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MINUTES
ENGINEERING & OPERATIONS
COMMITTEE MEETING

Thursday, May 7, 2020, 9:00 A.M.

Board Room

UWCD, 1701 North Lombard Street, Oxnard CA 93030

In addition to its public Engineering and Operations Committee Meeting, UWCD provided virtual access to the meeting via the Webex video conference application.

COMMITTEE MEMBERS

Lynn E. Maulhardt, Chair
Edwin T. McFadden III (participated via Webex)
Daniel C. Naumann

STAFF ATTENDING

Mauricio E. Guardado Jr, General Manager
Anthony Emmert, Assistant General Manager (participated via Webex)
Robert C. Siemak, Assistant General Manager (participated via Webex)
Dr. Maryam Bral, Chief Engineer (participated via Webex)
Brian Collins, Operations and Maintenance Manager (participated via Webex)
Clayton Strahan, Senior Park Services Officer (participated via Webex)
Dan Detmer, Supervising Hydrogeologist (participated via Webex)
Erik Zvirbulis, Engineering Technician (participated via Webex)
Josh Perez, Human Resource Manager (participated via Webex)
Adrian Quiroz, Assistant Engineer (participated via Webex)
Michel Kadah, Associate Engineer (participated via Webex)
John Lindquist, Senior Hydrogeologist (participated via Webex)
Craig Morgan, Senior Engineer (participated via Webex)
Robert Richardson, Senior Engineer (participated via Webex)
Evan Lashly, Associate Ecologist (participated via Webex)
Zachary Plummer, IT Administrator
Destiny Rubio, Administrative Assistant (participated via Webex)

Public Present

Tony Morgan (participated via Webex)

OPEN SESSION:

Chair Maulhardt called the Engineering & Operations Committee Meeting to order at 9:01 am.

1. Public Comment

Chair Maulhardt asked if there were any public comments for the Committee. None were offered.

2. Approval of Minutes

Motion to approve the Minutes from the March 5, 2020 Engineering and Operations Committee meeting, Director Maulhardt; Second, Director Naumann. Voice vote, three ayes (Maulhardt, McFadden, Naumann). None opposed. Minutes approved unanimously.

3. Amendment to Stillwater's Professional Services Agreement

Assistant Ecologist Evan Lashly provided updates on an amendment to UWCD's professional services agreement with Stillwater Sciences. Evan Lashly asked for the Committee's recommendation to the Board to authorize the General Manager to amend the current agreement with proposed language approved by the District's legal counsel. Discussion ensued among the committee members and staff. Assistant General Manager Tony Emmert provided comments on how Stillwater Sciences has been helpful in providing services essential to complete the MSHCP and how essential this amendment is for the MSHCP. The committee agreed to recommend the Board to amend the current professional services agreement with Stillwater.

4. Project Highlights

A. Santa Paula Tower Project Update

Operations and Maintenance Manager Brian Collins provided updates and slides regarding the Santa Paula Tower Project (see attached). The committee had no further questions or comments.

B. Brackish Groundwater Treatment Plant Update

Chief Engineer Maryam Bral provided updates and slides regarding the Brackish Groundwater Treatment Plant Project (see attached). Discussion ensued among the committee members and staff. Chair Maulhardt provided comments on the capacity on the footprint of the treatment plant and asked about United's correspondence with the Navy. Maryam Bral went into depth on how United has been corresponding with the Navy, how the workflow has continued, and that the Navy is as motivated as United with this project.

C. Recycled Water Project Update

Chief Engineer Maryam Bral provided updates and slides regarding the Recycled Water Project (see attached). Discussion ensued among the committee members and staff. Chair Maulhardt had questions regarding the City of Oxnard's involvement in the project. Maryam Bral provided comments stating that they have scheduled a meeting with the City of Oxnard to discuss their Recycled Water program. Chair Maulhardt also asked what the committee can do to further this project, Maryam Bral provided comments stating that this project was a direct result of the Water Sustainability Summit and that is why she chose to provide an update on Recycled Water.

5. Department Monthly Updates

A. Engineering Department

Engineering department provided a monthly staff report for committee members review. Committee members had no further comment or question other than it was a wonderful report.

B. Operations and Maintenance Department

Operations and Maintenance department provided a monthly staff report for committee members review. Discussion ensued among the committee members and staff. Chair Naumann had questions regarding static water levels stated in the staff report and current diversions. Brian Collins answered Chair Naumann's questions and stated that currently there are no diversions.

