



Post Office Box 3544
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<https://moundbasingsa.org>

**NOTICE IS HEREBY GIVEN that the
Mound Basin Groundwater Sustainability Agency ("Agency")
Board of Directors ("Directors") will hold a
REGULAR BOARD MEETING
at 1:00 P.M. on
Thursday, September 17, 2020**

In accordance with the **California Governor's Executive Stay at Home Order** and the **County of Ventura Health Officer Declared Local Health Emergency** and **Be Well at Home Order** resulting from the novel coronavirus (COVID-19), the Ventura City Hall is closed to the public. Therefore, the Mound Basin GSA will hold its Regular Board of Directors meeting virtually using the Zoom video conferencing application.

If you are new to Zoom,
please click on this link and watch the short video tutorial:
<https://support.zoom.us/hc/en-us/articles/201362193-How-Do-I-Join-A-Meeting->

To participate in the Board of Directors meeting via Zoom, please access:
<https://us02web.zoom.us/j/84384530467>
Meeting ID: 843 8453 0467

To call into the meeting (audio only), call: 1-888-788-0099 **US Toll-free**
Meeting ID: 843 8453 0467

MOUND BASIN GROUNDWATER SUSTAINABILITY AGENCY
BOARD OF DIRECTORS MEETING AGENDA

CALL TO ORDER 1:00 P.M.

- 1. PLEDGE OF ALLEGIANCE**
- 2. ROLL CALL**

3. PUBLIC COMMENTS ON ITEMS NOT APPEARING ON THE AGENDA

The Board will receive public comments on items not appearing on the agenda and within the subject matter jurisdiction of the Agency. The Board will not enter into a detailed discussion or take any action on any items presented during public comments. Such items may only be referred to the Executive Director or other staff for administrative action or scheduled on a subsequent agenda for discussion. Persons wishing to speak on specific agenda items should do so at the time specified for those items. In accordance with Government Code § 54954.3(b)(1), public comment will be limited to three (3) minutes per speaker.

- 4. APPROVAL OF AGENDA**
Motion

5. CONSENT CALENDAR

All matters listed under the Consent Calendar are considered routine by the Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member pulls an item from the Calendar. Pulled items will be discussed and acted on separately by the Board. Members of the public who want to comment on a Consent Calendar item should do so under Public Comments. (ROLL CALL VOTE REQUIRED)

5a Approval of Minutes

Motion

The Board will consider approving the Minutes from the August 20, 2020, Regular Mound Basin GSA Board of Directors meeting.

5b Approval of Warrants

Motion

The Board will consider approving payment of outstanding vendor invoices.

5c Monthly Financial Reports

Information Item

The Board will receive monthly profit and loss statements and balance sheets for the month of August 2020.

6. BOARD MEMBER ANNOUNCEMENTS

6a Directors will provide updates on matters not on the agenda.

6b Directors will provide oral reports of time spent on grant eligible activities since the previous regular Board meeting.

7. EXECUTIVE DIRECTOR UPDATE

The Executive Director will provide an informational update on non-GSP activities since the previous Board meeting.

8. INFORMATION ITEM

8a GSP Stakeholder Workshop No. 1 Recap (Grant Category (c), Task 3)

The Executive Director will summarize insights gained from GSP Workshop No. 1.

9. MOTION ITEMS

9a GSP Monthly Update (Grant Category (c), Task 3 and Category (d), Task 4)

Motion

The Board will receive an update from the Executive Director concerning development of the Agency's Groundwater Sustainability Plan and grant status. The Board may provide feedback or direction to staff.

9b Sustainability Goal (Grant Category (d), Task 4)

Motion

The Board will consider approving the sustainability goal for the Agency's Groundwater Sustainability Plan.

10. FUTURE AGENDA ITEMS

ADJOURNMENT

The Board will adjourn to the next **Regular Board Meeting** scheduled for Thursday, **October 15, 2020** 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 1701 North Lombard Street in Oxnard 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 Mound Basin Clerk of the Board at (805) 525-4431 or the City of Ventura at (805) 654-7800. Notification of at least 48 hours prior to the meeting will enable the Agency to make appropriate arrangements.

Posted: 09/1F/2020

(time) 9:00 A.M.

(attest) Jackie Lozano

At: <https://moundbasingsa.org>

Posted: 09/1F/2020

(time) 9:15 A.M.

(attest) Jackie Lozano

At: <https://www.facebook.com/moundbasingsa/>

Posted: 09/1F/2020

(time) 9:30 A.M.

(attest) Jackie Lozano

At: United Water Conservation District, 1701 N. Lombard Street, Oxnard CA 93030

MOUND BASIN GROUNDWATER SUSTAINABILITY AGENCY
REGULAR BOARD OF DIRECTORS MEETING

Thursday, August 20, 2020 | 1:00 PM
via Zoom, due to COVID-19 Meeting Protocol

MINUTES

DIRECTORS IN ATTENDANCE:

Mike Mobley, Chair
Susan Rungren, Secretary
Glenn Shephard, Treasurer
Jim Chambers
Conner Everts

STAFF IN ATTENDANCE:

Bryan Bondy, Executive Director
Joseph Hughes, Agency Counsel
Jackie Lozano, Clerk of the Board

PUBLIC IN ATTENDANCE:

Burt Handy
Neal Maguire, Mound Basin Ag Water Group (MBAWG)
Kel Mitchel
Tony Morgan
Maryam Bral, UWCD
Dan Detmer, UWCD
Kathleen Kuepper, UWCD
John Lindquist, UWCD
Jason Sun, UWCD

CALL TO ORDER 1:00 PM

Chair Mobley called the meeting to order at 1:02 PM.

1. PLEDGE OF ALLEGIANCE

Chair Mobley led the participants in reciting the Pledge of Allegiance.

2. ROLL CALL

The Clerk of the Board called the roll. All Directors were present for the meeting.

3. PUBLIC COMMENTS ON ITEMS NOT APPEARING ON THE AGENDA

Chair Mobley asked if there were any public comments. None were offered.

4. APPROVAL OF AGENDA

Motion

Motion to approve the agenda, Director Everts; Second, Director Chambers. Roll call vote: five ayes (Chambers, Everts, Mobley, Rungren, Shephard); none opposed. Motion carried unanimously 5/0.

5. EXECUTIVE (CLOSED) SESSION

Chair Mobley adjourned the meeting into Executive (Closed) Session at 1:05 PM.

5a Conference with Legal Counsel – Anticipated Litigation:

Consideration of initiation of litigation pursuant to Paragraph (4) of Subdivision (d) of Government Code § 54956.9: three cases.

6. SECOND OPEN SESSION

Chair Mobley called the Second Open Session to order at 1:28 PM.

6a Oral Report Regarding Executive (Closed) Session

Legal Counsel Joseph Hughes reported that the Agency took no reportable action under the Brown Act.

7. CONSENT CALENDAR

**7a Approval of Minutes
Motion**

The Board will consider approving the Minutes from the July 16, 2020, Regular Mound Basin GSA Board of Directors meeting.

**7b Approval of Warrants
Motion**

The Board will consider approving payment of outstanding vendor invoices.

**7c Monthly Financial Reports
Information Item**

The Board will receive the monthly profit and loss statements and balance sheets for the month of July 2020.

No comments or questions were offered by the Directors.

No public comments were offered.

Motion to approve the Consent Calendar, Director Everts; Second, Director Shephard. Roll call vote: five ayes (Chambers, Everts, Mobley, Rungren, Shephard), none opposed. Motion carried unanimously 5/0.

8. BOARD MEMBER ANNOUNCEMENTS

8a Since the previous Board meeting, no updates were offered from the Directors on matters not on the agenda.

8b Since the previous Board meeting, the Directors reported no time spent on grant eligible activities.

9. EXECUTIVE DIRECTOR UPDATE

Executive Director Bondy reviewed the staff report with the Board. He provided additional explanation concerning the status of the proposed monitoring well at the City of Ventura wastewater treatment facility. He explained that during a July 7 meeting with City staff, the City Planning Department staff person agreed to provide an application for coastal development permitting. Executive Director Bondy has followed-up with the Planning Department staff person and has not received a response. Executive Director Bondy requested that Director Rungren speak with the Planning Department manager. Director Rungren agreed and asked Executive Director Bondy to forward the email. Executive Director Bondy explained that the DWR Technical Support Services process remains on hold pending the City permitting issue.

No comments or questions by the Directors.

No public comments were offered.

10. INFORMATION ITEMS

10a **Groundwater Model Presentation** **Information Item**

Executive Director Bondy provided an overview of groundwater modeling and how the model will be used in the GSP development process and then introduced Dr. Jason Sun, lead modeler at United Water Conservation District (UWCD). Dr. Sun gave a presentation concerning groundwater model development. The presentation is attached for reference.

Dr. Sun thanked everyone for the opportunity to present. Chair Mobley thanked Dr. Sun for a great presentation. Chair Mobley called for questions or comments.

