



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

General Manager
Mauricio E. Guardado, Jr.

Legal Counsel
David D. Boyer

MINUTES
REGULAR BOARD MEETING
Wednesday, February 10, 2021, 12:00 P.M.
Board Room, UWCD Headquarters
1701 N. Lombard Street, Oxnard CA 93030

Directors Present

Michael W. Mobley, president
Bruce E. Dandy, vice president (participating virtually)
Sheldon G. Berger, secretary/treasurer (participating virtually)
Mohammed A. Hasan
Lynn E. Maulhardt
Edwin T. McFadden (arrived late, participating virtually)
Daniel C. Naumann

Staff Present

Mauricio E. Guardado, general manager
David D. Boyer, legal counsel
Dr. Maryam Bral, chief engineer
John Carman, operations and maintenance program supervisor (participating virtually)
Brian Collins, chief operations officer
Dan Detmer, supervising hydrogeologist
Anthony Emmert, assistant general manager (participating virtually)
Joseph Jereb, chief financial officer
Kathleen Kuepper, hydrogeologist (participating virtually)
John Lindquist, senior hydrogeologist
Murray McEachron, principal hydrologist (participating virtually)
Craig Morgan, senior engineer (participating virtually)
Josh Perez, human resource manager
Linda Purpus, environmental services manager (participating virtually)
Robert Richardson, senior engineer (participating virtually)
Dr. Jason Sun, senior hydrogeologist/modeler (participating virtually)
Peter Witman, park ranger cadet (participating virtually)

Public Present

Frank Brommenschenkel, Frank B and Associates (participating virtually)
Dennis Cardoza, Foley & Lardner (participating virtually)
Burt Handy, (participating virtually)
Patrick Kelly, (participating virtually)
Brian Wheeler, AALRR (participating virtually)

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

President Mobley called the meeting to order at 12noon.

1.1 Public Comments

Information Item

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

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

President Mobley asked District's Legal Counsel, David Boyer, to outline the discussion items for today's Executive (Closed) Session.

Mr. Boyer reported that the Board would be discussing one case of anticipated litigation pursuant to Government Code Section 54956.9(d)(2) and five cases of existing litigation pursuant to Government Code Section 54956.9(d)(1), including three cases with the City of San Buenaventura, one with Wishtoyo Foundation and one with the estate of Naya Rivera and her minor child.

President Mobley adjourned the meeting into Executive Session at 12:05p.m.

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

President Mobley called the second open session to order at 1p.m. and asked Director Hasan to lead the group in reciting the Pledge of Allegiance.

2.1 Pledge of Allegiance

Director Mohammed A. Hasan

2.2 Public Comment

Information Item

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

2.3 Approval of Agenda

Motion

President Mobley asked if there were any changes to the agenda. General Manager Mauricio Guardado replied there were no changes to the agenda.

Motion to approve the agenda, Director Maulhardt; Second, Director Naumann. Voice vote: six ayes (Berger, Dandy, Hasan, Maulhardt, Naumann, Mobley); none opposed; one absent (McFadden). Motion carries unanimously 6/0/1.

2.4 Oral Report Regarding Executive (Closed) Session

Information Item

District Legal Counsel David D. Boyer reported the Board voted unanimously (six ayes Berger, Dandy, Hasan, Maulhardt, Naumann, Mobley) to appeal the judgement in the existing litigation case of the City of San Buenaventura v. UWCD et. al (Santa Barbara County Superior Court Case No. 1467531). No other action was taken in Executive (Closed) Session that is reportable under the Brown Act.

2.5 Board Communication

Information Item

Director Berger reported his participation at the February 3 Recreation Committee meeting, the February 9 Finance and Audit Committee meeting and AWA VC meetings on February 7 and January 21. He also participated in a legislative ad hoc committee meeting on the 19th of January. He also reminded everyone that the AWA VC meeting on February 18 would focus on the District's Coastal Brackish Groundwater Treatment Plant project with the U.S. Navy, who were also participating in the update, and encouraged everyone to attend.

Director Dandy reported his participation at the January 12 Finance and Audit Committee meeting, the UWCD Board meeting on January 13, the VCSDA meeting on February 2, at which time he was asked to serve as president of the organization and he said yes, that he would serve as president of VCSDA. Al Fox will remain as vice president and now it is just figuring out how to handle the election process.

Director Naumann reported his participation at the AWA VC meeting on January 21, a prep meeting for the Fox Canyon GMA meeting on January 24 and his virtual participation at the Fox Canyon GMA Meeting on January 27. He also attended the VCSDA meeting on February 2, the Engineering and Operations Committee meeting and the Regional Air Defense for the 21st Century meeting on February 4 and the Finance and Audit Committee meeting on February 9 as well as today's Board meeting. He also reported that he was receiving numerous phone calls regarding the variance requests for Fox Canyon GMA, people inquiring about the philosophy of UWCD.

Director Maulhardt reported his participation at the Water Resources Committee meeting on February 2 and the Engineering and Operations Committee meeting on February 4.

Director Hasan reported his participation at the Recreation Committee meeting on February 3, several online training webinars and meetings with legal counsel and Dr. Mathis. He also reported that, as co-founder of Ocean Foresters, an innovative global resource for food and energy, he participated in the Ocean Decade Convention last week.

President Mobley reported that since the last Board meeting, he has attended the Mound Basin GSA Board meeting on January 21, and the next Mound Basin GSA Board meeting on February 18; a Special Fox Canyon GMA Board meeting on February 8 and the regular Fox Canyon GMA Board meeting on January 27, as well as the next Fox Canyon GMA Board meeting on February 24, the AWA meeting on January 21, a Fox Canyon GMA prep meeting with Director Naumann and United staff on January 25 and a prep meeting for today's Board meeting with the GM on February 9.

2.6 General Manager's Report

Information Item

General Manager Mauricio Guardado reported that he had no additional items to add to his report.

2.7 Update on Public Health Mandates Regarding Coronavirus Pandemic (COVID-19)

Information Item

The GM introduced HR Manager Josh Perez by stating that the Board had requested an IT plan to meet the current and future technology needs of the District, and that Mr. Perez will address that plan in his presentation to the Board entitled "COVID-19 Technology Enhancement Plan" (see attached slides).

