

Groundwater Committee Meeting

July 23, 2019



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Agenda Items 1 through 3

1. PUBLIC COMMENT
2. APPROVAL OF THE AGENDA
3. APPROVAL OF THE MINUTES

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Groundwater Sustainability Agencies' Agenda Review

"Where there is no vision, the people perish."

Ancient Proverb

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Fox Canyon Groundwater Management Agency (FCGMA)

Oxnard sub-basin (Oxnard Plain)

Priority: High – **Critically Overdrafted**

Reason: Seawater intrusion, overdraft

GSA: Fox Canyon GMA

Las Posas basin

Priority: High

Reason: Water quality, overdraft

GSA: Fox Canyon GMA

Pleasant Valley basin

Priority: High – **Critically Overdrafted**

Reason: Saline intrusion, overdraft

GSA: Fox Canyon GMA

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Recent activities (1 of 2):

- Ongoing—Information exchange with FCGMA staff to support SCR Flex Allocation language improvements
- July 16—Draft GSPs shared on FCGMA web page
 - Oxnard basin (550 pages, 15 appendices)
 - Pleasant Valley basin (440 pages, 15 appendices)
 - Las Posas Valley basin (360 pages, 11 appendices)

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United Staff Initial Thoughts on Draft GSPs:

1. Oxnard subbasin sustainable yield is 30,000 AFY less than current pumping
 - But seawater intrusion is only 9,400 AFY
 - Optimizing where pumping occurs and surface-water deliveries more important than reducing pumping
2. Only 5 water-supply projects for Oxnard subbasin and one in Pleasant Valley basin included in GSPs
3. Seawater intrusion mostly a LAS problem today
 - Slow-motion problem, immediate and drastic cutbacks may not be necessary
4. Oxnard subbasin GSP focuses solely on seawater intrusion
 - Needs to better explain how other sustainability criteria will be achieved

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Recent activities (2 of 2):

- July 15—FCGMA Executive Committee Meeting
 1. Three O-PV allocation-ordinance issues:
 - Federal reserved water right language requested by Navy
 - Allocation carryover transfers requested by private well owners
 - “SCR Flex Allocation”
 - Two possible approaches noted by FCGMA staff:
 - Provide minimum and maximum to United’s extraction allocation
 - “One-water” approach
 2. Staff sought direction on variance requests for past non-reported extractions

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Future agenda items/upcoming activities:

July 24—FCGMA Regular BoD meeting agenda:

3. Draft GSPs—Approve for release to public for comment?
4. Potential groundwater extraction fee increase
 - Seeking direction from BoD on:
 - Amount of increase
 - Effective date

