor: <ul style="list-style-type: none"> ○ Groundwater and related surface conditions ○ Interconnection of surface water and groundwater ● Description of how the monitoring network is designed to accomplish the following for each sustainability indicator: <ul style="list-style-type: none"> ○ Depletions of Interconnected Surface Water. Calculate depletions of surface water caused by groundwater extractions
3.5.2	Monitoring Protocols for Data Collection and Monitoring (Reg. § 352.2)	<ul style="list-style-type: none"> ● Description of technical standards, data collection methods, and other procedures or protocols to ensure comparable data and methodologies 		
3.5.3	Representative Monitoring (Reg. § 354.36)	<ul style="list-style-type: none"> ● Description of representative sites if designated ● Adequate evidence demonstrating site reflects general conditions in the area 	<ul style="list-style-type: none"> ● Demonstration of adequacy of using groundwater elevations as proxy for other sustainability indicators 	

GSP Section/ Subsection	Task/Subtask	Work to be performed by UWCD	Work to be performed by GSA Consultant/ Executive Director	Potential subcontractor work
3.5.4	Assessment and Improvement of Monitoring Network (Reg. § 354.38)	<ul style="list-style-type: none"> ● Review and evaluation of the monitoring network (Primary) ● Identification and description of data gaps (Primary) ● Description of steps to fill data gaps (Primary) ● Description of monitoring frequency and density of sites (Primary) 	<ul style="list-style-type: none"> ● Review and evaluation of the monitoring network (Assist) ● Identification and description of data gaps (Assist) ● Description of steps to fill data gaps (Assist) ● Description of monitoring frequency and density of sites (Assist) 	
4.0	Projects and Management Actions to Achieve Sustainability Goal (Reg. § 354.44)			
4.1	4.1 Project #1 Description (If projects are needed)	<ul style="list-style-type: none"> ● Measureable objective that is expected to benefit from the project or management action (Assist) 	<ul style="list-style-type: none"> ● Measureable objective that is expected to benefit from the project or management action (Primary) ● Circumstances for implementation ● Public noticing ● Overdraft mitigation projects and management actions ● Permitting and regulatory process ● Time-table for initiation and completion, and the accrual of expected benefits ● Expected benefits and how they will be evaluated ● How the project or management action will be accomplished. If the projects or management actions rely on water from outside the jurisdiction of the Agency, an explanation of the source and reliability of that water shall be included. ● Legal authority required ● Estimated costs for the projects and managements and plans to meet those costs (economic analysis and finance strategy for projects and management.actions) ● Management of groundwater extractions and recharge ● Relationship to additional GSP elements as described in Water Code §10727.4. 	
4.2	Project #2 Description	Assist	Primary	
4.3	Project #X Description	Assist	Primary	
5.0	Plan Implementation			
5.1	Estimate of GSP Implementation Costs (Reg. § 354.6)	Assist	Primary	
5.2	Schedule for Implementation		Primary	
5.3	Annual Reporting	<ul style="list-style-type: none"> ● GSA's plan for required annual reporting 		
5.4	Periodic Evaluations		<ul style="list-style-type: none"> ● GSA's process for required periodic evaluations 	
6.0	References and Technical Studies (Reg. § 354.4)	Assist	Primary	Assist
	Appendices			
	Interbasin and Coordination Agreements (as applicable) (Reg. § 357)	Assist	Primary	

GSP Section/ Subsection	Task/Subtask	Work to be performed by UWCD	Work to be performed by GSA Consultant/ Executive Director	Potential subcontractor work
	Contact Information for Plan Manager and GSA Mailing Address (Reg. § 354.6)		Primary (Executive Director)	
	List of Public Meetings (Reg. § 354.10)		Primary (Executive Director)	
	Technical Appendices	Assist	Primary	Assist
	Groundwater Model Documentation	Primary		
	Comments and Responses (Reg. § 354.10)		Primary	

