



**City of Greenfield
Arroyo Seco
Groundwater Sustainability Agency**
599 El Camino Real
Greenfield, CA 93927

**Meeting Agenda
June 25, 2019
4:00 P.M.**

Your courtesy is requested to help our meeting run smoothly.

Please follow the following rules of conduct for public participation in the meetings:

- Refraining from public displays or outbursts such as unsolicited applause, comments or cheering.
- Any disruptive activities that substantially interfere with the ability of the Agency to carry out its meeting will not be permitted, and offenders will be requested to leave the meeting.

PLEASE TURN OFF CELL PHONES AND PAGERS

A. CALL TO ORDER

B. ROLL CALL

C. PLEDGE OF ALLEGIANCE

D. PUBLIC COMMENTS FROM THE AUDIENCE REGARDING ITEMS NOT ON THE AGENDA

This portion of the Agenda allows an individual the opportunity to address the Agency on any items not on closed session, consent calendar, public hearings, and agency business. Under state regulation, **no action can be taken on non-agenda items, including issues raised under this agenda item.** Members of the public should be aware of this when addressing the Agency regarding items not specifically referenced on the Agenda. **PLEASE NOTE:** For record keeping purposes and, in the event, that staff may need to contact you, we request that all speakers step up to the lectern and use the microphone, stating your name and address, which is strictly voluntary. This will then be public information. A three-minute time limit may be imposed on all speakers other than staff members.

**Meeting Agenda
June 25, 2019**

E. CONSENT CALENDAR

All matters listed under the Consent Calendar are considered routine and may be approved by one action of the Agency, unless a request for removal for discussion or explanation is received prior to the time Agency votes on the motion to adopt.

E-1. APPROVAL of the Minutes of the May 28, 2019 Meeting of the Arroyo Seco Groundwater Sustainability

F. AGENCY BUSINESS

F-1. PRESENTATION – TODD Groundwater Update

- a. Power Point Presentation
- b. Public Comments
- c. Agency Board - Comments / Review / Action

F-2. CONSIDERATION of Approval of the Fiscal Year 2019-2020 Budget for the Arroyo Seco Groundwater Sustainability Agency and Provide Staff Direction

- a. Staff Report
- b. Public Comments
- c. Agency Board - Comments / Review / Action

F-3. RECEIVE Arroyo Seco Groundwater Sustainability Agency General Manager's Status Report

- a. Oral Report
- b. Public Comments
- c. Agency Board - Comments / Review / Action

G. ADJOURNMENT

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In compliance with the American With Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk at (831) 674-5591. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to the meeting (CFR 35.102-35.104 ADA Title II).
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This agenda is duly posted outside City Hall and on the City of Greenfield web site

**CITY OF GREENFIELD ARROYO SECO
GROUNDWATER SUSTAINABILITY AGENCY
MINUTES**

AGENCY MEETING OF MAY 28, 2019

ROLL CALL

Present: Chair Thorp, Board Members Rodriguez, Wood and Martinez
Vice Chair Griva arrived at 4:30 p.m.

Absent: None

Staff: Interagency Attorney Cochran, General Manager Weeks, City Clerk Rathbun

PLEDGE OF ALLEGIANCE

All recited the pledge of allegiance.

PUBLIC COMMENTS FROM THE AUDIENCE REGARDING ITEMS ONLY ON THE AGENDA

No comments were received.

APPROVAL OF MINUTES OF THE APRIL 23, 2019 MEETING OF THE ARROYO SECO GROUNDWATER SUSTAINABILITY

A MOTION by Board Member Martinez, seconded by Board Member Rodriguez to approve the Minutes of the April 23, 2019 Meeting of the Arroyo Seco Groundwater Sustainability. All in favor. Motion carried.

RECEIVE GROUNDWATER SUSTAINABILITY AGENCY PLAN UPDATE AND PROVIDE STAFF DIRECTION

Staff report was given by General Manager Weeks.

Nancy Isakson stated the GSA could amend the plan prior to the five years; however, there was a process. General Manager Weeks stated that he would check on the process to amend.

It was the consensus of the Board to move forward and use the December 2015 levels.

**RECEIVE ARROYO SECO GROUNDWATER SUSTAINABILITY AGENCY GENERAL
MANAGER'S STATUS REPORT**

General Manager Weeks gave a report regarding making a presentation to the Salinas Valley Basin GSA and in the process of scheduling a meeting with the GSA sub-committee and the other sub-committee in June. He stated that once this was accomplished, there would be a meeting with the Salinas Valley Basin GSA in August for approval of the agreement. He also stated that the proposed GSA budget for the 2019-2020 year would be on the next agenda.