Mr. Perez reported that all Board members and key staff would receive an iPad device that would improve communications across the board. Director Hasan asked what happens when other technology is rolled out, such as Elon Musk's Starlink, would this be compatible with that technology? IT Administrator Zachary Plummer responded to Director Hasan saying that Starlink is not part of the AT&T technology that would be used by the District for these devices currently.

Director Dandy asked if the system would prevent hacking, like what happened to the water system in Florida. Mr. Perez replied that more effective and secure systems were part of the plan and the District was employing cybersecurity and threat monitoring.

Mr. Perez added that the funds for this upgrade are included in the budget now and that he welcomes feedback through the General Manager as to implementation of the plan.

2.8 Public Hearing

Proposed Ordinance No. 25 - Consideration to Increase the Compensation of the Board of Directors

Motion

President Mobley opened a Public Hearing to receive public comments on the proposed adoption of Ordinance No. 25, approving an increase in the Board of Director's per diem from \$226 to \$237 per day. No public comments were offered.

Motion to approve Ordinance No. 25, Director Dandy; Second, Director Naumann.

Director Maulhardt stated that he was not in favor of an increase at this time, even though it was a small amount of money. He was concerned that in the current environment, when many have lost their businesses and jobs, that this is the wrong message at the wrong time. He again stressed that it was the amount of the increase but rather the symbolic gesture of the Board giving itself a raise, so he was voting No, as he is against the motion.

Director Hasan agreed with Director Maulhardt, saying the timing is not right and suggested that when COVID goes away, maybe the motion could be brought back for the Board's consideration. And for that reason, he too was voting No.

Voice Vote: three ayes (Berger, Dandy, Naumann); three nays (Hasan, Maulhardt, Mobley); one absent (McFadden). Motion did not pass.

President Mobley continued the Public Hearing to the March 10 Board meeting when all Directors should be present.

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 Revised Minutes for the Regular Board Meeting of December 9, 2020 and the Minutes of the Regular Board Meeting of January 13, 2021.

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.

D. **Second Quarter Fiscal Year Financial Report and Budget Amendments
(July 1 – December 31, 2020)**

Information Item

The Board will review the FY 2020-21 Second Quarter Financial Report for the period of July 1, 2020 through December 31, 2020, review the monthly investment report, and consider approving budget modifications as recommended.

3.E **Standing Committee Assignments and Appointments of Board
Representation to Outside Agencies**

Motion

The President will appoint membership for the District's 2021 standing committees and appoint representatives and alternates to the following organizations: Association of Water Agencies of Ventura County Board of Directors; Association

of Water Agencies of Ventura County Water Issues Committee; Fox Canyon Groundwater Management Agency; Ventura County Special Districts Association; Oxnard Chamber Water Committee; and ACWA JPIA Board of Directors.

3.F Resolution 2021-04 Requesting the Amendment of the District's List of Authorized Signers and Updating the District's Mailing Address on the District's Local Agency Investment Fund (LAIF) account with the California State Treasurer's Office

Motion

The Board will consider approving Resolution 2021-04 requesting the amendment of the District's list of authorized signers and updating the District's mailing address on the District's Local Agency Investment Fund (LAIF) account with the California State Treasurer's Office.

Motion to approve Consent Calendar items, Director Naumann; Second, Director Hasan. Voice Vote: six ayes (Berger, Dandy, Hasan, Maulhardt, Naumann, Mobley); none Opposed; one absent (McFadden). Motion carries unanimously 6/0/1.

4. MOTION ITEMS (By Department)

Engineering Department – Dr. Maryam Bral

4.1 El Rio Water Well No. 19 Construction Project Contract Award to Best Drilling and Pump, Inc.

Motion

Chief Engineering Dr. Maryam Bral addressed the Board, explaining that the District's wells were first established in the 1950s and as part of the Capital Improvement Plan projects, individual wells are targeted each year for destruction and replacement. Six wells have been replaced to date, and now El Rio Water Well No. 6 is scheduled to be replaced with Well No. 19. The District received bids for the project and the lowest responsible bidder, Best Drilling and Pump, Inc., with a bid amount of \$450,774, should be awarded the contract and, if the Board approves, it should also authorize the General Manager to execute the contract with Best Drilling and Pump, Inc. for the construction of El Rio Water Well No. 19.

Director Maulhardt said the Engineering and Operations Committee reviewed this item, which is part of the District's routine maintenance, and the Committee recommends Board approval of the motion. President Mobley asked if the well capacity would be the same. Dr. Bral said yes, and added that the older well's production capacity had declined with age.

Motion to award a construction contract to Best Drilling and Pump, Inc., for the replacement of El Rio Water Well No. 19 and authorize the General Manager to execute the contract in the amount of \$450,774, Director Maulhardt; Second, Director Hasan. Voice Vote: six ayes (Berger, Dandy, Hasan, Maulhardt, Naumann, Mobley); none opposed; one absent (McFadden). Motion carries unanimously 6/0/1.

5. PRESENTATIONS AND MONTHLY STAFF REPORTS (By Department)

Operations and Maintenance – Brian Collins

5.1 Monthly Operation and Maintenance Department Report

Information Item

Mr. Collins delivered a staff report and presentation to the Board regarding the monthly operations and maintenance of District facilities. (see attached slide presentation).

Director Maulhardt reported that a lengthy discussion about the crack in the ground at Lake Piru Recreation area during the Engineering and Operations Committee as the Committee had concerns about a potential storm could cause the entire slope where the crack is to give way. Mr. Collins said staff excavated down four feet and lifted materials up to ‘shore up’ the crack. Staff also presented stormwater and erosion control options to the Committee and offered to gather bids for correcting the problem and bring them back to the Board for its consideration.

Mr. Collins addressed a main line failure during flushing and sediment issues at Satcoy as well as a power outage at the Moss screen resulting from a Southern California Edison public safety power shutoff has resulted in plans for the installation of an emergency generator in the next fiscal year.

