



MINUTES
REGULAR BOARD MEETING
Wednesday, May 17, 2023, 12:00 noon
UWCD Headquarters' Boardroom
1701 N. Lombard Street, Oxnard CA 93030

Directors in Attendance

Bruce E. Dandy, president
Sheldon G. Berger, vice president
Lynn Maulhardt, secretary/treasurer
Mohammed A. Hasan, director
Catherine P. Keeling, director
Gordon Kimball, director
Daniel C. Naumann, director

Staff in Attendance

Mauricio Guardado, general manager
David Boyer, legal counsel
Anthony Emmert, assistant general manager
Maryam Bral, chief engineer
Roger Cano, recharge O&M worker I
Marissa Caringella, environmental services manager
John Carman, operations and maintenance program supervisor
Brian Collins, chief operations officer
Nyvee De Leon, senior accounting technician
Dan Detmer, water resources manager
Natalie Everton, park ranger cadet
Marylou Fulton, assistant accounting technician
Hannah Garcia-Wickstrum, environmental scientist
Thomas Gonzales, recharge O&M worker I
Tony Huynh, risk and safety manager
Tessa Lenz, environmental scientist-regulatory affairs
Janessa Lopez, accountant II
Murray McEachron, principal hydrologist
Randall McInvale, principal environmental scientist
Jesse Mitchell, environmental services field technician
Craig Morgan, engineering manager
Josh Perez, chief human resources officer
Macy Petrula, park ranger cadet
Zachary Plummer, technology systems manager
Ed Reese, technology systems specialist
Destiny Rubio, human resources generalist
Ruben Sanchez, water treatment operator IV
Bram Sercu, senior hydrologist

Board of Directors
Bruce E. Dandy, President
Sheldon G. Berger, Vice President
Lynn E. Maulhardt, Secretary/Treasurer
Mohammed A. Hasan
Catherine P. Keeling
Gordon Kimball
Daniel C. Naumann

General Manager
Mauricio E. Guardado, Jr.

Legal Counsel
David D. Boyer

UWCD Board of Directors Regular Meeting MINUTES

May 17, 2023

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James “JD” Smallwood, recharge O&M worker II

Kris Sofley, clerk of the Board

Adriana Stovall, environmental scientist – regulatory affairs

Clayton Strahan, chief park ranger

Brian Zahn, chief financial officer

Public in Attendance

Steven Delledera, Black & Veatch

Rachael Laenen, Kimball Ranches - El Hogar

Joe Marcinko, City of Oxnard

Jim Watson, Black & Veatch

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

President Dandy called the meeting to order at 12noon. He then asked if there were any public comments.

1.1 Public Comments

Information Item

None were offered.

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

President Dandy asked District’s Legal Counsel to outline the items the Board will be discussing in Executive (Closed) session. Mr. Boyer reported that pursuant to Government Code Section 54956.9(d)(2), the Board members would be discussing one case of potential litigation; and pursuant to Government Code Section 54956.9(d)(1), the Board would be discussing six cases of existing litigation, including City of San Buenaventura v UWCD, Wishtoyo Foundation v UWCD, OPV Coalition v Fox Canyon GMA, UWCD v United States, UWCD v California Fish and Game Commission and State of California – Department of Transportation v UWCD and Southern California Edison.

President Dandy adjourned the meeting into Executive (Closed) session at 12:03p.m.

2. SECOND OPEN SESSION AND CALL TO ORDER 1:00 P.M.

President Dandy called the Second Open Session of the UWCD Board of Directors meeting to order at 1:02p.m. He then asked Director Hasan to lead everyone in the Pledge of Allegiance.

2.1 Pledge of Allegiance

Director Hasan led everyone in reciting the Pledge of Allegiance.

2.2 Public Comment

Information Item

President Dandy asked if there were any comments from the public at this time. None were offered.

2.3 Approval of Agenda

Motion

President Dandy asked General Manager Mauricio Guardado if there were any changes to the agenda. He said no. President Dandy then asked for a motion.

Motion to approve the agenda, Director Maulhardt; second, Director Hasan. Voice vote: five ayes (Hasan, Keeling, Kimball, Maulhardt, Dandy); none opposed; two absent (Berger, Naumann). Motion carries unanimously.

