



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

General Manager
Mauricio E. Guardado, Jr.

Legal Counsel
David D. Boyer

MINUTES **REGULAR BOARD MEETING**

Wednesday, January 16, 2019, 12:00 P.M.
Board Room, UWCD G.I. "Irv" Wilde Headquarters
106 North 8th Street, Santa Paula, California

BOARD OF DIRECTORS PRESENT

Director Sheldon Berger
Director Bruce Dandy
Director Robert Eranio, President
Director Lynn Maulhardt
Director Edwin T. McFadden, III
Director Dan Naumann, Vice President

STAFF PRESENT

Mauricio E. Guardado, Jr., General Manager
David D. Boyer, Legal Counsel
Anthony Emmert, Assistant General Manager
Robert C. Siemak, Assistant General Manager
Mike Ellis, Chief Operations Officer
Brian Collins, Operations and Maintenance Manager
Christy Ramirez, Executive Coordinator
Clayton Strahan, Senior Park Services Officer
Dr. Katherine Ayres, Associate Ecologist
Dan Detmer, Supervising Hydrogeologist
Craig Morgan, Senior Engineer
Kris Sofley, Executive Assistant/Clerk of the Board

PUBLIC PRESENT

Dr. Bill Mathis, consultant
Tony Morgan, DBS&A

1. FIRST OPEN SESSION 12:00 P.M.

President Eranio called the meeting to order at 12noon and asked if there were any public comments.

1.1 Public Comments

Information Item

None were offered.

President Eranio then asked District's Legal Counsel to outline items for discussion during Executive (Closed) session. Mr. Boyer outlined the topics for discussion during the Board's Executive Session. With that, President Eranio adjourned the Board to Executive (Closed) session at 12:05p.m.

1.2 EXECUTIVE (CLOSED) SESSION 12:05 P.M.

The Board adjourned to Executive (Closed) Session.

2. SECOND OPEN SESSION AND CALL TO ORDER 2:00 P.M.

President Eranio called the Second Open Session to order at 2p.m. He asked Director Dandy to lead the group in the Pledge of Allegiance.

2.1 Pledge of Allegiance

Director Dandy led the group in reciting the Pledge of Allegiance.

**2.2 Public Comment
Information Item**

President Eranio asked if any of the public present wished to address the Board on any item on the Consent Calendar or on any non-agenda item within the jurisdiction of the Board. None were offered.

**2.3 Approval of Agenda
Motion**

Director Dandy asked that Agenda items 2.9 and 2.10 be moved up on the agenda to immediately follow item 2.4.

Motion to approve the agenda with the change as noted, Director Berger; Second, Director McFadden. Voice Vote: six ayes (Berger, Dandy, Maulhardt, McFadden, Naumann, Eranio); none opposed. Motion carries 6/0/0.

**2.4 Oral Report Regarding Executive (Closed) Session
Information Item**

District Legal Counsel David D. Boyer stated that there were no Board actions taken in Executive Session to report in accordance with the Brown Act.

**2.9 Staff Service Awards for the Year 2018
Information Item**

President Eranio presented District Staff Service Awards, recognizing benchmark work anniversary dates for the following staff, stating:

Genaro Rios, who celebrates five years with the District's Operations and Maintenance staff, has become a valuable member of the United Water team. Genaro is based at the Saticoy facility but provides assistance wherever he is needed. Genaro's skills as an equipment operator have been leveraged to assist with the Freeman Diversion desilting basin cleanout projects, performing road maintenance, and keeping the Saticoy spreading grounds maintained. Additionally, Genaro has demonstrated that his painting skills and

attention to detail support United's "Best in Class" standards. Recently Genaro began training for the Saticoy Duty Operator role and he continues to develop his skills and flexibility, to the benefit of the District. Thank you for the past 5 years of professionalism and dedication.

Andy Camposagrado, celebrating 10 years with the District, is a member of the electrical and instrumentation group here at United Water. Andy has continuously progressed and exceeds expectations in nearly all that he undertakes. Andy brings a positive and professional attitude to work every day. Whether performing field work or SCADA programming, Andy continues to learn and improve his abilities to the benefit of the District. Andy has been instrumental in numerous SCADA projects such as the Freeman Diversion real time data sharing, pump sequencing efficiency optimization and the PTP metering project. Andy manages the AutoCad documentation program for the Electrical & Instrumentation group and also maintains T2 and D2 drinking water operator certifications and has been significantly involved with training of junior staff. Thank you for the past 10 years of professionalism and dedication.

Ofelia Leon, celebrating 15 years with the District, started with United on August 25, 2003 as an Administrative Assistant I. As she began taking more and more responsibility, she was promoted to Administrative Assistant II, then Administrative Assistant III, and then Executive Assistant. She has mastered every new responsibility and is always looking to improve the way tasks are accomplished around the office. Two years ago, Ofie was promoted to Human Resources Administrator and has done a great job organizing and keeping on top of the numerous administrative tasks and paperwork associated with human resources for all United staff. This includes handling all of the many aspects of employee benefits and ensuring compliance with an ever-increasing list of employment laws and regulations. Ofie has done all of these things in a consistently professional and accessible manner. For the past fifteen years, her hard work, great organization skills, and pleasant, easy going manner have been a tremendous benefit to the administration of the District. Thank you, Ofie, for fifteen years of exceptional work.

Murray McEachron, celebrating 20 years of service to the District, first joined United as a Hydrologist in October 1998, assigned to the O&M Department. In 2005, he advanced to Associate Hydrologist and in 2011 to Senior Hydrologist in the Groundwater Department. Murray's expertise makes him an important part of the District's ESA compliance efforts, the design and planning of O&M's diversion procedures at the Freeman Diversion and the Conservation Releases from Santa Felicia Dam, as well as the District's ongoing strategic planning efforts, which are key to future water supply sustainability in Ventura County. Murray's knowledge and professionalism make him a valuable asset to this District and we are pleased to recognize him today. Thank you for all of your efforts over the past 20 years.

Mike Ellis, celebrating 30 years with United, was hired by the District on November 21, 1988 as an O&M Worker II and promoted to O&M Worker III in October 1993, and to Lead O&M Worker in December 1995. In July 2005, Mike was promoted to El Rio Plant

Supervisor, then to Chief Water Treatment Operator in 2007, and to O&M Department Manager in 2011. In July 2017, Mike was named the District's Chief Operations Officer, the position he continues to hold. Mike is and has been a tremendous part of the District's strong O&M Department. He is an outstanding manager and leader, and has earned the trust and respect of his staff. Mike also plays a very important role as part of the District's management staff, providing valuable insight, cooperation, and team spirit in dealing with the multiple issues facing the District. Thank you Mike for your 30 years of service to the District.

Mr. Ellis thanked the Board, adding that the people at United are what makes the District such a special place to work and praised the team for being the best.

2.10 Recognition of the Retirement of James Grisham

Ceremonial Item

President Eranio then introduced Engineering Manager James Grisham, who retired on January 4, 2019, after nearly 22 years of service to the District.

President Eranio remarked: Today we are celebrating almost 22 years of dependable, hardworking service provided by Mr. Jim Grisham to the United Water Conservation District. Mr. Jim Grisham's retirement as the District's Engineering Manager began on January 4.

Jim began his career with the District in 1982 as an Associate Engineer. He left the District in 1985 to join Wildan Engineering and rejoined the District as a Senior Engineer in April 2000. In July 2011, he was promoted to Supervising Engineer. In November 2011, Jim was appointed Interim Engineering Manager and in March 2015, he was appointed to serve as the District's Engineering Manager, overseeing the District's numerous critical then current and upcoming projects.

During his tenure with the District, Jim worked on numerous District infrastructure projects that are still standing to date, including the construction of the Pumping Trough Pipeline system, the Reasoner Canyon Day-Use Area at Lake Piru, the Juan Fernandez Boat Launching Facility, several well replacement projects, the Santa Felicia Dam Spillway Rehabilitation, Lake Piru Water System Improvements, Santa Felicia Probable Maximum Flood Study, Santa Felicia Seismic Analysis Study, Santa Felicia Fish Passage Alternatives Study, and Freeman Diversion Fish Passage design.

Additionally, Jim led and significantly improved the District's dam safety compliance program and gained the confidence of the regulators in the District as a responsible dam owner. His efforts have led to a much more robust and thorough dam safety program that is critical to protecting and preserving the lives of County residents living downstream of Santa Felicia Dam.

Jim always gave his best effort to accomplish what was required of him and more. His dedication and passionate approach to lead projects is commendable and his vast

institutional knowledge of the District's history has provided a tremendous benefit to the District time after time. His caring attitude and mentorship skills have also been a tremendous value to the Engineering staff.

Additionally, Jim is a dedicated husband to Pam, a proud father to daughters Amy, Lauren, and Jessica and a devoted grandfather to six lovely grandchildren. Jim is also a hard core soccer fan and enjoys catching a few games together with Pam now and then.

Jim should be very proud to have played a major part in the development of some of the key projects and history of the District throughout his career. The District is a better place because of Jim's efforts. He will be missed.

As a token of appreciation, the District presents a gift to the retiree. However, Mr. Grisham has elected that his retirement gift (\$600) be donated to the Ventura County Rescue Mission.

Jim, we wish you all the best transitioning onto the next chapter of your life. Enjoy your retirement whether it is hiking, watching a soccer match, travelling or developing new interests and activities.

Mr. Grisham then addressed the Board, stating that he and his wife Pam volunteer at the Ventura County Rescue Mission, and the gift if perfect timing wise as after the holidays, donations and volunteers often taper off. He said that we need to remember that safety nets are not as strong as we think, and then challenged everyone in the Boardroom to make a donation to the Rescue Mission, and said he would match the donations up to \$500. President Eranio stood up and gave Mr. Grisham a cash donation.

Mr. Grisham said that working at United was a great opportunity, and mentioned John Dickerson specifically. He also said that United was the Disneyland for Engineering, which is one of the reasons he returned to the District. He said bypass pipelines, the Santa Felicia Dam and Pumping Trough Pipeline were all very enjoyable experiences, but he seconds what Mike Ellis said earlier, that the people of United are outstanding, there are a lot of characters, too, and unusual one-of-a-kind projects. He then thanked the Board and staff.

2.5 Board Communication

Information Item

Director Berger reported that he participated in the Finance Committee meeting on January 15 and the Planning Committee. He also said that, due to the government shutdown in DC, the AWA guest speaker for Thursday, a representative from NOAA, had to cancel his trip, resulting in the cancellation of the AWA breakfast tomorrow.

Director Dandy reported attendance at the Board meeting on December 12 and the Special Board meeting on December 18, the Finance committee of December 11, the ad hoc labor negotiation committee on December 6, the Executive committee meeting on December 10

and the Ops Committee on December 5. He said he also attended the VCSDA meeting on December 4, and the Calleguas Board meeting in December with Director Naumann and a reception at the offices of Assemblymember Jacqui Irwin on December 19, and had a meeting with the General Manager on December 27.

Director McFadden reported attending the Fillmore and Piru Basins GSA Board meeting in December.

Director Maulhardt reported attending December's Board meeting and Special Board meeting and the ad hoc labor negotiations committee meeting.

Director Naumann reported his attendance at the Special Board meeting on December 18, the Finance committee meetings in December and January, Executive Committee meetings in December and January, and a Planning Committee meeting. He also went to the Calleguas Board meeting in December and a reception at Assemblymember Jacqui Irwin's office on the 19th of December and attending a meeting regarding the Rice Ave Overpass. He also joined the General Manager for three days in Sacramento, meeting with Assemblymembers Irwin and Limón and State Senator Hannah Beth Jackson. He said he and Mr. Guardado updated our local elected officials on the challenges the District is facing, including updating them on the Wishtoyo lawsuit, permits and project funding, especially for the dam safety improvement projects. He also reported meeting with Dennis Cardoza and the Gualco team and thought the meetings were beneficial in building rapport with elected officials.

President Eranio then reported his participation at the December 12 Board meeting and December 18 Special Board meeting, Executive Committee meetings on December 10 and January 3, an agenda review with the General Manager on December 11, a Fox Canyon GMA Special Board meeting on December 5th, a meeting with Pleasant Valley County Water District regarding Conejo Creek, and a review of the Fox Canyon GMA agenda with Groundwater department on December 3. President Eranio also reported meeting with Captain King, the chief of staff to the Commanding Officer of Naval Base Ventura Captain Chisholm, along with Amanda Fagan, the water resources manager for the base. He said the meeting was promising and that Captain King was receptive to the District's request for a letter of understanding supporting the District's role in maintaining "mission readiness" at the base. He also said there were opportunities to work with the base to meet common goals.

President Eranio asked if there were any questions or comments from the Board or public. None were offered.

2.6 General Manager's Report

Information Item

Mr. Guardado echoed President Eranio's sentiments about the meeting with the Navy, stating that water delivery was "mission critical" and that this was the first time he met with the Navy and was thankful for the outreach. He stated that the Navy isn't typically

involved in advocating, but new leadership is trying hard to do more with other agencies and organizations in the neighboring area. He added that President Eranio did a nice job in getting United through the door, and that meeting with Navy officers is a difficult meeting to secure. During the meeting, Mr. Guardado offered to provide tours of the District's facilities in the future to the 15 to 20 engineers working with Naval Base Ventura County. He said that the Navy is doing its own analysis for SGMA and maybe expanding, so they need to meet new water demands, which is why touring the District's facilities and seeing the operation if of interest to them now.

Mr. Guardado thanked John Lindquist for joining him in the District's presentation to the Fruit Growers Lab's (FGL) Growers' Workshop. He reported that the group was very receptive and asked lots of questions, including about 80 percent of the attendees asking how they could help the District. Mr. Guardado said they discussed strategic planning and funding mechanisms for supporting State Water purchases, which needs to be explored further.

Mr. Guardado reported that the trip to Sacramento was not only beneficial in meeting politicians, but that he and Mike Ellis had a very informative meeting with the Water Rights Department of the State Water Board. During the meeting, they learned of a process that would provide an option to the lengthy application process – 10 to 20 years typically and a cost of some \$500,000 – for expanding diversions at the Freeman from 350cfs to 750 cfs. He thanked Dennis Cardoza for making the introductions to the group, which advised the District to explore a temporary permit this summer in preparation for the next wet season, which was very encouraging.

President Eranio asked if there were any comments or questions from the Board or public. Director McFadden said he would like to add a comment regarding the Fruit Growers Lab Workshop, saying there were about 150 people in attendance and Mr. Guardado's presentation was an excellent outreach opportunity to the agricultural community.

2.7 Appointment of Director for Division 2

Motion

President Eranio stated that the Board would now take into consideration the appointment of a Director to fill a vacancy on the Board. Division 2 of the United Water Conservation District Board of Directors has been vacant since December 1, 2018. He then asked Counsel and the General Manager to brief the Board.

Mr. Guardado stated that Director Mobley failed to file his election paperwork by the deadline and was therefore disqualified from running for re-election in Division 2. There were no other candidates filing the required paperwork with the Election Board, so the Division 2 seat was vacated effective December 1, 2018. Staff notified the County Elections office of the vacancy in Division 2 within the required 15 days following the vacancy.