Mr. Collins also reported that the Oxnard Hueneme Booster Plant Rehab project was completed and is now [eligible for up to \\$35,000 from SCE’s incentive program](#). The District had secured agreements with both the City of Ventura and Casitas Municipal Water District for the District to purchase their State Water Project carryover water, bringing 3,625 acre feet of water into the District.

Director Hasan stated that he appreciated staff’s efforts regarding the State Water Project and called the results exemplary. Director Maulhardt agreed and added that the District needs to capitalize on all the good news.

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

Park and Recreation Division – Clayton Strahan

5.2 Monthly Park and Recreation Department Report

Information Item

Chief Ranger Clayton Strahan delivered a report and presentation to the Board regarding activities and operations at the Lake Piru Recreation Area. (see attached slide presentation).

Chief Strahan reported that visitation and revenue at Lake Piru was just over \$15,000 for the month of January, which was an 853 percent increase over this time last year. Revenue was on track for similar increase in February, too. He also

stressed that this was just from Day Use as camping was still not allowed due to COVID-19 public health issues.

During the month, Rangers also upgraded the irrigation system so that newly planted trees with thrive and added security cameras to the Ranger Station and the Kiosk entrance. Chief Strahan also reported the disposal of a capsized boat that was removed from the lake and never retrieved by its owner, and other general maintenance to spruce up the area in anticipation of opening for overnight camping soon.

Working with O&M staff, they have cleaned up the swim beach area at Juan Fernandez and the overflow camping area and did some weed abatement in preparation for spring. There was some wind damage to oak trees, which were trimmed and cleaned up and numerous administrative tasks in preparation of the launch of the new website (ExploreLakePiru.com) and the MySites online reservation system for camping and day use.

President Mobley asked if there were any comments or questions from the Board or public.

Director Maulhardt said he had been listening and watching Chief Strahan and was noticing a sense of energy, purpose and direction that was very exciting. He also said he liked the graphics for the online reservation system and believed the whole package would catapult the Lake Piru Recreation Area to a popular family destination, adding that the District needs to market the recreational activities and help get the word out.

Chief Strahan he was excited and even though it was a lot of work, it was fun.

President Mobley added that the demise of PMC may have been a true blessing and the situation was really showing off Chief Strahan's skills and that there is nothing like the Lake Piru Recreation area in the whole of Ventura County.

Water Resources Department – Maryam Bral

5.3 Monthly Water Resources Department Report

Information Item

John Lindquist delivered a report and presentation to the Board on the recommendations set forth by the OPV Core Stakeholders Projects Committee related to proposed basin optimization water sustainability projects and follow up steps related to initial feasibility assessment of selected projects. (see attached slide presentation). He also answered questions from the Board regarding specific projects.

Director Maulhardt said that it was very important to engage the public in the discussions of these projects and cautioned Mr. Lindquist to be careful with terminology that may be off putting to the general public. Director Hasan added

that it may be beneficial to title the projects “Potential Optimization Projects,” as a way of catching the public’s eye and interest.

President Mobley asked if there were any additional questions or comments for Mr. Lindquist. None were offered.

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

Information Item

Mr. Lindquist also updated the Board on the monthly activities of the three local Groundwater Sustainability Agencies (Mound Basin GSA, Fillmore and Piru Basins GSA, and the Fox Canyon Groundwater Management Agency), for which the District serves as a member director, and Santa Paula basin (adjudicated) Technical Advisory Committee (including formation of groundwater sustainability agencies in the District’s basins, stakeholder and basin user groups, joint powers or governance agreements, development of water markets, and potential basin boundary changes). (see attached slide presentation)

Administrative Services Department - Anthony Emmert

5.5 Monthly Administrative Services Department Report – Anthony Emmert

Information Item

Summary report on Administration Department activities was received by the Board.

Engineering Department – Maryam Bral

5.6 Monthly Engineering Department Report

Information Item

Summary report on various water resources, planning efforts and department programs affecting the District was received by the Board.

Environmental Services Department – Linda Purpus

5.7 Monthly Environmental Services Department Report

Information Item

Summary report on environmental and regulatory issues of note to the District was received by the Board.

6. BOARD OF DIRECTORS READING FILE

7. FUTURE AGENDA ITEMS

It was suggested that District signage upgrades should be addressed at a future meeting as there is a new logo and signage should be consistent in branding the District.

8. ADJOURNMENT 3:08p.m.

President Mobley adjourned the meeting at 3:08p.m. to the **Regular Board Meeting scheduled for Wednesday, March 10, 2021** or call of the President.

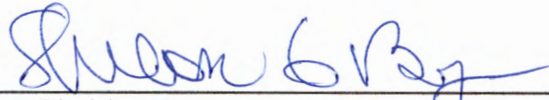
UWCD Board of Directors Meeting MINUTES

February 10, 2021

Page 10

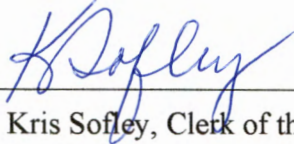
I certify that the above is a true and correct copy of the minutes of the UWCD Board of Directors meeting of February 10, 2021.

ATTEST:



Sheldon G. Berger, Secretary/Treasurer

ATTEST:



Kris Sofley, Clerk of the Board

COVID-19 Technology Enhancement Plan

FEBRUARY 10, 2021

1


Board Feedback



Feedback Received from Board on COVID-19 technology impact:

- Audio Visual Concerns
- Internet Bandwidth Issues
- Meeting Platform (Zoom, Teams, WebEx)
- Additional Board seating area space
- Ability to retrieve agenda digitally and make notes as appropriate
- Ability to aid and assist Board members with meetings

2





Purpose

Enhanced communications on the network first responders rely on.


We built them with your needs in mind.