2.4 Oral Report Regarding Executive (Closed) Session

Information Item

President Dandy asked District Legal Counsel David Boyer to report out of Executive session. Mr. Boyer reported that the Board took no action in Executive session that is reportable under the Brown Act.

2.5 Board Members' Activities Report

Information Item

President Dandy asked if there were any questions or comments regarding the Board Members' Monthly Activities (aka per diem) Reports. None were offered.

2.6 General Manager's Report

Information Item

General Manager Mauricio Guardado addressed the Board providing updates since his last report to the Board in March. He stated that the District was successful in its request for an extension of the flood flow release from Castaic, and that DWR has granted an extension through May 31, providing the District with an opportunity to move some 50,000 acre feet of water from Castaic to the Freeman Diversion for basin recharge. He also reported that he had made a presentation on the District's EBB Water project to LAFCo, which resulted in a letter from LAFCo offering its unanimous support of the project. He also presented the Great Water Heist presentation to the Las Virgenes Water District Board and staff at its recent Board meeting on April 4. The Board members were extremely supportive and pledged their support of the District's efforts to challenge regulatory overreach. He also introduced a number of new members to the United team, including Roger Cano (recharge operation I), Natalie Everton (park ranger cadet), Thomas Gonzalez (recharge O&M worker I), Jeanessa Lopez (accountant II), Jesse Mitchell (environmental services field technician), Macy Petrula (park ranger cadet), and Adriana Stovall (scientist – regulatory affairs). Mr. Guardado also announced staff promotions, including Nyvee De Leon, who was promoted to senior accounting technician; Marylou Fulton promoted to accounting technician; Ruben Sanchez promoted to water treatment operator IV, and James "JD" Smallwood, who was promoted to recharge O&M worker II.

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

2.7 Determination of General Manager's Performance-based Merit Pay

Motion

President Dandy asked for a motion. Motion to award the General Manager performance merit pay at 7.5 percent of his FY 2022-2023 salary, Director Naumann; second, Director Maulhardt. Roll call vote: seven ayes (Berger, Hasan, Keeling, Kimball, Maulhardt, Naumann, Dandy); none opposed. Motion carries unanimously. 7/0

Director Maulhardt said that the Executive Committee had evaluated Mr. Guardado's performance and agreed that his performance was exceptional. Mr. Guardado thanked the Board and added that his "success is collective," giving credit to staff and saying he couldn't do his job without them and thanked staff for the hard work and understanding the roles and responsibilities that make these achievements possible.

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)

A. Approval of Minutes

Motion

Approval of the Minutes for the Regular Board Meeting of April 12, 2023.

B. Groundwater Basin Status Reports

Information Item

Receive and file Monthly Hydrologic Conditions Report for the District.

C. Monthly Investment 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.

President Dandy asked if anyone had any questions or wanted to discuss any of the items in detail. None were offered.

Motion to approve the Consent Calendar items, Director Maulhardt; second, Director Naumann. Roll call vote: seven ayes (Berger, Hasan, Keeling, Kimball, Maulhardt, Naumann, Dandy); none opposed. Motion carries unanimously. 7/0

4. PRESENTATIONS AND MONTHLY STAFF REPORTS (By Department)

Administrative Services Department – Brian Zahn and Josh Perez

4.1 Monthly Administrative Services Department Report – Josh Perez and Brian Zahn Information Item

Mr. Zahn addressed the Board stating that the department had no presentation, but if the Board had any questions regarding the summary report on the monthly activities of the Administrative Services Department, he would be happy to answer them. None were offered. Mr. Zahn reminded the Board that the Special Board meeting for the Budget Workshop was next Wednesday. Mr. Perez also addressed the Board echoing Mr. Zahn's comments and again, the Board did not have any questions or comments.

Engineering Department – Dr. Maryam Bral

4.2 Monthly Engineering Department Report Information Item

Dr. Bral addressed the Board, saying she had a presentation (see attached slides) and there as more detail in the department's monthly staff report. She then presented updates on the Santa Felicia Dam Safety Improvement Project, including a response to NMFS' FERC submission which is due next week, which was discussed in the Engineering and Operations Committee meeting, that referenced NMFS' 2008 Biological Opinion. She also discussed the Request for Proposal for a construction manager and took a moment to introduce the Board to representatives from Black & Veatch, who were selected by the RFP review group to be awarded the contract.