Public attendee Burt Handy asked about availability of offshore geologic information. Dr. Sun referred to presentation slides that depict the model extent to the outcrop offshore and explained that the model simulates groundwater offshore and interaction with the ocean where the aquifers are exposed. Mr. Handy asked if the USGS Scientific Investigation Map 2354 was reviewed. Mr. Handy showed a few screen shots of the map (see attached slides) and suggested that this information should be considered. Executive Director Bondy stated that the Agency is familiar with the study.

No comments or questions by the Directors.

No other public comments or questions were offered.

11. MOTION ITEMS

11a **Groundwater Sustainability Plan Monthly Update (Grant Category (c), Task 3 and Category (d), Task 4)** **Motion**

Executive Director Bondy reviewed the staff report with the Board. He provided additional explanation concerning several items.

Regarding the draft GSP materials, the Agency will accept public comments on an ongoing basis until the start of final preparation of the complete draft GSP.

The groundwater flow is expected to be available in October.

The GSP Development Schedule has been updated to include groundwater model development as a discrete task. He also explained that some of the tasking has been simplified and the workshops and Board approval have been updated.

A bill stuffer to introduce the Mound Basin GSA was developed and will be sent out with Ventura Water billings in August and September. The bill stuffer encourages participation and points interested parties to the Mound Basin GSA website and/or the clerk of the board for more information. The bill stuffer was published in English and Spanish. Ventura Water also included the information about Mound Basin GSA and GSP Workshop No. 1 in its July "Pipeline" newsletter. Executive Director Bondy expressed his appreciation to Ventura staff for facilitating those items.

Chair Mobley asked for comments or questions.

Director Chambers stated that he stopped receiving the Board meeting e-mails. He is concerned that others may not be receiving the notices as well.

Executive Director Bondy suggested that Director Chambers forward the Mound Basin Agricultural Water Group e-mail list to the clerk of the board to ensure the members are on the Mound Basin GSA e-mail list.

Executive Director Bondy polled the directors in the room concerning e-mails. Directors Chambers and Everts are not receiving the e-mails, but it was noted that Director Everts had discovered that the clerk's e-mails were going to the junk folder. Zachary Plummer of UWCD confirmed during the meeting that the email was sent from looking at the outgoing log. Executive Director Bondy asked the clerk to follow-up with IT staff for further investigation and testing with Directors Chambers and Everts.

No further comments or questions by the Directors.

No public comments were offered.

Motion to receive the GSP monthly update, Director Everts; Second, Director Shephard. Roll call vote: five ayes (Chambers, Everts, Mobley, Rungren, Shephard), none opposed. Motion carried unanimously 5/0.

11b Sustainability Goal (Grant Category (d), Task 4)

Motion

Executive Director Bondy reviewed the staff report with the Board and noted that no public comments on the draft sustainability goal have been received to date. He suggested that the Board could wait until after GSP Workshop No. 1 and adopt the sustainability goal during the September 17, 2020 Board of Directors meeting. Chair Mobley expressed a preference to wait. Director Everts agreed.

Director Rungren did have some comments on the goal for Executive Director Bondy which were as follows:

- Under 4a, not sure why agricultural enterprises was used. Although, no preference, is it better as agriculture if someone is not an enterprise? Executive Director Bondy agreed agriculture is fine.
- Modify the wording such as reliability for agriculture, domestic, municipal, and industrial users rather than using potable and industrial. Executive Director Bondy stated potable covers both domestic and municipal uses. Agency could go with agricultural, municipal, and industrial. No preference from Director Rungren, but made more sense to her to use municipal and industrial.
- In item 4c, sentence repeated itself by "Identifying and considering..." as also shown in item 4. Recommended changing to "Considering potential impacts to groundwater dependent ecosystems." Executive Director Bondy suggested leaving as is because it follows the language in the GSP regulations.
- Questioned the language in 4c "where possible, opportunities to enhance those ecosystems." Director Rungren was concerned that the language could create an expectation that MBGSA would enhance the ecosystems.
- Item 4f, the first sentence uses "measurable objects" should be measurable objectives and change "agricultural enterprises" to agriculture, as mentioned above.

Director Shephard concurs with Director Rungren's changes and supports removing component of enhancement under item 4c. Executive Director Bondy said that he understood the proposed change to remove the text in 4c after the first instance of the word ecosystem.

Director Chambers appreciates the changes and mentioned item 4c will be something the Agency would identify as time progresses. The Agency does not have a list of groundwater dependent ecosystems that he is aware of and would continue to be an ongoing process to identify. Executive Director Bondy replied that the Agency has completed the work to identify groundwater dependent ecosystems and that will be presented during the GSP Stakeholder Workshop No. 1.

No further comments or questions by the Directors.

No public comment was offered.

A motion was not carried. The Agency agreed to table this until the next regular board meeting.

11c Sustainable Management Criteria Screening (Grant Category (d), Task 4)

Motion

Executive Director Bondy explained that the purpose of this item is to take a first, high-level look at the six sustainability indicators and identify key issues that will need to be addressed in the GSP. He then proceeded to review the staff report with the Board in detail.

Director Chambers had a question regarding the Oak Ridge fault offshore as it relates to a potential pathway for seawater intrusion. Executive Director Bondy explained that onshore, the fault had not cut through the younger sediments, but offshore data are very limited. He suggested that the GSP acknowledge the potential for short circuit pathways for seawater intrusion may exist and have a contingency plan in place.

Director Everts asked if the modeling included sea level rise with some of the reports that came out in terms of impacts on groundwater, how will the Agency address that if the sea water is moving towards land? Executive Director Bondy explained that the modeling will consider the effects of sea level rise on seawater intrusion. Screening modeling has already been performed and showed that the sea level rise would not have a major effect rate of travel of seawater from the offshore subcrop to the shoreline.

Director Everts also asked how the Agency will monitor for an increase in chloride levels. Executive Director Bondy explained there is only one monitoring well near the coast, at Marina Park. He said the Agency will need additional monitoring wells and is working with the City to construct one well near the harbor, closer to the river. He suggested a line of at least three monitoring wells along the coast for early warning of seawater intrusion and an additional line of wells between the coast and production wells, to monitor for any inland movement intrusion.

Regarding chronic declines in groundwater levels, Director Chambers mentioned that the precipitation amounts shown did not change the levels radically in the short-term. Executive Director Bondy provided further background on the charts and explained that the groundwater level response is influenced more by pumping than recharge, but the pumping changes with precipitation. Most of the aquifers are buried deep down below confining layers, so rainfall in wet years is percolating directly into the principal aquifers over much of the basin.

Director Everts was wondering if there was a lag time to reach different areas. Executive Director Bondy explained that lag time has more to do with where the water can get into the principal aquifers. The water would be able to get into the groundwater system at locations far away from where the wells are pumping. The lag time also has to do with the pressure response reaching the pumping centers.

Additionally, Director Everts asked for clarification on the precipitation trend. Executive Director Bondy replied that precipitation is only one factor and pumping is probably a more

important factor. During the drought in 1980's to 1990's, the precipitation deficit was about 30 to 40 inches as compared with the recent drought which had a 50 inch deficit. Groundwater levels dropped about the same which suggested there was less pumping now than in the last drought. Executive Director Bondy stated that the groundwater model will be used to evaluate how groundwater levels might response in the future for assumed conditions, but that the basin will be managed based on monitoring results.

Director Everts asked why this informational item needed to be approved as a motion item. Chair Mobley replied the item was listed as a motion item and should be taken care of as a motion item. Executive Director Bondy clarified items such as these are listed as motion items to provide the Board with the option of voting on the item or providing direction to staff. A motion is not necessary. Staff prefers that the Board provide feedback through a motion on GSP matters.

No further comments or questions by the Directors.

No public comment was offered.

Motion to approve, receive, and file the Sustainable Management Criteria Screening, Director Shephard; Second, Director Rungren. Roll call vote: five ayes (Chambers, Everts, Mobley, Rungren, Shephard), none opposed. Motion carries unanimously 5/0.

11d Groundwater Sustainability Plan Stakeholder Workshop Webinar Agenda (Grant Category (c), Task 3)

Information Item

Executive Director Bondy presented an overview of the workshop agenda to the Board of Directors.

Chair Mobley asked if Zoom was used for the Upper Ventura River GSA workshop and, if so, could Zoom handle the attendee polling questions? Executive Director Bondy replied that Upper Ventura River GSA used GoToMeeting for their webinar, but the Mound Basin GSA staff held a successful practice session to test the Zoom platform, including the polling feature.

Director Everts mentioned that everything sounds good, but would like to know how many people attended at Upper Ventura River and is there social media presence? Executive Director Bondy mentioned that attendance at the Upper Ventura River GSA webinar was about high 30's to low 40's. He added that Mound Basin GSA has Facebook page on which the webinar is being advertised.