GSP Section/ Subsection	Task/Subtask	Work to be performed by Executive Director	Work to be performed by GSP Consultant
	Stakeholder Engagement/Education and Public Outreach	<p align="center">Primary</p> <p align="center"><i>Develop communication plan, schedule outreach events, arrange venues, provide public notices, and lead meetings</i></p>	<p align="center">Assist</p> <p align="center"><i>Prepare and give technical presentations, and assist with answering public questions</i></p>
	Executive Summary (Reg. § 354.4)	Assist	Primary
1.0	Introduction		
1.1	Purpose of the Groundwater Sustainability Plan (GSP or Plan)	Assist	Primary
1.2	Sustainability Goal	Assist	Primary
1.3	Agency Information (Reg. § 354.6)		
1.3.1	Organization and Management Structure of the Groundwater Sustainability Agency (GSA or Agency)	Assist	Primary
1.3.2	Legal Authority of the GSA	Assist	Primary
1.3.3	Estimated Cost of Implementing the GSP and the GSA's Approach to Meet Costs	Assist	Primary
1.4	GSP Organization	<ul style="list-style-type: none"> ● Description of how the GSP is organized (Assist) ● Preparation Checklist for GSP Submittal (Assist) 	<ul style="list-style-type: none"> ● Description of how the GSP is organized (Primary) ● Preparation Checklist for GSP Submittal (Primary)
2.0	Plan Area and Basin Setting		
2.1	Description of the Plan Area (Reg. § 354.8)		
2.1.1	Summary of Jurisdictional Areas and Other Features (Reg. § 354.8 b)	(UWCD - Technical Staff)	
2.1.2	Water Resources Monitoring and Management Programs (Reg. § 354.8 c, d, e)	(UWCD - Technical Staff)	

GSP Section/ Subsection	Task/Subtask	Work to be performed by Executive Director	Work to be performed by GSP Consultant
2.1.3	Land Use Elements or Topic Categories of Applicable General Plans (Reg. § 354.8 f)		<ul style="list-style-type: none"> ● Summary of general plans and other land use plans <ul style="list-style-type: none"> ○ Information could include crop types and acreages, urban land designation, and identification of open spaces. ● Description of how implementation of the GSP may change water demands or affect achievement of sustainability and how the GSP addresses those effects ● Description of how implementation of the GSP may affect the water supply assumptions of relevant land use plans ● Summary of the process for permitting new or replacement wells in the basin ● Information regarding the implementation of land use plans outside the basin that could affect the ability of the Agency to achieve sustainable groundwater management
2.1.4	2.1.4 Additional GSP Elements (Reg. § 354.8 g)		<p>Brief description of whether each GSP includes the following:</p> <ul style="list-style-type: none"> ● Control of saline water intrusion ● Wellhead protection ● Migration of contaminated groundwater ● Well abandonment and well destruction program ● Replenishment of groundwater extractions ● Conjunctive use and underground storage ● Well construction policies ● Groundwater contamination cleanup, recharge, diversions to storage, conservation, water recycling, conveyance, and extraction projects ● Efficient water management practices ● Relationships with State and federal regulatory agencies ● Land use plans and efforts to coordinate with land use planning agencies to assess activities that potentially create risks to groundwater quality or quantity
2.1.5	Notice and Communication (Reg. § 354.10)	<ul style="list-style-type: none"> ● A Communications Section that describes: <ul style="list-style-type: none"> ○ Decision-making processes ○ Public engagement opportunities ○ Encouraging active involvement ○ Informing the public on GSP implementation progress 	<ul style="list-style-type: none"> ● Description of beneficial uses and users in the basin

GSP Section/ Subsection	Task/Subtask	Work to be performed by Executive Director	Work to be performed by GSP Consultant
2.2	Basin Setting		
2.2.1	Hydrogeologic Conceptual Model (Reg. § 354.14)	(UWCD - Technical Staff)	
2.2.2	Current and Historical Groundwater Conditions (Reg. § 354.16)	(UWCD - Technical Staff/Potential subcontractor support)	
2.2.3	Water Budget Information (Reg. § 354.18)		<ul style="list-style-type: none"> ● Estimate of sustainable yield (Primary) ● Description of surface water supply used or available for use for groundwater recharge or in lieu use (Primary)
2.2.4	Management Areas (as Applicable) (Reg. § 354.20)		<ul style="list-style-type: none"> ● Reason for creation of each management area (Primary) ● Level of monitoring and analysis (Primary) ● Description of management areas (Primary) ● Explanation of how management of management areas will not cause undesirable results outside the management area (Primary)
3.0	Sustainable Management Criteria		
3.1	Sustainability Goal (Reg. § 354.24)	Assist	<ul style="list-style-type: none"> ● Description of sustainability goal, including: <ul style="list-style-type: none"> ○ Information from the basin setting used to establish the sustainability goal ○ Discussion of the measures that will be implemented to ensure that the basin will be operated within its sustainable yield ○ Explanation of how the sustainability goal is likely to be achieved within 20 years of Plan implementation and is likely to be maintained through the planning and implementation horizon