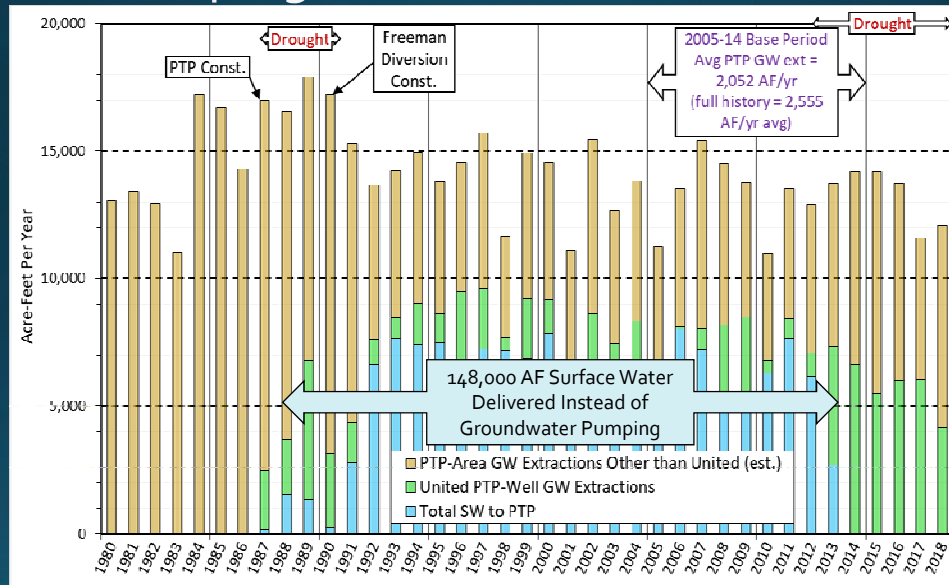
August 1—TAG Meeting

- Review of Calleguas model for LPV basin

August 21—O-PV M&I Allocation Group meeting

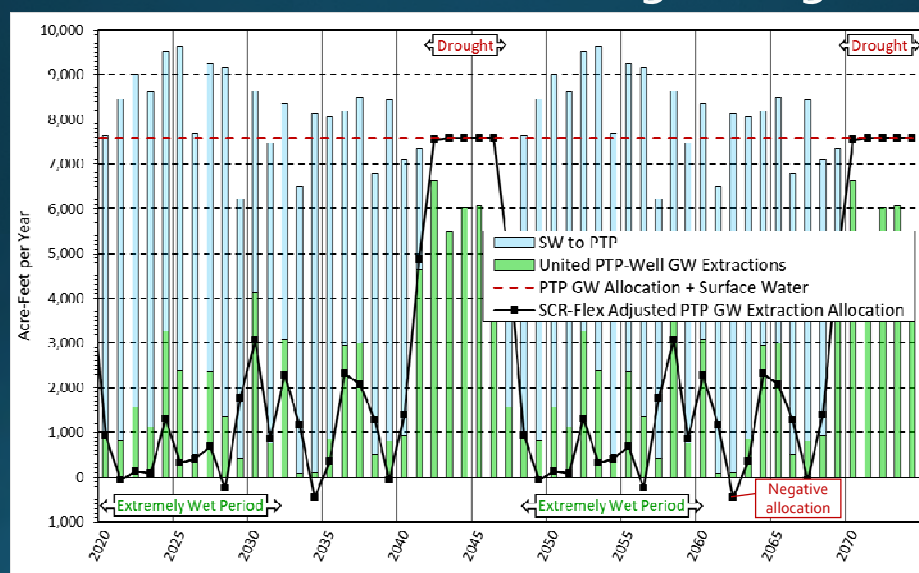
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Historical PTP Operations Have Significantly Reduced Pumping on the Oxnard Plain



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The Current Draft Ordinance Does Not Encourage Reduced Groundwater Use During Droughts



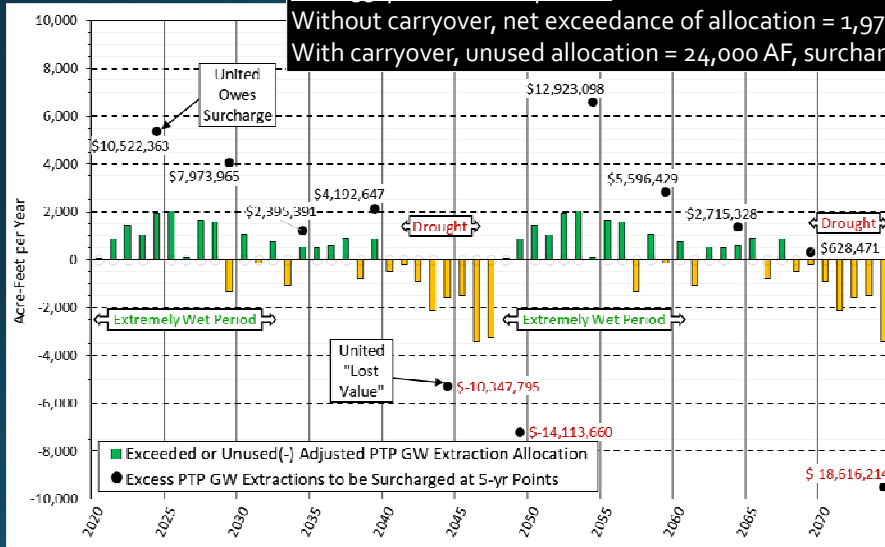
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Current Ordinance Results in Extreme Surcharges if United Operates the PTP as Intended

Over 55-year forecast period:

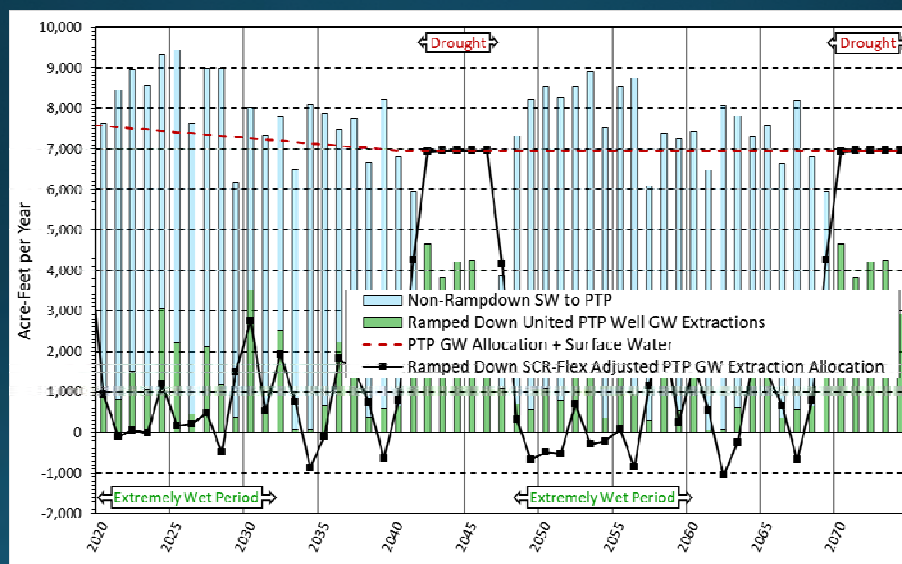
Without carryover, net exceedance of allocation = 1,971 AF; surcharge = \$47 million

With carryover, unused allocation = 24,000 AF, surcharge = \$35 million



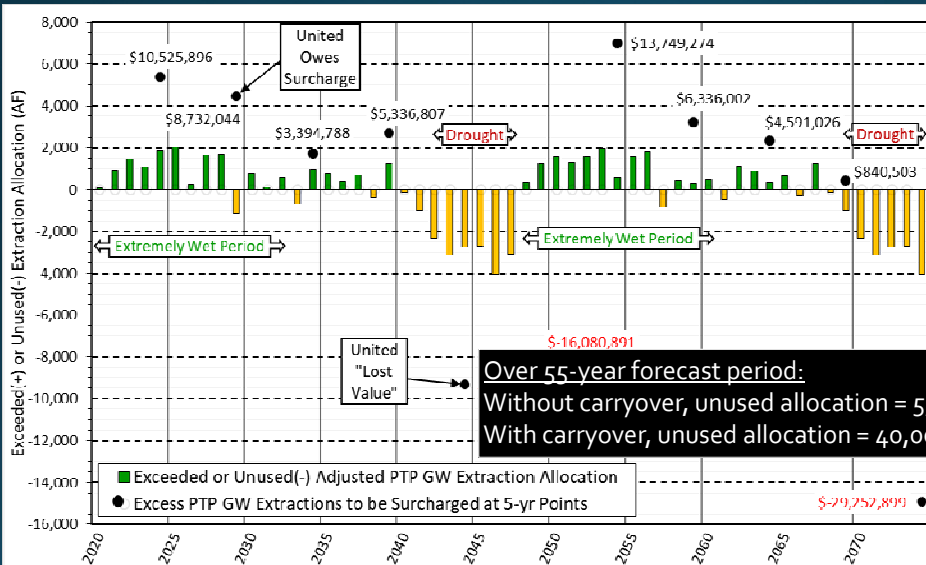
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Implementing a 30% Rampdown Under the Ordinance Would Yield a 9% Rampdown in Water Supplied to the PTP



