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

General Manager
Mauricio E. Guardado, Jr.

Legal Counsel
David D. Boyer

MINUTES
ENGINEERING & OPERATIONS
COMMITTEE MEETING
Thursday, September 3, 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 virtual meeting platform.

COMMITTEE MEMBERS

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

STAFF ATTENDING

Mauricio E. Guardado, Jr., general manager
Anthony Emmert, assistant general manager
Dr. Maryam Bral, chief engineer
Brian Collins, operations and maintenance manager
Josh Perez, human resource manager
Zachary Plummer, IT administrator
Craig Morgan, senior engineer
Robert Richardson, senior engineer (participated via Webex)
Kris Sofley, executive administrative coordinator/clerk of the board
Evan Lashly, assistant ecologist (participated via Webex)
John Carman, operations and maintenance program supervisor (participated via Webex)
Joseph Jereb, chief financial officer (participated via Webex)
Clayton Strahan, chief park ranger (participated via Webex)

PUBLIC PRESENT

Frank Brommenschenkel (participated via Webex)

OPEN SESSION: 9:02a.m.

Director McFadden called the Engineering & Operations Committee Meeting to order at 9:02 am.

1. Public Comment

Director McFadden asked if there were any public comments for the Committee. None were offered.

2. Approval of Minutes

Motion to approve the Minutes from the July 2, 2020 Engineering and Operations Committee meeting, Director Naumann; Second, Director McFadden. Voice vote, two ayes (McFadden, Naumann). None opposed. Minutes approved unanimously.

3. September 9, 2020 Board Meeting Motion Agenda Items

1. Resolution 2020-16 Authorizing General Manager and Chief Engineer as signatories for Cal OES Hazard Mitigation Grant Program

Chief Engineer Maryam Bral provided updates and slides (see attached) on the Cal OES Hazard Mitigation Grant Program for Resolution 2020-16 and asked the Committee to recommend approval of the resolution to authorize the General Manager and Chief Engineer as signatories for the Cal OES Hazard Mitigation Grant Program to the Board. Chair Naumann and Chair McFadden agreed to recommend to the Board to approve the resolution.

2. Accept Utility Easement Deeds at Pumping Trough Pipeline Turnout No. 126

Dr. Bral provided updates and slides (see attached) on the Utility Easement Deed at Pumping Trough Pipeline Turnout No. 126 and asked the Committee to recommend approval of the easement as well as authorization of the General Manager to sign and record the utility easement deed to the Board. Dr. Bral also provided a status update on activity regarding the PTP Metering replacement project. Chair Naumann and Chair McFadden agreed to recommend authorizing the General Manager to sign and record the utility easement deed to the Board.

3. Authorize General Manager to execute Professional Services Agreement with DOD Construction for the Grand Canal Headworks Project

Senior Engineer Craig Morgan provided updates and slides on the Grand Canal headworks replacement project (see attached). Mr. Morgan stated that the capacity of the structure will be expanded up to 500 cfs. Director Naumann inquired if the 500 cfs can be easily increased down the line to 750 cfs by utilizing other infrastructure. Mr. Morgan stated if this were to occur, there would be other considerations at that point in time. General Manager Mauricio E. Guardado, Jr. asked if this would inhibit a diversion of 750 cfs. Mr. Morgan stated no, explaining that because of additional infrastructure that increase would be possible. Director McFadden and Director Naumann agreed to recommend authorizing the General Manager to sign the professional services agreement with DOD Construction for the Grand Canal Headworks Project to the Board.

4. Amendment to Northwest Hydraulic Consultants Professional Services Agreement

Mr. Morgan provided updates on Northwest Hydraulic Consultant's (NHC) involvement in the design of the hardened ramp fish passage alternative for the Freeman Diversion. Mr. Morgan requested an amendment in the amount of \$115,000 for additional analysis of the design.

Chair Maulhardt joined the meeting at 9:23 am.

Chair Maulhardt, Director McFadden and Director Naumann agreed to recommend authorizing the General Manager to sign the amendment to the professional services agreement with NHC for additional analysis of the design of the hardened ramp fish passage alternative to the Board.

