

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

General Manager Mauricio E. Guardado, Jr.

Legal Counsel David D. Boyer

<u>AGENDA</u> WATER RESOURCES COMMITTEE Tuesday, October 6, 2020 at 9 a.m. UNITED WATER CONSERVATION DISTRICT Boardroom, 1701 N. Lombard Street, Oxnard CA 93030

Meeting attendees should be aware that the meetings of the Committee are, as required by law, open to the public and the District has very limited powers to regulate who attends Committee meetings. Therefore, attendees must exercise their own judgement with respect to protecting themselves from exposure to COVID-19, as the District cannot ensure that all attendees at public meetings will be free from COVID-19.

In addition to its public Water Resources Committee Meeting, people may choose to participate virtually using the Webex video conferencing application.

To participate in the Water Resources Committee Meeting via Webex, please click on this link: <u>https://unitedwaterconservationdistrict.my.webex.com/unitedwaterconservationdistrict.my/j.php?</u> <u>MTID=mf2d90370ecbe0b42b194c8543e567fc8</u>

Meeting number: 126 808 7595 Password: H2O1 (4261 from phones) Join by phone (audio only) call +1-408-418-9388 (toll rates apply) Access code: 126 762 5435

OPEN SESSION:

Committee Members roll call

1. Public Comment

The public may address the Water Resources Committee on any matter on the agenda or within the jurisdiction of the Committee. All comments are subject to a five-minute time limit.

2. Approval of Minutes - Motion

The Committee will review and consider approving the minutes from the September 2, 2020 Water Resources Committee meeting.

- **3.** Update on Groundwater Flow Model (30 minutes; Dr. Jason Sun and Dr. Zachary Hanson) The Committee will be updated on the applications of United's groundwater flow model, including model validation.
- Santa Felicia Dam Release and Diversions Update for Fall 2020 (20 minutes; Murray McEachron)
 The Committee will be briefed on the ongoing release from the Santa Felicia Dam and diversions

The Committee will be briefed on the ongoing release from the Santa Felicia Dam and diversions at the Freeman.

5. Coastal Brackish Treatment Project Update (10 minutes; Dr. Maryam Bral and Dan Detmer) Staff will provide updates on recent activities related to the Coastal Brackish project, including the first Technical Advisory Committee meeting as part of the DWR Prop1 requirements.



- 6. Water Resources Department Update The Committee will discuss the Department's recent activities and projects.
- 7. Groundwater Sustainability Agencies Update (15 min; Dan Detmer) The Committee will discuss recent activities of the Groundwater Sustainability Agencies (GSAs) within or adjacent to the District's service area.

FUTRE AGENDA ITEMS

ADJOURNMENT

Committee Members:

Edwin T. McFadden III, Chair Patrick J. Kelley Daniel C. Naumann

Staff:

Mauricio E. Guardado, Jr., General Manager Maryam Bral, Chief Engineer Dan Detmer, Supervising Hydrogeologist Dr. Jason Sun, Senior Hydrogeologist/Modeler John Lindquist, Senior Hydrogeologist Dr. Zachary Hanson, Hydrogeologist Kathleen Kuepper, Hydrogeologist Eric Elliott, Associate Hydrogeologist Murray McEachron, Principal Hydrologist Dr. Bram Sercu, Senior Hydrologist Robert Marshall, Water Resources Technician

The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participating 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 material in an alternative format, please contact the District's offices at (805) 525-4431. Notification of at least 48 hours prior to the meeting will enable the District to make appropriate arrangements.

Approved:

Mauricio E. Guardado, General Manager

Dr. Maryam Bral, Chief Engineer

Posted (Date): Friday, October 2, 2020 (time) ²p.m. At: UWCD Headquarters, 1701 N. Lombard Street, Oxnard, CA 93030 (attest) Eva Ibarra

Posted (Date): Friday, October 2, 2020 At: www.unitedwater.org (time) 2:15p.m.

(attest) Eva Ibarra



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General Manager Mauricio E. Guardado, Jr.