Director Chambers commented that the presentation looks well organized and wanted to know if the workshop would be recorded for those who missed the event? Executive Director Bondy deferred the question to Zachary Plummer. Mr. Plummer stated Zoom does have the capability to record meetings. Executive Director Bondy recommended that UWCD coordinate with the webmaster to post the recording to the website.

Chair Mobley mentioned that the agenda looks good and comprehensive, and staying around two hours is great. He is hoping the webinar will be well attended.

No further comments or questions by the Directors.

No public comment was offered.

No motion.

12. FUTURE AGENDA ITEMS

None were offered by the Directors.

ADJOURNED 3:15 PM

Chair Mobley adjourned the meeting at 3:15 PM to the **Mound Basin Stakeholder GSP Workshop** on **Thursday, September 3, 2020**, and to the next **Regular Board Meeting** on **Thursday, September 17, 2020**, or call of the Chair.

I certify that above is a true and correct copy of the minutes of the Mound Basin Groundwater Sustainability Agency's Board of Directors meeting of August 20, 2020.

ATTEST: _____
Susan Rungren, Board Secretary

ATTEST: _____
Jackie Lozano, Clerk of the Board



MoundBasin

GROUNDWATER SUSTAINABILITY AGENCY

UWCD Groundwater Model

Senior Groundwater Modeler

Jason Sun, PhD, PE

August 20, 2020



United Water

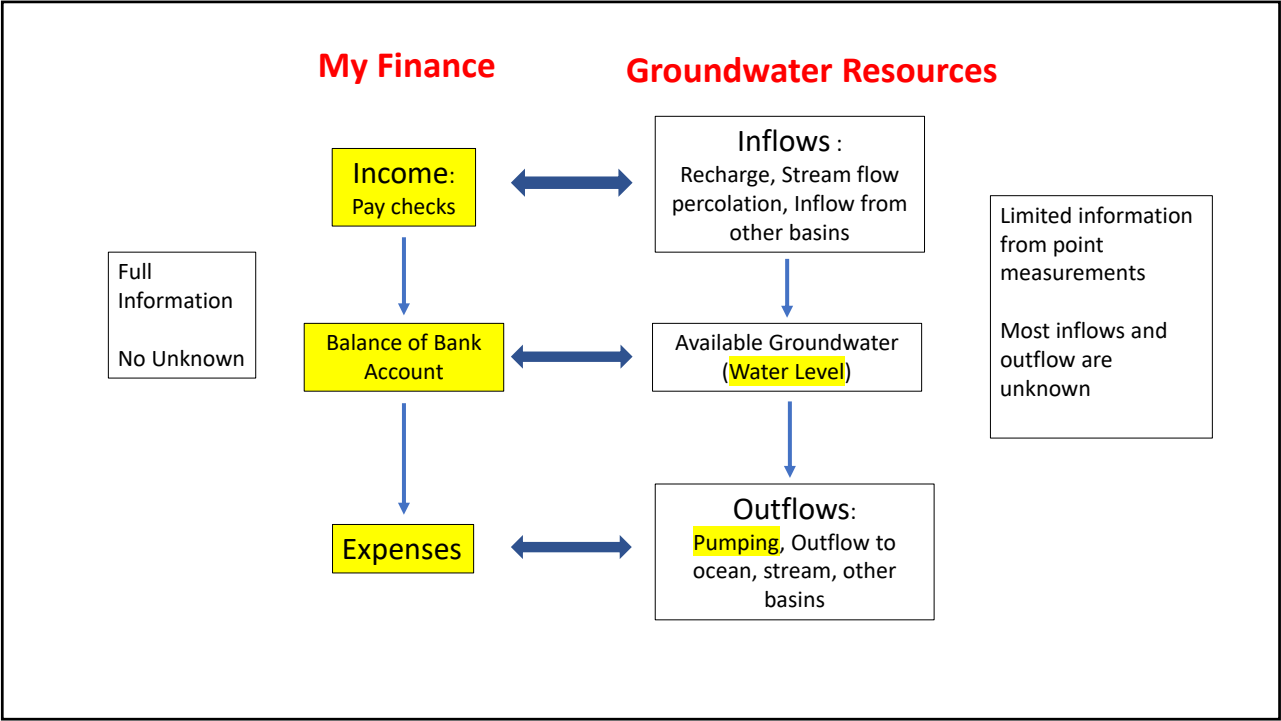
CONSERVATION DISTRICT

1

What is Groundwater Model

- A tool that can provide a chronologically detail information in quantities on the groundwater resources
- Provides the following key information:
 - Groundwater flows in and out of areas of concern over time
 - Groundwater level anywhere of interest over time
- Acts like an accounting software for a large organization as water resources is like finance

2



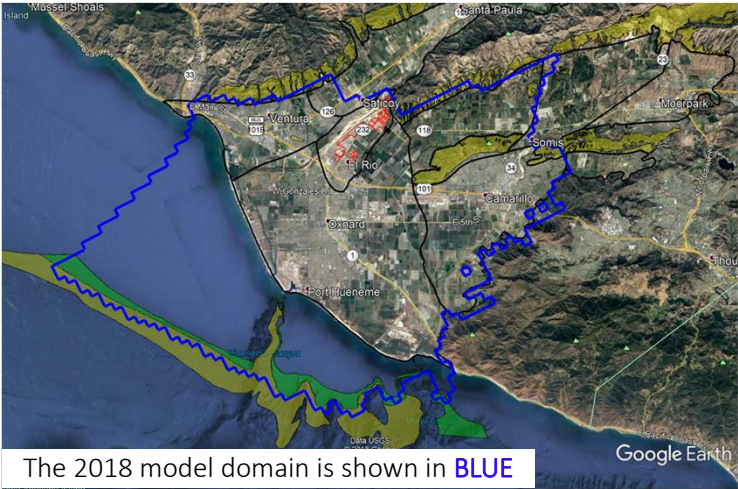
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Why Use Groundwater Model?

- Available data like water level and pumping are points over a vast area. A groundwater model can connect the dots based on good science to provide the following key information:
 - Provide the inflows and outflows (flow budget)
 - Simulate the water level in any place and any aquifer
- Predict the water level and inflows/outflows due to
 - Climate changes, future conditions, and rain fall patterns
 - Projects: imported water, conservation releases
 - Management decisions
- Support the analysis of GSPs including
 - Groundwater level at key areas for MT, MO
 - Environmental effects

4

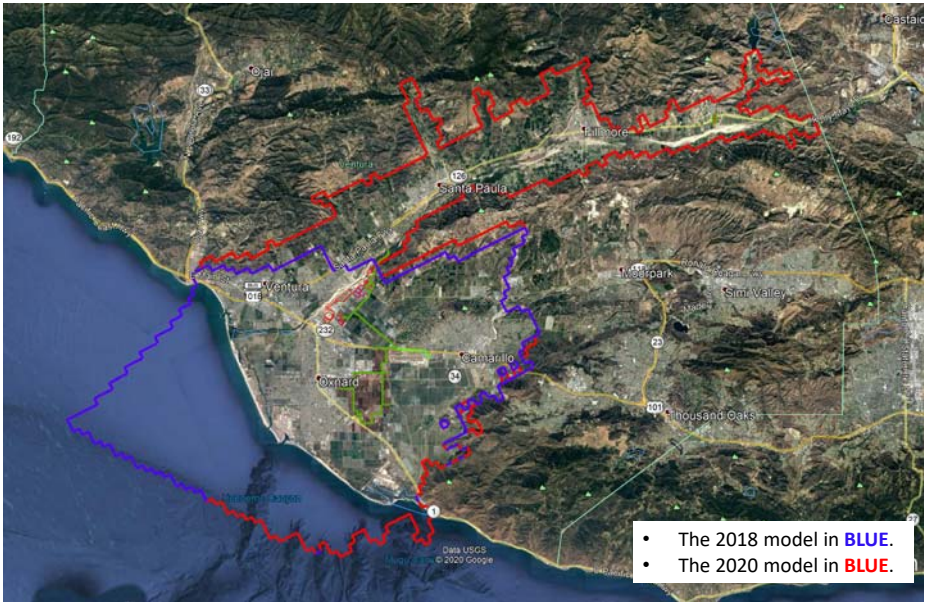
Model Development History



- Started in November 2013 for UWCD groundwater management
- After SGMA was passed in 2014, the UWCD Model was considered an ideal tool to support local GSAs
- UWCD released the GW model in 2018 and was used to simulate FCGMA's GSPs