4. Project Highlights

1. Freeman Diversion Sediment Removal

Operations and Maintenance Manager Brian Collins provided updates and slides (see attached) regarding the Freeman Diversion Sediment Removal activity. Chair Maulhardt inquired if sand will fill quickly during the rain season. Mr. Collins stated that there is no intent to perform this activity in the Winter. Chair Maulhardt inquired about what can be done as a long-term solution to this problem. Mr. Collins stated that this activity was a resourceful alternative method at a cost of \$50,0000 a month for equipment, and that he is working with Rincon Consultants to address this next year. Mr. Emmert emphasized that the targeted dredging is an alternative to dry season flushing and is a way to remove sediment in the summertime. Mr. Emmert added that in the past it has been marginally effective with a dry riverbed. Chair Maulhardt stated that the \$50,000 cost for the equipment is only a base charge and it does not include gas and staff time. This activity has given United the opportunity to deliver water to the PTP systems, the El Rio spreading basins, and has provided enough water to meet PV and PTP needs completely. Mr. Collins agreed, adding that this activity also supports nitrate dilution at the El Rio facility and without it United would otherwise run deep wells and increase electrical costs. Mr. Guardado added that this activity affected every corner of the service area and demonstrates to stakeholders that United is working hard.

2. Recycled Water

Dr. Bral provided updates and slides (see attached) on the Recycled Water project and the activity relating to the City of Oxnard's bids for the Hueneme road pipeline project. Chair Maulhardt inquired about the bid deadline and requested an update on the bids either at the Board meeting or the next committee meeting.

5. Future Agenda Topics

Chair Maulhardt requested Staff to provide an update of a longer-term solution to the dredging process and additional information on the City of Oxnard's bidding process for the Hueneme Road pipeline project. Director Naumann requested an update on the timeline for the design structures of the fish passage alternatives for the Freeman Diversion. Mr. Guardado requested a future agenda item outlining the proposed lake and streambed alteration agreement.

ADJOURNMENT 10:18 a.m.

Chair Maulhardt adjourned the Engineering and Operations Committee meeting at 10:18 am.

I certify that the above is a true and correct copy of the minutes of the Engineering and Operations Committee Meeting of September 3, 2020.

ATTEST: 
Lynn Maulhardt, Chair





Engineering

MOTION ITEMS

September 3rd, 2020

1

ITEM 3.1



- Resolution 2020-16 authorizing General Manager and Chief Engineer as signatories for CalOES Hazard Mitigation Grant Program.

2

ITEM 3.2

| LINE | DIRECTION | LENGTH |
|------|---------------|--------|
| L1 | S 86°45'27" E | 18.00' |
| L2 | S 01°14'33" W | 20.00' |
| L3 | N 86°45'27" W | 18.00' |
| L4 | N 01°14'33" E | 20.00' |

EXHIBIT "B"
METER 126E SITE EASEMENT
UNITED WATER CONSERVATION DISTRICT
SHEET 1 OF 1
PLCT DATE: 6/4/2020

METER STATUS

- INSTALLED- 20
- CONSTRUCTION PLANNED IN 2020-1
- LETTERS MAILED TO OWNER- 16
- SURVEY COMPLETE- 25
- PUMPING TROUGH PIPELINE

3

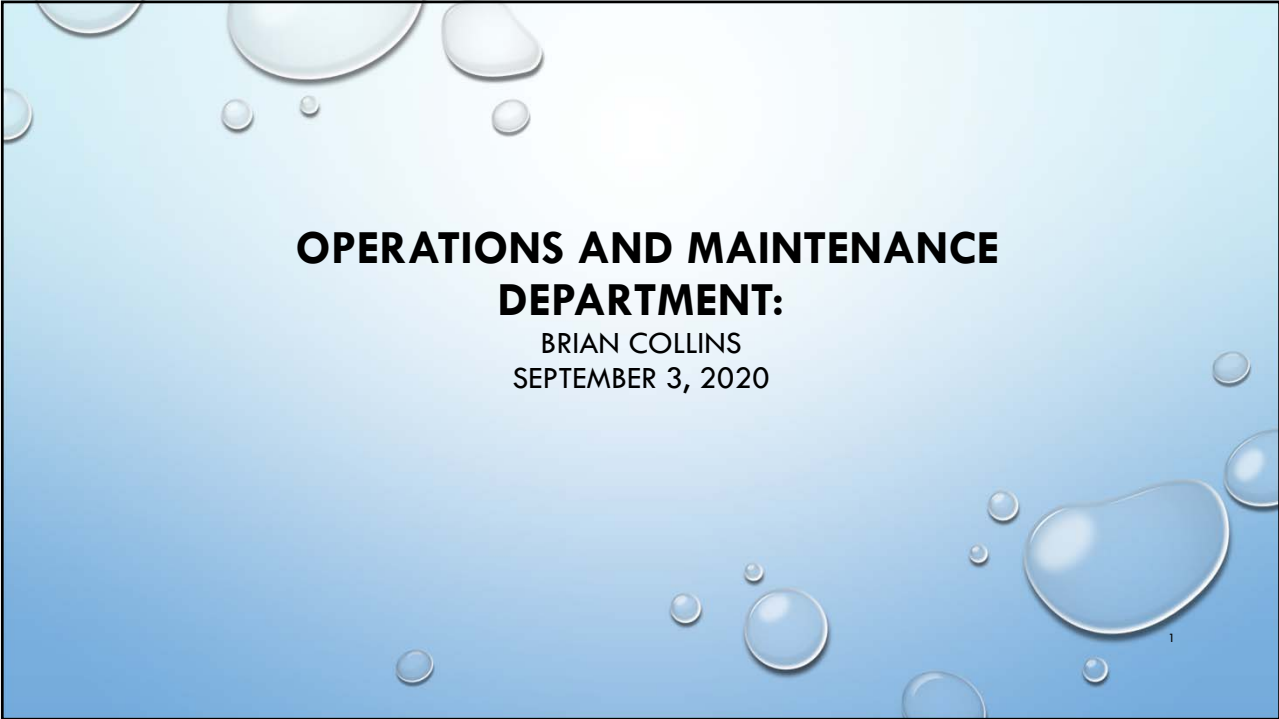
ITEM 3.3 GRAND CANAL HEADWORKS REPLACEMENT