Legal Counsel David D. Boyer

MINUTES WATER RESOURCES COMMITTEE Wednesday, September 2, 2020 at 1p.m. UNITED WATER CONSERVATION DISTRICT Boardroom, 1701 N. Lombard Street, Oxnard CA 93030

Committee Members Present:

Director Michael Mobley (substituting for Edwin T. McFadden III) Patrick J. Kelley Daniel C. Naumann, serving as Chair in Director McFadden's absence

Staff Present:

Mauricio E. Guardado, Jr., General Manager Maryam Bral, Chief Engineer Dan Detmer, Supervising Hydrogeologist Eric Elliott, Associate Hydrogeologist Dr. Zachary Hanson, Hydrogeologist Eva Ibarra, Administrative Assistant II Kathleen Kuepper, Hydrogeologist John Lindquist, Senior Hydrogeologist Murray McEachron, Principal Hydrologist Zachary Plummer, IT Administrator Dr. Bram Sercu, Senior Hydrologist Kris Sofley, Executive Assistant Dr. Jason Sun, Senior Hydrogeologist/Modeler

Public Present:

Burt Handy

OPEN SESSION: 1:20p.m.

Director Naumann is serving as Chair of the meeting in Director McFadden's absence and Director Michael Mobley is substituting for Director McFadden. Director Naumann called the meeting to order at 1:20p.m.

Committee Members roll call

Director Kelley was participating virtually, Directors Mobley and Naumann were in attendance in the Boardroom.

1. Public Comment

Chair Naumann asked if there were any public comments for the Water Resources Committee; none were offered.

2. Approval of Minutes - Motion



Motion to approve the June 30, 2020 Water Resources Committee meeting, Director Kelley, Second, Director Naumann. Roll call vote: two ayes (Kelley, Naumann); none opposed; one abstaining (Mobley). Motion carries 2/0/1.

3. Update on Groundwater Flow Model (30 minutes; Sun)

UWCD's Senior Hydrogeologist and Modeler Dr. Jason Sun presented an updated on the District's groundwater flow model (see attached slide presentation). Dr. Sun reported to the Committee that the in late July/early August, he implemented a daily time step instead of the monthly time step that had been used. Although it took awhile to convert to the daily time step, Dr. Sun reported that the model now captures more nuances of the release. Dr. Sun also reported that the external model review has been completed and the panel of experts said the model calibration to both heads and stream flows is very good. He explained that if you compare ratings to grades, for example, an adequate rating is equivalent to a C or average grade; a good rating is equivalent to a B grade; and a very good rating is like getting an A. He added that the expert panel also said that "the UWCD team should feel proud of the current model."

Dr. Sun reported that the expansion of the model was completed in August 2020, and that is in keeping with Dr. Sun's promise to the Board. He said that the model, in its present form, covers all system processes utilized within the District's boundaries. He explained that the characteristics of a good model are: Built on credible, open-sourced, well-reviewed software (MODFLOW-NWT) developed by U.S.G.S.; based on hard data (600 plus wells); updated and maintained by UWCD staff.

Dr. Sun then showed various hydrographs demonstrating how water in each of the different basins behaves differently, as well as the water in shallow wells and deep wells, and that all of these complexities are able to be simulated fairly accurately by the United model. Going forward, Dr. Sun said that model validation would continue as calibrations and new data input would be used to ensure the model mimics these new measurements. Dr. Sun said he believes this is the best model possible, possibly the best work of his whole career, and that he hopes the Board and management take pride in this model.

Director Kelley addressed Dr. Sun and said that it is apparent that Dr. Sun takes great pride in simulating data and that thanks to Dr. Sun's passion and accuracy, developing the model to his satisfaction, and with the assistance of the Water Resources team, the District's groundwater model is a true complement to Dr. Sun's work.