Mr. Boyer added that the Board is authorized by Section 74204 of the Water Code and Section 1780 of the Government Code to fill this vacancy by appointment and that the Board had 60 days of the effective date of the vacancy to appoint someone to fill the vacancy.

Mr. Guardado said that, as required by law, the District posted a notice of this vacancy in Division 2 of the District in three conspicuous places – Saticoy Public Library and Hill Road Library, both in Ventura, and UWCD Headquarters in Santa Paula, for more than 15 days before this meeting, and that copies of notice has been included in the Board packet as part of the record of these proceedings.

Mr. Guardado reported that Directors Eranio, Naumann and Dandy have reviewed the letter submitted by the person expressing interest in this position, Mike Mobley.

Mr. Boyer stated that the Board may elect not to make an appointment to fill this vacancy, and could move to call an election to fill the vacancy. He reminded the Board that if it did not fill this vacancy or call an election, the County Board of Supervisors may fill the vacancy or may order an election to fill the vacancy.

President Eranio said that the Board intended to fill this vacancy by appointment today and that unless he hears some objection from one or the other Directors, he would proceed in this fashion. He said he would first allow any applicant, or for that matter any other person who is interested in this matter, to address the Board if they choose to do so. He asked if any applicant or anyone else would care to address the Board about the appointment of a Director for Division 2

No comments were offered and no other interested parties responded.

President Eranio continued, stating that since no other candidates have come forward, the Board would now continue with the appointment procedure.

Director Naumann stated that he, President Eranio, and Director Dandy had reviewed the application submitted for consideration by Michael Mobley. He said, as they are all familiar with Mr. Mobley and his prior service to this Board, he would make a motion to appoint Michael W. Mobley fill the vacancy in Division 2. Director Dandy seconded that nomination.

President Eranio said the Board has a nomination to fill the vacancy for Division 2 and the nomination has been seconded. He then asked if there were any other nominations.

No comments were made and no other interested parties responded. President Eranio continued, stating that since there are no other nominations, would any Director care to make any additional comments at this time. None of the Board members commented. President Eranio then asked the Clerk of the Board to please call the roll for a vote.

Ms. Sofley called the roll. Roll call vote: six ayes (Berger, Dandy, Maulhardt, McFadden, Naumann, Eranio); none opposed. Motion carries unanimously.

President Eranio then congratulated Director Mobley, stating that, upon taking the proper oath and satisfying the other procedural requisites, Michael Mobley will assume the duties as Director of United Water Conservation District for Division 2.

Ms. Sofley administered the Oath of Office to Director Mobley, who then took his seat on the Board dais.

2.8 Election of Officers

Motion

Mr. Guardado stated that it is the policy of the Board to require annual elections for the officers of the Board. He said that traditionally, each Director serves in that elected position for up to two years per post, but that the Board has the option to open elections for President, Vice President and Secretary/Treasurer for 2019.

Director Berger said, with no disrespect, he had concerns about the future and that the Directors had not been through the rotation of officers' positions. He said it was important that newbies work their way up through this two year cycle, so he'd like to change the officers' terms to one year. He then nominated Director Naumann as president; Director Mobley as Vice President and Director Dandy as Secretary/Treasurer. Director Mobley seconded the nomination.

President Eranio asked if the Board wished to discuss the motion. Director McFadden said that he understood the logic of the nomination and liked stability. He said that he would support the nomination, but with no disrespect, the timing stinks and he thinks President Eranio is doing an outstanding job.

President Eranio commented, saying he understands the concerns of Director Berger, but this comes as a bit of a shock and he was expected to serve out his two year term. He asked the Board to stay with the tradition of two year terms as he isn't finished with what he wanted to accomplish as Board president.

Director Naumann said that the one year term was consistent with other agencies. Director McFadden asked if the Board would consider a compromise, letting President Eranio finish out his term and then begin the one year cycles with the next officers of the Board as he doesn't think this is fair to President Eranio.

Director Berger said that he and President Eranio are friends, but the rotation takes too long. He said there is a motion and a second, and asked for a vote.

Ms. Sofley reminded the Board that the nomination was Director Naumann as president; Director Mobley as Vice President and Director Dandy as Secretary/Treasurer and started

the roll call vote. Roll call vote: five ayes (Berger, Dandy, Maulhardt, Mobley, Naumann); two opposed (Erano, McFadden). Motion carries 5/2/0.

2.11 New Headquarters Update

Information Item

Mr. Ellis provided a presentation, updating the Board on the District's property located at 1701 Lombard Street in Oxnard. Mr. Ellis reported that the Parking and Traffic studies required by the City of Oxnard have been completed and there is a parking agreement in place with the neighboring building owner. There is adequate parking for the future, however, the parking area will need asphalt sealing and re-stripping at some time in the near future and the adjacent property owner was interested in a competitive wage, not required to adhere to prevailing wage policies.

Four contractors participated in a pre-job inspection at the office site. Mr. Ellis met with one contractor to review the demolition process. Staff removed ceiling tiles for mechanical and structural inspections and Mr. Ellis has had multiple meetings with architectural staff on the design process.

Next steps are meeting with the Planning Committee, receiving design development plans and construction drawings, perform a District review and complete a plan check with the City of Oxnard. Then it's contractor bidding and construction. Staff has erected a "Future Home of...United Water" sign in front of the property.

Regarding the Santa Paula office, Mr. Ellis and Ms. Ramirez are providing tours of the building to a prospective buyer and its governing entity. Director Maulhardt asked the price range for the Santa Paula building. Mr. Ellis estimated about \$1.7 million. Director Maulhardt thought it had been purchased for about \$600,000. Director Berger said it was in the four range as the District bought it out of foreclosure. Director Maulhardt said that was a nice gain.

Mr. Ellis said that staff is waiting an updated schedule from Oxnard and is speaking to the assistant City Manager of Oxnard, Ashley Golden to see if the District can speed up the permits. Director Erano asked what the schedule was for plans, and Mr. Ellis replied that plans should be available next month.

- 3. 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)**

Motion to approve the Consent Calendar, Director Maulhardt; Second, Director McFadden. Roll call vote: seven ayes (Berger, Dandy, Eranio, Maulhardt, McFadden, Mobley, Naumann); none opposed. Motion carries 7/0.

A. Approval of Minutes

Motion

Approval of the Minutes for the Regular Board meeting of December 12, 2018 and the Special Board meeting of December 18, 2018.

B. Groundwater Basin Status Reports

Information Item

Receive and file Monthly Hydrologic Conditions Report for the District.

C. Monthly Financial Report

Information Item

Report on the District's investments and the availability or restriction of these funds. All investments are in compliance with the District's investment policy, which is reviewed and approved annually by the Board.

D. Change to Audited FY 2017-18 Comprehensive Annual Financial Report

Information Item

Board to receive change in the Comprehensive Annual Financial Report (CAFR) for the Fiscal year ended June 30, 2018.

4. MOTION ITEMS (By Department)

Administration Services – Anthony Emmert

4.1 Staff Salary Schedule Amendment

Motion

Director Dandy reported to the Board that the Finance Committee and the Executive Committee had reviewed and approved the staff salary schedule amendment.

Motion to adopt Resolution 2019-01 amending District salary schedule for the Executive Assistant position and authorizing supplemental appropriation to cover the cost of the change for the balance of Fiscal Year 2018-2019, Director Dandy; Second, Director Eranio. Roll call vote: seven ayes (Berger, Dandy, Eranio, Maulhardt, McFadden, Mobley, Naumann); none opposed. Motion carries 7/0.

4.2 Executive Supplement Insurance Benefits for consideration

Motion

Mr. Boyer stated that, in an effort to provide incentive to the District's executive management team to make long term employment commitments to the District, its Executive Committee tasked consultant Dr. Bill Mathis with researching and

recommending various options to reward high caliber performance and long term employment commitments.

Dr. Mathis' recommendation is to add a supplemental insurance plan (ARMADA Care) for the General Manager and Assistant General Managers. The District would incur costs of approximately \$23,555 annually for all three executives' increased benefits.

Motion to authorize executive supplement insurance benefits for the General Manager and two Assistant General Managers beginning in February 2019, Director Berger; Second, Director Dandy. Roll call vote: seven ayes (Berger, Dandy, Eranio, Maulhardt, McFadden, Mobley, Naumann); none opposed. Motion carries 7/0.

Engineering Department – Maryam Bral

4.3 Authorize Contract with Stantec to perform the preliminary design of a vertical slot fish ladder as a Freeman Diversion Fish Passage Facility alternative

Motion

District's Senior Engineer Craig Morgan explained to the Board that this agreement with Stantec Consulting would take the usability to the next level, providing a preliminary design and technical memo equating to 30 percent of design.

Director Dandy stated that this is the first part of a likely total agreement that is valued at \$2.8 million. Mr. Morgan replied that Director Dandy was correct, if Stantec followed the project through to total design.

President Naumann added that there were two of the options but the Board felt that this one was the best approach for river flows and NMFS restrictions. Mr. Morgan added that the other two designs are in the river. President Naumann asked if it would operate if the Freeman went from diverting at 350cfs to 750 cfs. Mr. Morgan said yes, both 375 and 750 cfs options were possible, depending on slight modifications to the intake, fish bay and screens. Currently screens can accommodate 375 cfs, but if the cfs doubles, the size of the screen would have to be changed.

Motion to authorize the General Manager to execute a professional services agreement with Stantec Consulting Services Inc. (Stantec) in the amount of \$286,620 to provide the preliminary design of a vertical slot fish ladder as a Freeman Diversion Fish Passage Facility alternative, Director Dandy; Second, Director Mobley. Roll call vote: seven ayes (Berger, Dandy, Eranio, Maulhardt, McFadden, Mobley, Naumann); none opposed. Motion carries 7/0.

5. PRESENTATIONS AND MONTHLY STAFF REPORTS (By Department)

Environmental Planning and Conservation Department – Anthony Emmert

5.1 Monthly Environmental Planning and Conservation Department Report

Information Item

Dr. Katherine Ayres provided an update on the District's environmental and regulatory activities of note, including the status of the Santa Felicia Dam Fish Passage project, which received a biological opinion from US Fish and Wildlife Services in October, a streambed alteration agreement from CA Fish and Wildlife in November, a special use permit from the Forest Service in November and, completed a trout sampling and PIT antenna installation. Regarding the FERC License for the Santa Felicia Dam, staff has filed annual reports for ongoing implementation of noxious weed management; water releases; aquatic exotic control and the Arroyo toad protection plan. Staff submitted NMFS required plans on December 4, including sediment management plan and impact minimizing vegetation removal plan. In December, staff re-engaged Ascent Environmental to initiate CEQA for the Habitat Conservation Plan (incidental take permit application) and is preparing a permitting schedule include live edit process to finalize MSHCP chapter by chapter. As both NMFS and USFWS are furloughed until Federal budget is approved, there is no other action to report.

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

5.2 Quagga Mussel Management Efforts Update

Information Item

Dr. Ayres also reported that staff had conducted a mini treatment experiment to test and refine the treatment plan for the May 2019 EarthTecQZ treatment of Lake Piru's quagga mussel infestation. It was determined that EarthTecQZ was not likely a risk to birds and, depending on the application amount of the product and water temperature, may require a slower and steady application of product to kill the quagga but not be a risk to steelhead. Next steps, staff is working with the Catalyst team in preparing a Section 24© SLN application with support from Earth Lab Sciences, the manufacturer of EarthTecQZ, with end of January being the target date for application submission. Staff is also coordinating with CA Department of Fish and Wildlife and CA Department of Parks and Recreation and the State Department of Pesticides to ensure compliance with Federal laws. Staff is also doing additional laboratory testing to refine and optimize treatment plan while permits are processing, with a proposed completion date of Summer 2019. Staff is also exploring various funding options through QZAP, Bureau of Reclamation's 1.6 million Quagga Mussel Innovations grant series, which the District may be eligible for as an open water test case.

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

Groundwater Department – Maryam Bral

5.3 Monthly Groundwater Department Report

Information Item

Dan Detmer report on monthly Groundwater Department activities including recent storm events, groundwater conditions by basin and other activities. Mr. Detmer reported that

groundwater staff has had discussions with the Navy about partnering on the Brackish Water Treatment project, as Naval Base Ventura County is concerned about dependency on the OH line as the sole source for drinking water. The Navy has land adjacent to the base which could be a possible location for the facility and Amanda Fagan will be meeting with staff next week to discuss possible partnerships.

Staff continues to explore the ASAP pipeline project and will make a full presentation in February. The pipeline would provide conveyance to Fillmore Diversion and the Oxnard Plain feasibly year round and would help offset Oxnard's nitrate issue.

Ventura is seeing ASR proposals with the number one target being the Oxnard Plain via the wells at the golf course. They are getting push back from growers in the Mound Basin.

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

5.4 Update on Groundwater Sustainability Agencies (GSAs) and Sustainable Groundwater Management Act (SGMA)

Information Item

Groundwater staff reported that the Mound Basin GSA canceled its December board meeting and its January meeting is scheduled for tomorrow, Thursday, January 17. The Fillmore and Piru Basins GSA will meet on Friday, January 18, and the Board will act on a motion to confirm Daniel B. Stephens Associates as its GSP consultant.

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

Park and Recreation Division – Clayton Strahan

5.5 Monthly Park and Recreation Department Report

Information Item

Senior Park Services Officer Clayton Strahan introduced the Board to PMC's new manager for Lake Piru, who spoke briefly to the Board. Mr. Strahan reported that operations and maintenance at the lake continues to improve and that he hopes the board will consider approving the installation of automated fee tubes for kiosks entry when presented. He said that he was meeting with the maintenance foreman for PMC and doing a walk through to identify priority projects including repainting, reroofing and reevaluating asphalt management with input from engineering staff. PMC is also exploring permitting and possible cost sharing for the installation of yurts and other forms of accommodation and paving of full hook up spots. He also said that a Recreation Committee meeting will take place in February, when he hopes to discuss Park Service Officers authority issues.

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

Administration Services – Anthony Emmert

5.6 Monthly Administrative Services Department Report – Anthony Emmert

Information Item

The Board received a summary report on Administration Department activities. President Naumann asked if there were any additional questions or comments. None were offered.

Outreach, Legislative, Grants and Training Report – Christy Ramirez

5.7 Monthly Outreach, Legislative, Grants and Training Report

Information Item

The Board received a summary report on monthly outreach, legislative, grants and training. President Naumann asked if there were any additional questions or comments. None were offered.

Engineering Department – Maryam Bral

5.8 Monthly Engineering Department Report

Information Item

The Board received a summary report on various Engineering department activities. President Naumann asked if there were any additional questions or comments. None were offered.

Operations and Maintenance – Brian Collins

5.9 Monthly Operation and Maintenance Department Report

Information Item

The Board received a summary report on monthly operations and maintenance of District facilities. President Naumann asked if there were any additional questions or comments. None were offered.

6. BOARD OF DIRECTORS READING FILE

7. FUTURE AGENDA ITEMS – None were offered.

8. ADJOURNMENT 4:39p.m.

The Board will adjourn to the **Regular Board Meeting on Wednesday, February 13, 2019** or call of the President.