Director Maulhardt stated that \$180 million plus was the cost of the this project and doing the design work now and doing it right will save money. Dr. Bral advised him that the projected project costs are now estimated at \$200 million. Director Maulhardt said it was important for the District to educate the public that these costs are federally mandated and the District does its best to secure grants and other sources of funding, but eventually, the costs are passed on to constituents. President Dandy added that Dr. Bral had met with the Assistant Secretary of the Interior at ACWA and had a conversation about dam funding, which is one of the advantages of attending ACWA. Director Maulhardt said that part of the District's job is to secure grant funding and that one of every three major projects are mandated and massively expensive. Dr. Bral replied that she will be submitting a Notice of Intent to the Department of Energy in order to take advantage of some of its grant options.

Director Kimball asked Dr. Bral to tell the Board how long it would take to empty the lake at 220,000 cfs (the threshold for maximum flood capacity). Dr. Bral didn't know but Chief Park Ranger Strahan answered it would take 4.25 hours to drain the lake in a catastrophic event. Director Kimball said that why this construction project is so important because it is the District's responsibility to ensure the safety of the people of Piru, Fillmore, Santa Paula and Oxnard.

Dr. Bral proceeded to update the Board on the Iron and Manganese Treatment project, including a recent site visit with representatives from OLDCC who awarded the District \$4.2 million in grant funding for the project. She added that OLDCC grants are now open to projects on military bases, and she will be submitting a letter of intent before June 23 to advise the OLDCC that the District is interested in apply for grant funding for the EBB Water project.

President Dandy asked if there were any questions or other comments for Dr. Bral. None were offered.

Environmental Services Department – Marissa Caringella

4.3 Monthly Environmental Services Department Report

Information Item

Ms. Caringella addressed the Board and asked if there were any questions or comments regarding the department's report on monthly activities before she started her presentation. (see attached slides) None were offered. Ms. Caringella addressed the temporary suspension of CEQA in February which allowed the District to increase State Water imports to Lake Piru via Pyramid Dam. On behalf of the District, DWR requested a temporary variance to its FERC license to allow an increase in State Water imports from 3,150 acre feet to 25,000 acre feet in the 2023-2024 water year. She also reported that 18 fish were photographed at the Freeman Diversion in April and that she will have more details on that in future.

Director Berger said that he hopes Pyramid releases will increase and asked if it capped at 25,000 acre feet. Ms. Caringella replied that a new process would be required for additional releases but that staff is continuing to pursue additional water. Assistant General Manager Anthony Emmert interjected saying that DWR's FERC license states a release of 3,150, but that depends on the potential effects to Arroyo toads, which is a CEQA permitting issue, but DWR is looking to permanently increase its FERC license for Pyramid.

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

Operations and Maintenance Department – Brian Collins

4.4 Monthly Operation and Maintenance Department Report

Information Item

Chief Operations Officer Brian Collins addressed the Board, providing a presentation in support of the department's monthly activities report. (see attached slides) He provided visual support of the Penstock clean-up, an irrigation line repair and an update on the Piru recharge basin. He added that the Satcoy recharge basins were experiencing a "generational" water year and that staff were working hard on the Freeman Diversion sediment management, including flushing three times a week in an effort to continue efficient diversion operations. Director Berger said that when the District took over the "pits," staff had to deal with CEQA regulations, working with the gravel companies and maintenance and more. Over the years, he said, the basins continued to be developed in spite of sitting idle for years. He added that he thought this says a lot about the integrity

of staff who, over the years, advocated for use of the property, preparing it for eventual recharge operations and keeping everything in good condition and that it all came to fruition with this one recent rain event. Director Berger said just look at the amount of water collected and recharged and put to beneficial use at very little cost to constituents. He concluded by saying that staff deserved congratulations as they did a good job and it all worked. Mr. Guardado added that water is still flowing, including flood flows from Castaic that do not include Table A or Article 21 from State Water that has yet to come down from Northern California. Director Kimball said that he owes a thank you to predecessors as the District couldn't have diverted that amount of water without those recharge basins. He also thanked staff for the work it took to make it happen. Mr. Guardado called out John Carman specifically for his photos of the District's operations, stating that Mr. Carman knows how these images help tell the District's story.