C. Recreation Department

Recreation department provided a monthly staff report for committee members review. Discussion ensued among the committee members and staff. Chair Maulhardt addressed comments in the staff report pertaining to unauthorized fishing in Lake Piru. Chief Park Services Ranger Clayton Strahan went into detail on the operations that have been conducted to prevent the spread of COVID-19 and research he has found for potential reopening of the day use areas and the docks. Chief Park Services Ranger Strahan stated that depending on orders, the middle of May could be a potential reopen date. Chair Naumann addressed the feasibility of this and the bottlenecks associated with reopening the facilities. The committee members and General Manager Mauricio Guardado agreed that Chief Park Services Ranger Strahan should create a skeleton plan for a phased approach to reopening the facilities ahead of the upcoming Board Meeting, this way it is not postponed until the next meeting and United does not miss the wave of eager campers.

D. Environmental Department

Environmental department provided monthly staff report for committee members review. Chair Maulhardt addressed the MSHCP and how remarkable the progress has been, he also wanted an update on United's efforts on Quagga Mussels. Assistant Ecologist Evan Lashly provided updates on the latest pilot study that has been completed and Assistant Ecologist Tessa Lenz's work with the divers. Mr. Lashly stated that UWCD Quagga Mussel operations are currently not in progress due to COVID-19. Chief Engineer Maryam Bral also provided comments on the Engineering departments involvement with Quagga Mussels and stated that staff was involved in the first pilot test. Mr. Lashly then provided comments on the next phase of the pilot studies.

6. Future Agenda Topics

- EL Rio Iron and Manganese Project Update
- PTP Backup Generators Update

ADJOURNMENT 10:31 a.m.

Chair Maulhardt adjourned the Engineering & Operations Committee meeting at 10:31 am.

I certify that the above is a true and correct copy of the minutes of the Engineering and Operations Committee Meeting of May 7, 2020.

ATTEST: 
Lynn Maulhardt, Chair



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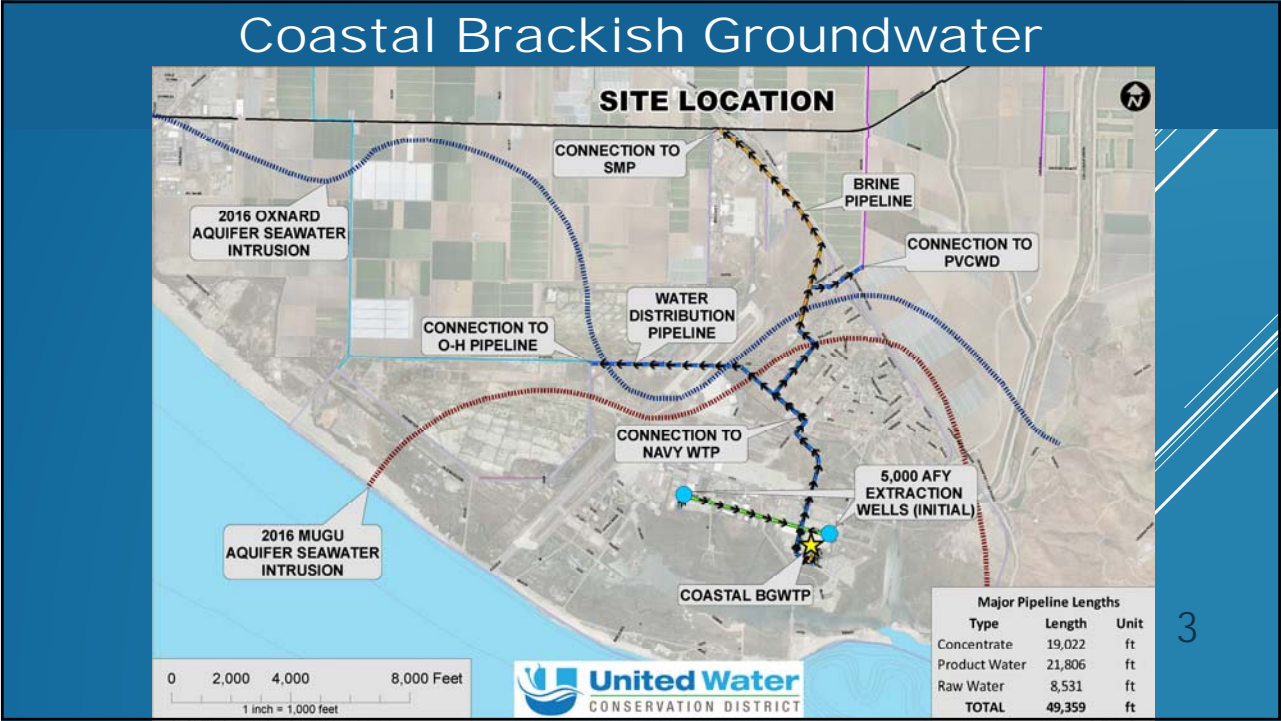
AGENDA