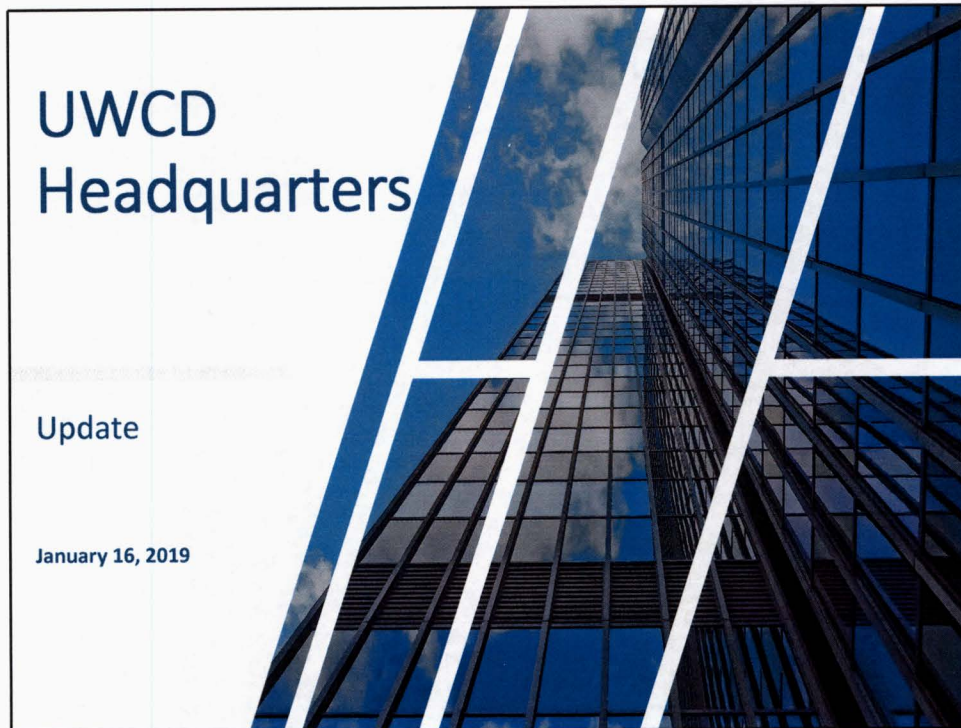
I certify that the above is a true and correct copy of the minutes of the United Water Conservation District's Board of Directors meeting of January 16, 2019.

ATTEST: _____


Bruce E. Dandy, Secretary/Treasurer, UWCD Board of Directors

ATTEST: _____


Kris Sofley, Clerk of the Board



ACTIONS TAKEN

PARKING STUDY COMPLETED – REQUIRED BY CITY OF OXNARD

TRAFFIC STUDY COMPLETED – REQUIRED BY CITY OF OXNARD

SHARED PARKING AGREEMENT WITH ADJACENT BUILDING OWNER –
COMPLETED LAST WEEK

BID FOR ASPHALT SEALING AND STRIPING OBTAINED – WORKING WITH
ADJACENT BUILDING OWNER TO PERFORM WORK AT SAME TIME FOR
BOTH LOCATIONS

MET WITH PREQUALIFIED CONTRACTORS FOR PREJOB INSPECTION OF
LOMBARD BUILDING TO EXPEDITE BIDDING PROCESS

ACTIONS TAKEN CONTINUED

UWCD STAFF REMOVED CEILING TILES FOR MECHANICAL AND
STRUCTURAL INSPECTIONS

MULTIPLE MEETINGS WITH ARCHITECTURAL STAFF ON DESIGN
PROCESS

FUTURE HOME OF UNITED WATER SIGN DESIGN AND FABRICATION

UWCD Headquarters Update

Actions Taken

***FUTURE HOME
OF***



United Water
CONSERVATION DISTRICT

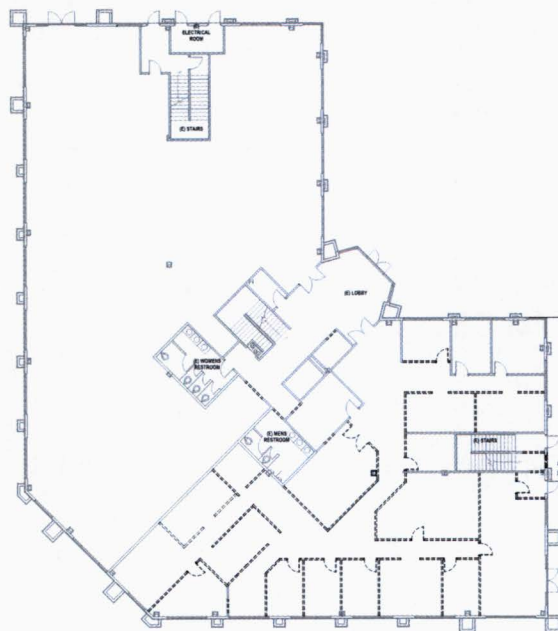
SERVING VENTURA COUNTY SINCE 1927

NEXT STEPS

MEET WITH PLANNING COMMITTEE
 RECEIVE DESIGN DEVELOPMENT PLANS
 RECEIVE CONSTRUCTION DRAWINGS
 PERFORM DISTRICT REVIEW
 PLANS TO CITY OF OXNARD PLAN CHECK
 CONTRACTOR BIDDING
 CONSTRUCTION

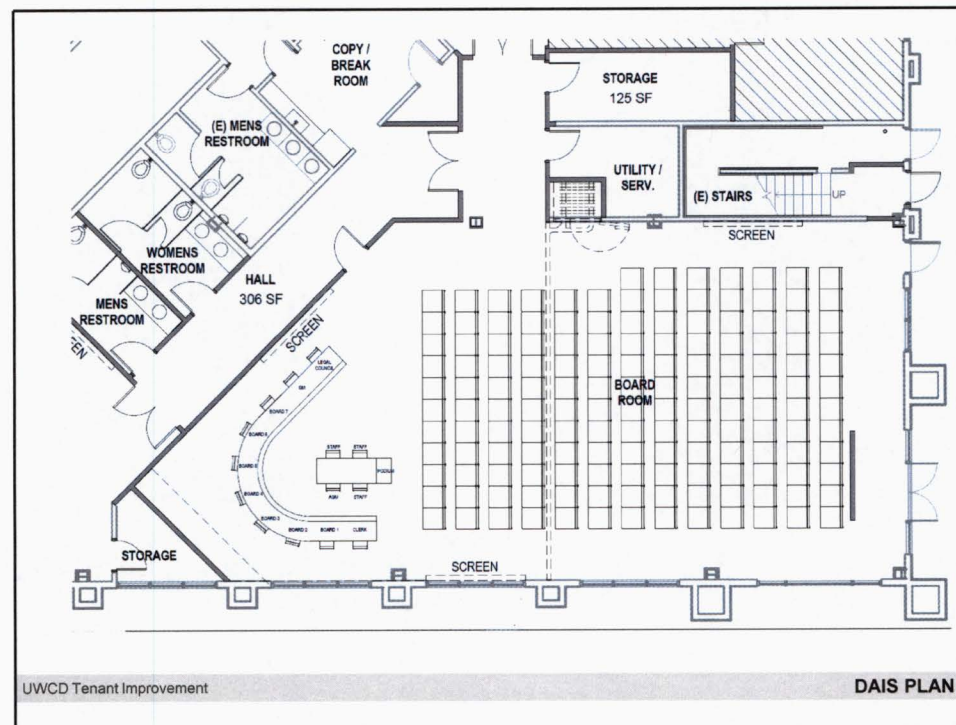
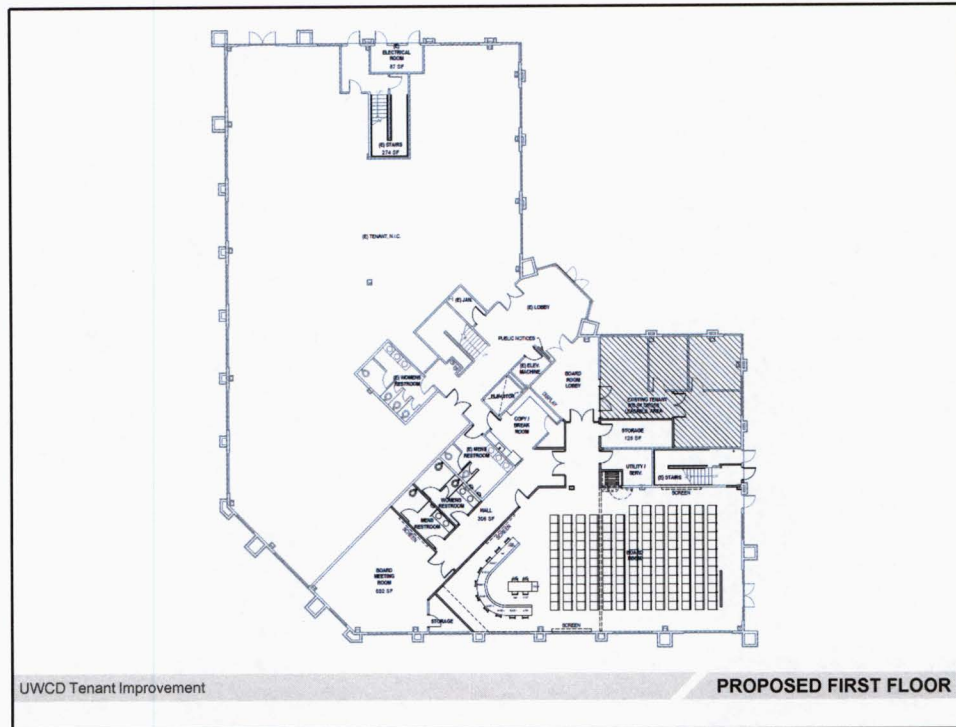
UWCD Headquarters Update

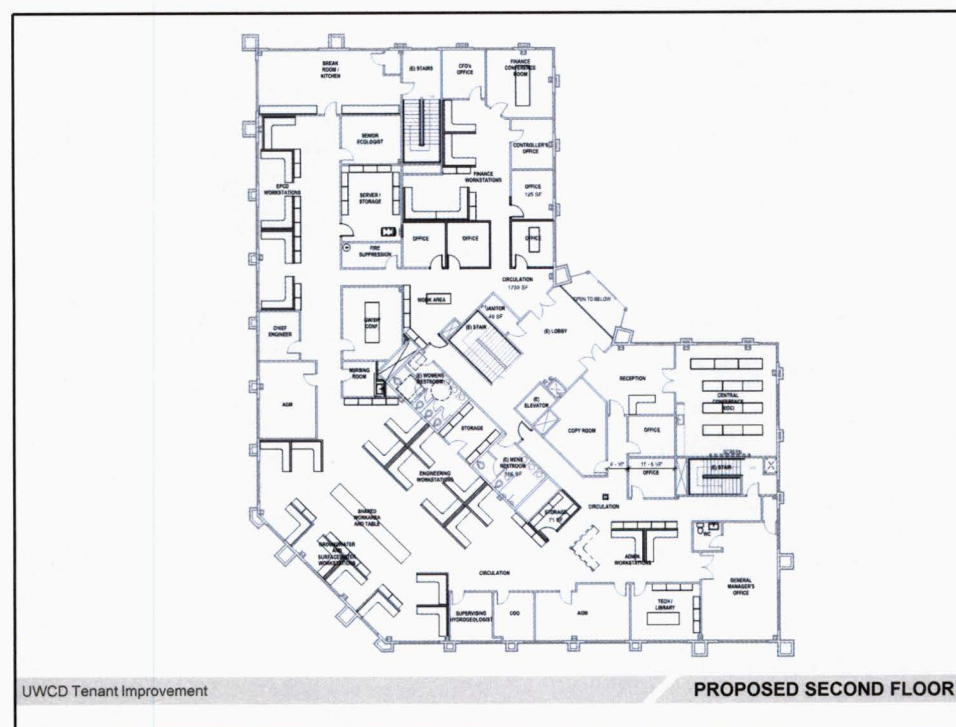
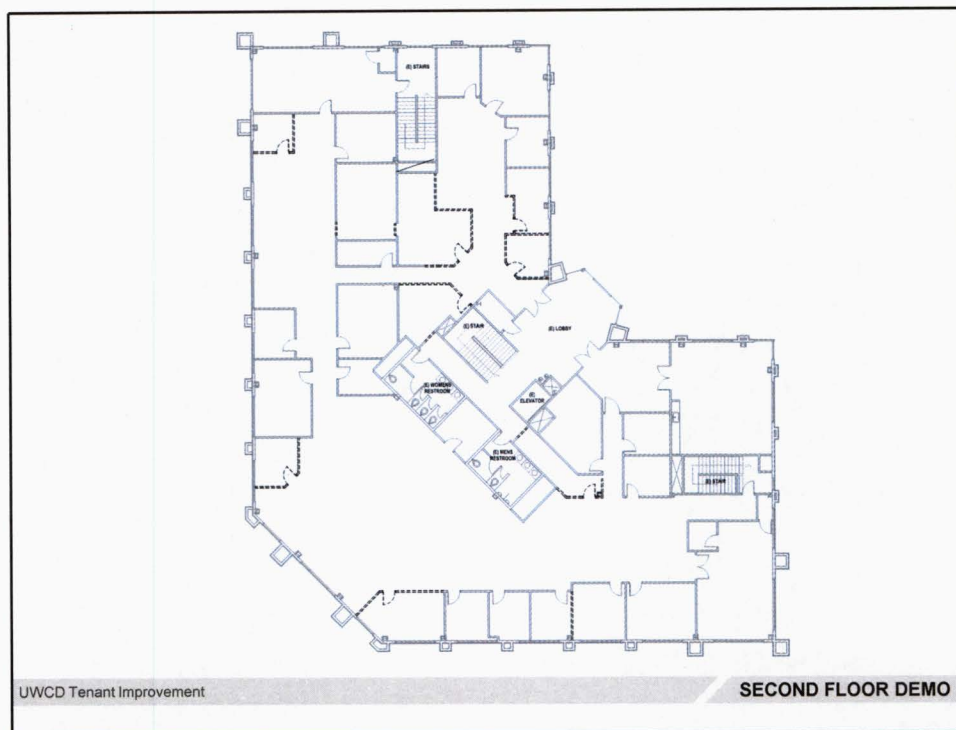
NEXT STEPS



UWCD Tenant Improvement

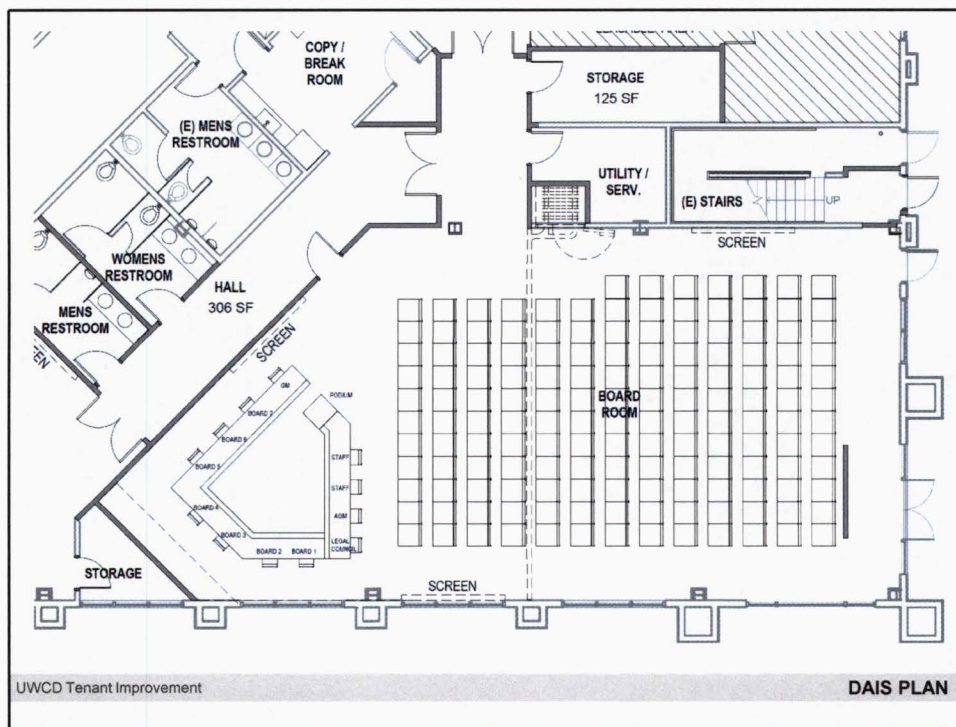
FIRST FLOOR DEMO





QUESTIONS?