Acting Chair Naumann asked Dr. Sun if he could prepare a synopsized or general overview of the presentation to share with the full Board at its next board meeting. UWCD's Principal Hydrologist Murray McEachron addressed the board saying that Dr. Bram Sercu was a big assist, pushing Dr. Sun to get the best calibration possible

4. Santa Felicia Dam Release and Diversions Update for Summer 2020 (20 minutes;

McEachron)

Mr. McEachron shared a presentation with the Committee (see attached) showing the levels of Lake Piru over the past 30 years as well as images from past releases that show how the water, when released during favorable channel conditions, will stay in the center of the riverbed and not spread out wide. This helps to get more water to the Freeman Diversion. Mr. McEachron said that the intent for this year's release was to start the release at 300 cfs and then reduce the volume



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to maintain a 100 cfs flow at the Freeman Diversion. But the releases started at a lower volume due to sediment and algae issues at the Freeman. The release will extend over a longer period and is still cutting a nice channel which increases efficiencies and enables the District to maintain the 100 cfs at the Freeman through November. This will be very beneficial in meeting the demand on the Oxnard Plain and makes it possible to increase surface deliveries.

Director Mobley asked if the hot weather causes the flows to go slower and Mr. McEachron replied that the heat has not really had an impact on the flows. Mr. Guardado jokingly added that Mr. McEachron always proves him wrong and then said that this has been a great example of United's team effort and praised the work of Environmental Services, Operations and Maintenance and Water Resources, all working together to resolve issues like sediment and algae while maximizing the benefits of the release. He also encouraged the staff to keep proving him wrong.

Director Kelley asked Mr. McEachron about the narrower release flow and whether that has any impact on the percolation rate for the upper basins. Mr. McEachron said that was a good question and replied that there is less percolation than normal for the wider track, and that the time of the release – adjusting the flow by duration and flow rate has shown that the lower or less volume of the release rate benefits the Fillmore and Piru basins and the higher volume release rate gets more water to the Freeman Diversion. Director Kelley asked about the difference between what was forecasted and what has been delivered and what accounts for the difference. Mr. McEachron said the difference in the percolation at the upper basins. He explained that staff monitor the release and estimate the percolation benefits to the Fillmore, Piru and Santa Paula basins.

Director Naumann congratulated staff and said this is all great news and that he'd like to bring some of the pumpers out to the Freeman to witness this and hear the story first hand about how this is benefitting the basins and making surface deliveries possible. Mr. Guardado agreed, saying staff would start scheduling meetings now. Director Naumann added that Board members should be invited to attend with the different members of the GSAs. Director Kelley said that he has a meeting next week with the Santa Paula Basin group and he imagines the information will be well received.

5. Water Resources Department Update

Mr. Detmer reported to the Committee that staff has been busy working on various modeling efforts with the GSPs, specifically the Fillmore and Piru Basins GSA on its GSP development, including a water budget memo and a data gaps memo in conjunction with Daniel B. Stevens and Associates. Staff is preparing record sets for UWCD and FCGMA pumping for the entire model domain including areas of the West Las Posas basin outside of United boundaries. GSAs are forecasting future water needs and have identified two areas of interest. John Lindquist and Kat Kuepper are working with the Mound Basin GSA and the Fillmore and Piru Basins GSA is a bit behind the Mound Basin but is moving forward on forecasting and speculating on future pumping, land use, construction and other future conditions. DWR requires forecasting 20 to 50 years forward. Both the Mound Basin GSA and FPBGSA are anxious to use the model, so it is a busy period but staff is on track.

Director Naumann asked where the science comes from for DWR's guidelines of 50 plus years. Mr. Detmer said that it is a 50-year span, any 50-year span, and DWR does not say which climate period to use. DWR climate change factors for Southern California and years 0-20 and then 21-50 adjust to historic rainfall records. Director Naumann said we are lucky to have 60 years of



information. Mr. Detmer agreed and stated that the District has pumping records back to 1979, Fox Canyon GMA goes back to 1985 and there is also extensive stream gauge and rainfall records benefitting long term calculations and puts the District in a good position to calibrate its model. Mr. Detmer added that the GSPs are due January 2022 and by next summer the plans will be substantially complete with public comment in the spring and summer and then final preparation in Fall 2021. There will be measurable objectives, minimum thresholds for water levels, quality, groundwater dependent ecosystems, etc. He said that preliminary modeling runs may be used to guide sustainability discussions and the GSAs are encouraging significant public input regarding the goals for the GSAs. The model verifies how well the plan meets the goals and is a more efficient process in determining realistic goals and objectives. Staff is acutely aware of the challenges on the Oxnard plain, which is below minimum thresholds for the time being. Now the Santa Clara valley basins are completing this process.