ADJOURNMENT

Meeting adjourned at 4:31 p.m.

Chair of the Board

City Clerk of the City of Greenfield

Arroyo Seco Groundwater Sustainability Plan

ASGSA Board of Directors

June 25, 2019

Greenfield, CA

Agenda

- Revised minimum threshold for GW levels (2015)
- Groundwater salinity patterns
- 180/400 Foot Aquifer sustainable management criteria
- Communication with DWR SGMA staff
- Groundwater modeling status

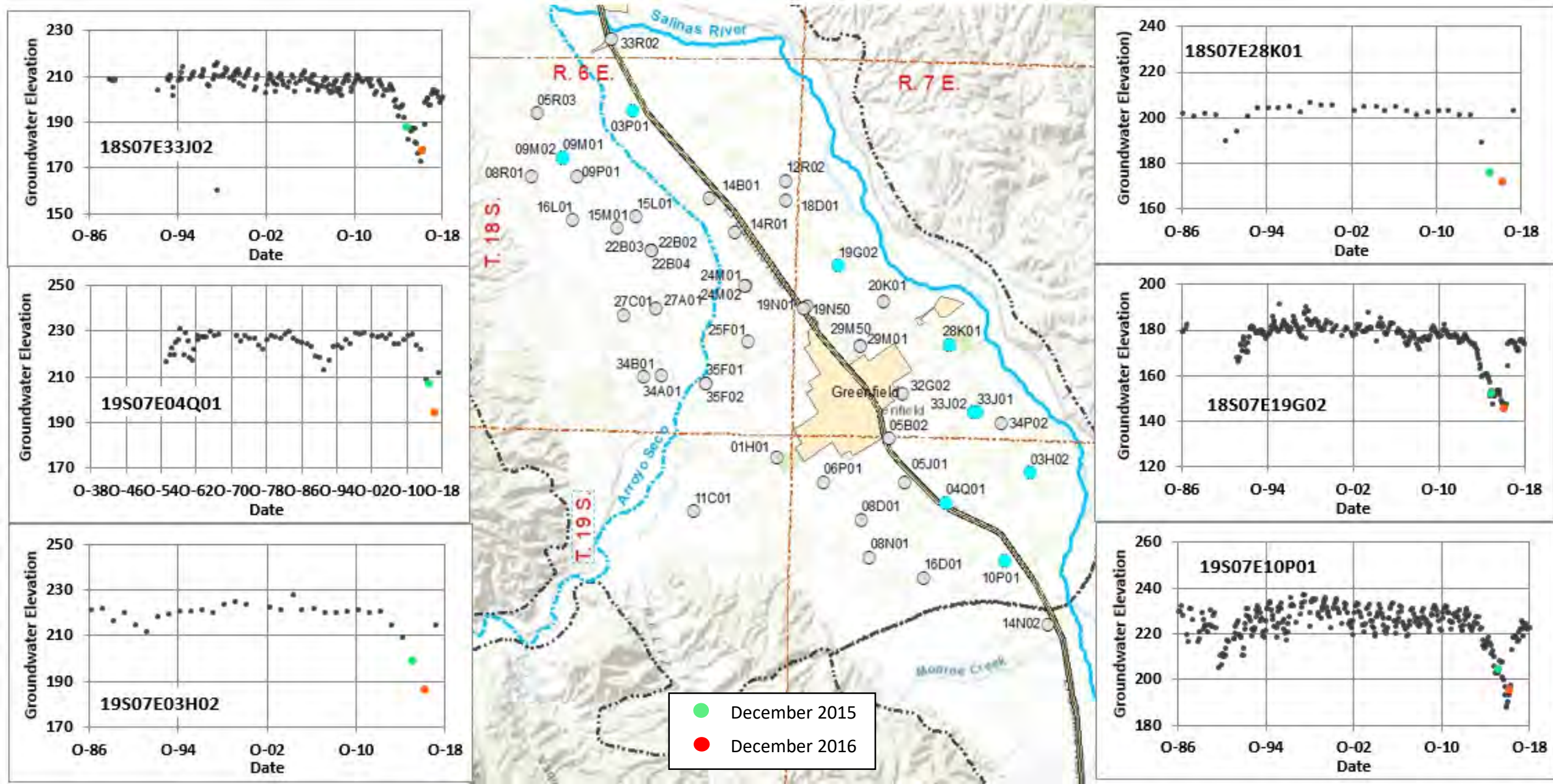


Minimum Threshold for Water Levels

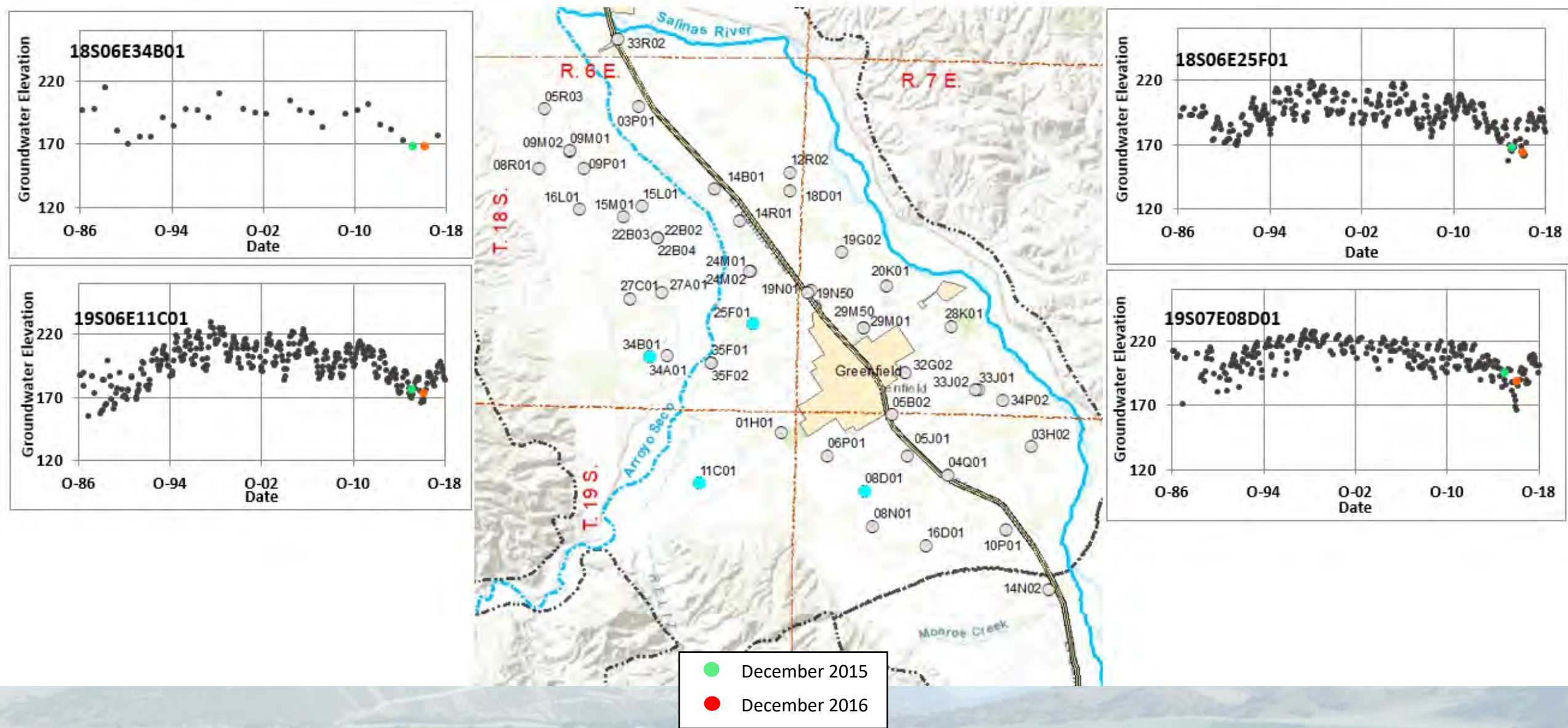
Consider changing from December 2016 to December 2015

- Undesirable results occurred during 2016
 - Decreased well yields
 - Riparian vegetation mortality
- Consistent with SVWC litigation
- Supports management action to change reservoir operation (to decrease consecutive no-flow years)
- Consistent with 180/400 Foot Subbasin criteria