UWCD Tenant Improvement



Agenda Item #5.1 EPCD Update

- Santa Felicia Project FERC License Update
- Multiple Species Habitat Conservation Plan

January 16, 2019

Santa Felicia Project FERC License Update

- SFD Fish Passage
 - 10/18/2018 – Received BO from USFWS
 - 11/16/2018 – Received streambed alteration agreement from CDFW
 - 11/19/2018 – Received special use permit from Forest Service
 - 11/26 through 11/30/2018 – Trout sampling and PIT antenna installation

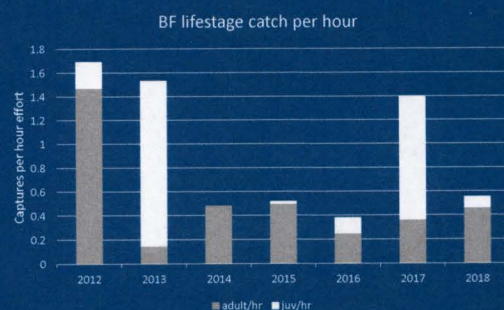
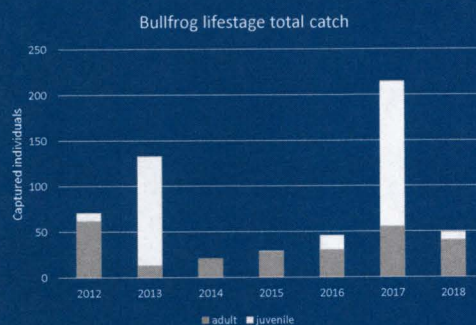


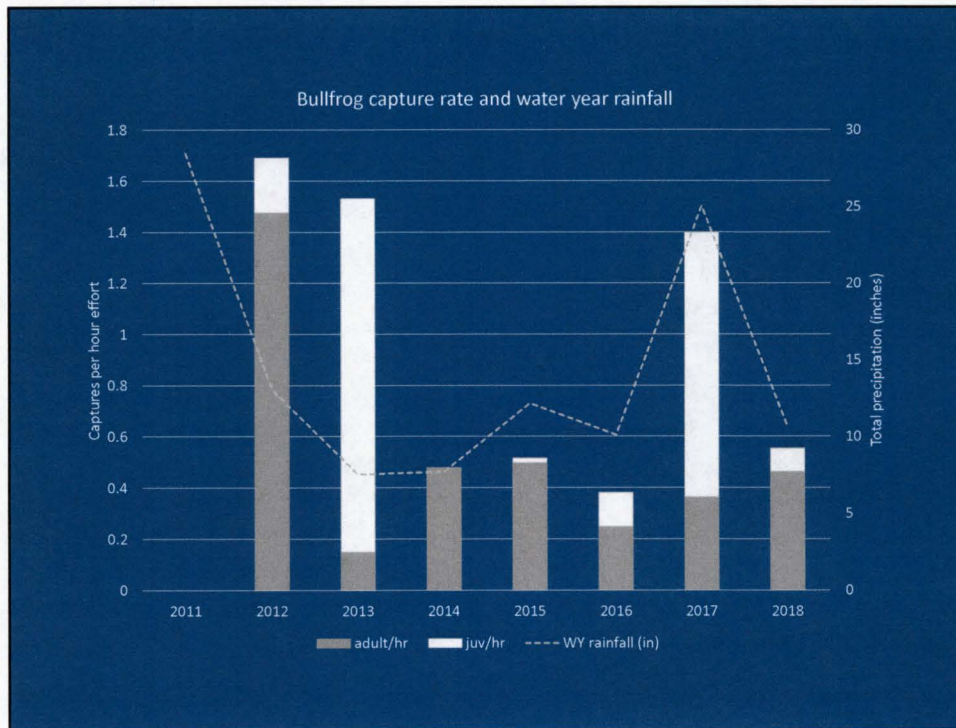


Santa Felicia Project FERC License Update

Filed annual reports for ongoing implementation of other license actions:

- Noxious weed management
- Water releases
 - Dissolved Oxygen Monitoring Plan (annual report due March)
- Aquatic exotic control
- Arroyo toad protection plan
- Land Resource Management Plan
 - Wet Crossing Amendment
 - Submitted NMFS required plans on 12/4/2018
 - Sediment Management Plan
 - Impact Minimizing Vegetation Removal Plan





Habitat Conservation Plan (Incidental Take Permit Application)

9/7/2018 – MSHCP submitted to resource agencies

9/23/2018 – Findings of Fact and Conclusions of Law

10/1/2018 – Hand-off to Special Master

10/4/2018 – Final Judgment/Permanent Injunction

10/15/2018 – Meeting with NMFS re new context and process moving forward

11/1/2018 and 11/30/2018 – Meeting with NMFS on fish passage upper flow limit

11/16/2018 – Meeting with CDFW to re-engage on MSHCP

December 2018

- Re-engage Ascent Environmental to initiate CEQA
- Preparation of permitting schedule including live edit process to finalize MSHCP chapter by chapter
- NMFS and USFWS furloughed until Federal budget is approved

Freeman Rehabilitation Project Permitting

Court Order - All permitting applications and processes
within United's power are due June 30, 2020

- *Incidental Take Permit Application (HCP)*
- *CEQA public draft EIR*
- Clean Water Act 404 and 401 permit application
(Army Corps and State Water Board)
- Lake and Streambed Alteration Agreement
application (CDFW)

Agenda Item #5.2 Quagga Mussel Management Efforts Update

Quagga Mussel Treatment Planning

✓ 1. Ecological Risk Assessment (November 2018)

2. Permitting:

- ❖ Special Local Need Permit (Target submittal – end of January 2019)
- ❖ Aquatic Animal Invasive Species Control Permit --
- ❖ EPA/NMFS Section 7 consultation (February 2020) ??
- ❖ NPDES – SIP (March 2020)
- ❖ CEQA (March 2020)

3. Quagga Mussel Treatment Plan (May 2019)

- ❖ Mini-treatment experiment to test and refine treatment plan

4. Procure Applicator and Apply Treatment (~June-September 2020)

Ecological Risk Assessment

- Conducted in support of the SLN Registration to evaluate potential risk of EarthTecQZ™ treatment to non-target, special-status species (birds and fish)
- Based on life history, behavior, diet, and likelihood of occurrence, the special-status bird species were deemed to have incomplete exposure pathways and were not evaluated further (no likely risk)



Ecological Risk Assessment

- Risk to *O. mykiss* evaluated using two exposure concentrations of Cu (120 and 180 µg/L) in comparison to literature-based values, California Toxic Rule and USEPA water quality criteria, and laboratory results using lower Piru Creek water and adult *O.*

mykiss



- Weight of evidence indicates potential risk to *O. mykiss* from exposure to 180 µg/L Cu and low or no potential risk to *O. mykiss* from exposure to 120 µg/L Cu

Next Steps

- Catalyst team is preparing Section 24(c) SLN application with support from the manufacturer of EarthTecQZ™ (Earth Lab Sciences)
- SLN Application submittal target – end of January 2019
- Coordination with CDFW
- Coordination with CDPR
- Additional laboratory testing to refine and optimize treatment plan while permits are processing (Summer 2019)

Prior Successes with EarthTecQZ™

- Fish hatchery treatments
- Rapid Response treatments: localized treatment/eradications (smaller scale)
- Billmeyer Quarry Lake, Pennsylvania (largest eradication attempt with EarthTec™)



Fish Hatchery Treatments



- Since 2017
- Indiana, Oklahoma, South Dakota
- Species = channel catfish and hybrid sunfish
- Treat hatchery water 5 days before water is pumped out of the hatchery ponds and fish are collected
- 5-6.67 ppm EarthTec or 300-400 µg/L copper
- The managers feel it is effective but “Eradication” is anecdotal as they do not have live/dead tests of veligers due to lack of time, expertise, and resources
- No fish mortality observed. Managers report healthier fish (EarthTec relieves them of bacterial diseases like gill rot and fin rot)

Rapid Response Treatments



- 2014-2017
- Various lakes in Minnesota and a 3-acre lake in Indiana: localized treatment and “eradications”
- Small treatment areas 0.6-2.8 acres
- Treatment approach 4-6 doses over 8 days
- Max. copper concentration 760-780 $\mu\text{g/L}$


Billmeyer Quarry Lake - Largest Eradication* to Date using EarthTecQZ™

- Former limestone quarry in Pennsylvania
- 33 years used by Bainbridge Scuba Center
- Quagga mussels detected a decade ago
- Considered impossible to eradicate
- Quagga mussels observed throughout lake prior to treatment
- Susquehanna River Basin Commission plans to develop the quarry as a renewable source of clean water, but quagga mussels were hindering their plans!



Billmeyer Quarry Lake - Largest Eradication* to Date using EarthTecQZ™

TREATMENT APPROACH

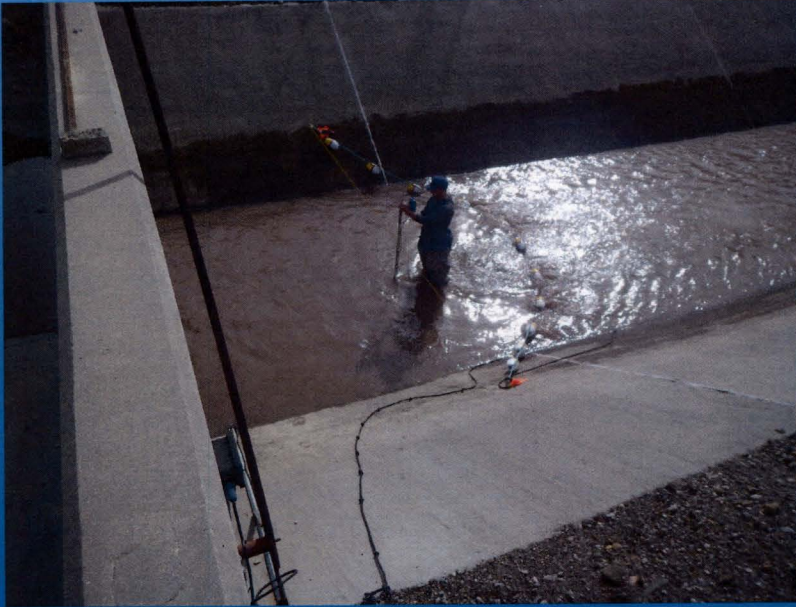
- Treatment Sept-Oct 2017
 - 485 million gallons (1,488 AF)
 - Avg. Water depth = 51 feet
 - Treated area = 30 acres
 - Target concentration = 200 µg/L
- 
- Treatment approach – 3 applications over 37-day period
 - Day 0 = 200 µg/L
 - Day 7 = 140 µg/L
 - Day 37 = 100 µg/L
 - Total Cost for product = \$53,625 or \$110/million gallons
 - Temp ranged from 23°C near the surface to <5.5°C near the bottom; Surface temps stayed about the same for first 35 days

Billmeyer Quarry Lake Results

- Caged mussels in 12 locations at 4 depths. The final one died on day 40
- Team “observed no significant effects on fish and other wildlife”
 - Bluegill
 - Largemouth bass
 - Catfish
 - shad
- Post-treatment pump-down for other reasons showed that all mussels exposed were dead
- Two eDNA samples were collected Dec 2017 and July 2018, both were negative
- Plankton tows in July, Aug, and Sept 2018 were negative
- Further eDNA and plankton tows are planned for 2019 to further confirm successful eradication. We will be watching!

Quagga Mussel Funding

- Quagga Mussel Monitoring and Control Plan
 - California State Parks Division of Boating and Waterways
 - Pre-solicitation notice issued, opens February 25
 - QZAP – Need to figure out when the next round will begin
- Quagga Mussel Eradication Efforts
 - US Bureau of Reclamation Quagga Mussel Program – spoke with Stuart Angerer in December, expect to hear back in January 2019
 - US Bureau of Reclamation Dreissenid Mussel Innovation grant series –
 - ✓ Step 1 → awarded to three theoretical studies (All genetic engineering)
 - Step 2 → lab scale study, most likely selected from Step 1, maybe they need mussels to test on?
 - Step 3 → Open water test case. We may be eligible, but they have not released timing on this one.