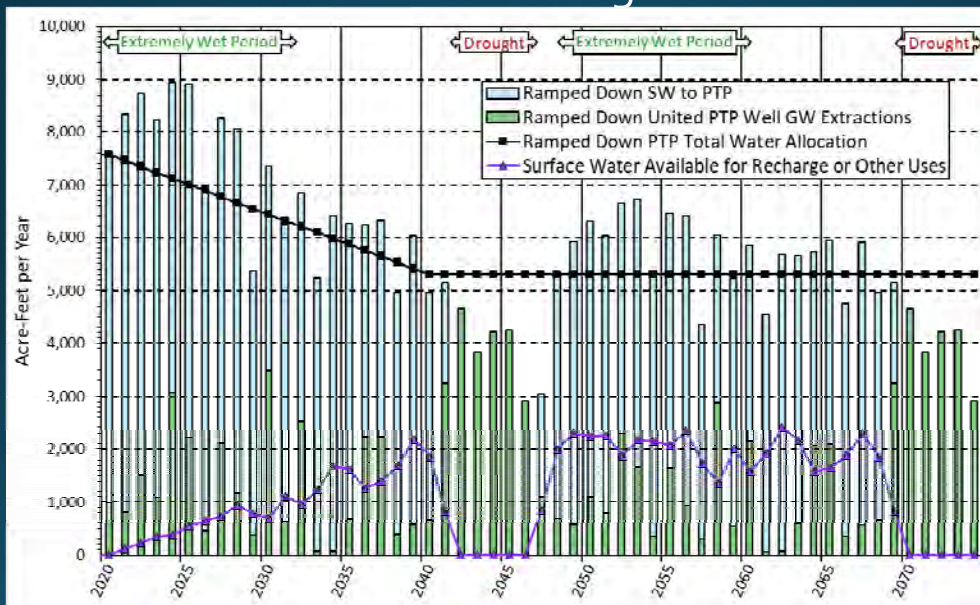
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Existing language Incentivizes United to Pump More During Droughts



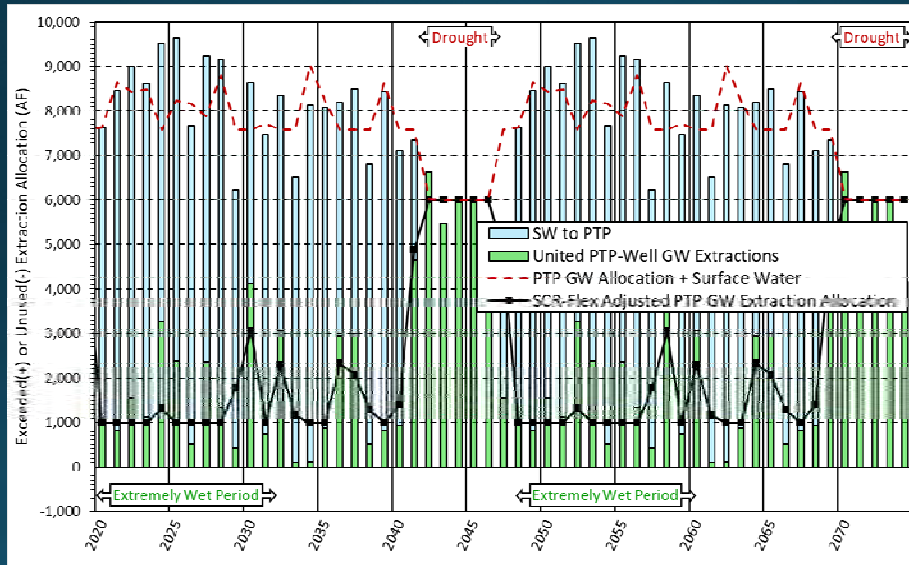
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One-Water Approach Results in 30% Rampdown at PTP and Releases Surface Water for Recharge or Other Uses



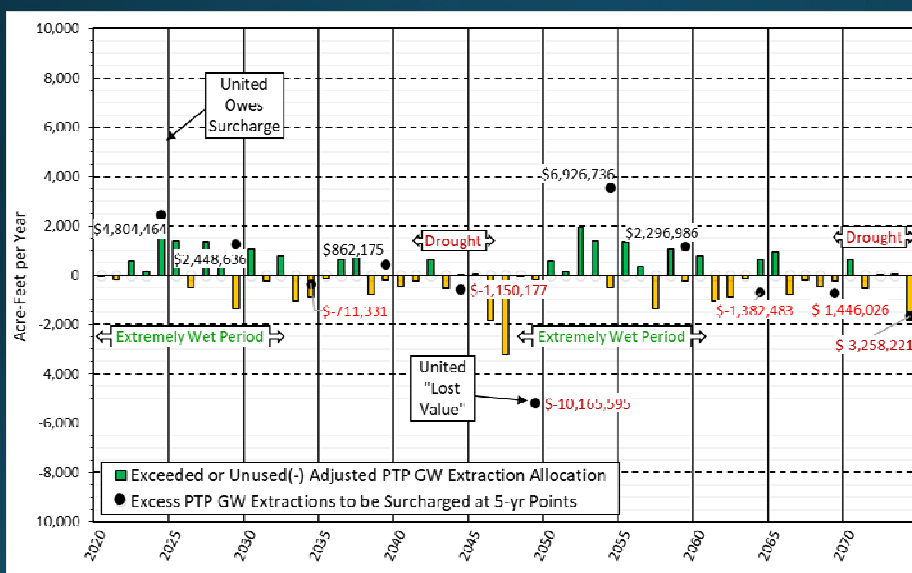
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The "Floor and Ceiling" Allocation Approach Allows for Realistic Groundwater Deliveries to PTP