GSP Section/ Subsection	Task/Subtask	Work to be performed by Executive Director	Work to be performed by GSP Consultant
3.2	Measurable Objectives (Reg. § 354.30)		<ul style="list-style-type: none"> ● Description of each measurable objective and how the measurable objectives were established for each relevant sustainability indicator ● Description of how a reasonable margin of safety was established for each measurable objective ● Description of a reasonable path to achieve and maintain the sustainability goal including a description of interim milestones for each relevant sustainability indicator <ul style="list-style-type: none"> ○ Measurable Objective for Sustainability Indicator 1 <ul style="list-style-type: none"> ● Interim Milestone at 5 years ● Interim Milestone at 10 years ● Interim milestone at 15 years ● Milestone at 20 years ○ Measurable Objective for Sustainability Indicator 2 <ul style="list-style-type: none"> ● Interim Milestone at 5 years ● Interim Milestone at 10 years ● Interim milestone at 15 years ● Milestone at 20 years ○ Measurable Objective for Sustainability Indicator X ● If management areas are used, a description of (Reg. § 354.20 b): <ul style="list-style-type: none"> ○ The measurable objectives established for each management area, and an explanation of the rationale for selecting those values, if different from the basin at large. ○ An explanation of how the management area can operate under different measurable objectives without causing undesirable results outside the management area, if applicable.
3.3	Minimum Thresholds (Reg. § 354.28)		<ul style="list-style-type: none"> ● Description of each minimum threshold and how they were established for each relevant sustainability indicator ● Relationship for each sustainability indicator ● Description of how minimum thresholds have been selected to avoid causing undesirable results ● Description of how minimum thresholds may affect the interests of beneficial uses and users of groundwater or land uses and property interests. ● Standards related to sustainability indicators ● How each minimum threshold will be quantitatively measured for each relevant sustainability indicator (Primary) ● If management areas are used, a description of (Reg. § 354.20 b): <ul style="list-style-type: none"> ○ The minimum thresholds established for each management area, and an explanation of the rationale for selecting those values, if different from the basin at large. . ○ An explanation of how the management area can operate under different minimum thresholds without causing undesirable results outside the management area, if applicable.

GSP Section/ Subsection	Task/Subtask	Work to be performed by Executive Director	Work to be performed by GSP Consultant
3.4	Undesirable Results (Reg. § 354.26)		<ul style="list-style-type: none"> ● Description of undesirable results for any of the sustainability indicators ● Cause of groundwater conditions that would lead to undesirable results (Primary) ● Criteria used to define undesirable results based on minimum thresholds ● Potential effects on the beneficial uses and users of groundwater, on land uses and property interests, and other potential effects that may occur or are occurring from undesirable results
3.5	Monitoring Network		
3.5.1	Description of Monitoring Network (Reg. § 354.34)		<ul style="list-style-type: none"> ● Description of how the monitoring network is capable of collecting sufficient data to demonstrate short-term, seasonal, and long-term trends in groundwater and related surface conditions, and yield representative information about groundwater conditions as necessary to evaluate Plan implementation (Assist) ● Description of how implementation of the monitoring network objectives demonstrate progress toward achieving the measureable objectives, monitor impacts to beneficial uses or users of groundwater, monitor changes in groundwater conditions, and quantify annual changes in water budget components ● Description of how the monitoring network is designed to accomplish the following for each sustainability indicator: <ul style="list-style-type: none"> ○ Chronic Lowering of Groundwater Levels. Demonstrate groundwater occurrence, flow directions, and hydraulic gradients between principal aquifers and surface water features ○ Reduction of Groundwater Storage. Estimate the change in annual groundwater in storage ○ Seawater Intrusion. Monitor seawater intrusion ○ Degraded Water Quality. Determine groundwater quality trends ○ Land Subsidence. Identify the rate and extent of land subsidence ● Description of how the monitoring plan provides adequate coverage of the sustainability indicators (Primary) ● Corresponding sustainability indicator, minimum threshold, measureable objective, and interim milestone ● If management areas are used, a description of the level of monitoring and analysis appropriate for each management area. (Reg. § 354.20 b) (Primary)
3.5.2	Monitoring Protocols for Data Collection and Monitoring (Reg. § 352.2)	(UWCD - Technical Staff)	
3.5.3	Representative Monitoring (Reg. § 354.36)		<ul style="list-style-type: none"> ● Demonstration of adequacy of using groundwater elevations as proxy for other sustainability indicators