*United Staff Hydrogeologist
Eric Elliott calibrating a flow
meter in the Freeman
Diversion Canal, January 8,
2019*

5.3 GROUNDWATER DEPARTMENT UPDATE

1

Topics

1. Recent Storms/El Niño Outlook
2. Groundwater Conditions by Basin
3. Other GW Dept. Activities

2

1. Recent Storms/ El Niño Outlook

PARADE OF STORMS

4

Bay Area

State reservoirs nearing of year

By:

Charles Clifford (<https://www.kron4.com/me>
(mailto:cclifford@kron4.com)

Updated: Jan 07, 2019 08:29 PM PST

Mountain Democrat

PLACERVILLE, CALIFORNIA



John King, Water Resource Engineer with the California Department of Water Resources, Snow Survey Section, and DWR State Climatologist Dr. Michael Anderson, left to right, conduct the first snow survey for the 2019 season at Phillips Station Thursday. Photo by Ken Janssen/California Department of Water Resources

Georgetown Gazette, News

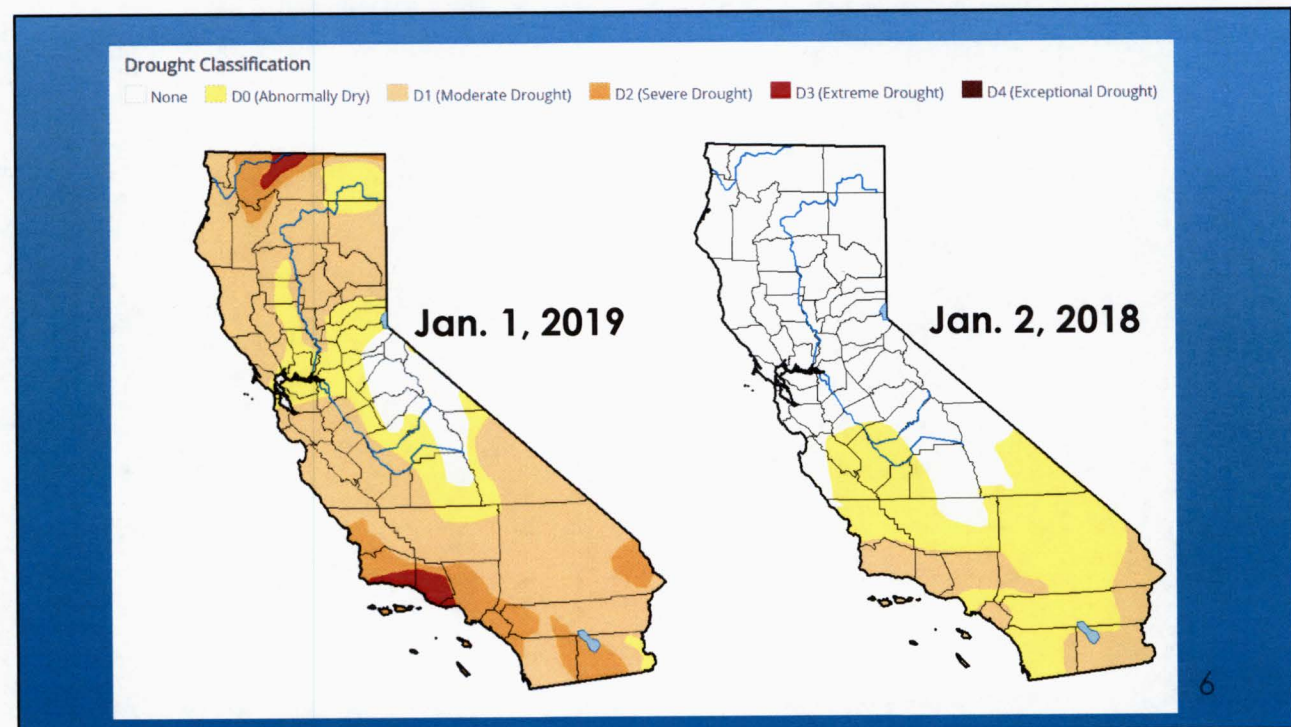
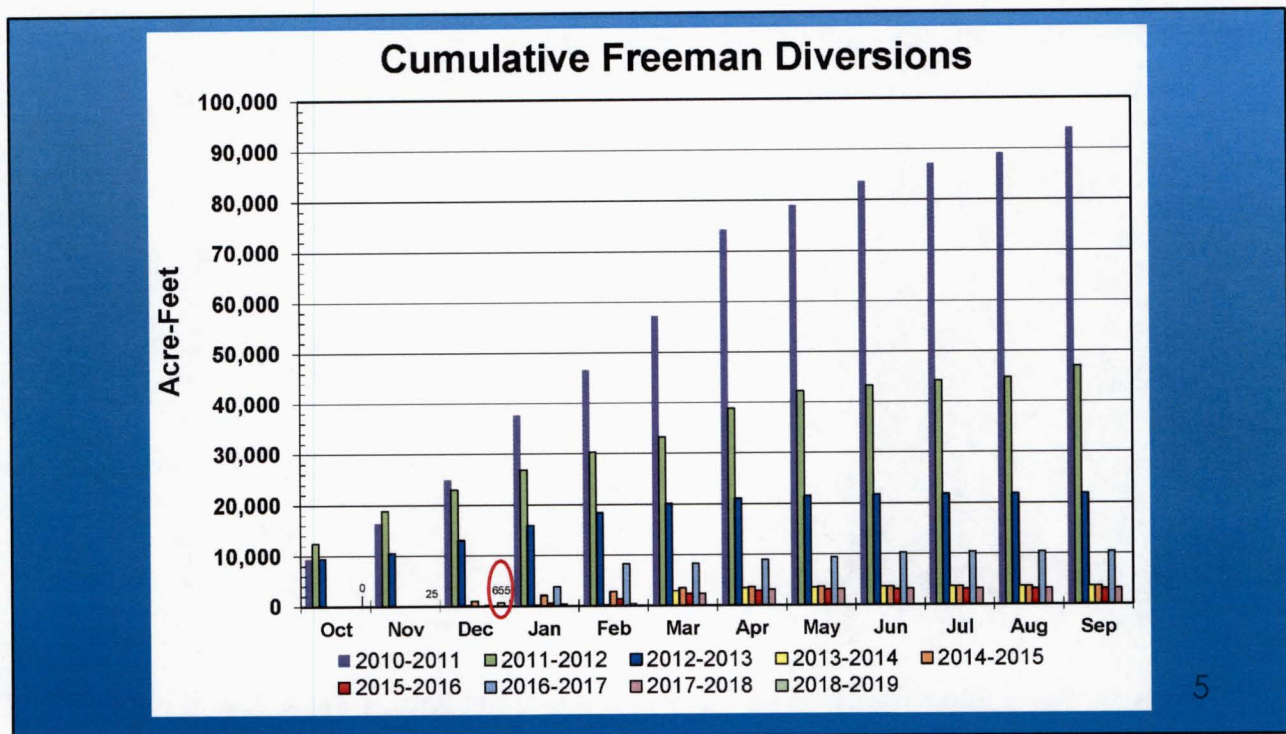
Storms produce drier than average snow in Sierras

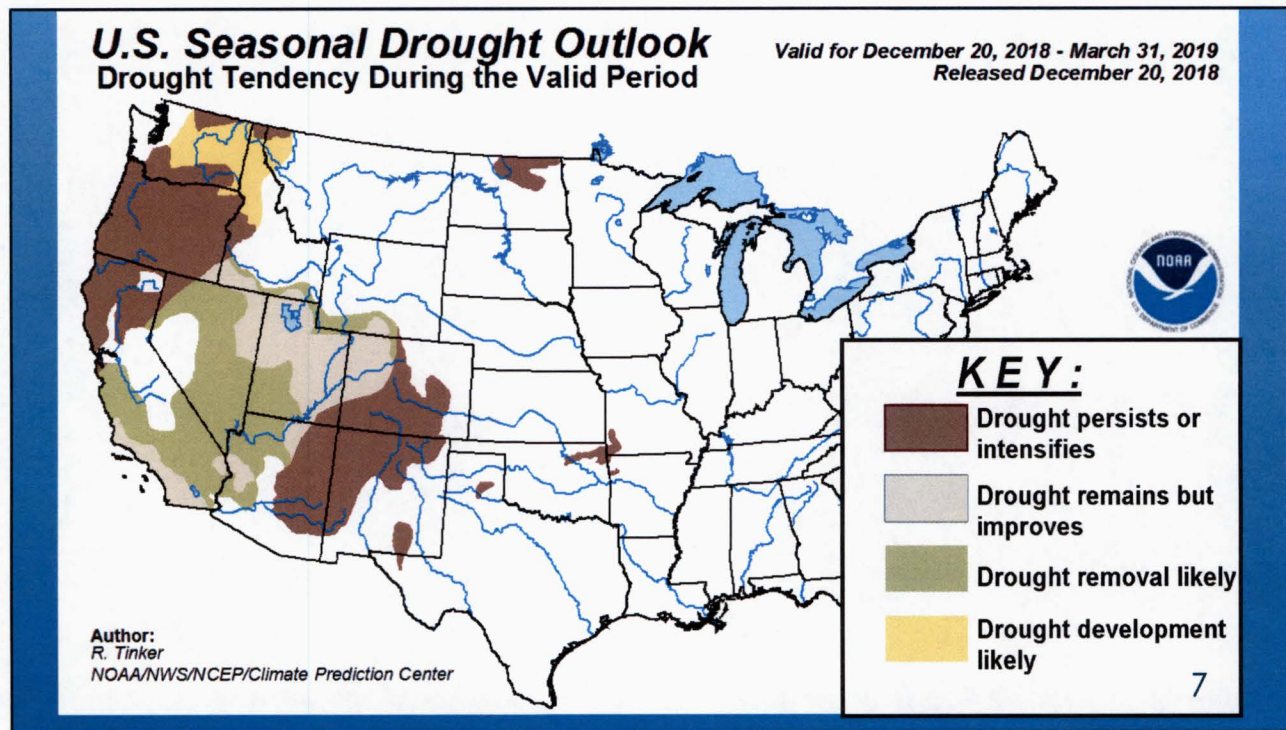
By Dawn Hodson

3

On average,
Santa Paula
receives 28% of its
total water-year
rainfall by the
end of
December, and
**51% by the end of
January.**







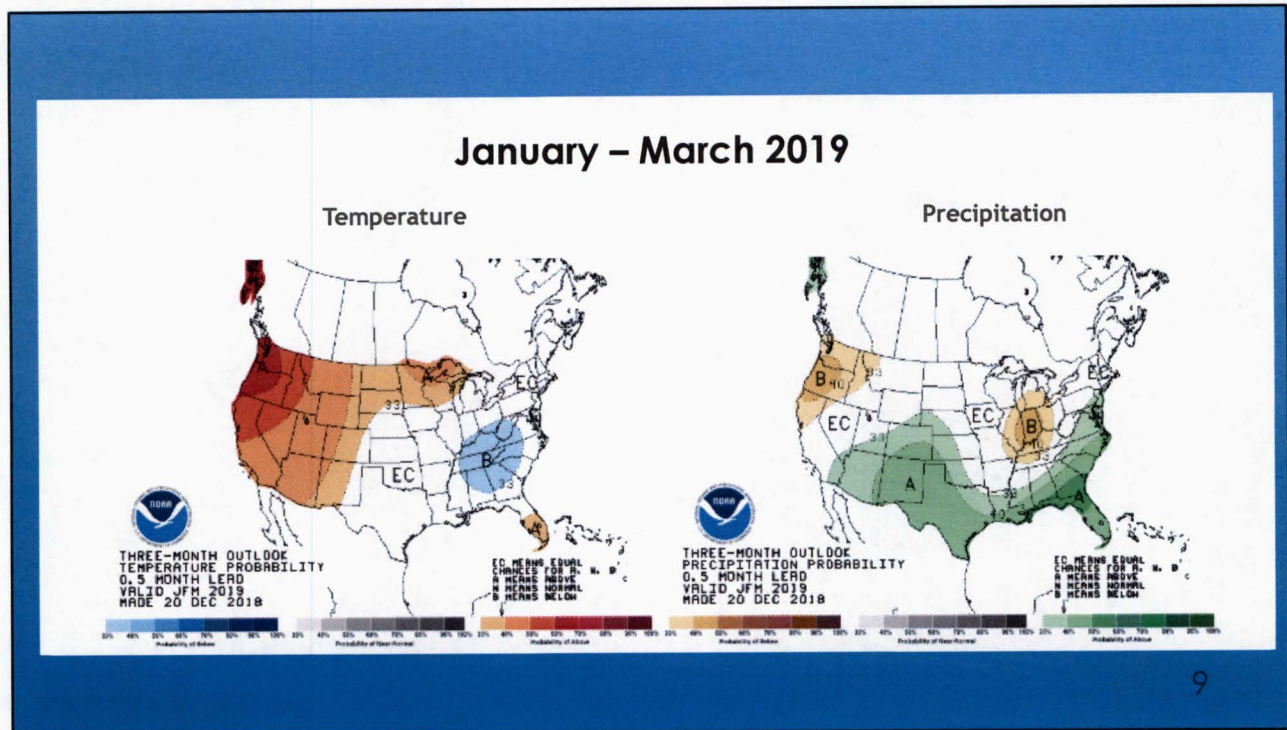
El Niño/Southern Oscillation (ENSO)

Recent Evolution, Current Status and Predictions:

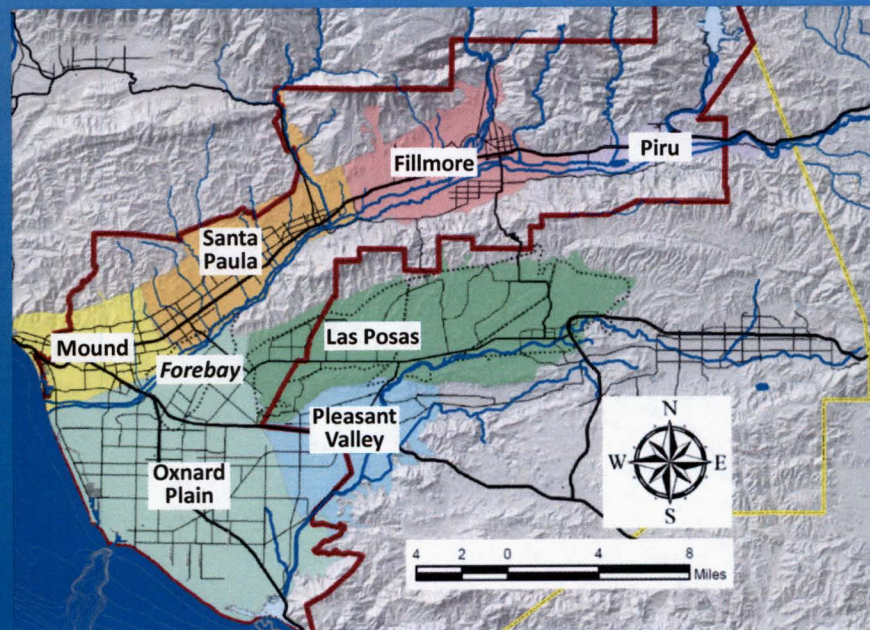
- ENSO-neutral conditions are present.
- Equatorial sea surface temperatures (SSTs) are above average across most of the Pacific Ocean.
- El Niño is expected to form and continue through the Northern Hemisphere winter 2018-19 (~90% chance) and through spring (~60% chance).