Director Berger reiterated that more water, storage facilities, relationships with the military base all bring extra water into Ventura County and that United is the only ones doing it, it's paid for, we've been doing what everyone has been asking for – being ready to take advantage of unique situations. Under Mauricio's direction, he added, the District has done a wonderful job and to see the youth and enthusiasm, it's very exciting and the best is yet to come.

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

Park and Recreation Department – Clayton Strahan

4.5 Monthly Park and Recreation Department Report

Information Item

Chief Park Ranger Clayton Strahan addressed the Board, explaining that he did not have a presentation but as reported in the department's monthly activities report, revenue for Lake Piru is just \$15,000 off from last year at this time, in spite of the park being closed due to recent storm events and the need for debris clean-up. He also reported that the lake is now open for boating and camping reservations are extending into overflow campsites. He added that he hasn't seen this level of camping activity since 2006 and wanted to thank the Board for approval of additional staff which is very much needed as the District enters into its high season period.

President Dandy asked if there were any questions or comments for Chief Strahan. None were offered.

Water Resources Department – Dan Detmer

4.6 Monthly Water Resources Department Report

Information Item

Water Resources Manager Dan Detmer addressed the Board stating that he didn't have a presentation but would like to share some good news, starting with water levels are rising in the forebay and will be impacting the Coastal Plain over the coming year. Staff is supporting the release of flood flows from Castaic Lake to the Downstream Users group, including Newhall Land and Farming in Los Angeles County, who have been very

supportive in the District's efforts to extend the release period. He said that a release of water will benefit downstream basins and that the District normally has until May 1 to take the water, or it reverts to DWR. He mentioned that in 1998 and again in 2005, when there were extreme storm events, the Downstream Users were unable to take any water as there was so much water in the basins they couldn't store it. With the extension of the release deadline to May 31, the release has totaled 26,100 acre feet to date with a current release rate of 460cfs from Castaic, the release volume could total 55,700 acre feet by the deadline. He added that it is an historic event as the District had never done anything like this. And that even releasing some 55,700 acre feet (more than the average yield of Lake Piru) by the end of May, the District still has a full reservoir for a fall release from Lake Piru. Mr. Detmer added that on Monday, the Kern River intertie would add more water to the State Water Project delivery system, likely allowing full Table A allocations and Article 21 water that the District has an opportunity to purchase.

Director Kimball said that today, flood flow capture, using a 50 year old system, is working and that regulatory agencies need to ease up and permanently modify or change the numbers for how much water can be released, captured, diverted with no money required. He called it a perfect story.

President Dandy asked if there were any other comments or questions. None were offered.

5. MOTION ITEMS (By Department)

Engineering Department – Dr. Maryam Bral

5.1 Authorize Approval of a Contract with GEI Consultants, Inc. to Develop the Final Design Phase of the Santa Felicia Dam Outlet Works Improvement Project, Prepare Final Bid Documents and Support Bid Phase

Motion

Dr. Bral addressed the Board and reported that this motion item was discussed and reviewed with the Engineering and Operations Committee. She also said that in June, staff would be presenting a motion to approve a Construction Manager for the project and that Black and Veatch were being recommended by the RFP review group. President Dandy asked if there were any questions or comments. None were offered.

Motion to authorize the General Manager to execute an agreement with GEI Consultants, Inc. (GEI) in the amount of \$867,980 to develop the final design phase of the Santa Felicia Dam Outlet Works Improvement Project, prepare final bid documents and support the bid phase of the project, Director Maulhardt; second, Director Hasan. Roll call vote: six ayes (Berger, Hasan, Keeling, Kimball, Maulhardt, Dandy); none opposed; one absent (Naumann). Motion carries unanimously 6/0/1.