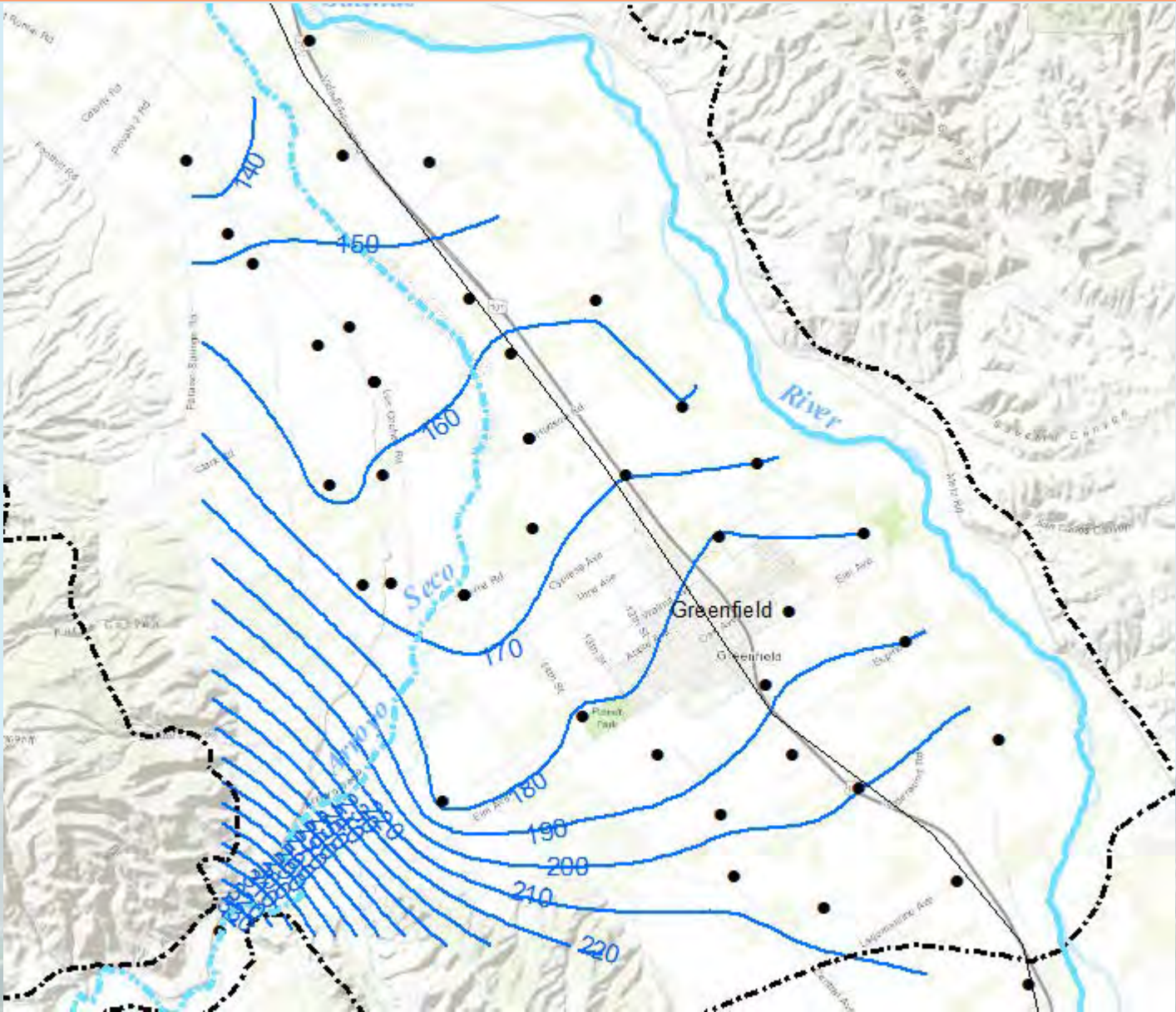
2015 vs 2016 near Salinas River