- Bid Opening Date: August 20
- Number of Bids: 5
- Bids: \$273,000 - \$728,000
- Staff recommendation:
The Lowest Responsible Bid

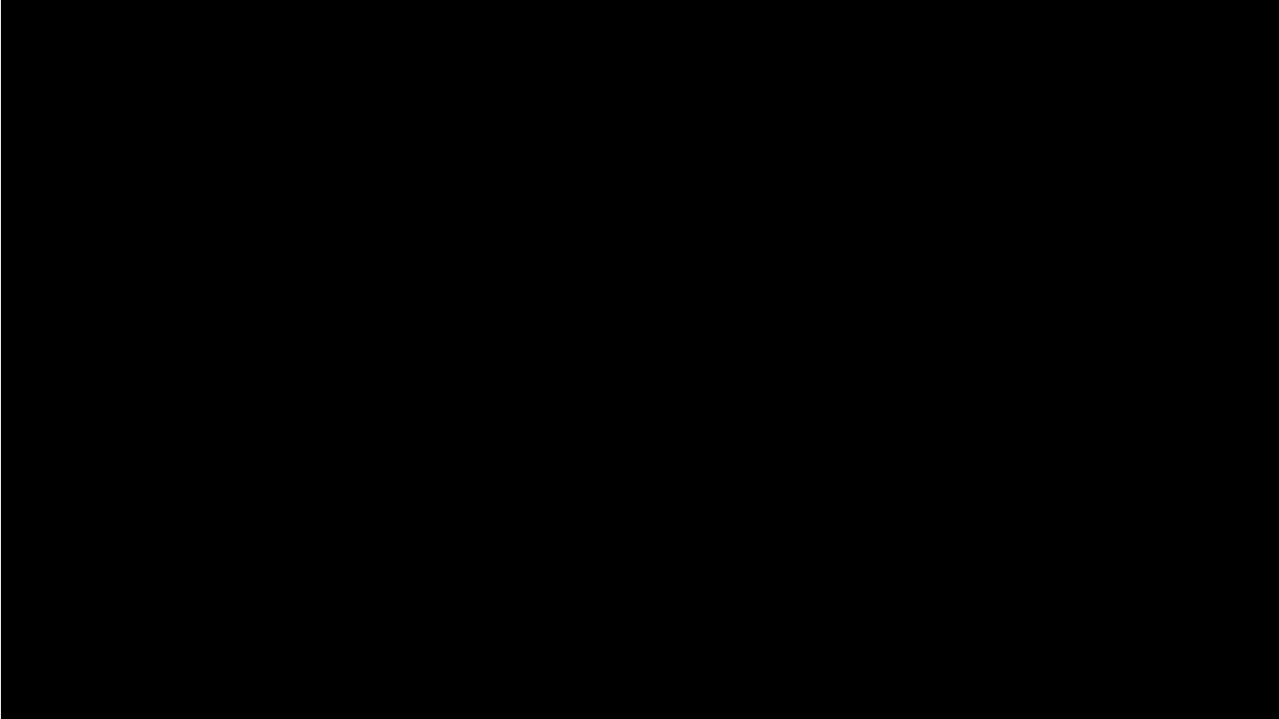
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ITEM 3.4 AMENDMENT TO NHC CONTRACT