Mr. Detmer updated the committee on staff's interaction with the US Navy, which has previously investigated confinement and aquifer properties in the Mugu area. The State has designated their representatives for the technical advisory committee. There will be additional model refinement efforts through fall 2020, examining the Oxnard aquifer as a single unit vs. two or three successive layers, and likewise for the Mugu aquifer. Mr. Detmer said that past studies considered passive flow with downward gradients. Flow conditions under project pumping conditions will be simulated in the modeling work to come.

6. Groundwater Sustainability Agencies Update

Mr. Detmer provided an update on the various GSAs, beginning with the Fox Canyon GMA. He reported that at its recent board meeting, Fox Canyon confirmed the allocation for the Las Posas basins and that staff is paying attention to the allocation proposal presented by Las Posas Valley users. Staff has also been participating in the Core Stakeholder facilitation meetings which has been a lot of review and agreement so far, and are now starting to talking through disagreements. The District also declined to participate in the group's legal subcommittee, which is advising the larger stakeholder group. The new Allocation Ordinance goes into effect on October 1, 2020 and no one knows what to expect. Ag pumpers are asking for a one-year extension and this may be addressed at the Fox Canyon GMA October board meeting. A Variance committee has been seated but have not had its first meeting yet and staff has not communicated to the Board. Director Mobley added that the meeting has been pushed back to January and the implementation of compromises with pumpers has also been discussed, but some Board members are adamantly opposed to that. Mr. Detmer said that some 24,000 acre-feet of adjustments have been requested, mostly due to non-reporting or under-reporting. United is helping Port Hueneme Water Agency with a variance request because of an equipment failure which resulted in a reduction of usage. A large volume not reported would impact the model but unreported pumping is a likely a relatively small issue. In 2018/19 some thought there was significant under-reporting, but that was not the case, rather it was due to rainfall patterns in 2019. Many smaller storms offset irrigation demand rather than an under or non-reporting situation.

Fillmore and Piru Basin GSA, as mentioned earlier, are working on water budgets, identifying data gaps and is coordinating with the Santa Clarita Valley Water Agency GSA on groundwater flow models and sharing data files. The county line, according to DWR and SGMA, cuts near the Newhall Ranch area and is not quite on the natural hydrologic divide. Staff is working to simulate recharge processes in Los Angeles County and the Piru Basin and hopes to use an existing flood



flow model developed by Ventura and LA Counties and the Bureau of Reclamation for the forward model.

Director Naumann asked if there were any additional comments or questions. None were offered.

FUTRE AGENDA ITEMS

Director Naumann asked if there were any topics for discussion at future committee meetings. Again, none were offered.

ADJOURNMENT 2:41p.m.

Director Naumann adjourned the meeting at 2:41 p.m.

I certify that the above is a true and correct copy of the Minutes of the UWCD Water Resources Committee Meeting of September 2, 2020.

Director Daniel C. Naumann, (substituting for Chair McFadden)



Update on Groundwater Flow Model

Senior Groundwater Modeler Jason Sun, PhD, PE September 2, 2020

































Future Activities

- The 2020 UWCD Model:
 - Address the comments from the expert panel and hydrologists
 - Perform the model validation (2016 to 2019)
 - Support the GSP studies by Mound GSA and Fillmore & Piru GSA
 - Perform the sensitivity analysis and uncertainty analysis
 - Produce the model documentation
- The 2018 UWCD Model:
 - The brackish water project (Prop 1 Grant)



























Staff Report

То:	UWCD Water Resources Committee
Through:	Mauricio E. Guardado, Jr., General Manager
From:	Maryam Bral, Chief Engineer Dan Detmer, Supervising Hydrogeologist
Date:	September 30, 2020 (prepared for October 6, 2020, meeting)
Agenda Item:	6. Monthly Water Resources Department Report <u>Information Item</u>

Staff Recommendation:

Receive a summary report on various Water Resources departmental activities.