Coastal Brackish Groundwater Treatment Plant

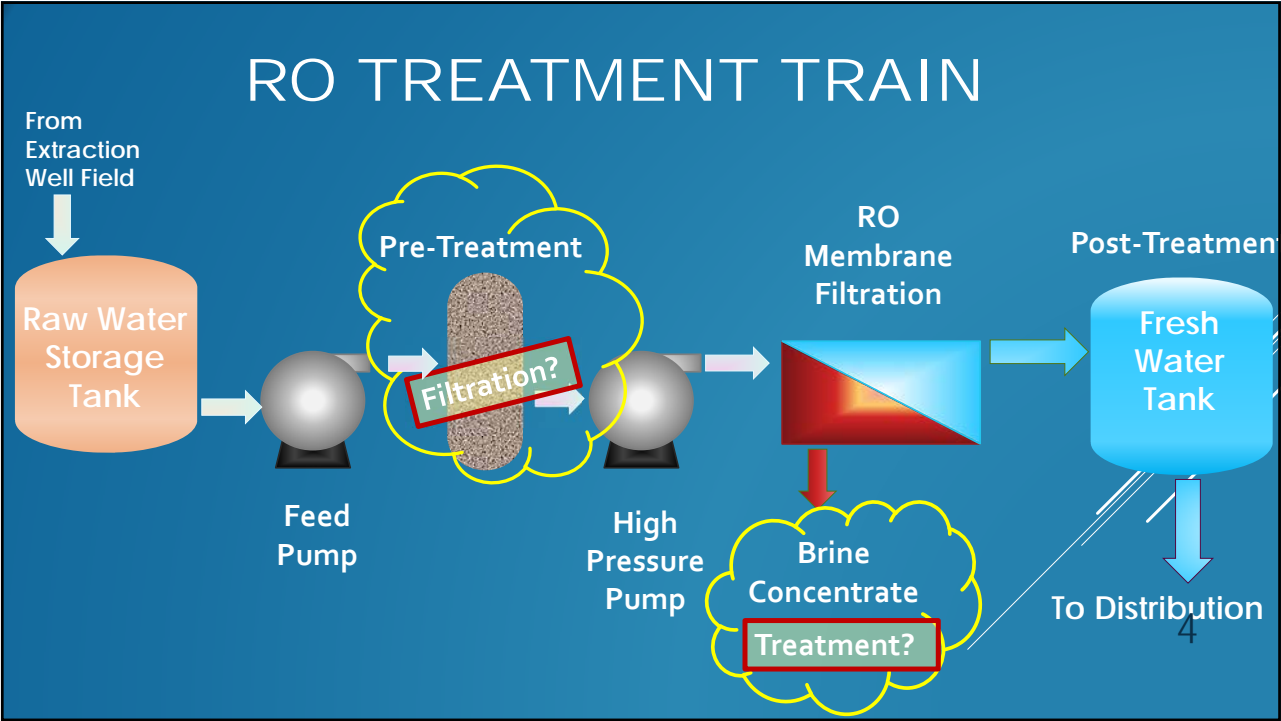
Riverpark-Saticoy Recycled Water Pipeline