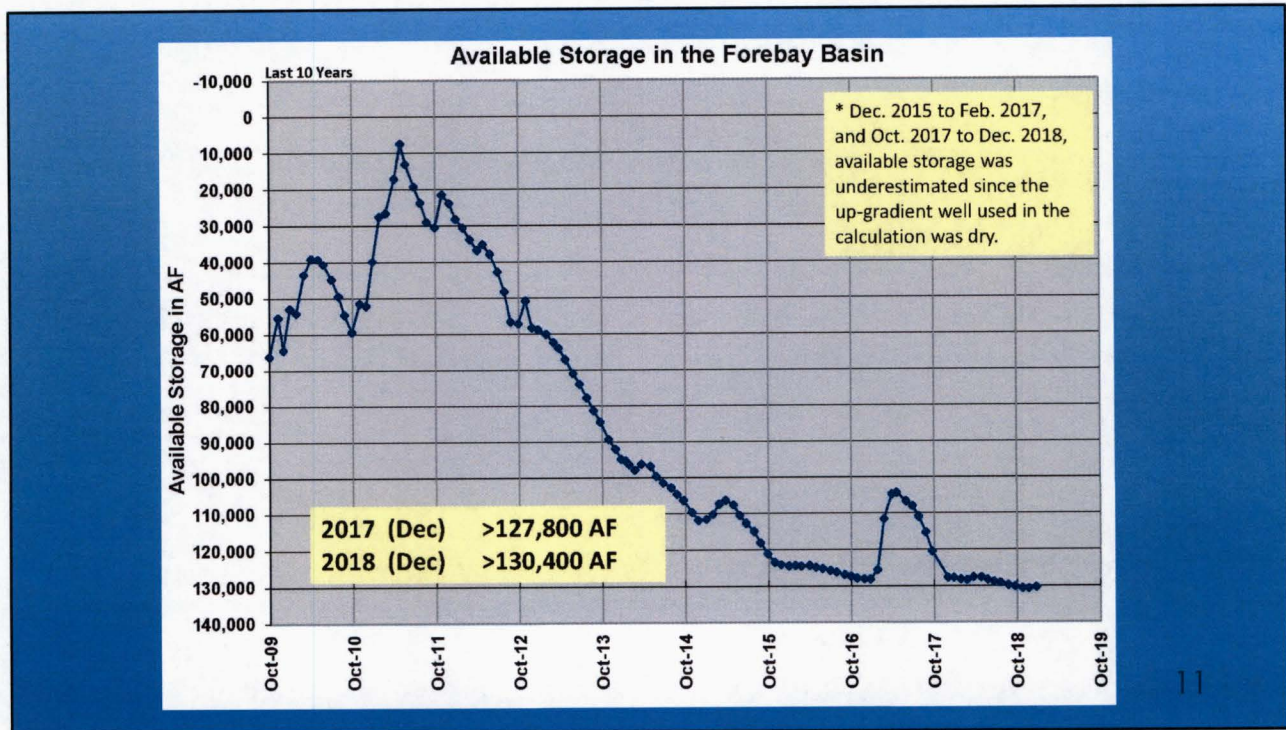
Update prepared by:
Climate Prediction Center / NCEP
7 January 2019



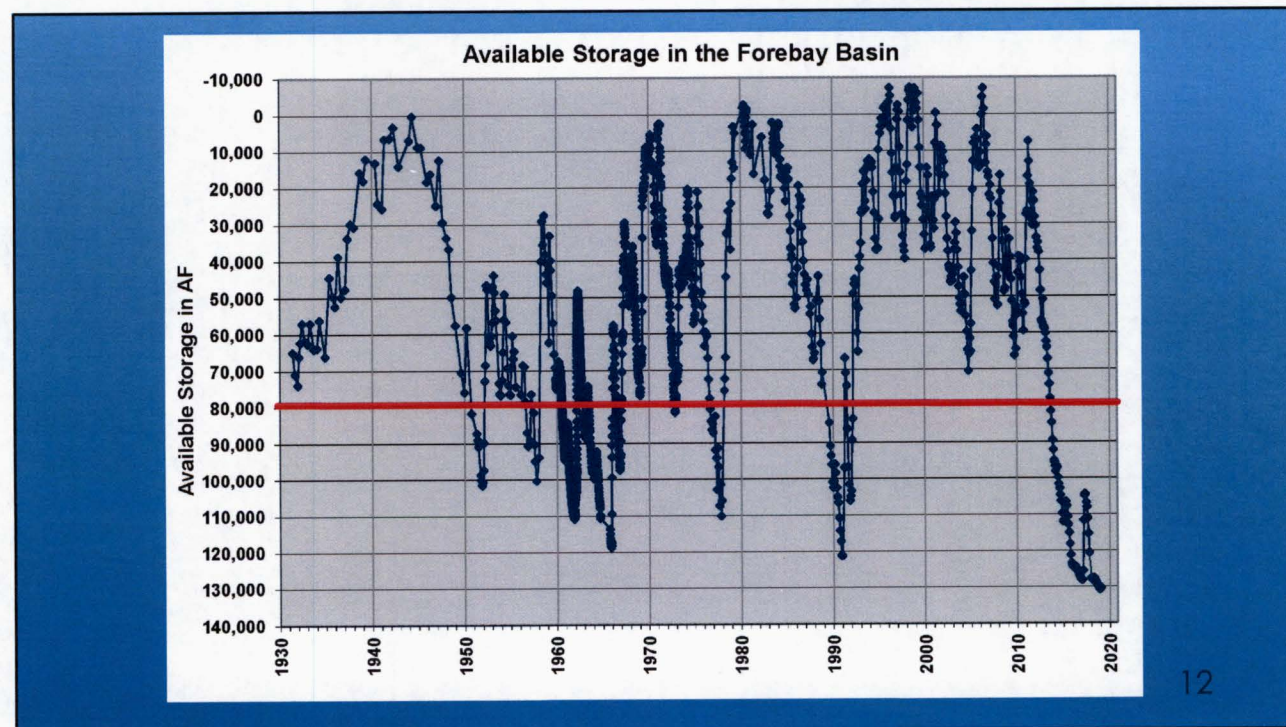


2. Groundwater Conditions by Basin

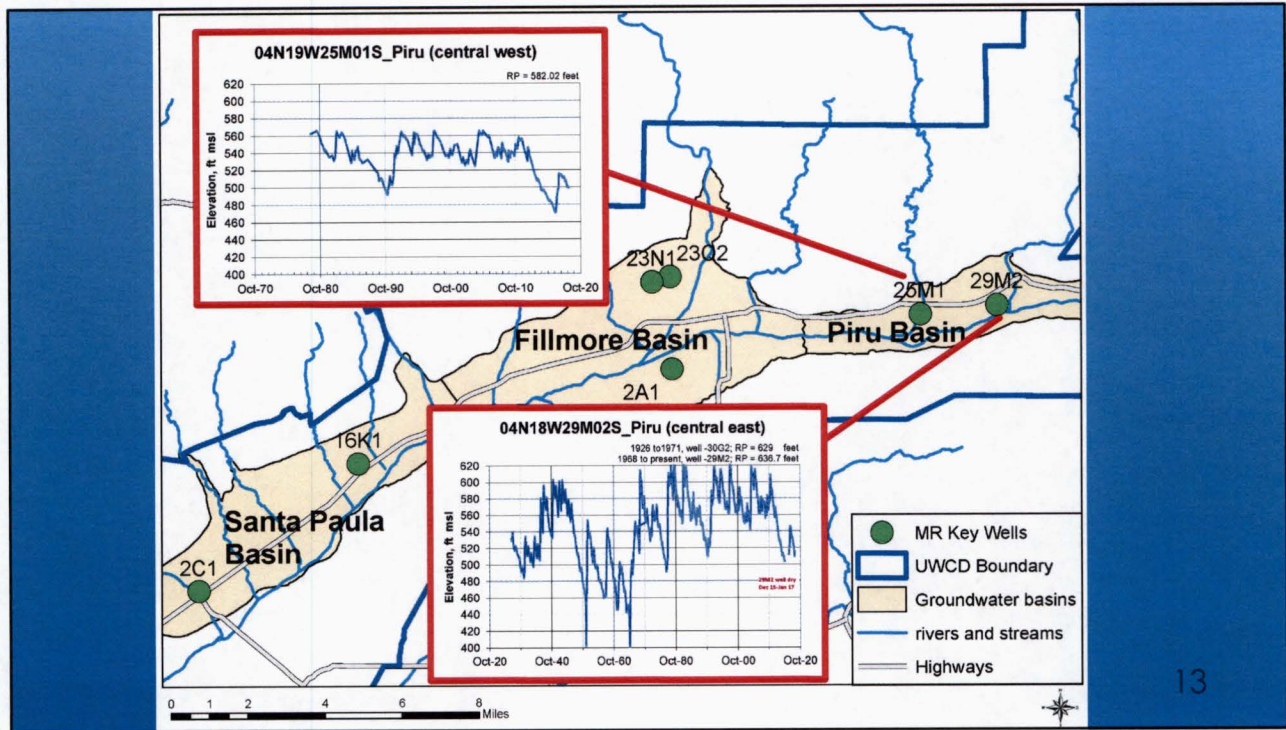




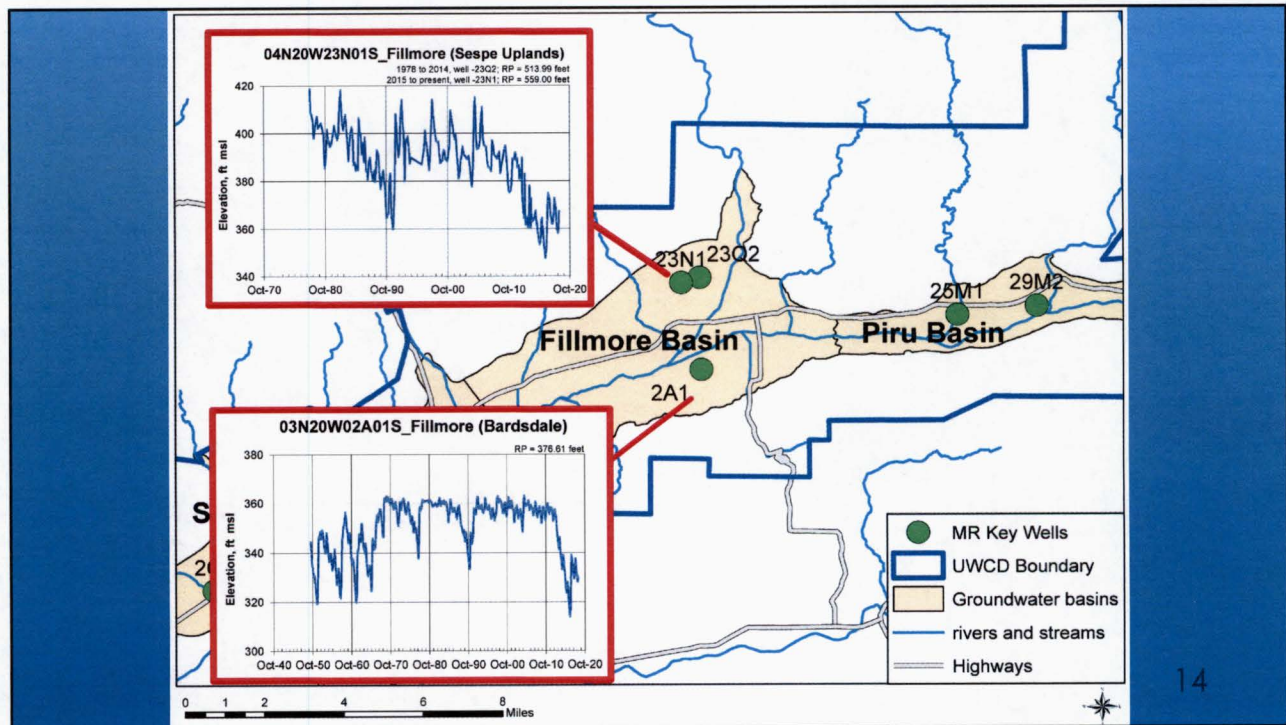
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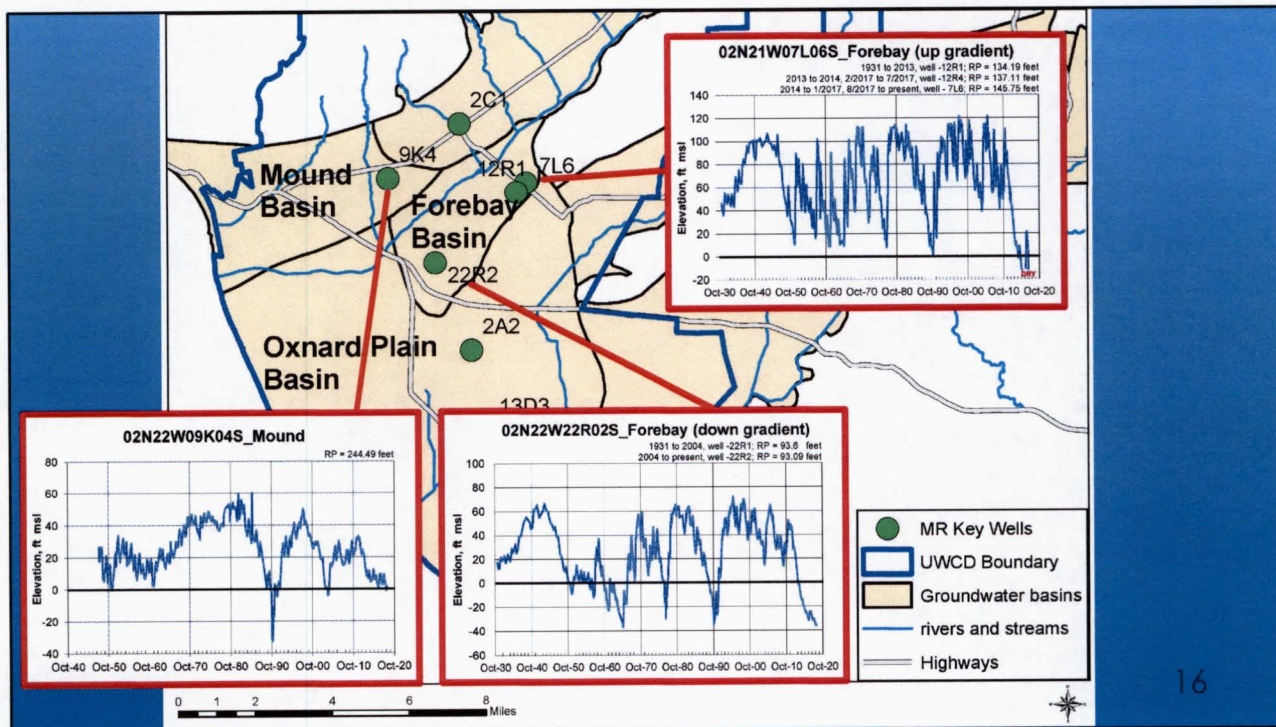
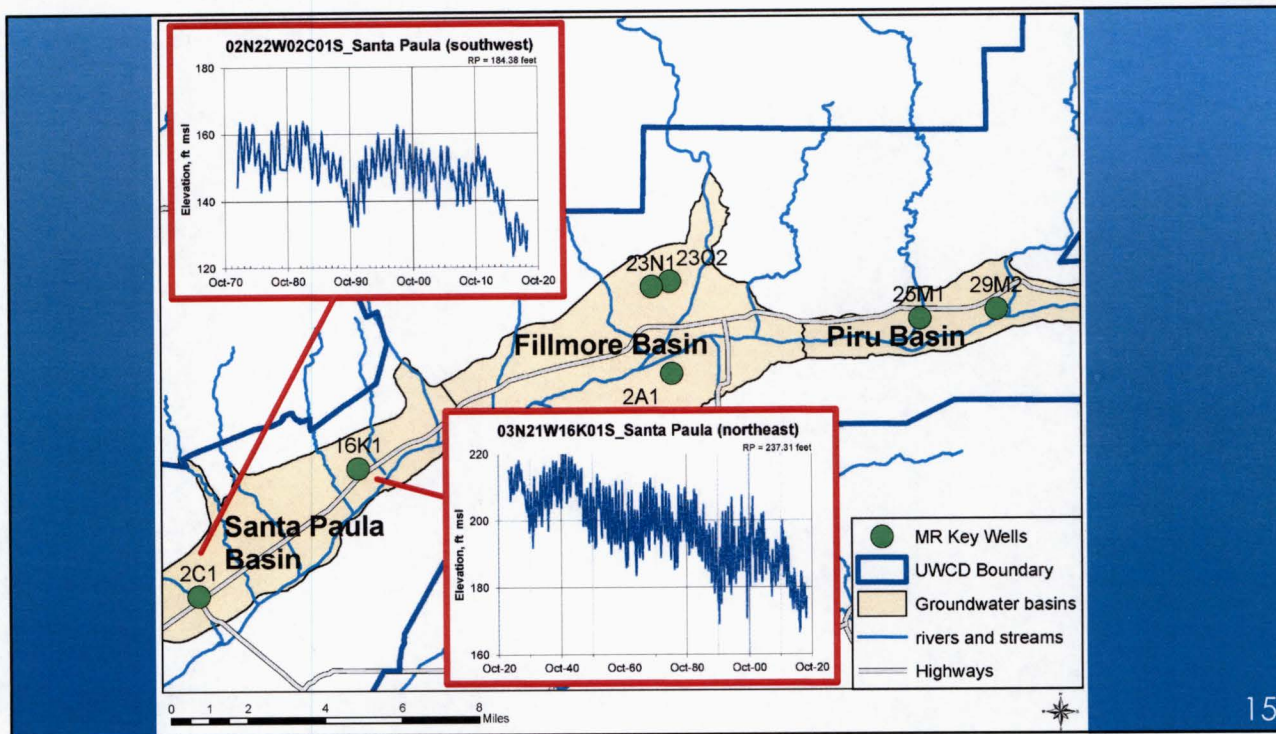
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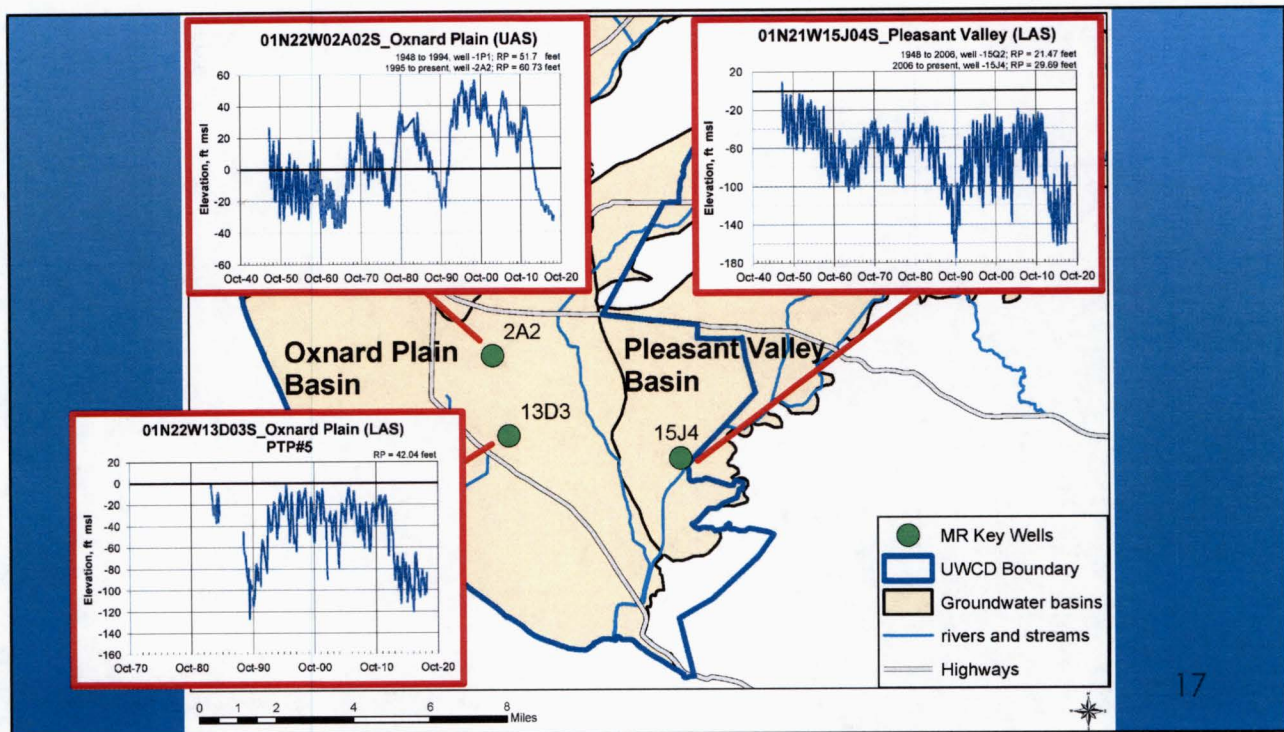