GSP Section/ Subsection	Task/Subtask	Work to be performed by Executive Director	Work to be performed by GSP Consultant
3.5.4	Assessment and Improvement of Monitoring Network (Reg. § 354.38)		<ul style="list-style-type: none"> ● Review and evaluation of the monitoring network (Assist) ● Identification and description of data gaps (Assist) ● Description of steps to fill data gaps (Assist) ● Description of monitoring frequency and density of sites (Assist)
4.0	Projects and Management Actions to Achieve Sustainability Goal (Reg. § 354.44)		
4.1	4.1 Project #1 Description (If projects are needed)		<ul style="list-style-type: none"> ● Measureable objective that is expected to benefit from the project or management action (Primary) ● Circumstances for implementation ● Public noticing ● Overdraft mitigation projects and management actions ● Permitting and regulatory process ● Time-table for initiation and completion, and the accrual of expected benefits ● Expected benefits and how they will be evaluated ● How the project or management action will be accomplished. If the projects or management actions rely on water from outside the jurisdiction of the Agency, an explanation of the source and reliability of that water shall be included. ● Legal authority required ● Estimated costs for the projects and managements and plans to meet those costs (economic analysis and finance strategy for projects and management actions) ● Management of groundwater extractions and recharge ● Relationship to additional GSP elements as described in Water Code §10727.4.
4.2	Project #2 Description	Assist	Primary
4.3	Project #X Description	Assist	Primary
5.0	Plan Implementation		
5.1	Estimate of GSP Implementation Costs (Reg. § 354.6)	Assist	Primary
5.2	Schedule for Implementation	Assist	Primary
5.3	Annual Reporting	(UWCD - Technical Staff)	
5.4	Periodic Evaluations		<ul style="list-style-type: none"> ● GSA's process for required periodic evaluations
6.0	References and Technical Studies (Reg. § 354.4)		Primary
	Appendices		
	Interbasin and Coordination Agreements (as applicable) (Reg. § 357)	Primary	Assist

GSP Section/ Subsection	Task/Subtask	Work to be performed by Executive Director	Work to be performed by GSP Consultant
	Contact Information for Plan Manager and GSA Mailing Address (Reg. § 354.6)	Primary	
	List of Public Meetings (Reg. § 354.10)	Primary	
	Technical Appendices		Primary
	Groundwater Model Documentation	(UWCD - Technical Staff)	
	Comments and Responses (Reg. § 354.10)	Assist	Primary



Fillmore and Piru Basins
Groundwater Sustainability Agency

Item No. **9A Information Item**

DATE: **July 17, 2018**

TO: **Board of Directors**

SUBJECT: **Water Industry Event Participation**

SUMMARY

Board will review and discuss possible attendance at various Water Industry events, including but not limited to to CFCC Funding event on August 30 in Alhambra and the GRA Conference beginning September 25 in Sacramento, among others.

RECOMMENDED ACTION

Board to provide direction to staff regarding possible attendance/participation.

FISCAL IMPACT

Costs of Registration (if any) and possible travel reimbursement

GRA Central Coast

When: Wed, July 18, 2018 6:00 p.m. - 8:00 p.m.