Discussion:

(In accordance with County and State guidance during the Covid-19 pandemic, a majority of staff worked from home. To facilitate communications and coordination, a daily conference call was held each Monday and Thursday morning using Microsoft Teams; this has proven to be an effective way of coordinating departmental activities and moving all projects and programs forward. In instances where work in the field or office was required, County guidance for social distancing and safety procedures were followed. Also, staff maximized the use of teleconferencing using Microsoft Teams and other teleconferencing products)

Staff Activities

In addition to the Department's routine, ongoing groundwater monitoring and reporting program and its support of groundwater sustainability agencies (summarized in a separate staff report), notable efforts and activities conducted by staff during the past month included the following:

- Groundwater modeling:
 - Staff has expanded the active domain of United's numerical groundwater flow model to incorporate the Piru, Fillmore and Santa Paula basins. The model is now calibrated to observed groundwater elevations and surface water flows in the basins within District boundaries. Staff has nearly completed compiling and processing pumping, water level, stream flow and diversion records for the years 2016-2019 and are preparing to update the model and confirm calibration holds for these recent years.

- Staff is working Ventura County Watershed Protection District staff to use their existing surface water flow model to simulate runoff from the upper Santa Clara River watershed for future model runs in support of area Groundwater Sustainability Agencies.
- Staff has received additional boring information for the Mugu area from the US Navy and has generated additional geologic cross sections in the area of the proposed brackish water treatment project. Staff hosted the first Technical Advisory Committee for the Prop 1 Grant, providing an overview of the proposed project and a summary of what is known about the degree of Oxnard aquifer confinement in the Mugu area. Following revisions to the geologic mapping the flow model will be revised as well.

- Staff continue to help the Environmental Services Department (ESD) evaluate effects of existing and potential future surface-water flow conditions at the Freeman Diversion.
 - Staff are assisting ESD in evaluating fish passage modifications under consideration for United's Habitat Conservation Plan (HCP).
 - The District's Principal Hydrologist prepared a summary of CA Department of Fish and Wildlife involvement in the permitting and operation of the Freeman Diversion, which demonstrated continuous engagement between United and that agency since the time the facility was designed and constructed.
- Staff continues to assist with planning and coordination for release of Table A water and supplemental State Water Project water acquired from the Santa Clarita Valley Water Agency and the City of San Buenaventura.
- Staff coordinated efforts with the Engineering Department and United's consultant (Kennedy-Jenks) to evaluate opportunities for recharging recycled water from the City of Ventura in the Forebay.
- Staff are analyzing sediment load at the Freeman Diversion and removal options for accumulated sediment from the desilting basin.
- Staff led or participated in the following public outreach activities:
 - Staff engaged in several phone conversations related to groundwater sustainability, FCGMA allocation ordinance, and conjunctive use strategies and operations.
- Staff participated in the following educational activities:
 - Several staff attended portions of the Groundwater Resources Association of California's (GRAC) 2020 Western Groundwater Congress (conference), which was held online this year in a virtual format. Staff found presentations on groundwaterdependent ecosystems, geophysical methods for estimating subsidence, and modeling methods to estimate basin sustainable yields to be particularly informative. In addition, United's Kathleen Kuepper gave a presentation on alternatives for

Agenda Item:6.Monthly Water Resources Department ReportInformation Item

optimizing yield from groundwater basins, using the Oxnard basin as an example, at the Congress.

 On September 30 Murray McEachron and Dr. Bram Sercu presented "United Water Conservation District's Water Releases, and Sediment Management Activities" for the monthly AWA/CCWUC Educational Program.