Administrative Services Department – Brian Zahn and Josh Perez

5.2 Approving the use of the State Water Fund to Pay Casitas Municipal Water District State Water Invoice on July 1, 2023

Motion

Mr. Zahn presented the motion item to the Board. President Dandy asked if there were any questions or comments. None were offered. Motion to approve United Water Conservation District's (United) use of the State Water Fund to pay Casitas Municipal Water District's (Casitas) State Water invoice on July 1, 2023, Director Kimball; second, Director Hasan. Roll call vote: six ayes (Berger, Hasan, Keeling, Kimball, Maulhardt, Dandy); none opposed; one absent (Naumann). Motion carries unanimously 6/0/1.

5.3 PUBLIC HEARING

Continuation of Annual Groundwater Hearing to Accept Comment on Groundwater Conditions within the District

In accordance with the District's principal act in the California Water Code, the Board annually conducts a public hearing to consider the conditions of groundwater resources within the District. An "Annual Investigation and Report of Groundwater Conditions" was submitted to the Secretary/Treasurer of the Board on April 4, 2023 and has been available for public review and comment. This hearing was opened on April 12, 2023 and continued to the regular May 17, 2023 and will be continued again to the regular June 14, 2023 Board meeting. At this meeting, staff will give a report about current groundwater conditions, and members of the public will be permitted to give testimony. At its June 14, 2023 meeting, the Board may choose to close the hearing and consider the establishment of zones and the levying of groundwater extraction charges in those zones.

President Dandy asked for public comments. None were offered. Receiving no testimony or evidence at this time, President Dandy continued the hearing to the Board meeting on Wednesday, June 14, 2023 at approximately 1p.m.

6. BOARD OF DIRECTORS READING FILE

7. FUTURE AGENDA ITEMS


President Dandy asked if the Board had any future agenda items it would like to suggest for discussion at a future meeting. None were offered.

8. ADJOURNMENT 2:42p.m.

President Dandy adjourned the meeting at 2:42p.m. to the **Regular Board Meeting scheduled for Wednesday, June 14, 2023** or call of the President.

I certify that the above is a true and correct copy of the minutes of the UWCD Board of Directors meeting of May 17, 2023.

ATTEST: _____


Lynn E. Maulhardt, Board Secretary

ATTEST: _____


Kris Sotex, Clerk of the Board



Legal Counsel
David D. Boyer

MEETING DATE: Wednesday, May 17, 2023 12noon

The signing or registering of your name on this sign-up form is not required but is voluntary. All persons may attend the meetings of the Board of Directors of United Water Conservation District without signing or registering their names on this form.

Representing

Black & Veatch

Black & Veatch

① $x \sim n$ 2

RACHAEL LAENIEN



ENGINEERING DEPARTMENT MONTHLY UPDATE

May 17, 2023



1



Santa Felicia Dam Safety Improvement Project

Design

- May 4 – Motion Item 5.1 (Outlet Works Design/Bid Phase)
- April 17 – 90% Design Workshop Meeting
- April 26 – Meeting with FERC and NMFS to discuss comments on Aug 2022 draft BA

CM Services

- April 17 – Received three proposals: Black & Veatch, Delve Underground, and Mott MacDonald

EAP

- April 18 – E-filed with FERC Functional Exercise After Action and Implementation Plan



03/22/23

2

2

SFD Safety Improvement Project
Background and Expenditures


Santa Felicia Dam Safety Concerns

1. Seismic Loading Vulnerability of Existing Outlet Works and sedimentation near intake tower

2. Existing Spillway Conveyance Capacity Limitation to safely pass IDF of 220,000 cfs

Project Expenditures (Current and Future)

Design, Environmental Compliance and Permit Fees (Total Cost)	\$13.3M* (current)	\$3.5M (future)
Pre-Design	\$1.9M	-
Outlet Works Improvement Design	\$6.2M	\$0.5M
Spillway Improvement Design	\$3.8M	\$1.6M
Environmental Mitigation (Release Channel) Design	\$0.14M	\$0.5M
Environmental Compliance (CEQA/NEPA)	\$0.90M	\$0.4M
Regulatory Agencies Permitting Fee (DSOD, FERC)	\$0.31M	\$0.5M