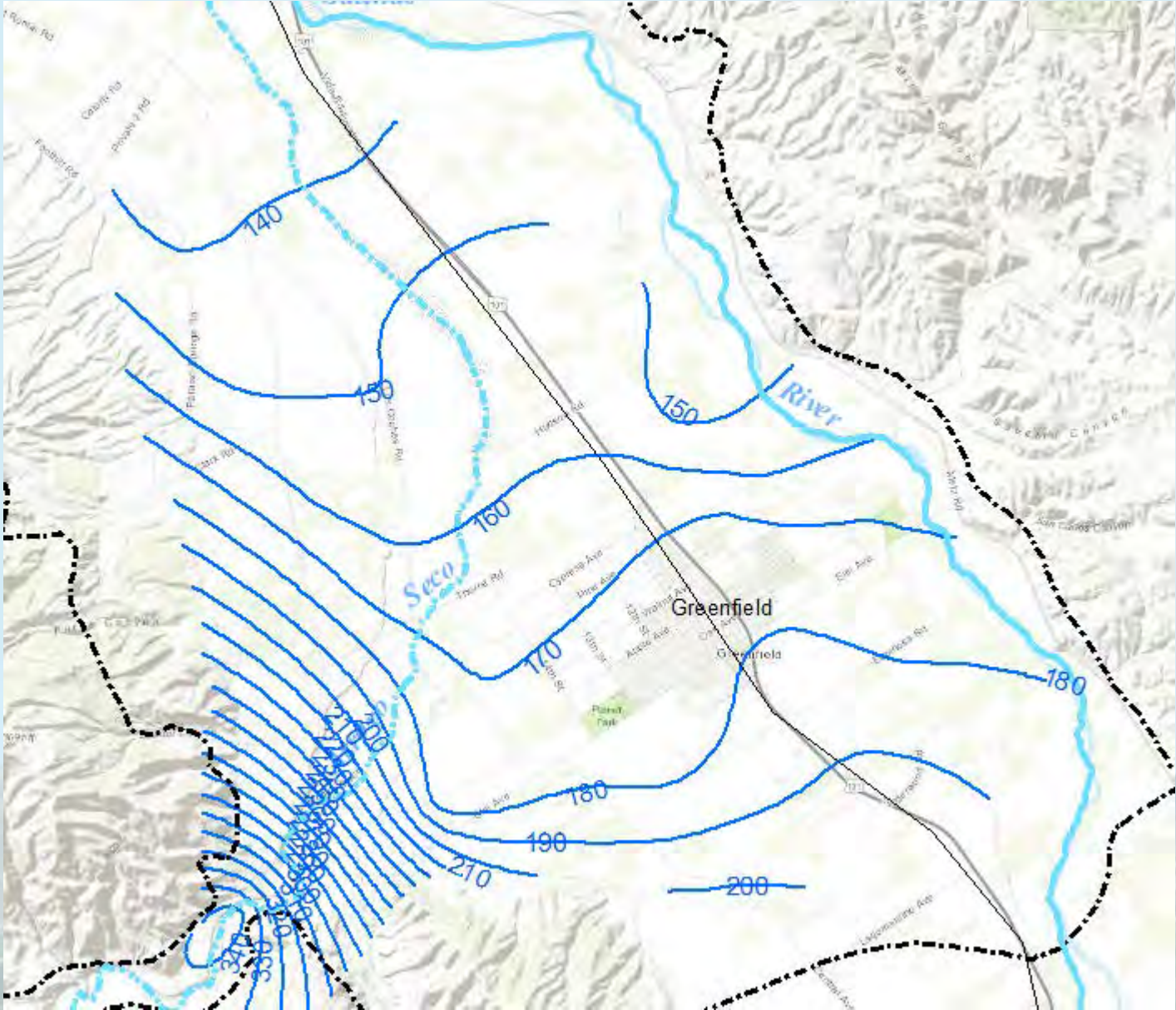
2015 vs 2016 in Upper Arroyo Seco Cone Area