[Explore solutions](#)







RELIABILITY AND CONNECTIVITY DURING CRISIS



RISK REDUCTION: SECURITY & LEGAL



FINANCIAL: COST EFFECTIVENESS



TECHNOLOGICAL UPGRADE

3

Capabilities of FirstNet Video



4

Access

Situational Awareness on Network Status

08/06/2020 12:01	08/06/2020 05:00	VENTURA	CA	Los Angeles
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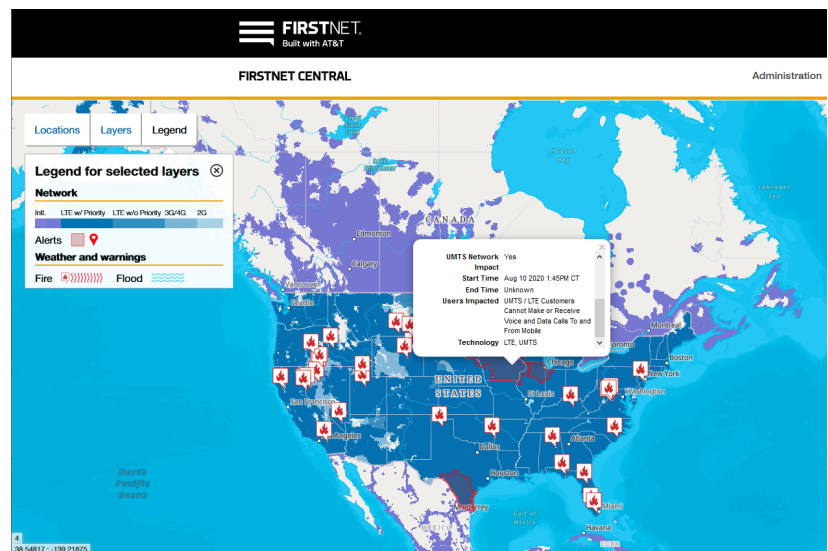
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Reference Number:	VCR000001999359
Service Affected:	E911
Product Affected:	Voice & Data
Type:	CELL SITE Nortel Eric
Item:	Microwave Config. Change
Summary:	RLAG troubleshoot Red Mountain to Rincon

08/06/2020 12:01	08/06/2020 05:00	CASTAIC	CA	Los Angeles
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5

Access

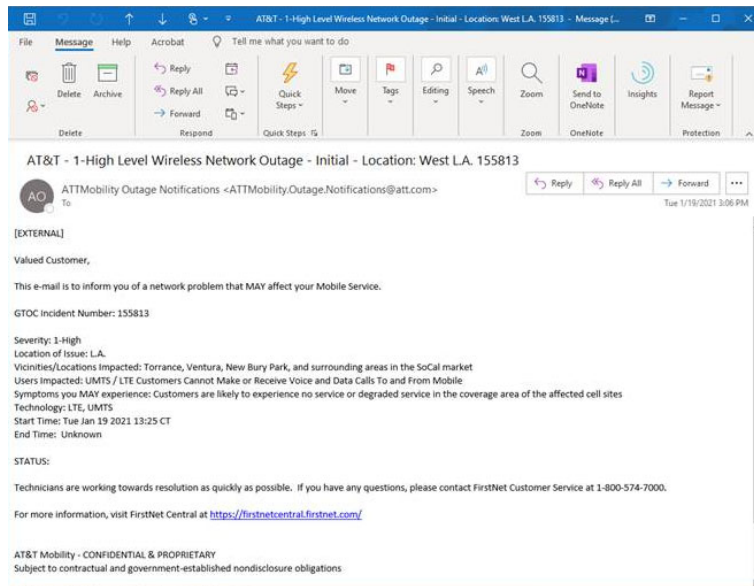
Situational Awareness on Network Status



6

Access

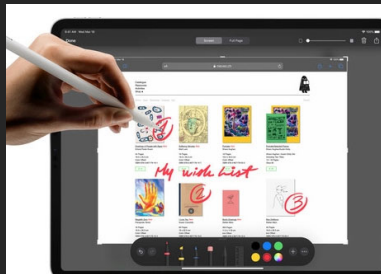
Situational Awareness on Network Status



7

Proposed Solution — Apple iPad Pro Purchase

Purchase Apple iPad Pro devices providing best in class available technology immediately to address Board feedback discussed earlier and to enhance current technological capabilities.



8

Proposed Solution – Benefits



Key Benefits for Board/Staff

- Best in class audio/visual capabilities
- Best in class tech support/white glove service with Mobile Device Management
- Same technology platform distributed to all Board Members so synchronicity of devices in hand
- Preloaded software (Zoom, WebEx, Microsoft Office Suite Excel, Outlook, PowerPoint, Teams) as well as other future applications
- Software designed to ensure seamless transition into committee, board, and constituency meetings
- No additional cost for licensed usage of various Microsoft and web products/services
- Able to proactively detect cybersecurity and respond to cybersecurity concerns

9

Proposed Solution – Benefits (continued)

zoom

Join a Meeting

Sign In



Webex Meetings

- Ease of use and transport and device will feature security features and Band 14: spectrum dedicated to public safety & represents 20MHz of 700MHz spectrum.
- ✓ Demo devices have been tested at all key District locations (including SFD and Lake Piru)
- Provides exceptional coverage in urban and rural areas.
- LTE and Band 14 work together to give priority to those in possession of an assigned device.
- Links – Ease of use to connect to meetings, training provided to Board and staff on use can be synchronized.
- Applications are designed to run on Apple devices.

10

Proposed Solution – Additional Benefits to Board Members and Staff

Prepared presentations saved for meetings with civic leaders, local agency meetings, and key constituents

More effective meetings and scheduling for Board and staff members

Typing capability and notes on documents can be written or noted on screen while viewing or reviewing documents

Versatile easy to use devices that be transported with no need for unnecessary accessories such as adapters and cables

Longer battery life of device in comparison to other potential traditional laptop solutions

Best in class Headset solution (Air pods) provided as an accessory synchronizing audio to the device


El Rio Well Replacement Program
Water Well No. 19 Construction Project

Bid Results:

Best Drilling and Pump: 450,774

Nor-Cal Pump & Well Drilling: \$579,764

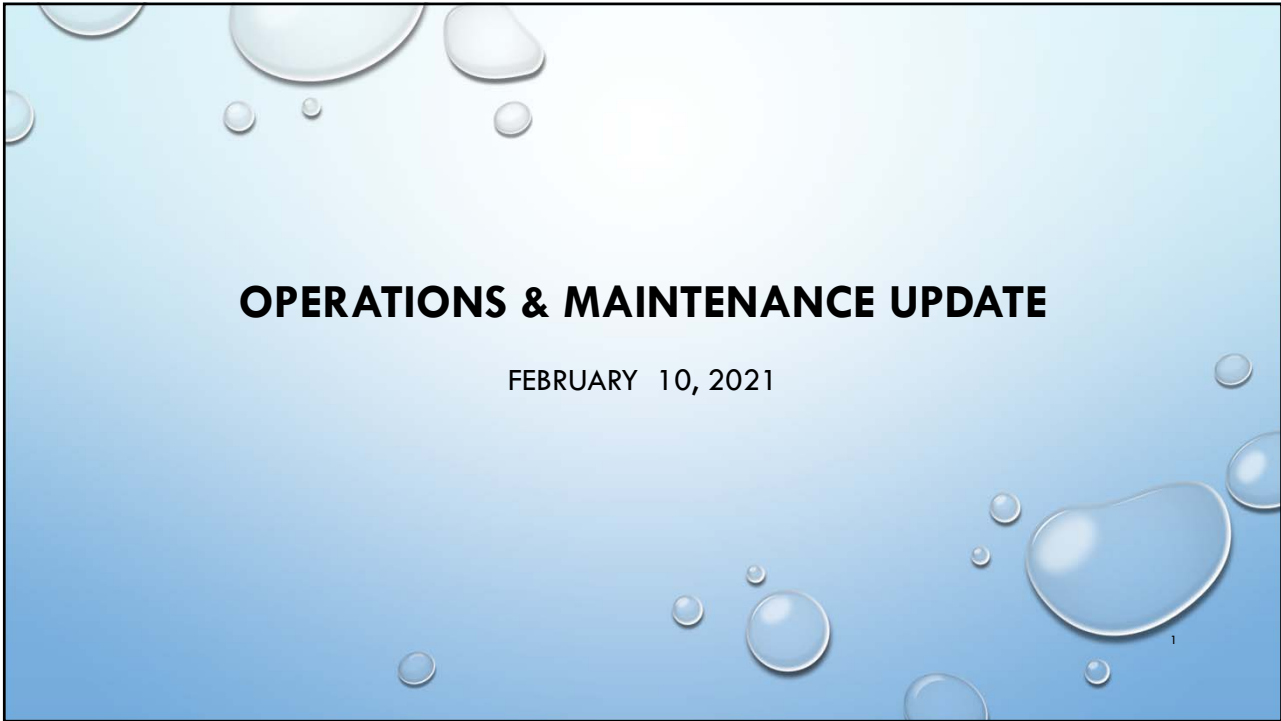
Zim Industries: \$604,874



2/10/2021

Drilling A BOREHOLE TO 475 FT BGS, 32" CONDUCTOR, SANITARY SEAL TO 100 FT BGS, 18" CASING AND WELL SCREENS, GRAVEL PACK AND SOUNDING TUBE
Two Screen Intervals

Notice of Award: Feb 10, 2021
Notice to Proceed: Mar 1, 2021
Completion: Jun 30, 2021



1



2



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4



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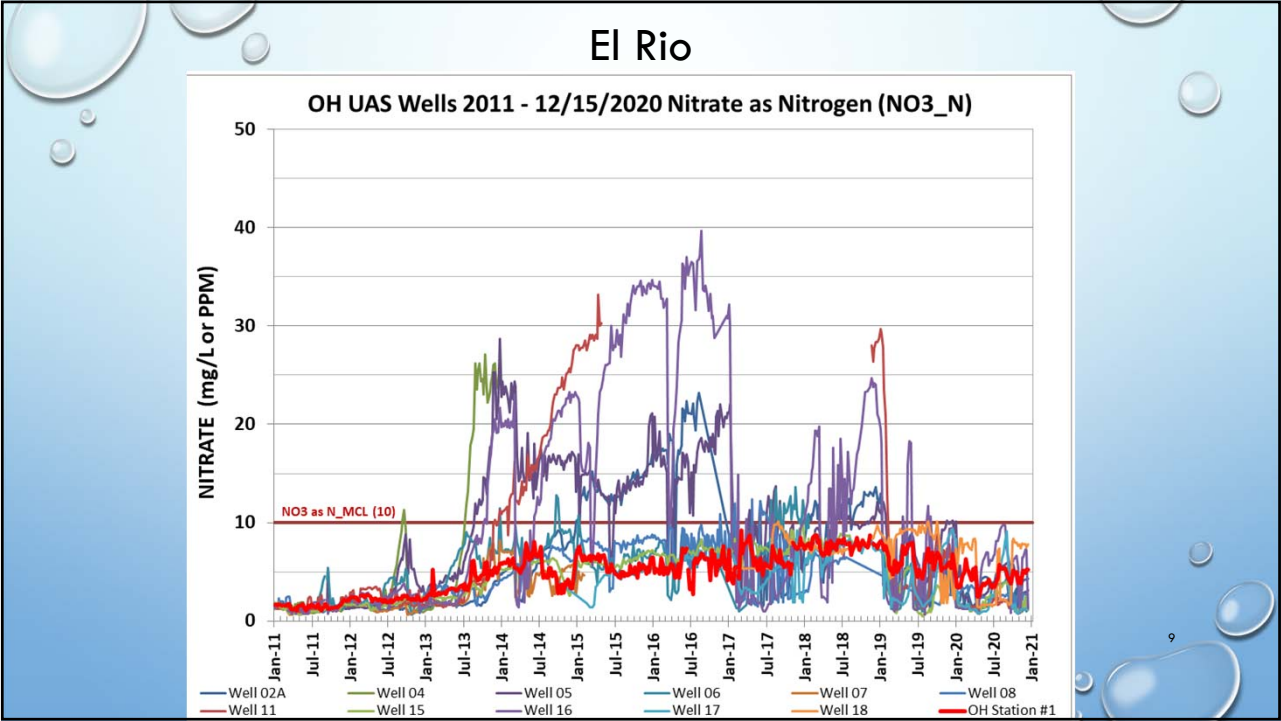
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8