Staff Report

Agenda Item:	7. Update on Groundwater Sustainability Agencies (GSAs) and Sustainable Groundwater Management Act (SGMA) <u>Information Item</u>
Date:	September 30, 2020 (prepared for October 6, 2020, meeting)
From:	Maryam Bral, Chief Engineer Dan Detmer, Supervising Hydrogeologist
Through:	Mauricio E. Guardado, Jr., General Manager
To:	UWCD Water Resources Committee

Staff Recommendation:

Receive a summary report of Water Resources Department activities related to the Sustainable Groundwater Management Act (SGMA) and Groundwater Sustainability Agencies (GSAs) for the groundwater basins within District boundaries.

Discussion:

Fox Canyon Groundwater Management Agency (FCGMA)

Staff continue to monitor and, where appropriate, participate in the FCGMA's groundwater sustainability planning and implementation efforts, as follows:

Board of Directors meetings -

The FCGMA Board held a special meeting online on September 11. The sole regular agenda topic for this meeting was "Consideration of Modification of Surcharge Assessment during the First Year of the New Allocation Ordinance for the OPV Basins." The Board considered a staff proposal to not assess planned surcharges under the new allocation ordinance in water year 2021 for pumpers that do not exceed their previous year's pumping allocation. The Board directed staff to return with modifications to the allocation ordinance relaxing the assessment of surcharges for water year 2021 as recommended by staff.

The FCGMA Board held a regular meeting on September 23. Notable topics included:

• The Board received a presentation from Gina Bartlett of the Consensus Building Institute (CBI) summarizing progress and status of the facilitated process for the Oxnard and

Agenda Item:7.Update on Groundwater Sustainability Agencies (GSAs) and
Sustainable Groundwater Management Act (SGMA)

Information Item

Pleasant Valley basins. She reported that the Core Stakeholder group wishes to manage the basins within the FCGMA boundaries collectively, rather than individually.

• The Board was scheduled to receive information from staff regarding the process for increasing the FCGMA's sustainability fees (extraction charges). Staff informed the Board at the meeting that the State had not yet provided feedback that would help determine the process. No further discussion occurred.

The next regular FCGMA Board meeting is scheduled for October 28 at 1:30 pm.

Core Stakeholder Group meetings -

The OPV Core Stakeholder Group held virtual meetings (#5, #6, and #7) on September 1, 15, and 29. United staff gave presentations to the group on the regional groundwater flow model and potential basin-yield-optimization scenarios. The group planned to focus in the coming months on developing potential water-supply projects, with support of the Projects Committee. The group also agreed that the Oxnard, Pleasant Valley, and West Las Posas basins were interconnected and should be managed collectively to the extent possible, although details regarding the meaning of "collective management" have yet to be worked out, considering that each basin has a distinct GSP and adjudication of the Las Posas Basin is in progress.

The Projects Committee of the OPV Core Stakeholder Group held virtual meetings (#1 and #2) on September 10 and 24. To date, the Project Committee has reviewed projects proposed by United and other stakeholders in the FCGMA's GSP develop process for the Oxnard and Pleasant Valley basins. In the coming weeks, the Projects Committee will explore any new project ideas proposed by members, then shift to preliminary analysis of which projects are worth advancing to the next phase of evaluation, which would likely include modeling of their effects on basin yield.

United has elected to participate in the Legal Ad Hoc Committee, and participated in the September 30 meeting.

Fillmore and Piru Basins Groundwater Sustainability Agency (FPBGSA)

Staff continue to participate in FPBGSA activities supporting SGMA compliance and GSP preparation for the Fillmore and Piru basins, as follows:

Board of Directors meetings – The FPBGSA held a regular Board meeting on September 17. Notable topics included:

- Board discussion related to unpaid pump charges as required by the GSA. It was suggested that large unpaid balances can potentially be referred to the county tax collector, and FPBSA counsel will explore that possibility.
- Agenda planning for Stakeholder Workshop #2, including agenda to focus on Sustainable Management Criteria (SMCs) and if mailings will be used to provide notice of the October 1 meeting.