**Expenditures since 2013*

3

3

Project Proposed Schedule

Today

2019202020212022202320242025202620272028

New Outlet Works

10%30%60%90%100%

Bid PhaseCONSTRUCTION

July 2024Aug 2026

Spillway Improvement

10%Supp. 10%30%60%90%100%

Bid PhaseCONSTRUCTION

Aug 2028

BOC #3
Oct 2018

BOC #4
Dec 2019

BOC #5
Sep 2021


BOC #6
Sep 2022

BOC #7
Jun 2023

BOC #8
Nov 2023

BOC #9
Oct 2024

BOC #10
Sep 2025



FERC Accepted Schedule

4

4

2

Iron and Manganese Treatment Facility

OLDCC Site Visit



5

Iron and Manganese Treatment Facility



Construction Completion: July 21, 2023, incl. 13 inclement weather days
DCIP Completion Date: December 31, 2023



6

Iron and Manganese Treatment Facility



05/01/23

Filter media delivery on site



05/01/23

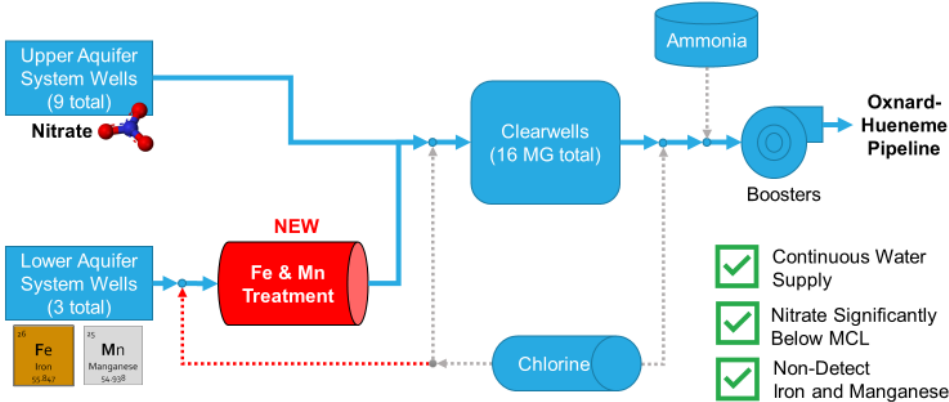
Laboratory room – dry wall installation




7

Iron and Manganese Treatment Facility

PROCESS DIAGRAM



The process diagram illustrates the water treatment workflow. It begins with two sources of water: 'Upper Aquifer System Wells (9 total)' which contain 'Nitrate' (indicated by a red and blue molecular model), and 'Lower Aquifer System Wells (3 total)' which contain 'Fe' (Iron, 55.847) and 'Mn' (Manganese, 54.938). The water from the Lower Aquifer wells passes through a 'NEW Fe & Mn Treatment' unit. Both the treated water and the water from the Upper Aquifer wells then flow into 'Clearwells (16 MG total)'. From the clearwells, the water proceeds through 'Ammonia' and 'Chlorine' treatment stages. The final output goes through 'Boosters' before being sent to the 'Oxnard-Hueneme Pipeline'. A legend on the right side of the diagram lists three achievements: 'Continuous Water Supply', 'Nitrate Significantly Below MCL', and 'Non-Detect Iron and Manganese', each preceded by a green checkmark.



8

Extraction Barrier and Brackish Water Treatment Project



- OLDCC and United site tour, greeting Capt. Kimnach III
- DCIP grant opportunities for projects on military installations
- Final Draft MOA under review
- Draft Discharge Alternatives TM and Letter of Request are under development
- Letter of Support from LAFCo (April 24)