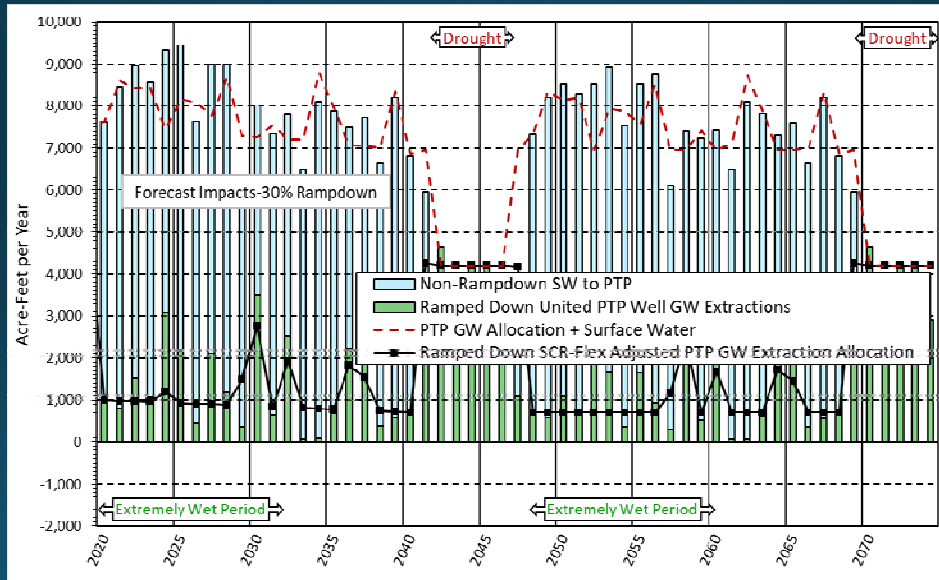
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Potential Surcharges become Much Less Volatile



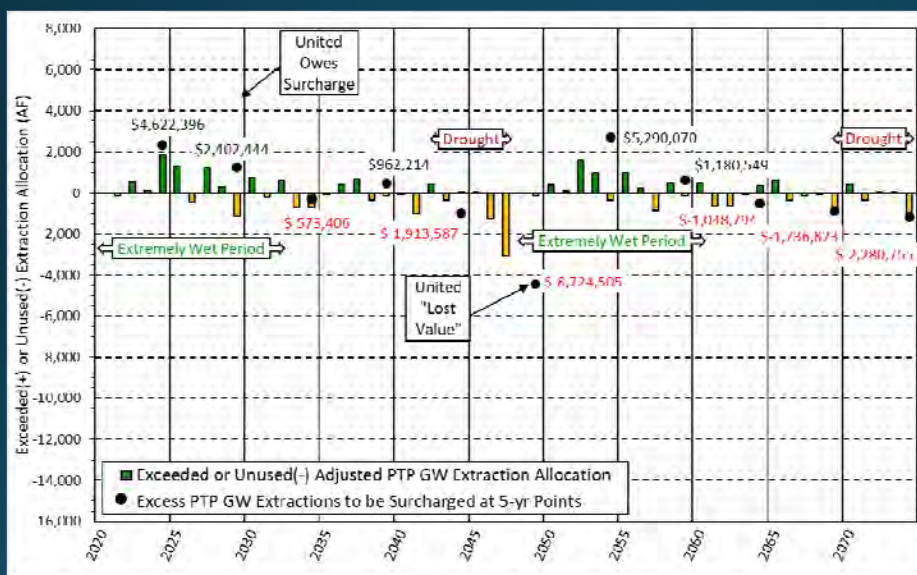
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Floor and Ceiling Approach with future 30% Rampdown of Groundwater Allocation