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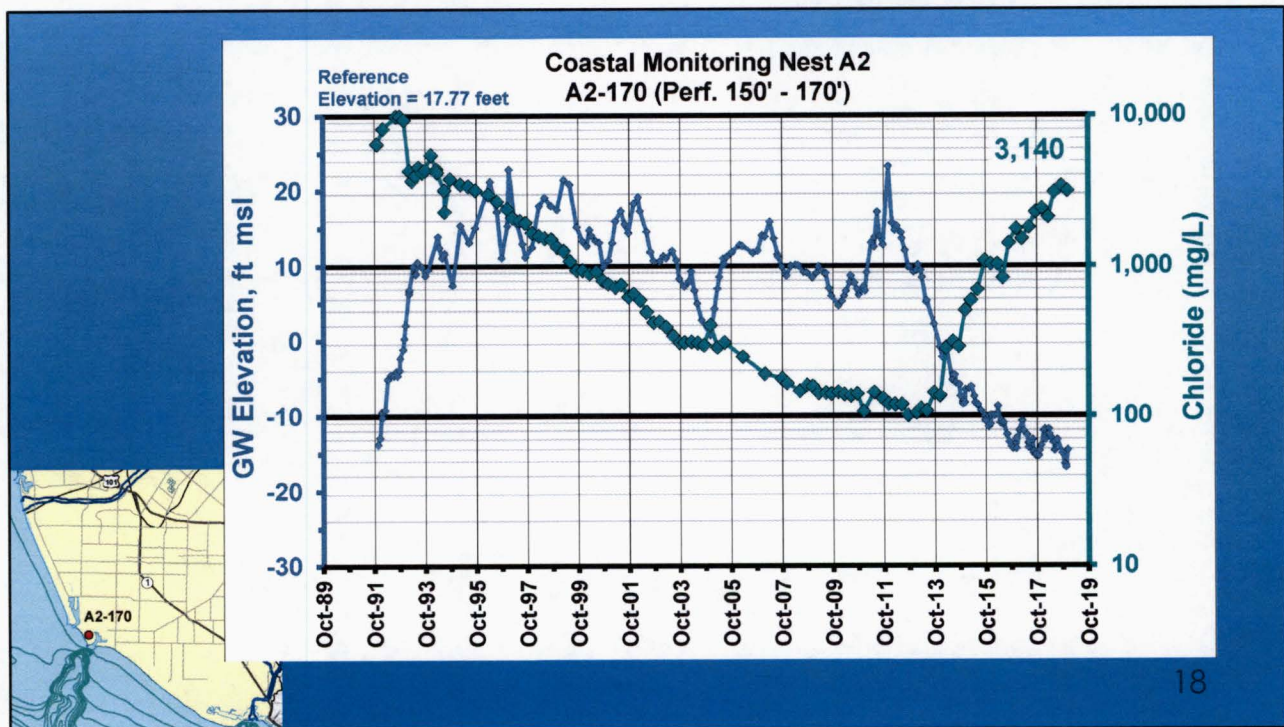


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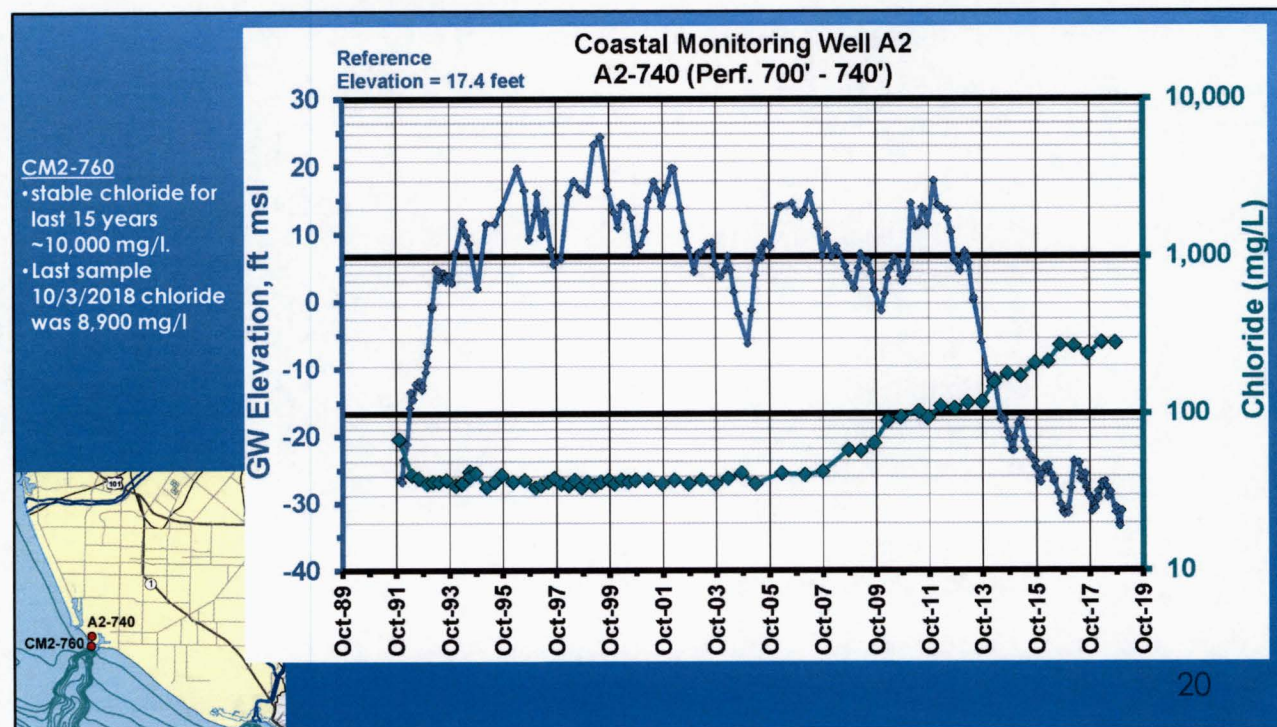
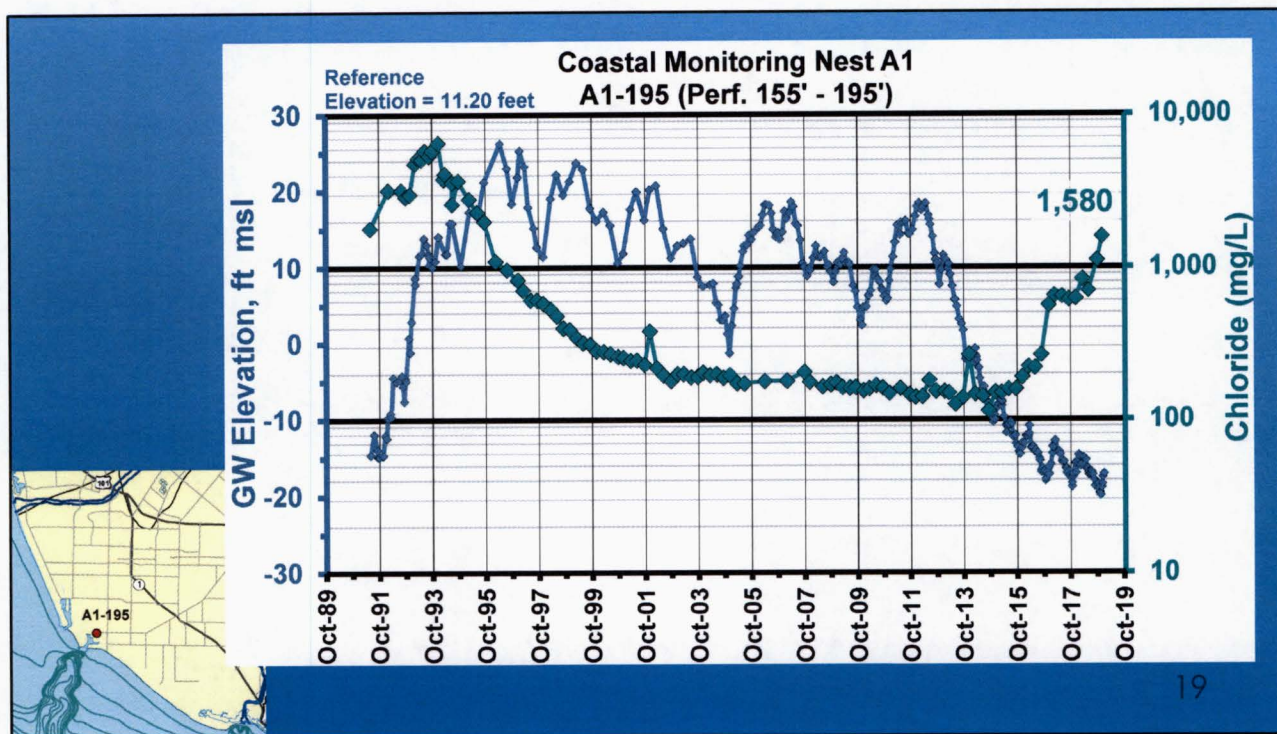