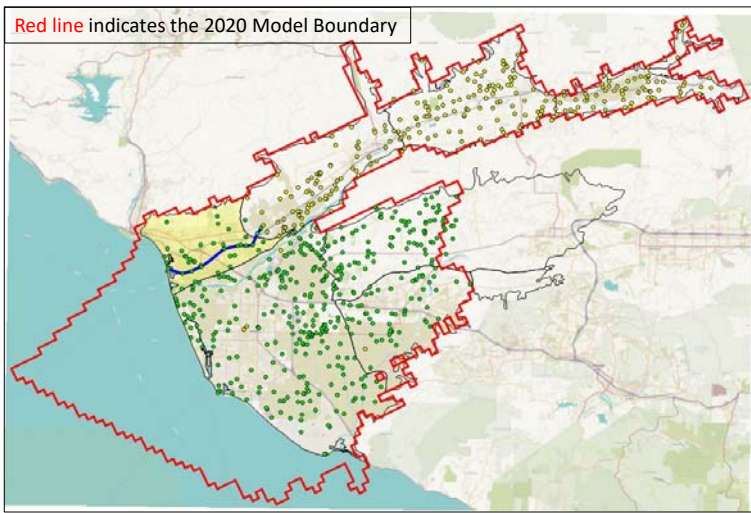
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Model Expansion



6

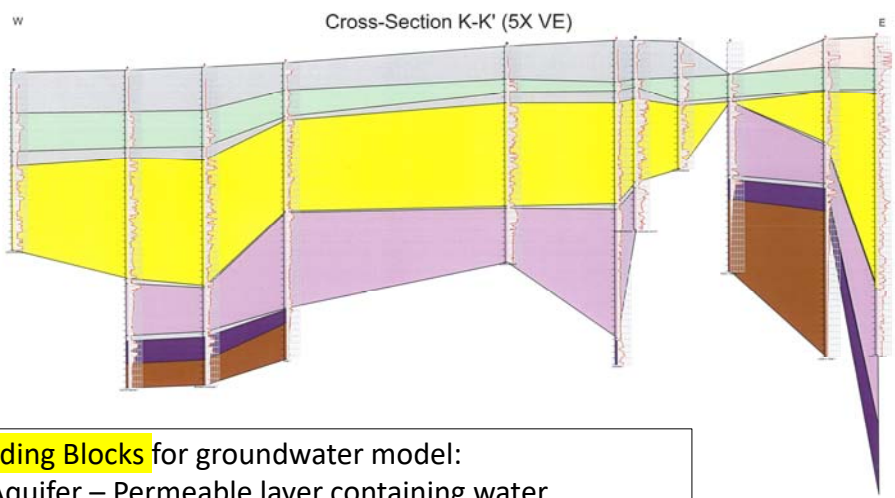
How to Build Groundwater Model (not out of thin air)



- Basis:
- Physical evidences (600+ well logs) on aquifers and aquitards
 - Observed data (water level, precipitation,...)
 - Flow measurements (pumping, stream flow)

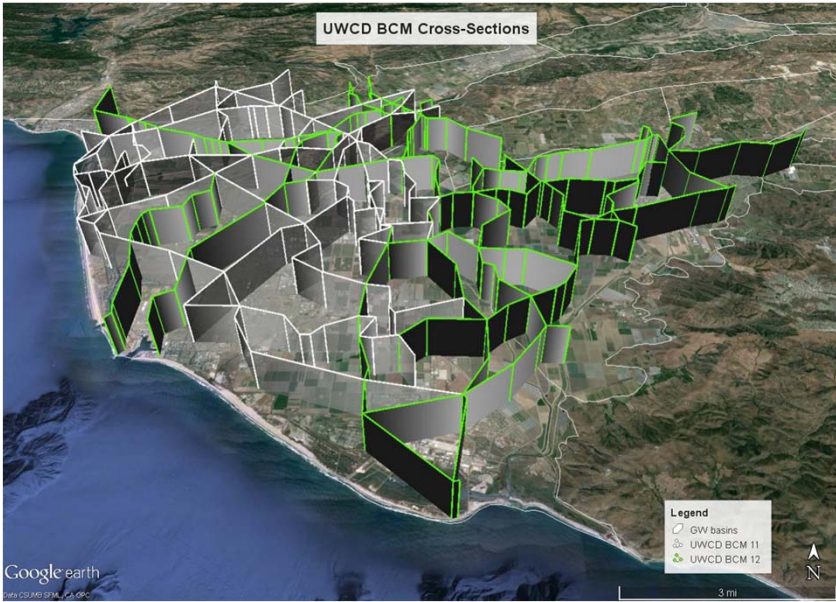
7

Sample Cross Section (physical evidence on aquifers and aquitards)



- Building Blocks** for groundwater model:
- Aquifer – Permeable layer containing water
 - Aquitard – Impermeable layer containing little water

8



UWCD BCM Cross-Sections

Google earth

Legend

- GW basins
- UWCD BCM 11
- UWCD BCM 12

3 mi

UWCD hydrogeologists created many cross sections to cover the whole model domain

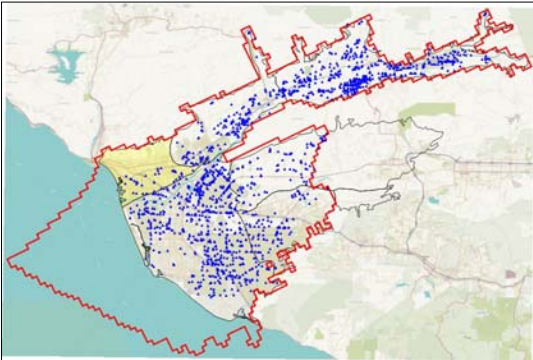
The groundwater model is constructed to resemble the physical aquifers and aquitards

The picture (left) is from 2017. More cross sections were added in Santa Paula, Fillmore and Piru basins

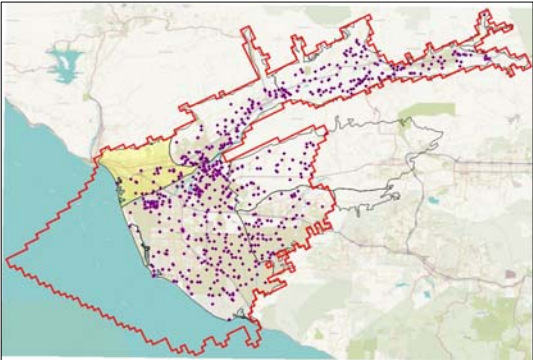
9

How to Build Groundwater Model

- Used known data (e.g. pumping records, stream flow). 40 pumping wells in Mound
- Calibrated to mimic observed groundwater level data. 35 wells in Mound