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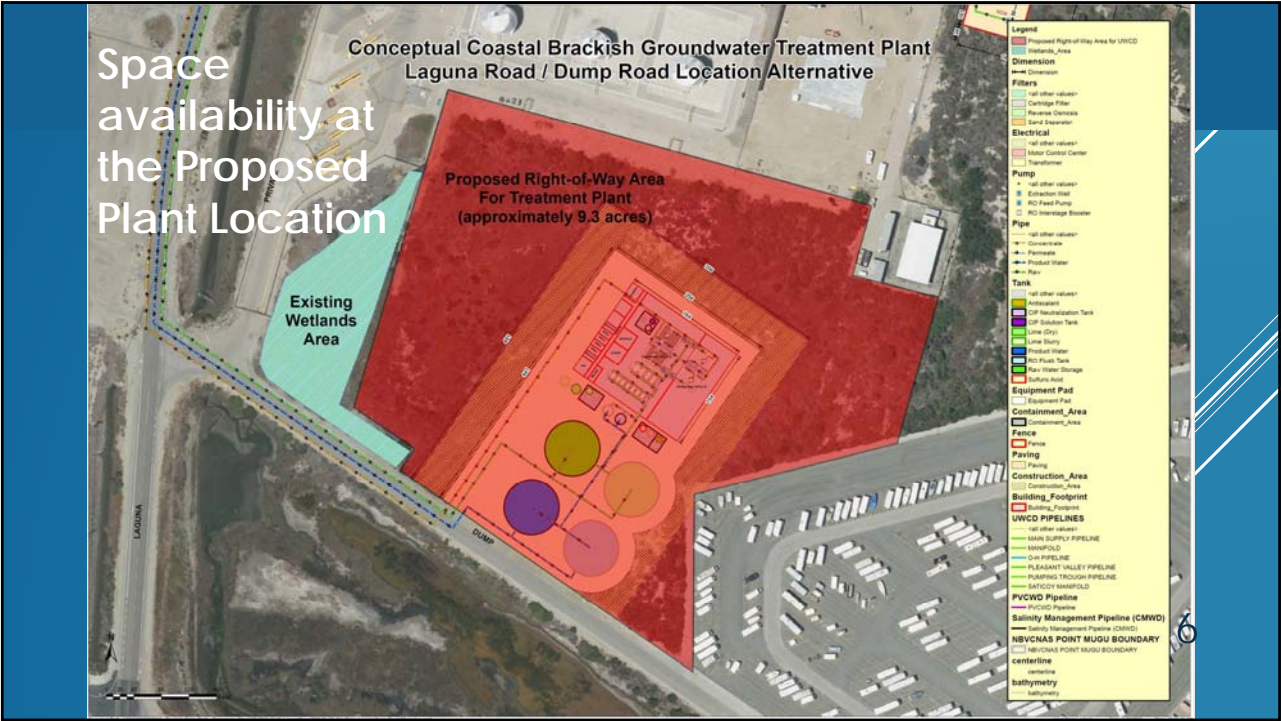
Plant Recovery and Energy Optimization



Staff meets with IDE Technologies to discuss high recovery/brine management technologies (pellet reactor shown above)