U.S. Department of Defense
Office of Local Defense
Community Cooperation



VENTURA
LOCAL AGENCY
FORMATION COMMISSION


9

9

Public Outreach



Perris II Desalter Tour of Eastern Municipal Water District
Desalination Complex



10

10

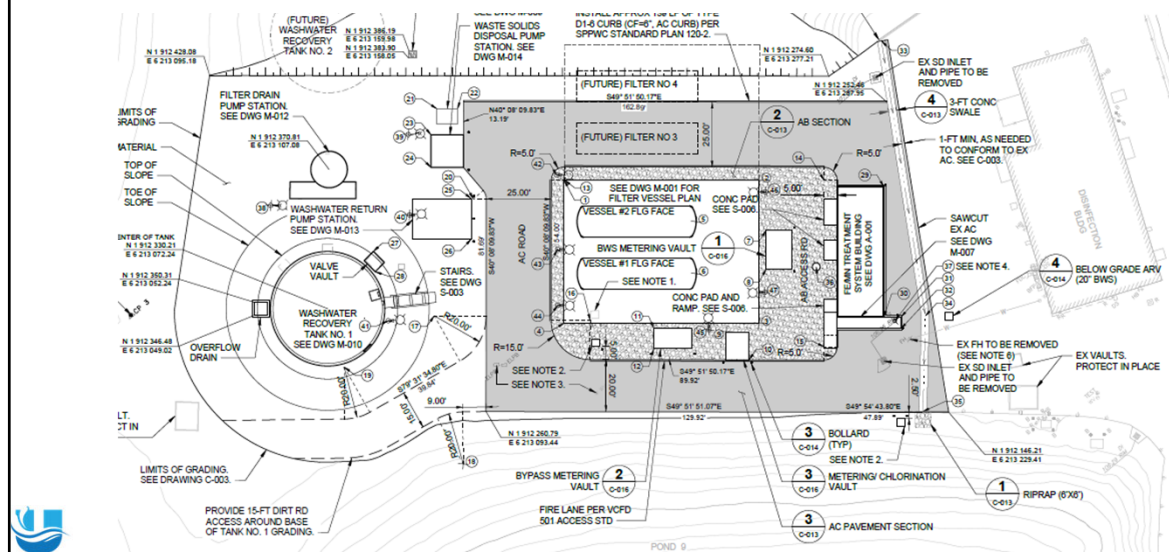
QUESTIONS



11

11

Iron and Manganese Treatment Facility



12

12



Sabrina Kennedy at Saticoy – April 17, 2023

ENVIRONMENTAL SERVICES DEPARTMENT

MONTHLY UPDATE


May 17, 2023




13

Department Summary Updates

- Freeman Diversion operations and fish passage facility
- Increased importation of water from Pyramid Lake to Lake Piru
- Santa Felicia Fish Passage Pre-Implementation Study site access
- Tour of proposed EBB Project locations at U.S. Navy Base Point Mugu



Freeman Diversion downstream view – April 10, 2023



Freeman fish ladder in use – April 10, 2023

14

Robbie Gambelli at Freeman – April 17, 2023



QUESTIONS ?