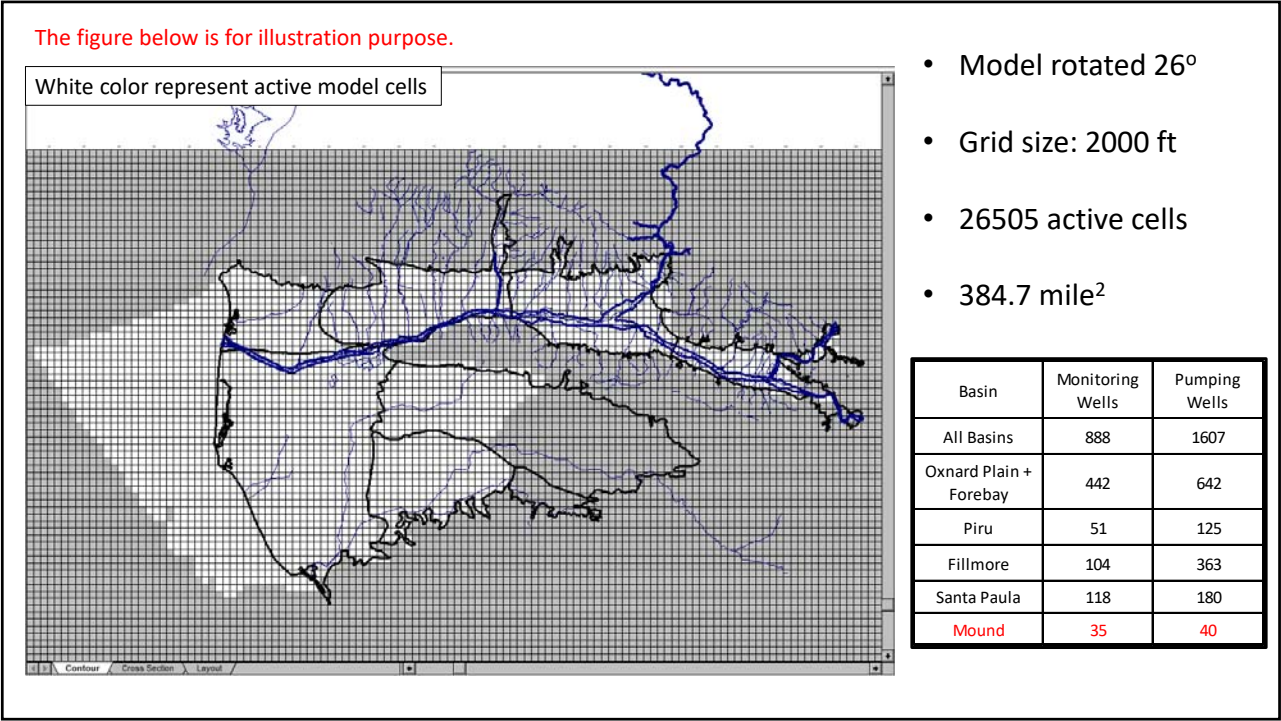


1607 Production wells



888 monitoring wells on groundwater level

10

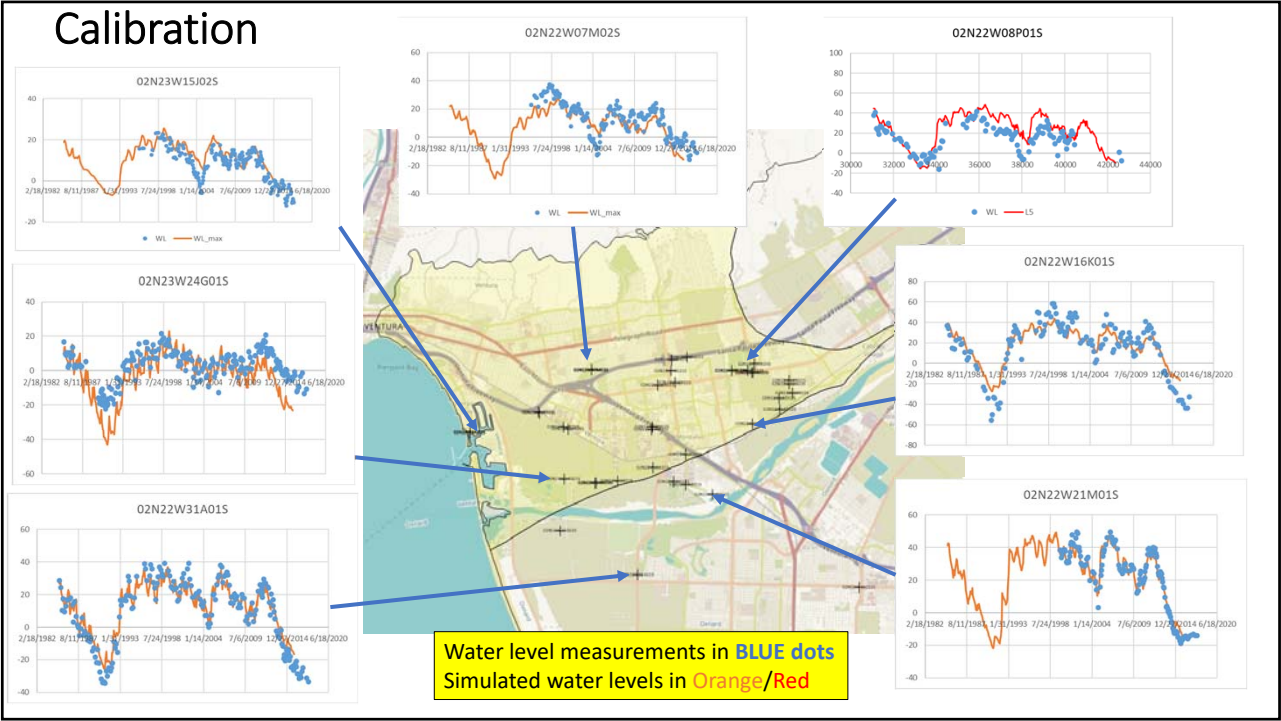


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UWCD Groundwater Model

- **MODFLOW-NWT** Version 1.2.0 – an open-source and well reviewed software developed by U.S.G.S.
- Grid size: 2000 ft by 2000 ft.
- Calibration period: 1985 to 2015 with daily time step. The CPU time is 100 minutes.
- **Pumping**: Ag and M&I usages
- **Streams**: Santa Clara River, Piru Creek, Hopper Creek, Pole Creek, Sespe Creek, Santa Paula Creek, UWCD conservation releases
- **Diversions**: Various diversions along Santa Clara River, Piru Creek, and Santa Paula Creek
- Surface water: Recharge from precipitation, Ag/M&I usages
- Tile Drains

12



13

Current Model Status

- The model has been reviewed internally by UWCD surface water hydrologists and hydrogeologists
- The 2020 groundwater model is being reviewed externally by an expert panel (Dr. Sorab Panday, Mr. John Porcello, and Mr. Jim Rumbaugh). The same panel has reviewed the UWCD groundwater model since 2017
- UWCD is addressing the review comments and finalizing the 2020 groundwater model
- UWCD is collecting the 2016-2019 data for model validation

14

Calibration, Validation, and GSPs

Scenario	Time Period
Calibration	1985 - 2015
Validation	2016 - 2019
GSPs	Assumed Future 50 years

- The calibration and validation are based on actual measurements
- The GSPs are based on **assumed** conditions. It is a **stress test** on the sustainability of groundwater resources
- GSPs may be revised/updated in the future

15

Conclusions

- The UWCD groundwater models (2018 and 2020 Models) are based on hard data (600+ well logs, numerous WL/pumping data)
- The UWCD models are built with an open-sourced and well-reviewed software (MODFLOW) developed by U.S.G.S. (**not a black box**)
- The UWCD models have been reviewed by top-notch modelers
- The UWCD model is built in-house and will be maintained by UWCD staff continuously

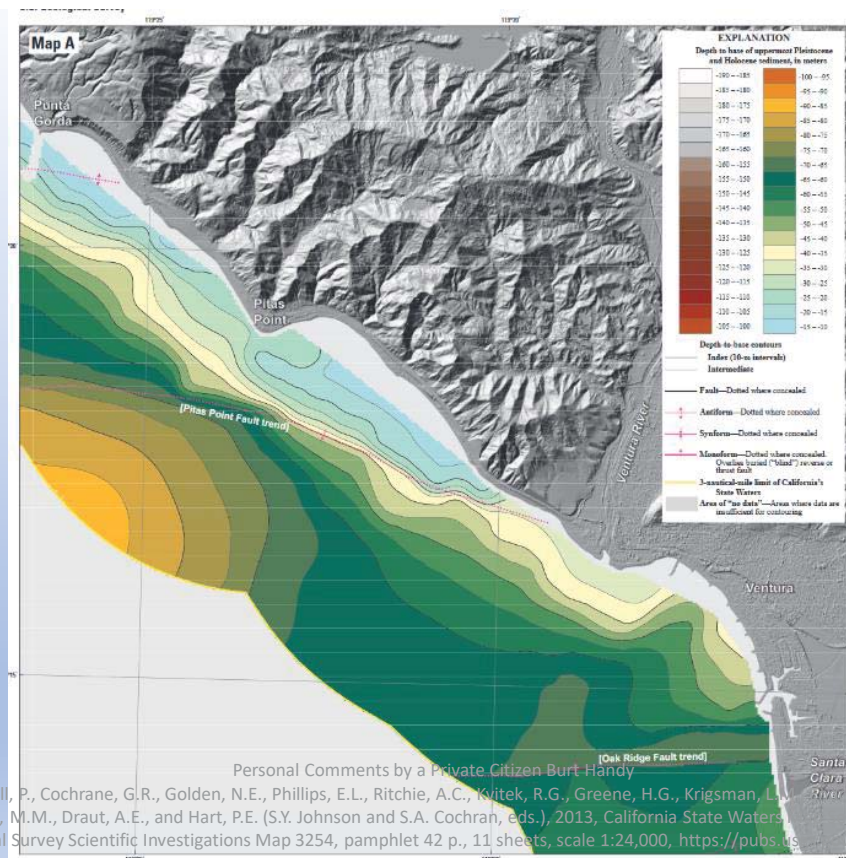
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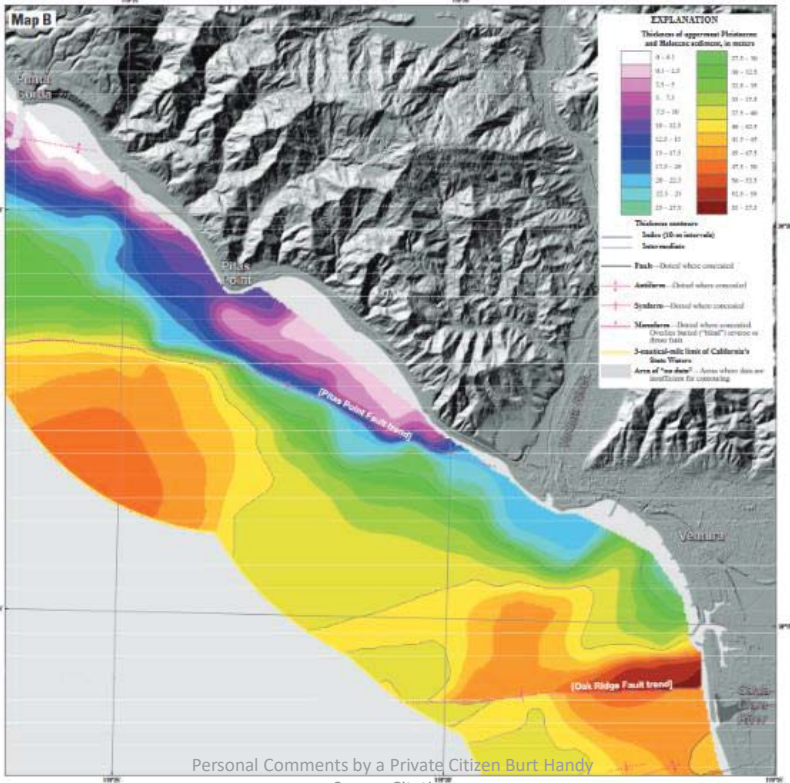
Questions/Comments

U.S. Geological Survey Scientific Investigations Map 3254 Off Shore Ventura

Personal Comments by a Private Citizen Burt Handy

Source Citation Johnson, S.Y., Dartnell, P., Cochrane, G.R., Golden, N.E., Phillips, E.L., Ritchie, A.C., Kvitek, R.G., Greene, H.G., Krigsman, L.M., Endris, C.A., Seitz, G.G., Gutierrez, C.I., Sliter, R.W., Erdey, M.D., Wong, F.L., Yoklavich, M.M., Draut, A.E., and Hart, P.E. (S.Y. Johnson and S.A. Cochran, eds.), 2013, California State Waters Map Series—Offshore of Ventura, California: U.S. Geological Survey Scientific Investigations Map 3254, pamphlet 42 p., 11 sheets, scale 1:24,000, <https://pubs.usgs.gov/sim/3254/>.