Where: **Leashless Brewing**, 585 E. Thompson Blvd., Ventura, CA 93001

Cost: Member: \$10.00; Non-Member: \$15.00; Student: \$10.00

*On-site payment is cash or check only and registrants are encouraged to pay by credit card on the website

Building Bridges to a New World in Water Resource Management

Presentation: The world of water resource management is undergoing radical changes that will increasingly require new tools, skillsets and approaches due to challenges of population growth, climate change, and new regulations such as with SGMA -- these factors create more uncertainty but with uncertainty are opportunities to raise our game. This new world that we are facing in water resource management requires us to rethink past strategies and to invent new ones. Three fundamental areas necessary when developing a portfolio of water management actions are: (1) “science-based” evaluations; (2) “market-driven” policies; and (3) robust outreach with the local community. These fundamental cornerstones pave the way towards economic and water resources sustainability. Examples of approaches and methods for employing these three key cornerstones for success include: manage stakeholder expectations by providing clearly defined “rules” for credible water transactions and regulatory compliance; early outreach to allow glide paths towards “cultural” transition of resource management and ultimately sustainability; develop and maintain a strong underlying science platform to enable public trust and realistic valuations of the water as a resource and an asset; and the marketability of the groundwater production right so that groundwater users can maintain a certain nimbleness to meet their needs without depleting the resource, and in turn reducing risk of disputes. In this new world, today’s leaders will need to look ahead to the horizon for developing new leadership with fresh ideas to carry the ball forward for the next several decades. These new leaders must have a solid science-based platform with the ability to analyze complex systems and must be excellent communicators that will allow them to convert information into knowledge to share with the public and other decision-makers.

Speaker Bio: Kirby Brill, P.E. Former General Manager, Mojave Water Agency



As Mojave Water Agency’s (MWA) former General Manager, Mr. Brill worked for over 16 years to develop and execute a diverse portfolio of strategies that now provides the foundation to meet the current and projected water supply needs of a rapidly growing population in San Bernardino County, California. Throughout his tenure at MWA, there was a complex array of challenges driven by ever changing local, regional, state and federally driven forces that drove the need for innovative and creative solutions. Mr. Brill began his career in private consulting and migrated to the public sector at Orange County Water District (OCWD) where he led efforts to maximize the District’s ability to capture available

water for artificial recharge along the lower Santa Ana River, in Orange County California. Mr. Brill also led the development of a basin-wide groundwater monitoring program consisting of more than 50 deep multi-level monitoring wells and a data collection system with computerized reporting tools that now serve as the backbone for OCWD's current groundwater basin management activities. Mr. Brill left OCWD to take on the challenge of cleaning up groundwater contamination in the San Gabriel Basin, the geographically largest Superfund site in the nation. While at the San Gabriel Basin Water Quality Authority, Mr. Brill served as Assistant Executive Director and later as Executive Director and led efforts to bring local, state and federal stakeholders together to develop and support practical solutions which could be financed, constructed and operated using the collective capabilities and assets of the group. Mr. Brill holds a Bachelor's Degree in Civil Engineering, a minor in Geology and a Master's Degree in Business Administration. Mr. Brill is a registered Civil Engineer in California.

***The first 30 paid attendees will receive one drink ticket and one pizza ticket worth \$10. Pizza is from Woodstock Farina.**

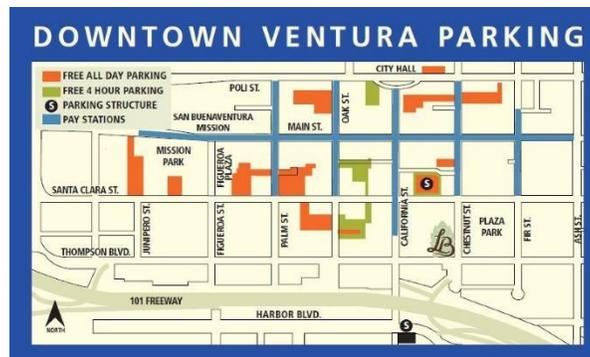
6:00-7:00 p.m. – Dinner

7:00-8:00 p.m. – Speaker Presentation

Sponsors:



Questions about the meeting, please telephone Jeff Kubran at 805-963-0651 or email him at jkubran@dudek.com.