9



10



11

STATE WATER PROJECT UPDATE

- 525 AF ACQUIRED FROM VENTURA WATER.
- 3,100 AF ACQUIRED FROM CASITAS MUNICIPAL WATER DISTRICT.
- **HISTORIC EVENT- 3 AGENCY REGIONAL COLLABORATION! FIRST TIME IN 47 YEARS!**

12



1

Visitation and Revenue Recap

January 2021 vs. January 2020
Day Use Revenue & Visitation Comparison

Year	Cash Revenue	Credit Revenue	Combined Revenue	Persons	Vehicles	Vessels
2021	\$6,410.00	\$7,714.00	\$13,584.00	2317	1040	124
2020	Unknown	Unknown	\$1,598.40	276	154	26

- January 2021 revenue and visitation figures are current through January 24.
- 2020 figures are for entire month and were provided by PMC. To provide equivalent comparison, camping revenue and visitation are not included, as the District is not currently open for these areas.
- 633% increase in revenue** between January 1-20 (2021 vs. same period 2020)
- 637% increase in visitation** between January 1-20 (2021 vs. same period 2020)

2021-02-10

2




➔


Operational Update

- Installed security cameras at the Ranger Station and Kiosk to manage secure cash collection locations
- Interviewed landscape contractors to assess and repair the day-use irrigation system (ongoing)
- Interviewed landscape contractors and secured proposals for potential long term landscape maintenance contracts
- Performed an Inventory audit of the Lake Piru store contents

2021-02-10

3





2021-02-10

4



Operational Update

Began repairs to onsite facilities including:



- Built base pads for Connex storage containers
- Painted and prepped trim for Entry Kiosk repairs
- Contracted quality ag to replace roof on Dog Park restroom
- Arranged account services began ordering processes with House Sanitary for janitorial services

2021-02-10

5



6



Operational Update



- Developed and proposed a draft job description for camp host services which is currently under review by General Counsel
- Implemented cash handling and credit processing procedures and purchased/installed safes for cash security
- Located and repaired domestic water system main line leak
- Began assessing and repairing damaged signs due to wind event

2021-02-10

7



8



Operational Update

Administrative Tasks:

- Reviewed two drafts of the mysites.com reservation system (anticipated launch in February)
- Approved IT purchases of equipment needed for cash handling (desktops, cash drawers, credit card readers, and printers)
- Completed a PCI Compliance Survey for credit card processing at Lake Piru
- Secured a proposal from CV Strategies to develop a customer facing website for Lake Piru

2021-02-10

9



2021-02-10

10

Information Item 5.3:

**Summary of OPV Core Stakeholders Group Projects
Committee Efforts and Recommendations to Date**

*Board of Directors Meeting
February 10, 2021*



1

THE BOTTOM LINE...

The OPV Core Stakeholders group is recommending a suite of new and old water-supply projects for further modeling to:

1. Evaluate whether it is feasible to improve supply and/or sustainable yield to match historical demand.
2. Start firming up estimated yields and costs of projects
3. Better understand potential synergies and challenges

2

The map illustrates the Central Valley Water Project area, highlighting several key basins and infrastructure. The basins shown are MOUND BASIN, OXNARD BASIN, and PLEASANT VALLEY BASIN. The project includes the Freeman Diversion, SWP Interconnect Flushing, and the United Freeman Diversion Expansion. Water is sourced from the Pacific Ocean and the NBVC Pt. Mugu. The map also shows the location of the Oxnard Recycled Water to Farms facility and the Brackish Water Ext. & Treatment facility. A scale bar indicates distances up to 5 miles, and a compass rose shows the cardinal directions.

Water Use (AF/yr) by Water Year

Water Year	Sustainable Yield + New Water Sources (AF/yr)	Overdraft (AF/yr)	Ag Reduced Pumping (60%?) (AF/yr)	M&I Reduced Pumping (40%?) (AF/yr)	Total Projected (AF/yr)
2020	46,100	43,900	0	0	90,000
2025	46,100	43,900	0	0	90,000
2030	50,600	22,400	16,000	8,000	97,000
2035	50,600	16,400	16,000	8,000	91,000
2040	54,600	10,400	16,000	8,000	90,000

Legend:

- Ag Reduced Pumping (60%?)
- M&I Reduced Pumping (40%?)
- Overdraft
- Sustainable Yield + New Water Sources

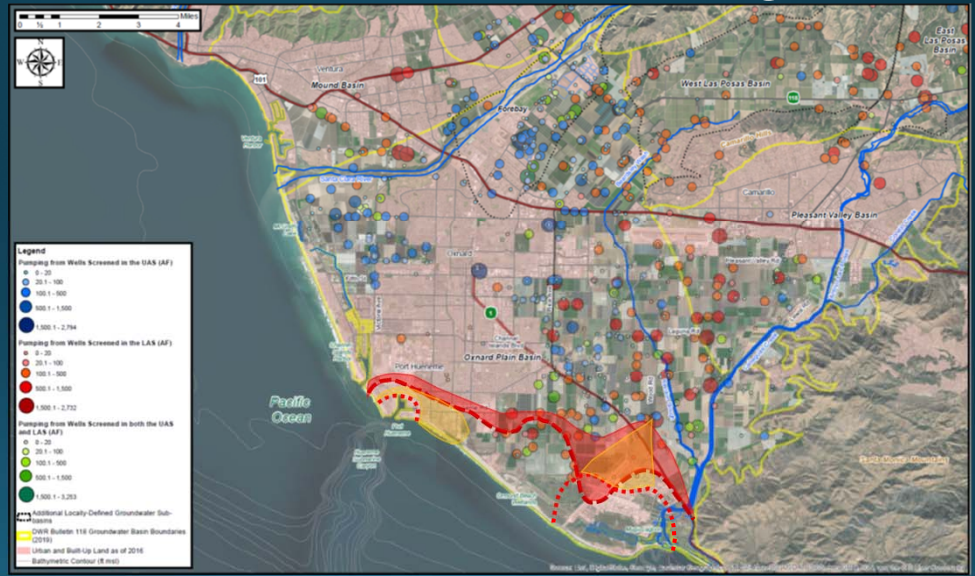
Annotations:

- Initial = 46,100 AFY (at 2020)
- 2030 SY = 50,600 AFY
- 2035 = 54,600 AFY

ABOUT 425 WELLS IN OXNARD AND PLEASANT VALLEY (OPV) BASINS EXTRACTED GROUNDWATER IN 2015

Notes:

- ~50 wells in OPV basins pumped ~1 to 5 acre-feet per year (AFY)
- ~50 wells in OPV basins pumped less than 1 AFY



GOALS OF THE OPV STAKEHOLDERS PROJECTS COMMITTEE (SEPT – DEC 2020)

1. Support the Core Group's efforts in identifying a cost effective portfolio of projects and optimization measures that align with the GSP objectives and respond to regional water needs.
2. Recommend cohesive strategy to bring these projects into fruition for the Core Group's consideration.

NEW PROJECTS WITH LOW INFRASTRUCTURE REQUIREMENTS OR WITH HIGH CERTAINTY OF BEING IMPLEMENTED

Project	Quantity (AFY)	Notes
Recycled water to farms (2021)	4,600	Included in GSP
Recycled water to recharge (---)	4,500 0	Included in GSP, but later withdrawn
Incentivized fallowing (2021)	2,700	Included in GSP
SWP Interconnect flushing/recharge (2027)	500	New project planned by United and Ventura
Freeman Expansion Ph. 1 (2028)	4,000	Planned by United, discussed in GSP
Freeman Expansion Ph. 2 (2036)	4,000	Planned by United, discussed in GSP
SWP Art. 21, exchanges, transfers (2021)	6,000	No new infrastructure required

BIG PROJECT CONCEPT 1: OPTIMIZATION



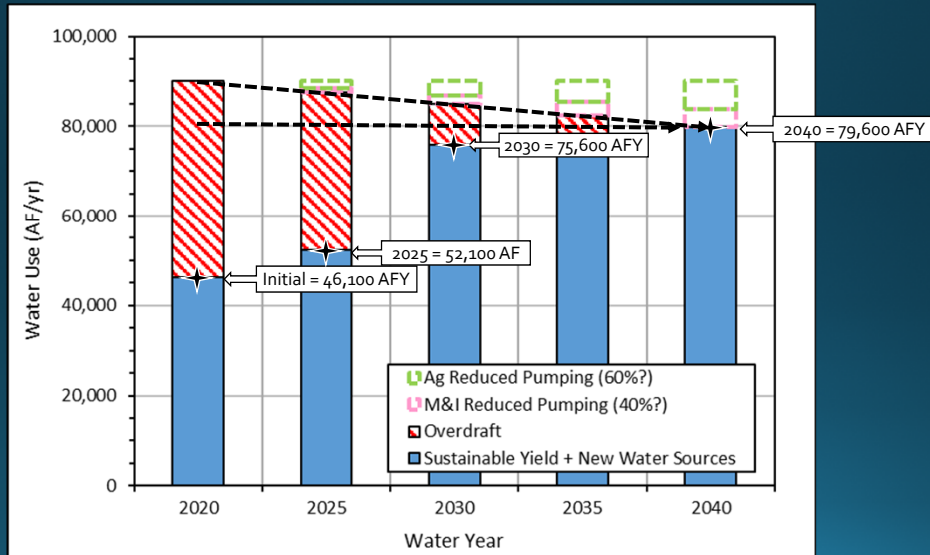
BIG PROJECT CONCEPT 2: BARRIER TO SEAWATER INTRUSION



POTENTIAL PROJECT-IMPLEMENTATION SCENARIOS

Project	GSP: Reduction w/ Projects	GSP: Reduction w/ Projects (revised)	SWI Barrier Focus	Optimization Focus	Hybrid Approach
Recycled water to farms (2021)	4,600	4,600	4,600	4,600	4,600
Recycled water to recharge (---)	4,500	0	0	0	0
Incentivized fallowing (2021)	2,700	2,700	2,700	2,700	2,700
SWP Interconnect flushing (2027)	0	500	500	500	500
Freeman Expansion Ph. 1 (2028)	0	4,000	4,000	4,000	4,000
Freeman Expansion Ph. 2 (2036)	0	4,000	4,000	4,000	4,000
SWP Art. 21, exchanges, transfers (2021)	0	0	6,000	6,000	6,000
Optimization Ph. 1 (2027)	0	0	4,000	4,000	4,000
Optimization Ph. 2 (2030)	0	0	1,000	1,000	1,000
Optimization Ph. 3 (2035)	0	0	0	12,000	0
Brackish Water Ext. Ph. 1 (2027)	0	0	12,000-16,000	0	12,000-16,000
Brackish Water Ext. Ph. 2 (2035)	0	0	12,000-8,000	0	0
Reduced pumping (from 90,000 AFY)	39,000	35,000	200	12,000	8,000-12,000?

POTENTIAL RAMPDOWN UNDER A HYBRID (SWI BARRIER + OPTIMIZATION) SCENARIO



OTHER POTENTIAL FUTURE PROJECTS THAT COULD BE MODELED AT A LATER DATE

Project	Quantity (AFY)	Notes
Conejo Creek Storage (2030)	2,500?	Being developed by Camrosa MWD
M&I water market/alternative sources	???	Being developed by Curtis Hopkins
AWPF expansion for other uses	4,500?	Oxnard suggested they may have more recycled water available for projects

PLANNED PROCESS AS ORIGINALLY ENVISIONED



All of the groundwater basins in United's service area are connected!

It's important to understand sustainable yield in adjacent basins before getting too far ahead of ourselves in the Oxnard and Pleasant Valley basins.

13

QUESTIONS?