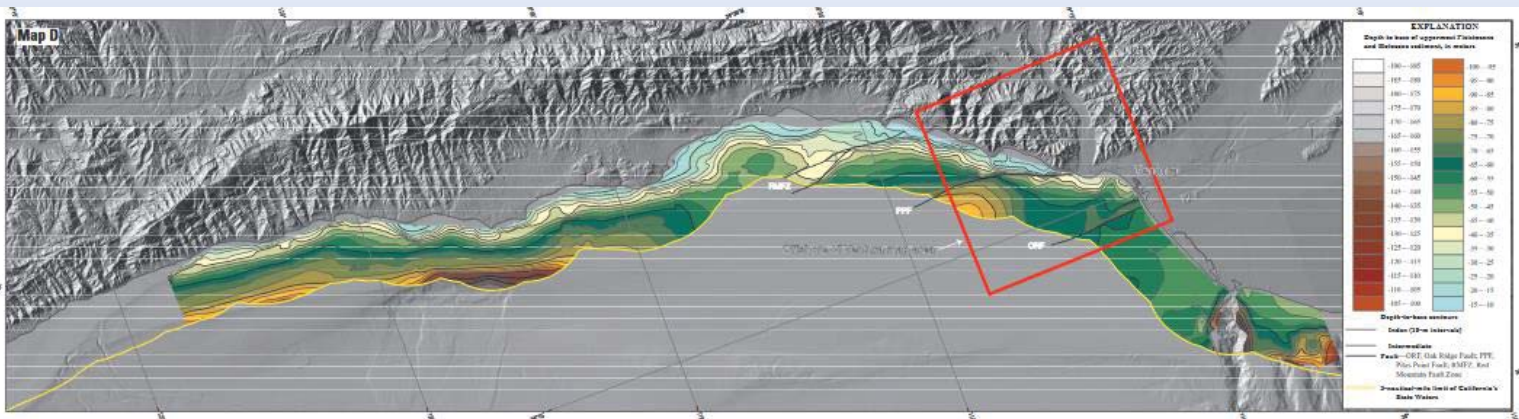




Personal Comments by a Private Citizen Burt Handy

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Johnson, S.Y., Dartnell, P., Cochrane, G.R., Golden, N.E., Phillips, E.L., Ritchie, A.C., Kvitck, R.G., Greene, H.G., Krigsman, L.M., Endris, C.A., Seitz, G.G., Gutierrez, C.I., Sliter, R.W., Erdey, M.D., Wong, F.L., Yoklavich, M.M., Draut, A.E., and Hart, P.E. (S.Y. Johnson and S.A. Cochran, eds.), 2013, California State Waters Map Series—Offshore of Ventura, California: U.S. Geological Survey



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3

Mound Basin Groundwater Sustainability Agency
Check Detail
September 10, 2020

Type	Num	Date	Name	Account	Original Amount
Bill Pmt -Check	11357	09/10/2020	Bondy Groundwater Consulting, Inc	10000 · Bank of the Sierra	-8,700.00
Bill Pmt -Check	11358	09/10/2020	insureCAL Insurance Agency	10000 · Bank of the Sierra	-1,945.00
Bill Pmt -Check	11359	09/10/2020	INTERA Incorporated	10000 · Bank of the Sierra	-6,012.00
Bill Pmt -Check	11360	09/10/2020	United Water Conservation District	10000 · Bank of the Sierra	-3,820.94
					-20,477.94



MoundBasin
GROUNDWATER SUSTAINABILITY AGENCY

MOUND BASIN GROUNDWATER SUSTAINABILITY AGENCY

Item No. 5(c)

DATE: September 17, 2020
TO: Board of Directors and Executive Director
FROM: Erin Gorospe, UWCD
SUBJECT: Monthly Financial Reports

SUMMARY

The Board will receive the monthly financial reports for the Mound Basin GSA.

INFORMATIONAL ITEM

UWCD accounting staff has prepared financial reports based on the Mound Basin GSA revenue and expenses for the month of August 2020.

BACKGROUND

FISCAL SUMMARY

Not applicable.

ATTACHMENTS

- A. August 2020 Profit/Loss Statement
- B. August 2020 Profit/Loss by Class
- C. August 2020 Balance Sheet

Mound Basin Groundwater Sustainability Agency
Profit & Loss Budget Performance
 July through August 2020

	<u>Jul - Aug 20</u>	<u>Annual Budget</u>	<u>Budget</u>
Income			
40001 · Groundwater Extraction Fees	-0.12	150,000.00	
41000 · Grant revenue			
41001 · State Grants	0.00	493,277.00	
Total 41000 · Grant revenue	0.00	493,277.00	
Total Income	-0.12	643,277.00	
Gross Profit	-0.12	643,277.00	
Expense			
52200 · Professional Services			
52240 · Prof Svcs - IT Consulting	0.00	494.00	
52250 · Prof Svcs - Groundwater/GSP Pre			
52252 · Prof Svcs - GSP Consultant	77,388.00	469,842.00	
Total 52250 · Prof Svcs - Groundwater/GSP Pre	77,388.00	469,842.00	16.47%
52270 · Prof Svcs - Accounting	2,245.85	15,000.00	14.97%
52275 · Prof Svcs - Admin/Clerk of Bd	2,723.92	12,500.00	21.79%
52280 · Prof Svcs - Executive Director	3,200.00	45,000.00	7.11%
Total 52200 · Professional Services	85,557.77	542,836.00	15.76%
52500 · Legal Fees			
52501 · Legal Counsel	855.50	35,000.00	
Total 52500 · Legal Fees	855.50	35,000.00	2.44%
53000 · Office Expenses			
53010 · Public Information	642.32	5,000.00	12.85%
53020 · Office Supplies	6.98	7,500.00	0.09%
53026 · Postage & Mailing	173.45	200.00	86.73%
53110 · Travel & Training	46.58	1,000.00	4.66%
Total 53000 · Office Expenses	869.33	13,700.00	6.35%
53500 · Insurance			
53510 · Liability Insurance	1,945.00	3,700.00	
Total 53500 · Insurance	1,945.00	3,700.00	52.57%
70000 · Interest & Debt Service			
70120 · Interest Expense	0.00	1,238.00	
Total 70000 · Interest & Debt Service	0.00	1,238.00	
Total Expense	89,227.60	596,474.00	14.96%
Net Income	<u>-89,227.72</u>	<u>46,803.00</u>	<u>-190.65%</u>

Mound Basin Groundwater Sustainability Agency
Profit & Loss by Class
July through August 2020