Energy Recovery Devices at the Carlsbad Desalination Plant

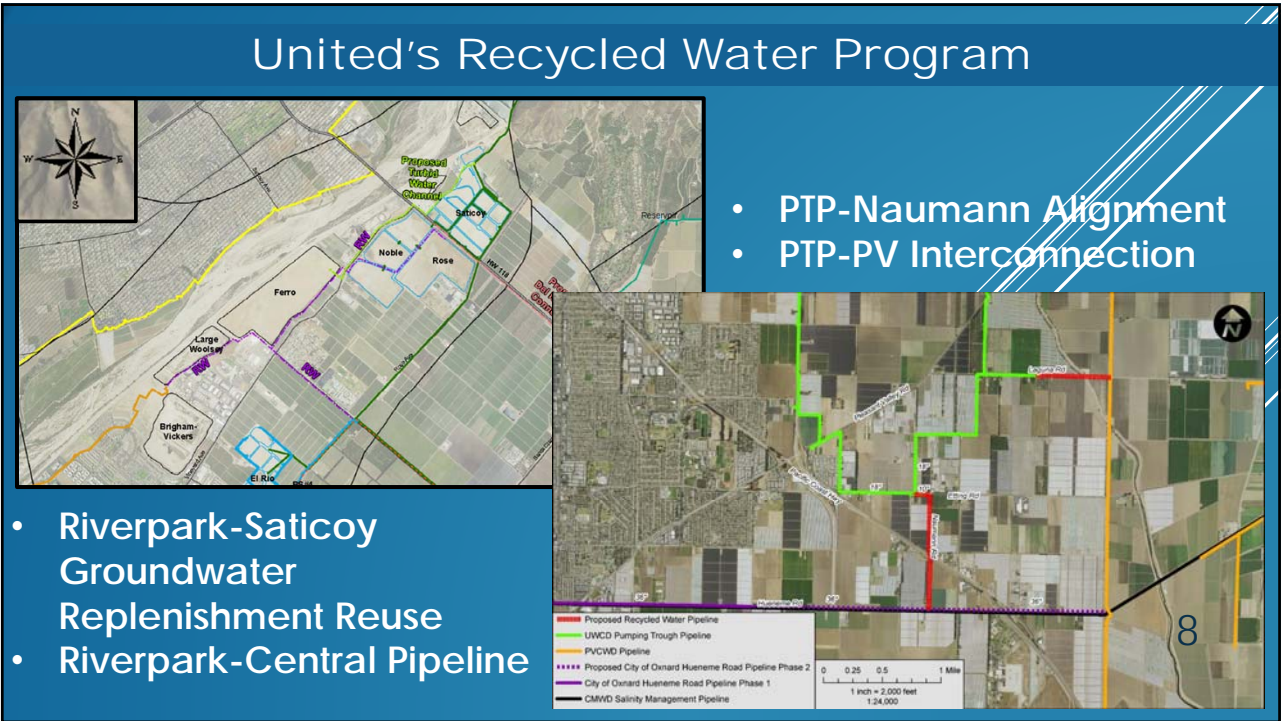
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