- Original Contract Amount - \$567,859
- Amendment No.1 Amount - \$115,000
- Total Current Contract Amount - \$682,859
- Work beyond the original scope -
Design development process for the physical modeling
of the hardened ramp fish passage alternative



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2



3



1. A.) Develop dredge effluent containment pond w/effluent weir/conveyance.
2. Install rental dredge attachment on rental long reach excavator (O & M).
3. Lower level to support seining the area upstream of fish screen (EPCD).
4. Install temporary fish screen upstream at project boundary (EPCD).
5. Raise canal level (O & M).
6. Initiate dredge activities from canal area (O&M).
7. Allow decant of dredge effluent.
8. Remove sand spoils from pond/percolation area (O&M).
9. Repeat as needed through September/November 2020.
10. Preliminary cost estimate \$50k/mo.

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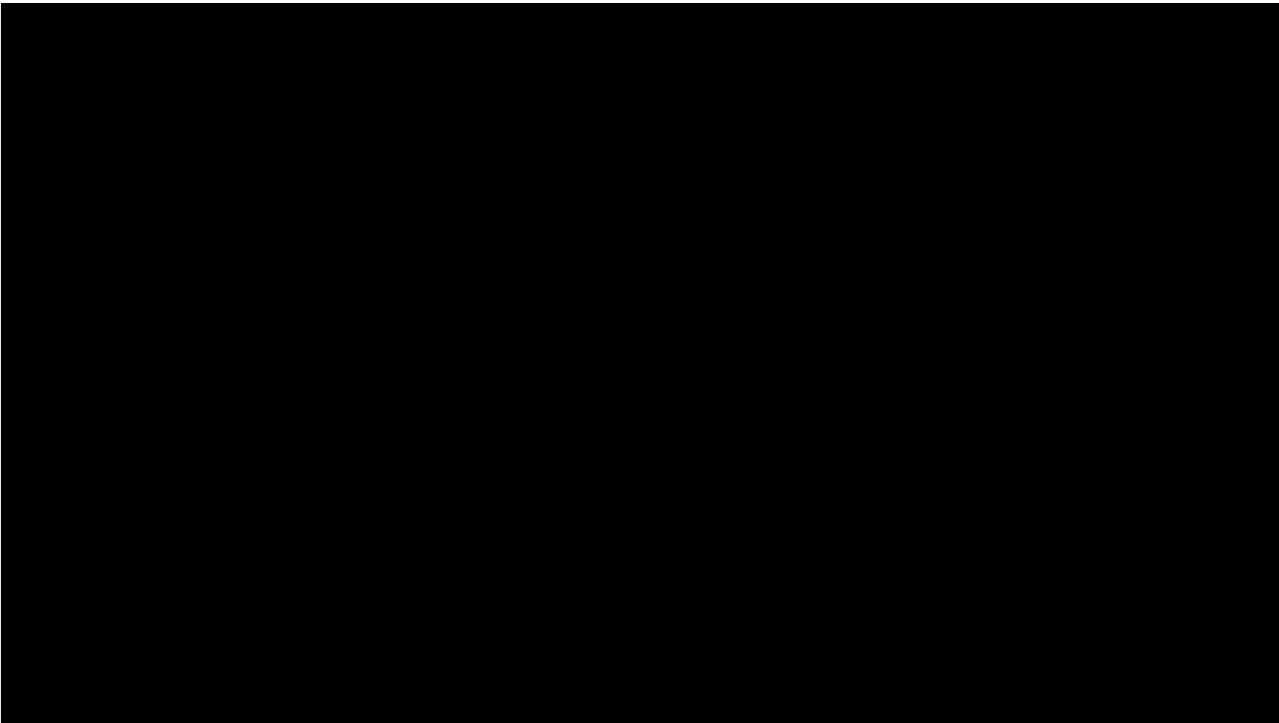
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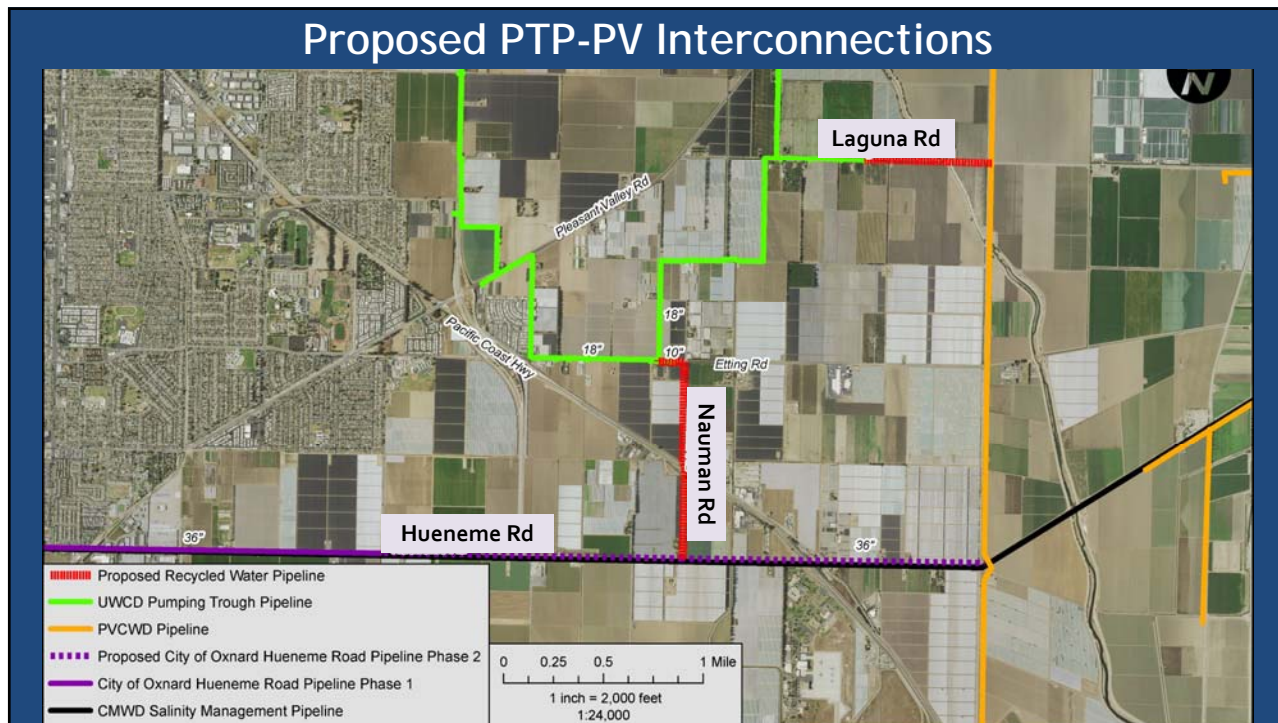
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Recycled Water