	A - Grant Administration	Task 03 - Stakeholder Outreach (C - Planning Activities)	Total C - Planning Activities	Task 04 - GSP Development (D - GSP Development)	Total D - GSP Development	Unclassified	TOTAL
Income							
40001 · Groundwater Extraction Fees	0.00	0.00	0.00	0.00	0.00	-0.12	-0.12
Total Income	0.00	0.00	0.00	0.00	0.00	-0.12	-0.12
Gross Profit	0.00	0.00	0.00	0.00	0.00	-0.12	-0.12
Expense							
52200 · Professional Services							
52250 · Prof Svcs - Groundwater/GSP Pre							
52252 · Prof Svcs - GSP Consultant	2,950.00	2,350.00	2,350.00	72,088.00	72,088.00	0.00	77,388.00
Total 52250 · Prof Svcs - Groundwater/GSP Pre	2,950.00	2,350.00	2,350.00	72,088.00	72,088.00	0.00	77,388.00
52270 · Prof Svcs - Accounting	1,147.13	0.00	0.00	0.00	0.00	1,098.72	2,245.85
52275 · Prof Svcs - Admin/Clerk of Bd	0.00	0.00	0.00	0.00	0.00	2,723.92	2,723.92
52280 · Prof Svcs - Executive Director	0.00	0.00	0.00	0.00	0.00	3,200.00	3,200.00
Total 52200 · Professional Services	4,097.13	2,350.00	2,350.00	72,088.00	72,088.00	7,022.64	85,557.77
52500 · Legal Fees							
52501 · Legal Counsel	0.00	0.00	0.00	0.00	0.00	855.50	855.50
Total 52500 · Legal Fees	0.00	0.00	0.00	0.00	0.00	855.50	855.50
53000 · Office Expenses							
53010 · Public Information	0.00	0.00	0.00	0.00	0.00	642.32	642.32
53020 · Office Supplies	0.00	0.00	0.00	0.00	0.00	6.98	6.98
53026 · Postage & Mailing	0.00	0.00	0.00	0.00	0.00	173.45	173.45
53110 · Travel & Training	0.00	0.00	0.00	0.00	0.00	46.58	46.58
Total 53000 · Office Expenses	0.00	0.00	0.00	0.00	0.00	869.33	869.33
53500 · Insurance							
53510 · Liability Insurance	0.00	0.00	0.00	0.00	0.00	1,945.00	1,945.00
Total 53500 · Insurance	0.00	0.00	0.00	0.00	0.00	1,945.00	1,945.00
Total Expense	4,097.13	2,350.00	2,350.00	72,088.00	72,088.00	10,692.47	89,227.60
Net Income	<u><u>-4,097.13</u></u>	<u><u>-2,350.00</u></u>	<u><u>-2,350.00</u></u>	<u><u>-72,088.00</u></u>	<u><u>-72,088.00</u></u>	<u><u>-10,692.59</u></u>	<u><u>-89,227.72</u></u>

Mound Basin Groundwater Sustainability Agency

Balance Sheet

As of August 31, 2020

	<u>Aug 31, 20</u>
ASSETS	
Current Assets	
Checking/Savings	
10000 · Bank of the Sierra	145,639.70
Total Checking/Savings	<u>145,639.70</u>
Accounts Receivable	
11000 · Accounts Receivable	113,526.02
Total Accounts Receivable	<u>113,526.02</u>
Total Current Assets	<u>259,165.72</u>
TOTAL ASSETS	<u>259,165.72</u>
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
20000 · Accounts Payable	20,477.94
Total Accounts Payable	<u>20,477.94</u>
Other Current Liabilities	
20001 · Advance from City of Ventura	55,000.00
20510 · Interest Payable	894.60
Total Other Current Liabilities	<u>55,894.60</u>
Total Current Liabilities	<u>76,372.54</u>
Total Liabilities	<u>76,372.54</u>
Equity	
32000 · Retained Earnings	272,020.90
Net Income	-89,227.72
Total Equity	<u>182,793.18</u>
TOTAL LIABILITIES & EQUITY	<u>259,165.72</u>



MoundBasin

GROUNDWATER SUSTAINABILITY AGENCY

Item No. 7

DATE: September 17, 2020
TO: Board of Directors
FROM: Executive Director
SUBJECT: Executive Director Update

SUMMARY

The following are updates on non-GSP matters since the last Board meeting.

1. Administrative: Jackie Lozano continued training to take over as Clerk of the Board.
2. Financial: Payments were received for six of the nine past due extraction fee invoices. Penalties and interest were not included in the payments. No request for waiver of penalties or interest has been received. The three remaining past due invoices total \$7,466.70 and were issued in March 2020 for the 2019-2 semi-annual period. Staff will send statements with the forthcoming 2020-1 period invoices, which will be sent in September. Invoices and statements for accounts with past due amounts will be mailed certified, return receipt.
3. Legal: Counsel advised staff concerning unpaid groundwater extraction fees.
4. Groundwater Monitoring Well – DWR Technical Support Services (TSS): On July 7, the City of Ventura Planning Department staff agreed to provide an application for MBGSA to complete for the monitoring well Coastal Development Permit. On July 30, the Executive Director followed-up with the City of Ventura concerning the permit application. No response was received. During the August 20 Board meeting, Director Rungren agreed to follow-up with City Planning Department staff. MBGSA staff has not received the application from the City as of September 5.
5. Correspondence: None.

INFORMATIONAL ITEM

Receive an update from the Executive Director concerning non-GSP matters since the previous board meeting.

BACKGROUND

Not applicable

FISCAL SUMMARY

Not applicable



MoundBasin

GROUNDWATER SUSTAINABILITY AGENCY

Item No. 8a

DATE: September 17, 2020
TO: Board of Directors
FROM: Executive Director
SUBJECT: GSP Stakeholder Workshop No. 1 Recap (Grant Category (c), Task 3)

SUMMARY

Groundwater Sustainability Plan (GSP) Workshop No. 1 was held on September 3 using a webinar format. This staff report summarizes insights gained from the workshop. Staff welcomes feedback concerning potential improvements for future GSP workshops.

Twenty-two attendees logged-in to the workshop. Sixteen (~73%) of the attendees remained logged-in for the entire duration of the workshop.

Poll participation ranged from 10 to 15 responses per question, with no clear trend.

The following potential conclusions can be made from the webinar poll responses:

1. E-mail and word-of-mouth appear to be the most effective means of communicating with MBGSA stakeholders and the general public.
2. Agricultural well owners/operators and other public agencies are currently the most engaged stakeholders. Participation by the general public and environmental interests was modest.
3. The participants have a good understanding of the Sustainable Groundwater Management Act and their interest level is moderately high.
4. In terms of framing the sustainability goals, the participants were most interested in managing groundwater to ensure water supply reliability for agriculture, municipal, and domestic beneficial uses and to control water costs. The participants were less concerned about environmental issues.
5. In terms of GSP components, the participants are looking forward most to the projects and management actions section of the GSP.

It should be noted that the above-listed potential conclusions may be biased due to the limited participation by the general public and environmental interests and the relatively low attendee poll participation.

Board member feedback during the webinar was focused on concerns about low participation. As a result, staff has reviewed the participation and offers the following observations and recommendations for consideration:

- Agricultural Interests: Agricultural interests appear to be well engaged. The Mound Basin Agricultural Water Group (MBAWG) collectively represents most of the agricultural interests in the Basin and has one of its members on the MBGSA Board of Directors. However, increased participation by individual agricultural entities is encouraged. It is recommended that Director Chambers carry that message to the members. The Agency could also consider offering to have staff make presentations at MBAWG meetings.
- Environmental Interests: Environmental interests are represented directly by Director Everts. However, increased participation by individuals with environmental interests is encouraged. It is recommended that Director Everts encourage more participation by his constituents. Additionally, staff could participate more directly in the Santa Clara River Watershed Committee, which has considerable participation by individuals with environmental interests.
- Municipal Interests: The City of Ventura is the only municipal pumper in the Basin. The City is a member agency and has a representative on the Board of Directors. No additional outreach to the City appears necessary.
- Industrial Pumpers: There are only two industrial water users in the Basin, Ivy Lawn Memorial Park and Saticoy Lemon Association Ventura Facility. Staff presented at an Ivy Lawn Memorial Park Board meeting in early 2020. Staff assumes the Saticoy Lemon Association is engaged via MBAWG, but this should be verified.
- General Public Participation: The residents in the Basin receive their water from City of Ventura. MBGSA recently partnered with the City to implement two outreach actions targeting the general public. First, the City published information about MBGSA in its July 2020 “Pipeline” newsletter. Secondly, the City is including a bill stuffer in its August/September water bills. In addition to these measures, Director Rungren agreed to add more information about MBGSA on the Ventura Water website.

Other measures that could be considered include, but are not necessarily limited to:

- Requesting an article in the Ventura County Star.
- Paying to “boost” the MBGSA Facebook Page.

Item No. 8a

Page 3 of 3

INFORMATIONAL ITEM

The Executive Director will summarize insights gained from GSP Workshop No.1.

BACKGROUND

Not applicable

FISCAL SUMMARY

Not applicable



MoundBasin

GROUNDWATER SUSTAINABILITY AGENCY

Motion Item No. 9a

DATE: September 17, 2020
TO: Board of Directors
FROM: Executive Director
SUBJECT: **GSP Monthly Update (Grant Category (c), Task 3 and (d), Task 4)**

SUMMARY

The following is a monthly status update on the Groundwater Sustainability Plan (GSP) and associated grant. An updated GSP development schedule is attached for discussion (Attachment A).

GSP Development:

1. GSP Status:

- a. Preliminary sustainable management criteria screening was presented to the Board in August.
- b. The sustainability goal is pending adoption by the Board (please see Item 9b).
- c. UWCD continued work on groundwater model development.
- d. MBGSA staff worked with UWCD and Fillmore-Piru GSA staff and consultants on developing consistent inputs for modeling future conditions (e.g. climate change assumptions, etc.).