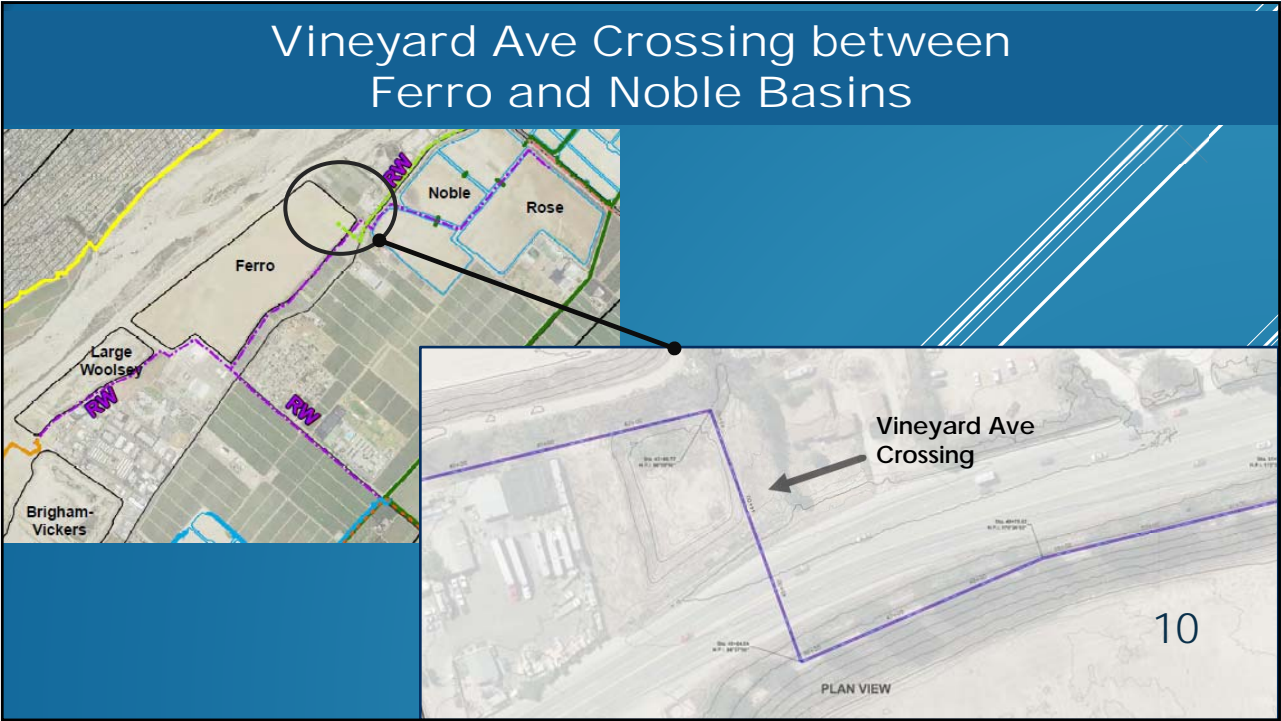
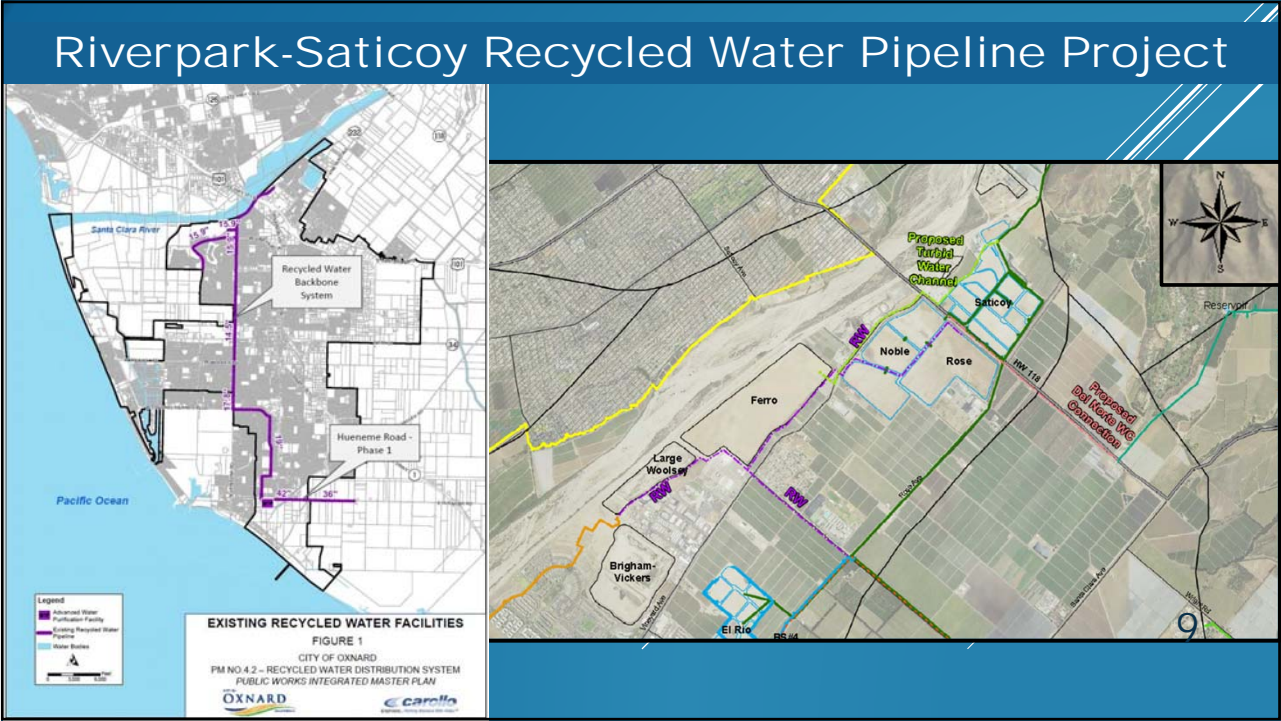
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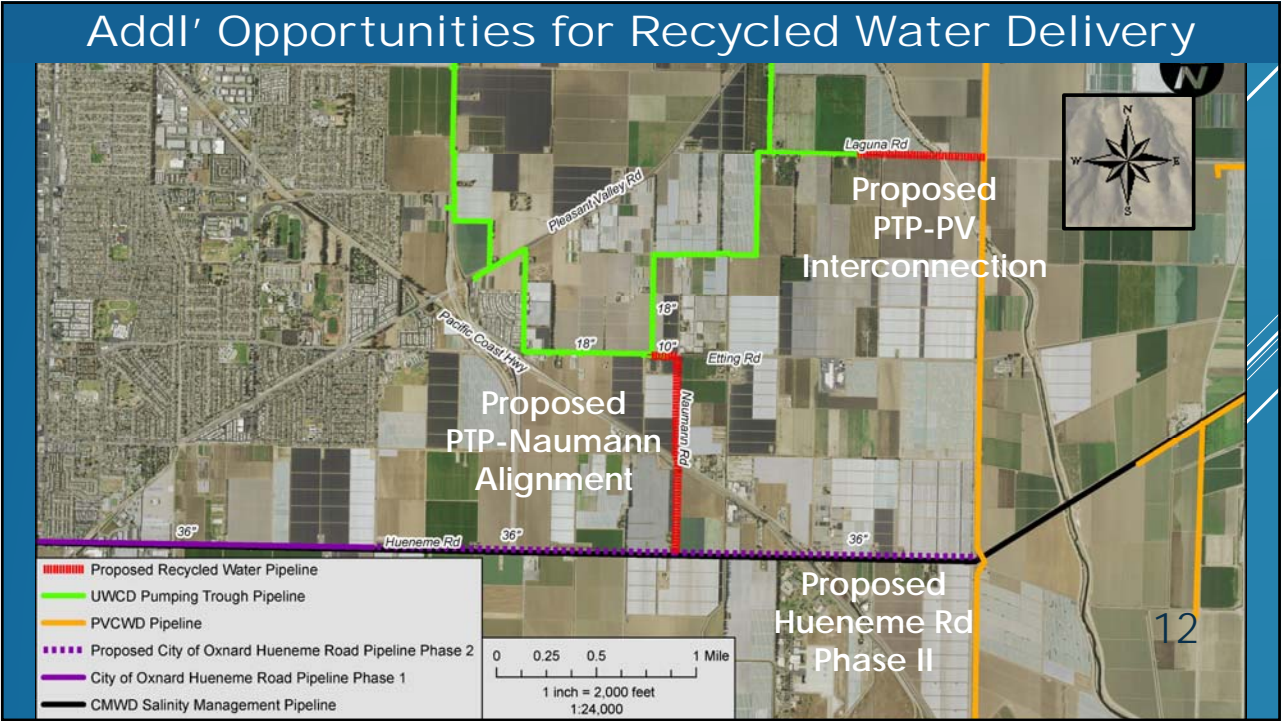