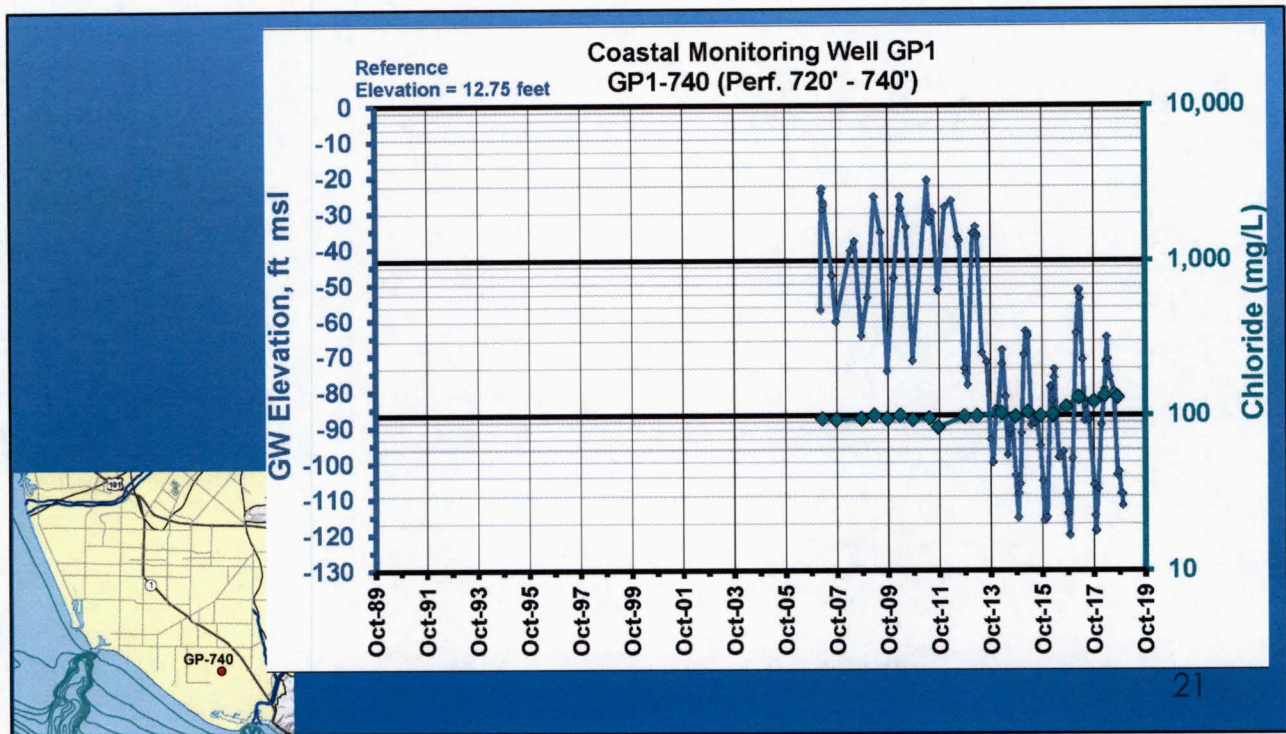


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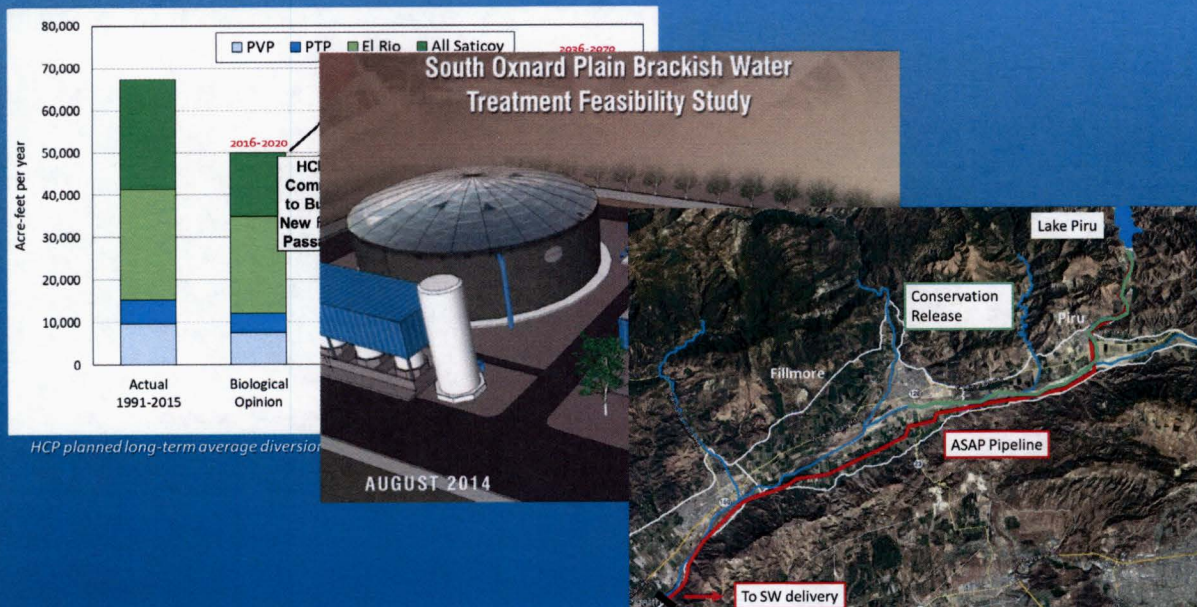


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3. Other GW Dept. Activities



Groundwater (and Surface Water) Modeling

- ☐ Expanding conceptual model up the Santa Clara River basins (Santa Paula, Fillmore, & Piru)
 - ☐ Numerical model to follow
- ☐ Support Engineering with groundwater modeling of potential ASAPP impacts
- ☐ Support water-supply projects by:
 - ☐ Ventura
 - ☐ Camarillo

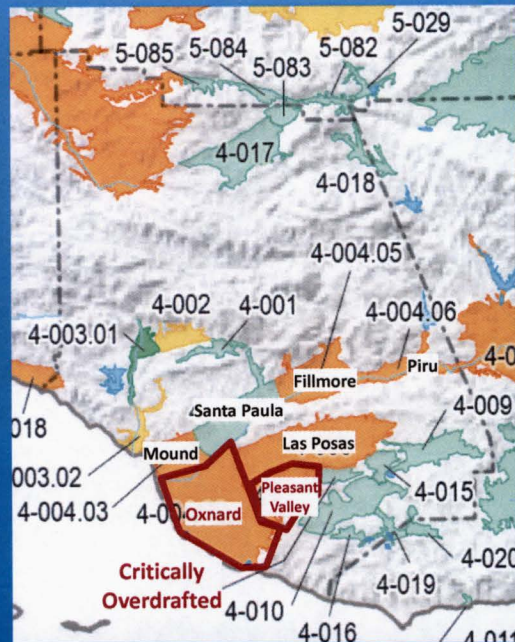
23

Other Project and Planning Support

- Support EPCD with fish passage/flow requirement parameters and design
- Evaluation of spreading rates and geotechnical properties of Ferro spreading basin
- Outreach and education
- GW Dept. staff development and recruiting
- SGMA/GSP support (details provided in subsequent slides)

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5.4 UPDATE ON GSAs AND SGMA

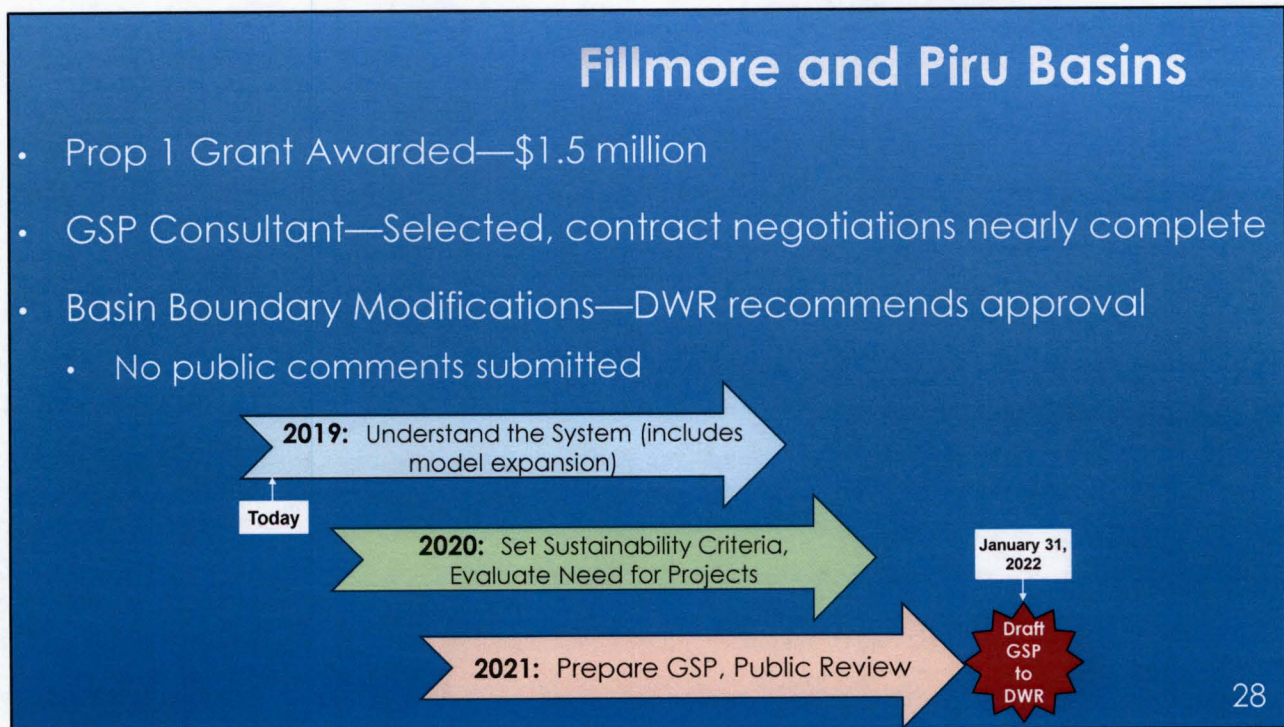
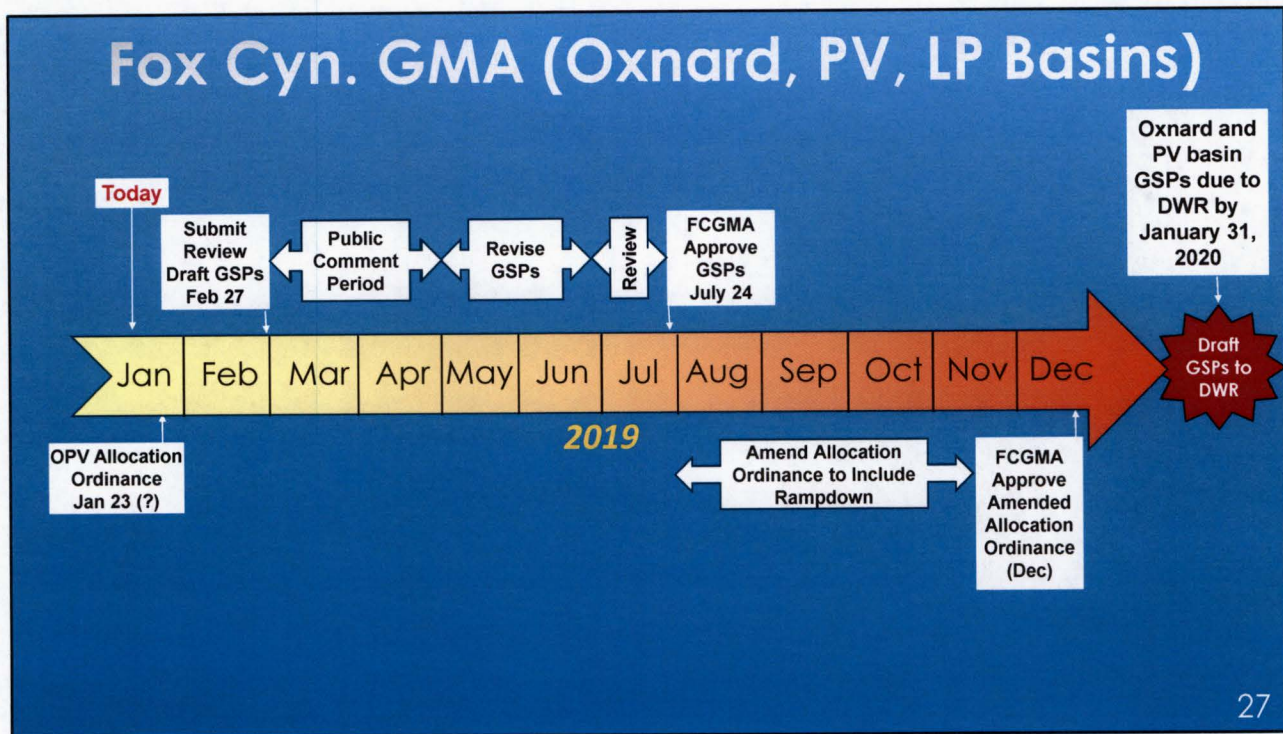


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Fox Cyn. GMA (Oxnard, PV, LP Basins)

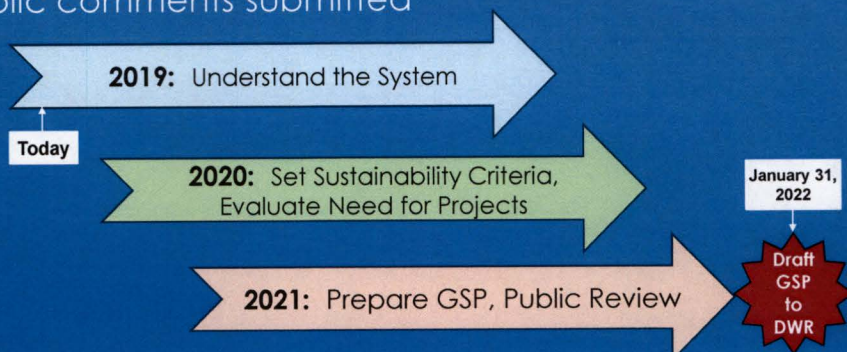
- TAG - Working with consultant to develop draft sustainability criteria
 - Next meeting Jan 17
- United (and Intera)- Conducting forward modeling under direction of GMA staff and consultant

26



Mound Basin

- Prop 1 Grant Awarded—\$750,000
- GSP team—Bryan Bondy, United (reimbursed), consultant (TBD), if needed
- Basin Boundary Modifications—DWR recommends approval
 - No public comments submitted

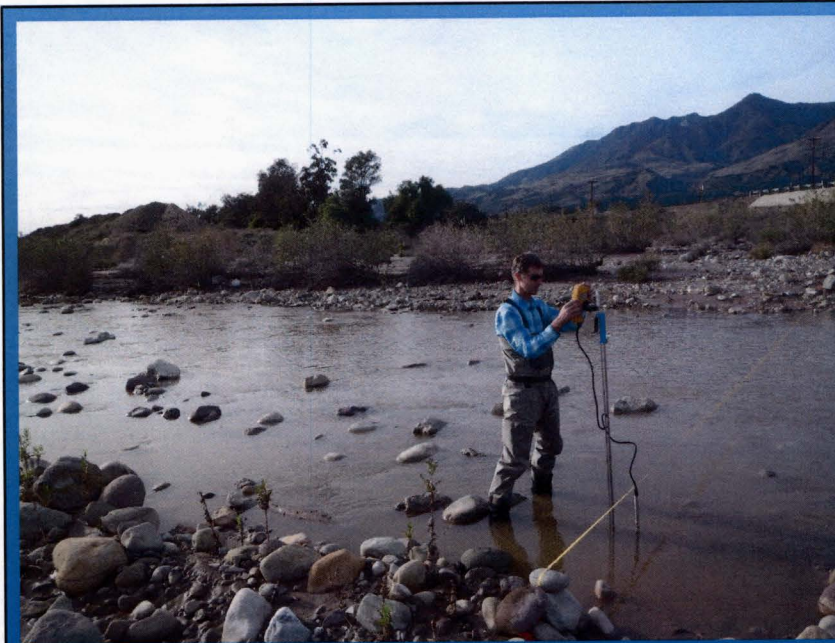


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Santa Paula Basin (Adjudicated)

- ❑ 2017 Annual Report—Draft nearly complete (United)
- ❑ Technical and Financial Working Group activities:
 - Developing “triggers” proposal
 - Exploring funding for future “Practical Measures” water-supply projects
- ❑ Technical Advisory Committee meeting in February

30



*United Associate Hydrologist
Bram Sercu measuring
percolation rates in Sespe
Creek, January 8, 2019*

THANK YOU