2. Outreach:

- a. The comment period for the Sustainability Goal was extended through September 10. Interested parties were notified via e-mail and during GSP Stakeholder Workshop No. 1.
- b. GSP Workshop No. 1 was held on September 3.

3. GSP Development Schedule: The updated GSP Development Schedule is provided in Attachment A. The schedule was updated based on progress to date.

Sustainable Groundwater Planning (SGWP) Grant:

1. Invoices:

- a. Invoice No. 4 was approved by DWR on May 7, 2020. Payment in the amount of \$4,328 was received in August.
- b. Grant Progress Report and Invoice No. 5 were submitted to DWR on July 14. DWR has not yet completed its review. Payment in the amount of \$53,253 is expected this fall.

2. Grant Deliverables:

- a. Remaining grant deliverables include quarterly progress reports and invoices, final report, and the GSP. These deliverables will be submitted as they become due.

RECOMMENDED ACTION

Receive an update from the Executive Director concerning Groundwater Sustainability Plan development and associated grant and consider providing feedback or direction to staff.

BACKGROUND

None.

FISCAL SUMMARY

None.

ATTACHMENTS

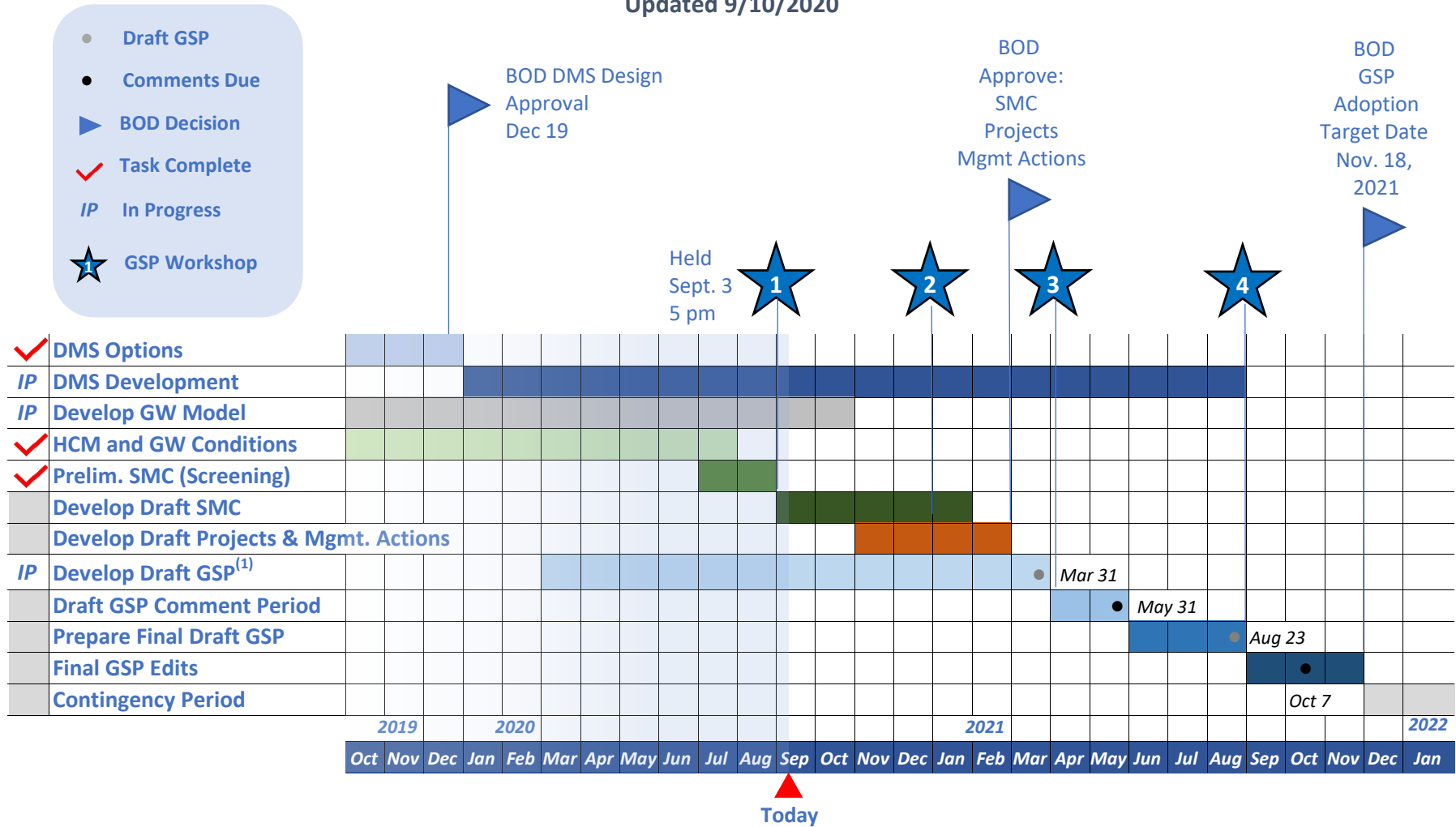
A. GSP Schedule

Action: _____

Motion: _____ 2nd: _____

J.Chambers: _____ C.Everts: _____ M.Mobley: _____ S.Rungren: _____ G.Shephard: _____

Mound Basin GSA GSP Development Schedule Updated 9/10/2020



Notes:

(1) GSP topics not listed above generally consist of background or supporting information and will be prepared concurrently with the above-listed tasks.

BOD = Board of Directors; DMS = Data Management System; HCM = Hydrogeologic Conceptual Model; GSA = Groundwater Sustainability Agency;

GSP = Groundwater Sustainability Plan; GW = Groundwater



Motion Item No. 9b

DATE: August 20, 2020
TO: Board of Directors
FROM: Executive Director
SUBJECT: Sustainability Goal (Grant Category (d), Task 4)

SUMMARY

During the July 16 meeting, the Board approved a draft sustainability goal for public comment release. On August 20, the Board provided comments on the draft sustainability goal and deferred action until the September 17 Board meeting to allow for additional outreach during GSP Stakeholder Workshop No. 1.

Outreach concerning the draft sustainability goal has included:

1. Discussion of the draft goal during the June 18 Board meeting;
2. Discussion of the draft goal during the July 16 Board meeting;
3. Posting the sustainability goal on the Agency's website;
4. Requesting comments from the interested parties list via e-mail;
5. Requesting comments in the Summer 2020 GSP Newsletter;
6. Discussion of the draft goal during the August 20 Board meeting;
7. E-mail to interested parties extending the goal comment timeframe to September 10;
and
8. Encouraging comments on the goal during GSP Stakeholder Workshop No.1.

No public comments have been received to date on the sustainability goal.

Staff has prepared a red-line of the draft sustainability goal based on Board member comments received during the August 20 meeting (Attachment A).

Staff recommends adopting the sustainability goal to provide policy guidance for development of the sustainable management criteria for the GSP.

RECOMMENDED ACTION

Approve the sustainability goal.

BACKGROUND

Not applicable.

FISCAL SUMMARY

Not applicable.

ATTACHMENTS

A. Draft Sustainability Goal

Action: _____

Motion: _____ 2nd: _____

J.Chambers: _____ C.Everts: _____ M.Mobley: _____ S.Rungren: _____ G.Shephard: _____

Item 9b

Attachment A

Draft Sustainability Goal

The goal of this Groundwater Sustainability Plan (GSP) is to sustainably manage the groundwater resources of the Mound Basin for the benefit of current and anticipated future beneficial users of groundwater and the welfare of the general public who rely directly or indirectly on groundwater. Sustainable groundwater management will ensure the long-term reliability of the Mound Basin groundwater resources by avoiding undesirable results pursuant to the Sustainable Groundwater Management Act (SGMA) no later than 20 years from GSP adoption through implementation of a data-driven and performance-based adaptive management framework. It is the express goal of this GSP to develop sustainable management criteria and plan implementation measures to avoid undesirable results for the applicable SGMA sustainability indicators by:

- 1. Using best available science and information, including consideration of uncertainty in the basin setting and groundwater conditions;*
- 2. Conducting active and meaningful stakeholder engagement;*
- 3. Considering potential impacts on the management of adjacent basins and, where necessary coordinating with adjacent basins; and*
- 4. Balancing economic, social, and environmental impacts and benefits associated with the all current and anticipated future beneficial users of groundwater, by considering:*
 - a. Water supply reliability for agriculture ~~enterprises and potable and~~ municipal and industrial users;*
 - b. Availability of alternative water sources for domestic groundwater beneficial users;*
 - c. Identifying and considering potential impacts to groundwater dependent ecosystems ~~and, where possible, opportunities to enhance those ecosystems;~~*
 - d. State, federal, or local standards relevant to applicable sustainability indicators;*
 - e. Feasibility of projects and management actions necessary to achieve proposed measureable objectives; and*
 - f. Economic impact of projects and management actions necessary to achieve proposed measureable objectives on all beneficial users, with special consideration of disadvantage communities and agricultural landowners ~~enterprises~~ lacking alternative land use options.*