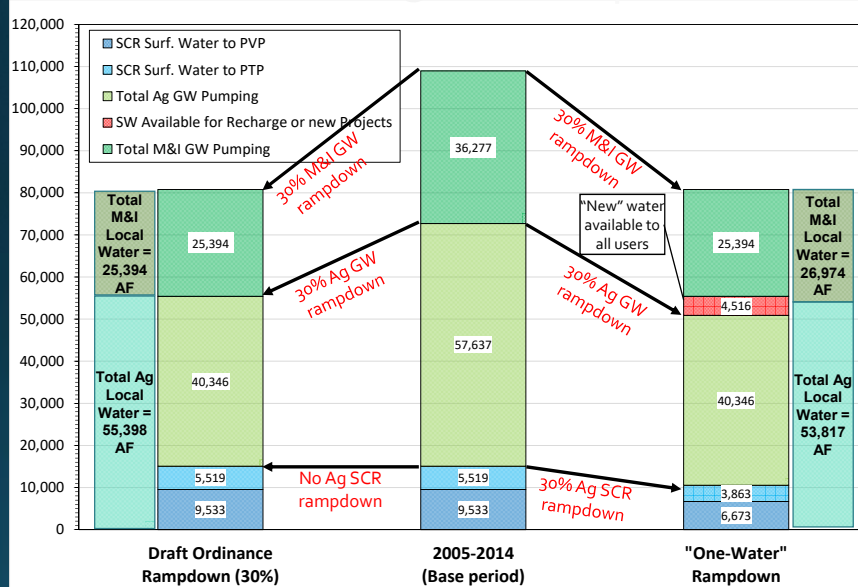
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Volatility of Under- and Over-Allocation Following Rampdown Not as Severe as Original Allocation Ordinance Language



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Comparison of Results of Draft Ordinance Approach vs. One-Water Under 30% Rampdown Scenario



Mound Basin GSA Agenda Review

Mound basin

Priority: Medium => High

Reason: Water quality, dependence on groundwater, forecasted population growth

GSA type: JPA

Recent Activities:

- July 18 regular BoD meeting:
 - Routine administrative and budget issues
- July 18 special BoD meeting:
 - Urgent administrative issue (contract for isotope sampling)
- Isotope sampling in July

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Future agenda items/upcoming activities:

- No meetings planned in August and September
- October—Discuss plans for:
 - Technical work
 - Stakeholder engagement

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Fillmore and Piru Basins GSA Agenda Review

Fillmore basin

Priority: Medium => High

Reason: Water quality, dependence on groundwater, forecasted population growth

GSA type: JPA (Fillmore + Piru)

Piru basin

Priority: High

Reason: Water quality, dependence on groundwater

GSA type: JPA (Fillmore + Piru)

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Recent activities:

- July 18 regular BoD meeting:
 - Encore presentation—roles & responsibilities of the GSA and its Board members (David Ceppos)
 - Comment on waiver of well permit prohibitions for 1307 Bardsdale Ave., Fillmore
 - Budget and extraction fees
- Conceptual modeling nearly done, numerical model construction beginning

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Future agenda items/upcoming activities:

- No meeting planned in August
- September:
 - Outreach and engagement planning results from ad hoc committee
 - Modeling progress

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Santa Paula Basin TAC Update

Santa Paula basin

Priority: Medium => Very Low

Reason: Adjudicated

GSA type: Technical Advisory Committee

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Upcoming Activities

- Next TAC meeting: Sept. 5 (not a public meeting)
- Upcoming activities:
 - Consider effects of Ventura SWP-Interconnection project on potential Santa-Paula-basin “yield enhancement” projects
 - Progress regarding “triggers” document and funding for yield-enhancement projects
 - Evaluate existing index wells, need for more pressure transducers?

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Other SGMA Updates:

- California (DWR) Water Plan Update 2018 finalized in June 2019
- DWR Bulletin 118 update planned for 2020
- DWR Decisions on Alternatives to Groundwater Sustainability Plans:
 - Nine approved
 - Six rejected (including Ojai Valley basin)

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8. FUTURE AGENDA ITEMS



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9. ADJOURNMENT



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