Project Activities (near future)

- ❑ Prepare Pipeline Alignment Plans
- ❑ Develop Proposed easement maps for Utility Easement Discussions with Oxnard, VCWPD and CalTrans
- ❑ Upcoming meeting with Oxnard
 - ❖ Oxnard’s Recycled Program
 - ❖ United’s work on Groundwater Replenishment Reuse
- ❑ Schedule a meeting with FCGMA
 - ❖ Moratorium on construction of new drinking water wells in UAS in the project area
- ❑ Schedule a meeting with DDW (next fiscal year)

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City of Oxnard's Recycled Water Program

A Multi-Dimensional Approach for the use of Recycled Water

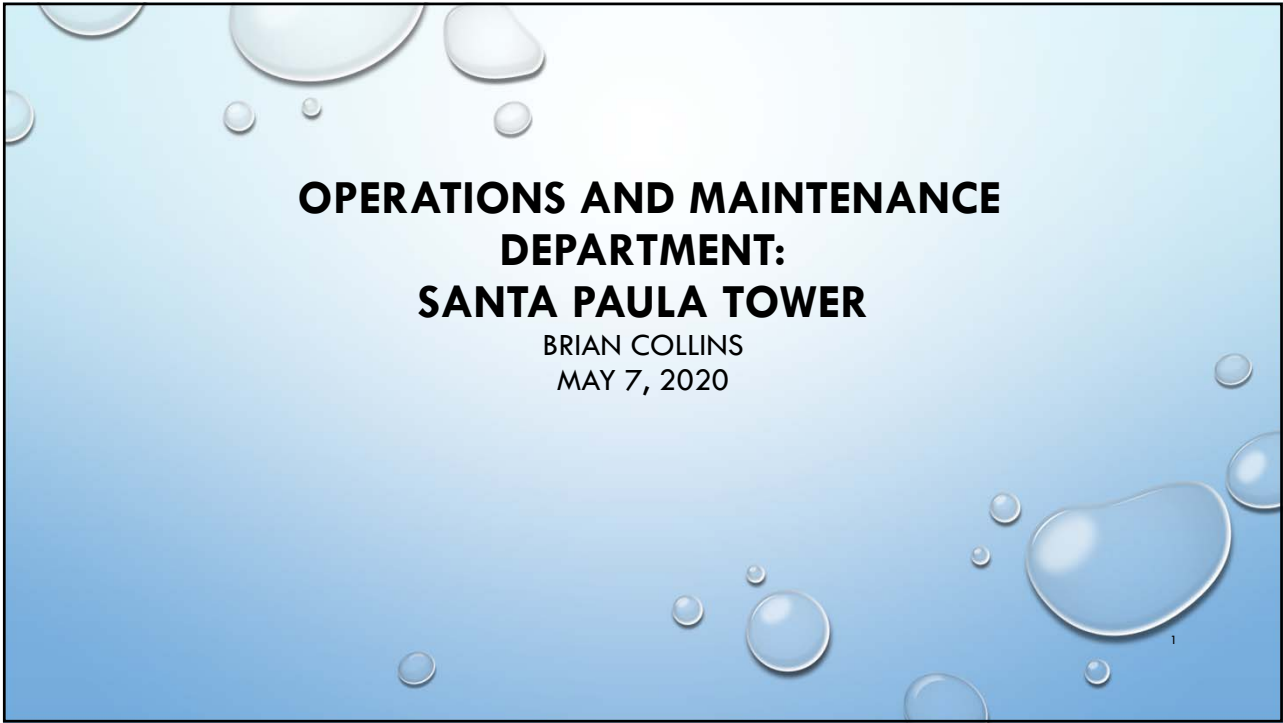
- ❑ ASR Project – ASR Loop
 - ❖ Multi-year Project starting in 2020
- ❑ Hueneme Rd Recycled Water Pipeline Phase II Project
 - ❖ Construction to start in 2020 and complete by 2021