Project Highlights

1

Proposed PTP-PV Interconnections



2

PTP-PVCWD INTERCONNECTION FUNDING OPPORTUNITY

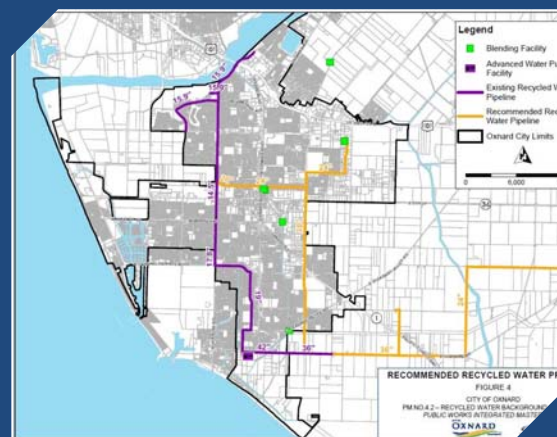
- ❑ USDA Natural Resources Conservation Service (NRCS) Grant Funding Programs
- ❑ Proposed PTP-PVCWD Interconnection project
- ❑ Met with the NRCS' engineers to discuss project concept, benefits and specific information
- ❑ Proposed project is under evaluation by the NRCS

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CITY OF OXNARD'S RECYCLED WATER PROJECT

Hueneme Rd Recycled Water Pipeline Phase II Rebid

- ❖ New Bid Due Date: 2 pm on Sept 2
- ❖ New Bid Opening Date: 2 pm on Sept 3
- ❖ Construction duration: to start in 2020 and be completed in 2021
- ❖ Nauman Rd pipeline excluded but a 24-inch turnout included in the bid documents



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