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**OPERATIONS AND MAINTENANCE
DEPARTMENT MONTHLY UPDATE**


May 17, 2023



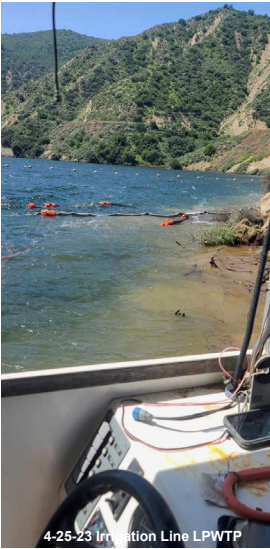
16

Santa Felicia Dam


Penstock Storm Cleanup – Grading




4-12-23 Penstock Cleanup




4-25-23 Irrigation Line LPWTP



4-12-23 Piru Recharge Basins



4-12-23 Piru Recharge Basins



17

17

Saticoy Recharge Basins

Generational Water Year



Desilt
Saticoy Basins
Noble 1
Noble 2
Rose Basin
Noble 3

5-3-23 Saticoy Recharge Basins

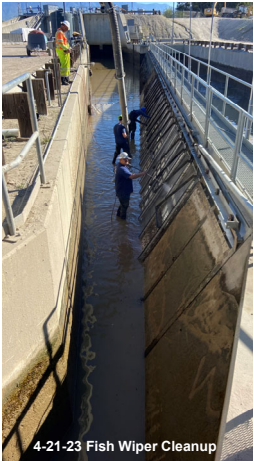


18


18

Freeman Diversion


Sediment Management




4-21-23 Fish Wiper Cleanup



4-21-23 Sediment Management



Every
Mon/Wed/Friday
Flush Cycle
5-1-23 Freeman Flush



19

OH Delivery

VFD Room Wire Pull / Shutdown - Post Chlorine Shutdown Gas Engine #4



4-25-23 VFD Electrical Building





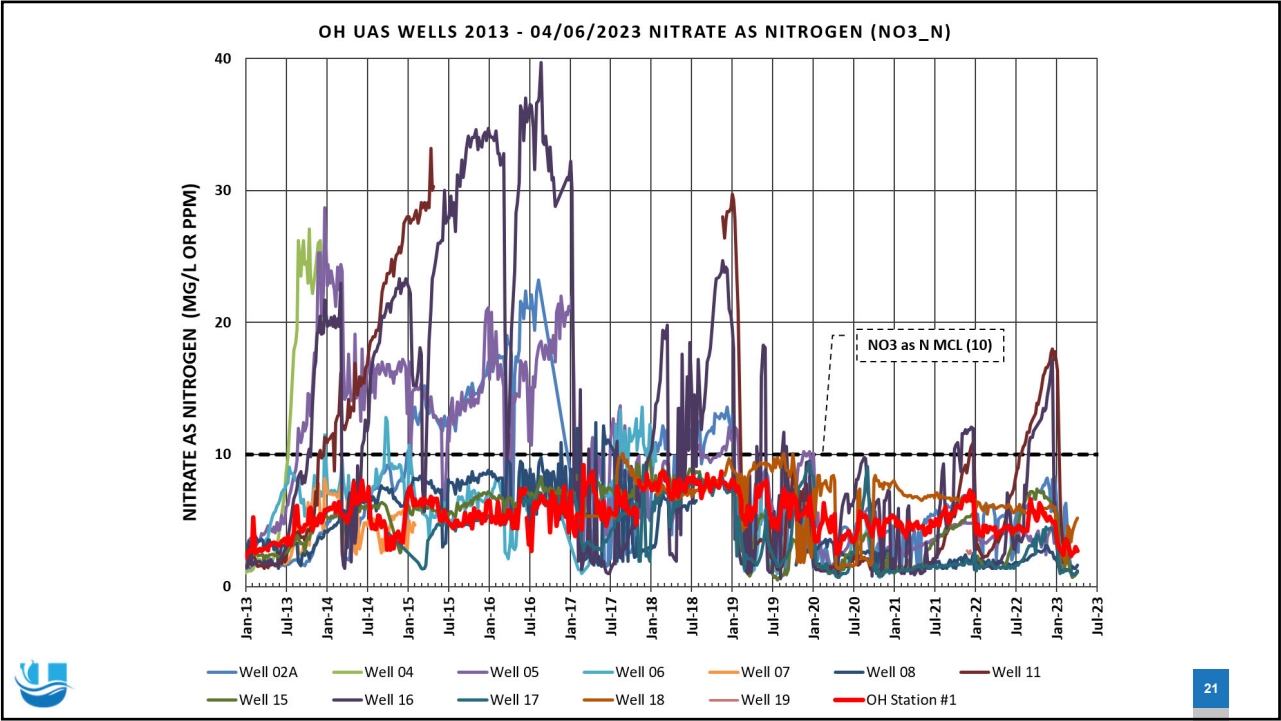
4-25-23 Post Chlorination
Manifold upgrade



4-21-23 El Rio Booster Plant
Gas Engine #4



20



21

Questions?



22

22

Motion Item 5.1

Authorize a Contract with GEI to Develop
the Final Design Phase of the Santa Felicia Dam Outlet Works
Improvement Project

❑ Scope of Work:

▪ Final Analyses and Design Documents

▪ Update Constructability Report and Engineering Cost Estimate

▪ Three-Dimensional Visualization

▪ O&M Manual

▪ Reservoir Operations Plan during Construction

▪ BOC Meeting No. 8 (November 2023)

▪ Design Potential Failure Modes Analysis (PFMA) Support - *Optional*

▪ Preparation of Construction Bid Documents - *Optional*


▪ Bid Phase Support – *Optional*

❑ Contract Fee:

▪ Final Design and Bid Support – Not to Exceed \$867,980 (Included in FY 2023/24)

❑ Contract Terms:

▪ Final Design Completion by November 2023, Contract Expiration: July 15, 2024



23

23

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