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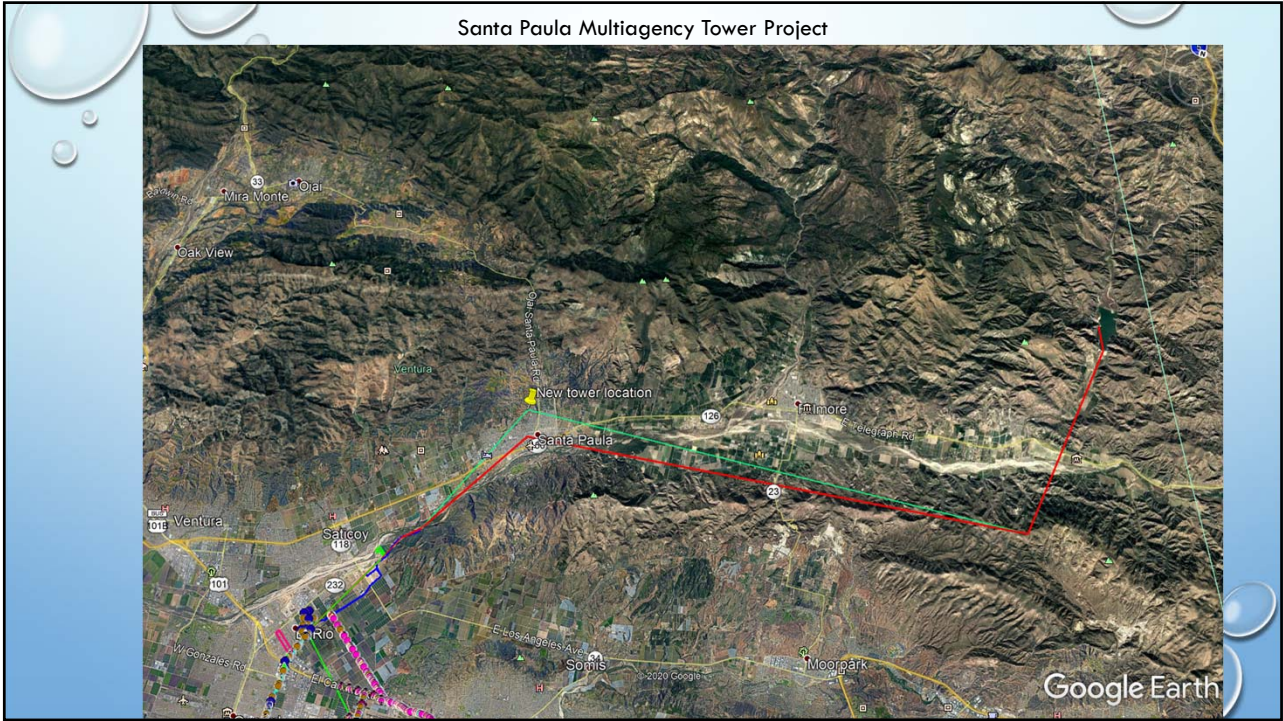
Thank You

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