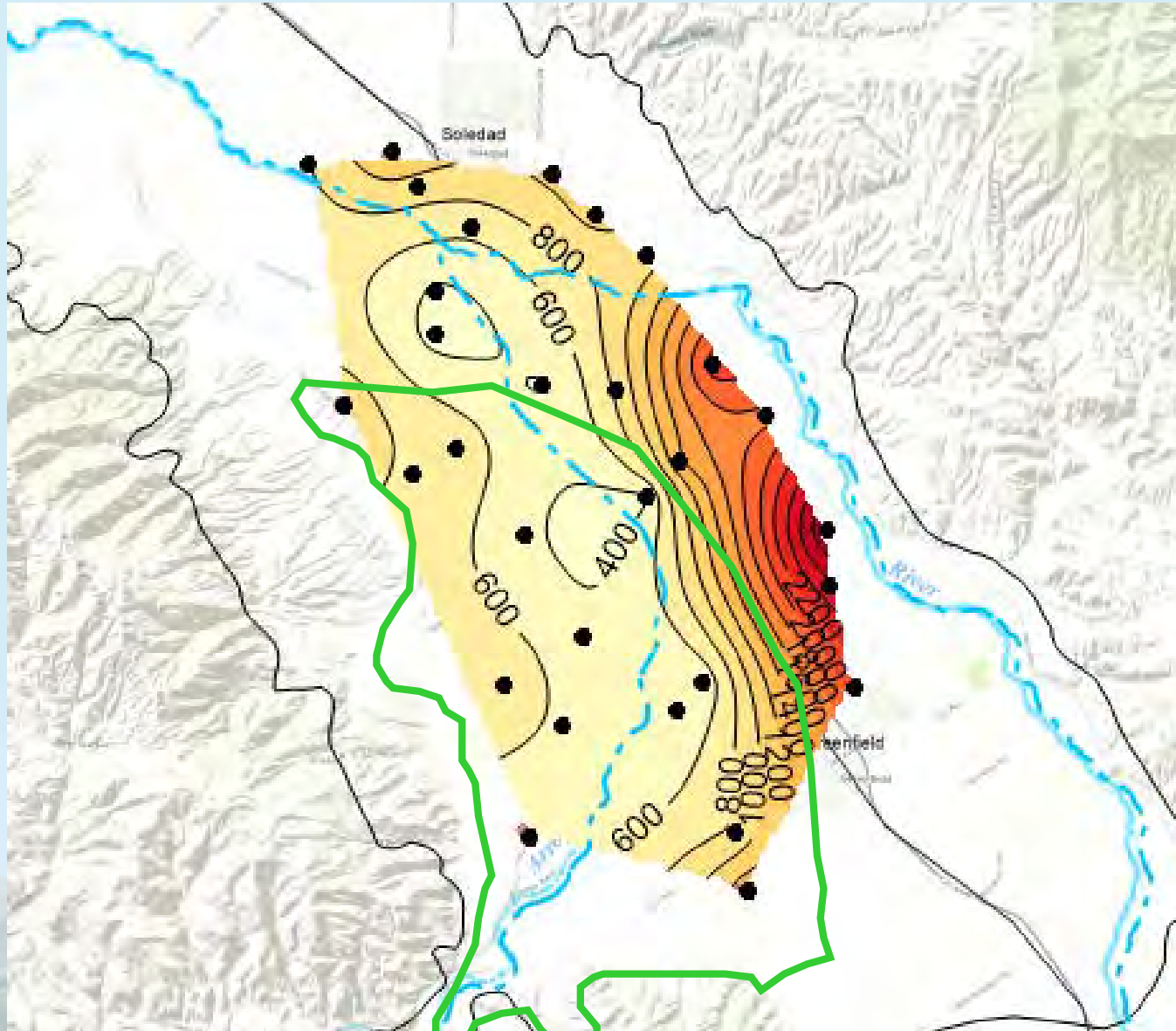
Minimum Threshold Water Levels based on 2015



Minimum Threshold Water Levels based on 2016



Groundwater Salinity Patterns



Electrical Conductivity Map
(Feeney, 1994)

Basin Plan Objectives:

“Lower Forebay”: 2,066 $\mu\text{S}/\text{cm}$

“Upper Forebay”: 1,150 $\mu\text{S}/\text{cm}$

180/400 Foot Subbasin Sustainable Management Criteria

- SVBGSA GSP Chapter 8 about to be released for 30-day comment period.
- Similarities to ASGSA approach



180/400 Foot Water Level Criteria

- **Minimum threshold = October 2015 water levels + 1 foot**
- **Manual adjustments to smooth surface**
- **Statistically defined compliance**





180/400 Foot Assumption

Existing = sustainable, with little analysis

- 2017 seawater intrusion contours
- Groundwater quality exceedances
- Surface water depletion

180/400 Foot: Groundwater Storage

Sustainable storage = safe yield identified by GW model

- 112,000 AFY of pumping
- 7% less than existing pumping



180/400 Foot: Reservoirs and Actions

- Reservoir operations not mentioned at all
- Management actions not mentioned at all, even though many minimum thresholds will clearly be exceeded



Communication with DWR

- Our new SGMA point of contact is Tom Berg
- No advance one-on-one consultation
- DWR awaits the ASGSA boundary dispute resolution
- We may inform senior SGMA staff of generic issues