*"The probability of success is difficult to estimate;
but if we never search the chance of success is zero."*

--Giuseppe Cocconi and Philip Morrison, 1959, on the search for extraterrestrial intelligence

14

Information Item 5.4:

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

Board of Directors Meeting
February 10, 2021



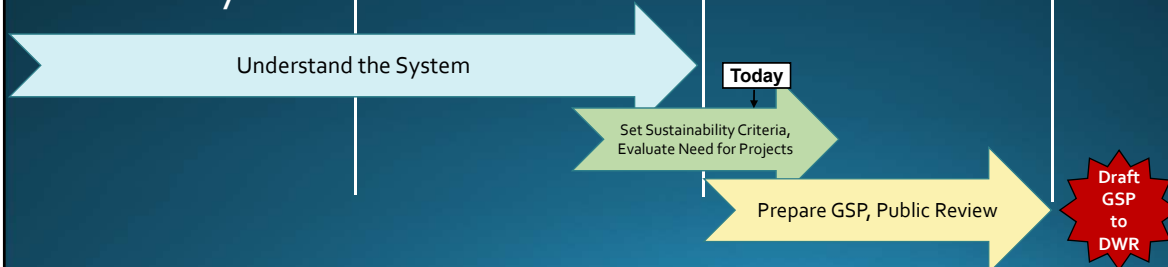
15

FILLMORE-PIRU BASINS GSP SCHEDULE

The original plan:



The reality:



16

NOTABLE FILLMORE-PIRU BASINS GSA ACTIVITIES

1. December Stakeholder workshop:
 - a. Water budgets and summary of United groundwater model
2. January Board meeting:
 - a. Daniel B. Stephens & Assoc. (DBSA) report on development of draft sustainability criteria
 - b. UCSB PhD student presentation on drought impacts on riparian vegetation
 - c. United (McEachron) presentation on impacts of releases from Lake Piru
 - d. DBSA update on potential new monitoring well locations

17

SANTA PAULA BASIN TAC

- 2020 Annual Report in progress
 - Expanded to include updates from model
- Anticipated this year: Modeling of potential yield-enhancement projects proposed by SPBPA

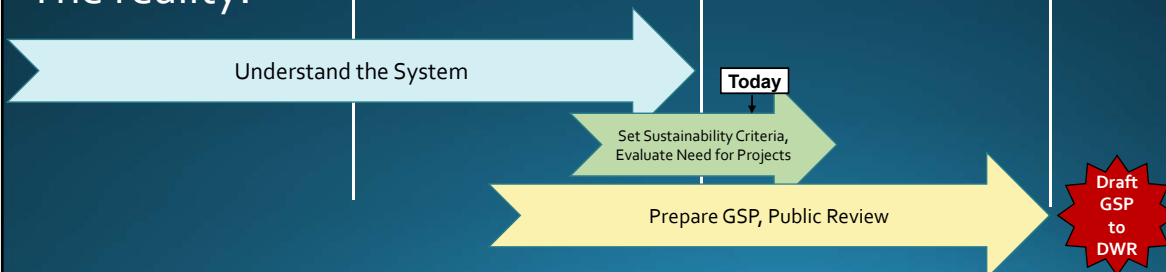
18

MOUND BASIN GSA SCHEDULE

The original plan:



The reality:



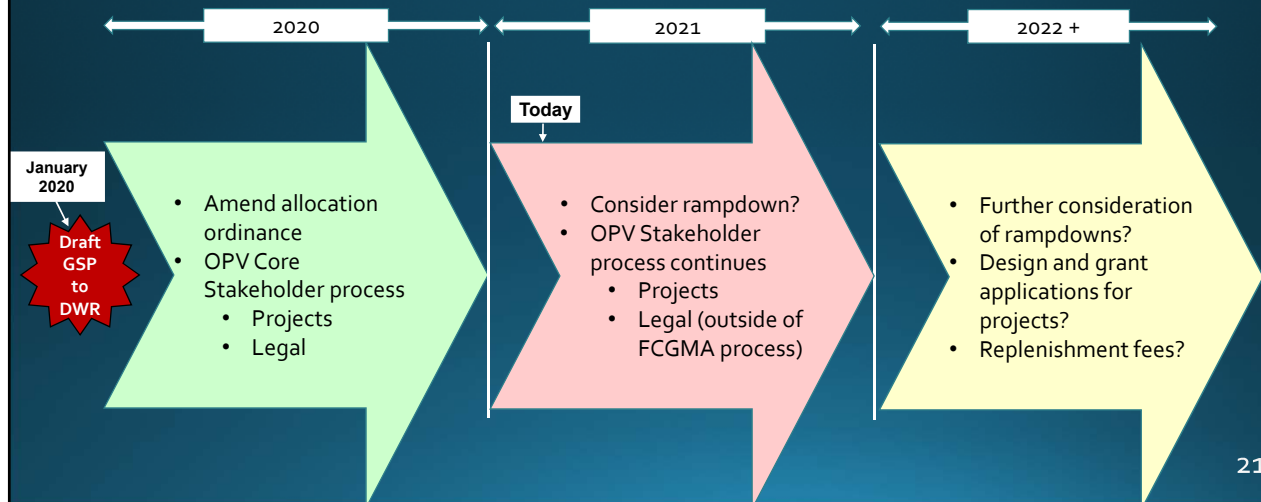
19

NOTABLE MOUND BASIN GSA ACTIVITIES

1. January Board meeting:
 - a. Update on progress, focused on United modeling of future conditions
 - b. Selection of date for next Stakeholder workshop (March 4)
2. After January Board meeting:
 - a. DWR approval of technical assistance grant for new monitoring well near coast (south of Ventura Harbor)

20

FOX CANYON GMA GSP IMPLEMENTATION SCHEDULE



21

NOTABLE FCGMA ACTIVITIES

1. January Board meeting:
 - a. Board approved Dudek as GSP update consultant
 - b. Board approved consultant Jarvis Fay & Gibson for initial Prop 218 analysis for replenishment fee
 - c. Staff provided update on OPV Stakeholder process

22

QUESTIONS?

“Give me six hours to chop down a tree and I will spend the first four sharpening the axe.”

— *Abraham Lincoln*

“Always feel free to stop and think” (*before committing to a potentially expensive course of action*).

— *John Lindquist*