Click on the map to expand.

[View Larger Map](#)

**CALIFORNIA FINANCING COORDINATING
COMMITTEE (CFCC)**

**FUNDING FAIR FOR INFRASTRUCTURE
PROJECTS**

THURSDAY, AUGUST 30, 2018

FROM 8:00 AM TO 12:00 PM (PDT)

**Los Angeles County - Department of Public Works
Conference Rooms B-D
900 South Fremont Avenue
Alhambra, CA 95823**

**Thursday, August 30, 2018 from 8:00 AM to 12:00 PM
(PDT)**

Kris Sofley registered to attend as placeholder

First Annual Western Groundwater Congress

Tue, Sep. 25 - Thu, Sep. 27, 2018 8:00 a.m. - 5:00 p.m.

Doubletree by Hilton, 2001 Point West Way, Sacramento, CA

The Western Groundwater Congress the new, “super-sized” annual conference, focusing on Western groundwater quality and groundwater resources. This three day, four track event will boast world-class technical presentations on Contaminants, SGMA legislation, Water Resources and other special topics. In addition to the great education GRA is known for providing, the WGC will also include practical hands-on workshops, and over 7 hours of time dedicated to networking and spending time with our amazing Sponsors and Exhibitors.

You won't want to miss GRA's premier technical event!



Click below to view the Draft Program!

[DRAFT PROGRAM](#)

(subject to change)

Don't Miss a Drop!

Sign up [here](#) or text the code **WGC2018** to **797979** to receive text messages with special discount codes, advance updates, bonus raffle/reception tickets and exclusive prizes at the First Annual Western Groundwater Congress!

Put the Spotlight on YOU!

Meet your Prospects - at the Western Groundwater Congress you have the perfect opportunity to get your company in front of over 350 people at once! Click [here](#) for more details, the Sponsor and Exhibitor Prospectus and to Register. Contact [Kristy Schrimsher](#) with any questions.

Technical Workshop

GRA presents the following technical workshop at no additional charge! The workshop will take place on Wednesday, September 26th from 2:30-5pm. Attendees be registered for the Congress to attend the workshop. Simply register for the Congress, RSVP to save your spot at the workshop, bring your laptop and be ready to learn!

[Identifying and Considering Groundwater Dependent Ecosystems Under SGMA](#)

SGMA empowers local agencies to sustainably manage groundwater to benefit California's communities, economy, and diverse natural resources. To do this, SGMA requires local agencies to develop groundwater sustainability plans (GSPs) that consider the impacts of groundwater use on a variety of beneficial uses and users including people, business, and the environment. SGMA also includes specific requirements to identify and consider impacts to groundwater dependent ecosystems (GDEs) in groundwater management. Recognizing data and resource limitations, The Nature Conservancy has developed a GDE indicators mapping database in partnership with the California Department of Water Resources (DWR) and Department of Fish and Wildlife, as well as a guidance document designed to help agencies identify where GDEs exist, determine whether potential effects on GDEs are occurring or may occur due to groundwater conditions, and consider GDEs when setting sustainable management criteria. These tools provide a systematic and defensible approach that takes advantage of local, statewide, and best available scientific information to inform local decision making. This hands-on workshop will walk attendees through the GDE indicators mapping database (hosted by DWR as the "Natural Communities Commonly Associated with Groundwater dataset") and GDE guidance document. This is your opportunity to do a preliminary assessment of the GDEs in your basin with support from TNC and other practitioners. Whether you are a board member on a GSA, a consultant developing a GSP, or an interested stakeholder trying to understand how GDEs fit into GSPs – this is the workshop for you!

GSAs, take \$100 off! GRA would like to welcome GSA representatives to GRA by offering special discounts for 2018, including \$100 off on this event! Click [here](#) to find out more.

Water isn't the only thing we're saving!

Register now for Super Early Bird discounts! See below for more information on fees and scheduled increases. Register early for the best rate!