Groundwater Modeling Status

- Substituted simulated recharge and ag pumping in Forebay for entire simulation period
- Included Greenfield and Soledad wastewater percolation
- Added nine hydrograph well locations
- Working on future baseline and climate change simulations



**City of Greenfield
Arroyo Seco
Groundwater Sustainability Agency**

MEMORANDUM: June 18, 2019

AGENDA DATE: June 25, 2019

TO: Board Members

FROM: Curtis Weeks, General Manager

TITLE: CONSIDER APPROVAL OF FISCAL YEAR 2019-2020 BUDGET FOR THE ARROYO SECO GROUNDWATER SUSTAINABILITY AGENCY AND PROVIDE STAFF DIRECTION

BACKGROUND

On September 25, 2018, the Arroyo Seco Groundwater Sustainability Agency (ASGSA) amended its fiscal year 2018-2019 (FY 2019) budget to \$318,000. The Board of Directors action provided the funding to hire TODD Groundwater to prepare the Groundwater Sustainability Plan (GSP) for the Arroyo Seco groundwater basin. The increased budget was necessary to cover the expenditures required to develop the GSP, and the proposed schedule to complete the GSP by the end of 2019. The total budget for TODD Groundwater was \$377,233, and this year's budget covers the second half of TODD's work to complete the GSP.

DISCUSSION

Attached to this staff report is the proposed fiscal year (FY) 2019-2020 budget for the operation of the ASGSA through FY 2019-2020. The proposed FY 2019-2020 is \$276,500. The costs are distributed between the ongoing administration of the organization and the technical tasks to be performed in FY 2019-2020. There may be unanticipated costs to acquire groundwater data and other needed information, but with our current information we anticipate the proposed budget will provide adequate funding to cover those costs. The staff recommends the Board review and approve the FY 2019-2020 budget.

RECOMMENDATION

The ASGSA General Manager has reviewed this report and recommends that the Board of Directors approve the FY 2019-2020 budget and direct the General Manager to finalize the ASGSA GSP.

PROPOSED MOTION: I MOVE TO APPROVE THE FISCAL YEAR 2019-2020 BUDGET FOR THE ARROYO SECO GROUNDWATER SUSTAINABILITY AGENCY AND PROVIDE STAFF DIRECTION

ATTACHMENTS

FY2018-2019 ASGSA Amended Budget spreadsheet.

Amended Fiscal Year 2019-2020 Arroyo Seco GSA Budget

	July	August	September	October	November	December	January	February	March	April	May	June	Total Cost
GM cost													
Salary	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 90,000
odc's		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Insurance													
General Liability		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000					\$ -	\$ 3,000
Technical Consultants													
Task 2.5: Evaluate Undesirable Results and Develop Sustainability Criteria	\$ 6,575	\$ 6,575	\$ 6,575	\$ 6,575	\$ 6,570	\$ 1,300	\$ 1,300	\$ -	\$ -	\$ -	\$ -		\$ 22,320
Task 2.6: Identify and Evaluate Management Actions	\$ 1,668	\$ 1,455	\$ 1,500	\$ 2,000	\$ 2,000	\$ 2,000	\$ 1,400						\$ 12,023
Task 2.7: Develop Monitoring Network and Protocols	\$ 1,668	\$ 2,000	\$ 2,000	\$ 1,900	\$ 1,500	\$ 1,500	\$ 1,500						\$ 12,068
Task 2.8: Develop Plan Implementation	\$ 1,668	\$ 2,000	\$ 2,000	\$ 1,200	\$ 1,220	\$ 1,000	\$ 1,000	\$ -	\$ -	\$ -	\$ -		\$ 10,088
Task 2.9: Write and Prepare Final GSP	\$ 2,500	\$ 5,000	\$ 5,000	\$ 5,000	\$ 7,500	\$ 14,000	\$ 2,000	\$ -	\$ -	\$ -			\$ 41,000
Task 3: Write and Negotiate Interbasin Agreements	\$ 5,000	\$ 10,000	\$ 5,000	\$ 7,000	\$ 7,000	\$ 5,000	\$ 2,000		\$0	\$0	\$0	\$0	\$ 41,000
Task 2.1 - 2.4: Outstanding elements	\$ 10,000	\$ 10,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000			\$ -	\$ -	\$ -	\$ 45,000
Total													\$ 276,500