Agenda Item:7.Update on Groundwater Sustainability Agencies (GSAs) and
Sustainable Groundwater Management Act (SGMA)

Information Item

• An update from the SMC ad hoc committee and general discussion of undesirable results related to declining groundwater elevations, water quality (chloride sourcing from Los Angeles County), and land subsidence (differential vs. uniform, potential impacts to gravity drainage systems, various causes for land subsidence).

The next FPBGSA Board meeting is scheduled for October 15 at 5:00 pm.

Communication and Outreach – A Stakeholder Workshop is scheduled for October 1. The meeting will be conducted via teleconference and will discuss potential sustainable management criteria for the Fillmore and Piru Basins.

GSP preparation – Consultant DBS&A reported progress on various work products in support of GSP development and noted the availability of a web-based data management and mapping system that includes well construction information and available water level and water quality records for wells within the Piru and Fillmore basins.

Modeling – Staff have completed the hydrostratigraphic conceptual model for the Santa Paula, Fillmore, and Piru basins, and have completed calibration of the active domain of United's numerical groundwater flow model for the base period 1985-2015. Staff has compiled records to update and validate the model for the years 2016-2019 and that work is now underway.

Mound Basin Groundwater Sustainability Agency (MBGSA)

Staff continue to participate in MBGSA activities supporting SGMA compliance and GSP development for the Mound basin, as follows:

Board of Directors meetings –

The MBGSA held GSP Stakeholder Workshop No. 1 on September 3. The focus of the workshop was to inform stakeholders of the conceptual model for groundwater flow being developed for the basin, and to share available information on historical and present-day groundwater conditions in the basin.

The MBGSA held a regular Board meeting on September 17. Notable topics included:

- MBGSA continues to pursue installation of monitoring wells through DWR's Technical Support Services (TSS) grant program for GSP development and Implementation. Executive Director, Bryan Bondy provided an update on the progress, stating he had received an application from the City of Ventura Planning Department for MBGSA to complete for the monitoring well Coastal Development Permit. Time remaining to submit a complete grant application is limited, and the MBGSA is working with the City on the coastal development permit for the preferred monitoring-well location.
- Executive Director Bondy summarized the level of participation and what was learned from poll results taken during the September 3 Stakeholder Workshop No. 1. He further

Agenda Item:7.Update on Groundwater Sustainability Agencies (GSAs) and
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Information Item

discussed participation of each interest group and recommendations to increase public engagement.

- MBGSA staff is working with UWCD and Fillmore-Piru GSA staff and consultants on developing consistent input for modeling future conditions. Mr. Bondy introduced some of the assumptions, including hydrologic time period, climate change, trends in agricultural and municipal pumping, and land use.
- The draft Sustainability Goal for Mound Basin was reviewed and adopted by the Board with minor edits.

GSP preparation – United staff continue to compile and review data to support preparation of the Mound basin GSP, in general accordance with United's agreement with the MBGSA. United staff continue to meet or correspond periodically with the MBGSA Executive Director Bondy and GSP consultant (Intera) to coordinate GSP planning and preparation efforts.

The next regular MBGSA Board meeting is scheduled for October 15 at 1:00 pm.

Santa Paula Basin Technical Advisory Committee (TAC)

Staff continue to participate in the Santa Paula basin TAC in support of the Santa Paula Basin Judgment and in conformance with SGMA reporting requirements for adjudicated basins, as follows:

- The Santa Paula Basin Annual Report for 2019 was finalized for submittal.
- The TAC meeting scheduled for June 2020 has been postponed for later in the year; a specific date and time have not been selected yet. It is anticipated that the Technical Working Group of the TAC will meet prior to the next TAC meeting, to discuss the current status of United's groundwater flow model expansion and how the effectiveness of the proposed yield-enhancement measures might be forecasted using the model. The Technical Working discuss "Triggers" Group is also expected to the proposal/memorandum at an upcoming meeting.