Event Rates and Dates

	Super Early-Bird (4/16-6/25/18)	Early Bird (6/26-8/19/18)	Registration (8/20-9/10/2018)	Onsite Registration (space permitting)
Members	\$560.00	\$610.00	\$660.00	\$685.00
Non-Members	\$610.00	\$780.00	\$830.00	\$855.00
Student Members	\$170.00	\$208.00	\$245.50	\$255.50
Single Day (Members)	\$280.00	\$330.00	\$380.00	\$405.00
Single Day (Non-Members)	\$365.00	\$415.00	\$465.00	\$490.00
Single Day (Student Members)	\$85.00	\$123.00	\$160.50	\$170.50
Speaker (Full Conference)	\$373.00	\$373.00	\$440.00	N/A

Event Justification Toolkit

By now you know the value of GRA event attendance for keeping up with evolving industry priorities, state-of-the-practice technologies, and emerging strategies for the challenges facing the groundwater world. In addition, GRA events offer fantastic opportunities for networking, learning from vendors exhibiting the latest tools and technologies, and exposure for your organization.

Cancellation - In the event that you are unable to attend, you may cancel your registration and receive a refund minus a \$50 processing fee if written notice of your cancellation is received by the [GRA office](#) at least 30 days prior to the event date. No refunds will be given for cancellations received after that date.

Transferability - Your registration may be transferred to another individual at any time, at no additional cost to you. Please contact the [GRA office](#) to transfer your registration. If the original registrant paid the discounted member fee but the new registrant is a non-member, the non-member will be invoiced for the difference in fee amounts at the time that the original registration was made.

A block of rooms has been reserved for September 24, 2018 - September 27, 2018. The special \$149 room rate will be available until September 4th or until the group block is sold-out, whichever comes first.

Introduction to Groundwater, Watersheds, and the Nuts and Bolts of Sustainable Groundwater Plans

Tue, Feb. 5 - Wed, Feb. 6, 2019 8:00 a.m. - 5:00 p.m.

University of California, Davis
Buehler Alumni Center, 530 Alumni Lane, Davis, CA 95616

Co-Sponsored by:
University of California Cooperative Extension

Groundwater Hydrology Program
Approved MCLE Credits - 13.25 hours

Understanding the fundamental principles of groundwater and watersheds and how we monitor, assess, and sustainably manage these resources with climate change and variability is critical and integral to Groundwater Sustainability Plans (GSPs) and other water-related programs. Whether at the local, state, or federal level, these programs are designed for sustainable development, management, and protection of water resources in California among competing users. As Groundwater Sustainability Agencies in California develop and implement their GSPs, professionals, decision makers, executives, agency employees, and stakeholders with diverse backgrounds and in a wide variety of private, non-profit, and government responsibilities at local, state, and federal levels, become directly or indirectly involved in the sustainable management and assessment of groundwater and surface water to meet the requirements of the Sustainable Groundwater Management Act (SGMA). Yet, many participants find themselves lacking the multidisciplinary background and expertise to meaningfully participate in the technical and regulatory efforts related to water resources management. The amount of technical information available often seems overwhelming.

This shortcourse will review the fundamental principles of groundwater and watershed hydrology, water budgets, water quality, and water law and regulation in an intuitive, highly accessible fashion. Through real world examples, participants will learn about the most common tools for measuring, monitoring, and assessing groundwater and surface water resources. The course will then review the key elements of a GSP. Case studies are used so participants learn about

- development of conceptual models, water budgets, and GSP sustainability criteria;
- designing minimum thresholds and operating targets (measureable objectives) for GSPs and how to link those to monitoring networks;
- methods for addressing climate variability and climate change;
- recharge as a tool to enhance groundwater supplies;
- GSA governance; and
- available online planning resources.

The course is specifically geared towards an audience that is or will be involved in the management, assessment, and protection of groundwater and surface water resources under SGMA, but also engages with, e.g., source water assessments, urban water management plans, and integrated regional water management plans. Course attendees, who may have some experience with but no formal training in hydrology or related engineering or science fields, will benefit from the basic and intuitive, yet comprehensive approach of this course.

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