



Board of Directors
Michael W. Mobley, President
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, July 2, 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
Edwin T. McFadden III (participated via Webex)
Daniel C. Naumann

STAFF ATTENDING

Anthony Emmert, assistant general manager
Dr. Maryam Bral, chief engineer (participated via Webex)
Brian Collins, operations and maintenance manager (participated via Webex)
Josh Perez, human resource manager
Zachary Plummer, IT administrator
Linda Purpus, senior environmental scientist (participated via Webex)
Craig Morgan, senior engineer (participated via Webex)
Robert Richardson, senior engineer (participated via Webex)
Kris Sofley, executive assistant
Clayton Strahan, chief park ranger (participated via Webex)

PUBLIC PRESENT

Burt Handy (participated via Webex)

OPEN SESSION: 9:00a.m.

Chair Maulhardt called the Engineering & Operations Committee Meeting to order at 9:00 am.

1. Public Comment

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

Chief Engineer Maryam Bral requested a reorder of the committee meeting agenda items, to move item 5.3 ahead of item 3.1. The committee members agreed.

2. Approval of Minutes

Motion to approve the Minutes from the May 7, 2020 Engineering and Operations Committee meeting, Chair Maulhardt; Second, Director Naumann. Voice vote, two ayes (Maulhardt, Naumann). None opposed. Minutes approved unanimously.

5.3 Recreation Department Update

The Recreation department's monthly report and slides (see attached) were reviewed by the committee. Director Naumann asked about the Governor's orders closing beaches and whether that impacted Lake Piru. Chief Park Ranger Clayton Strahan explained that he has been coordinating with both the County and the State to ensure that Lake Piru complies with all public health guidelines and will continue to monitor the situation as it evolves. Chair Maulhardt said staff responded well to new rules and regulations for COVID-19 but voiced concern about the promotional video sending a different impression about capacity limitations. Chief Strahan said the image was taken at 70% capacity and the current limit is 50% capacity until further notice. Chair Maulhardt also voiced concerns about boating passenger capacity. Chief Strahan stated that United has been monitoring the number of boaters on the Lake, had posted guidelines on the District's website and Lake Piru Facebook page and was also distributing guidelines via email to people that inquired about visits to the lake. He added that PMC had been assisting the District in implementing the safety measures and all guests are required to complete a COVID-19 survey before being admitted to the recreation area.

3. July 8, 2020 Board Meeting Motion Agenda Items

1. Accept Utility Easement Deeds at Pumping Trough Pipeline Turnout No. 148

Dr. Bral provided updates on the Utility Easement Deed at Pumping Trough Pipeline Turnout No. 148 and asked the Committee to recommend approval of the easement to the Board as well as authorization of the General Manager to sign and the record the utility easement deed. Motion to recommend the Board authorize the General Manager to sign and record the utility easement deed, Director McFadden; Second, Director Naumann. Voice vote, three ayes (McFadden, Naumann, Maulhardt).

4. Project Highlights

1. El Rio Iron and Manganese Project Update

Senior Engineer Robert Richardson provided updates and slides regarding El Rio Iron and Manganese Project (see attached). Chair Maulhardt addressed the current grant funding and inquired about the local match amount. Mr. Richardson explained that the total construction cost estimate is approximately \$7.7 million, and the District has acquired \$2.8 million in grant funding for the project. Director McFadden asked if there was any issue in keeping the filter elements in a super chlorinated environment for an extended period. Mr. Richardson stated the engineering team is not aware of any issues and the design engineer recommended as well as one of the manufacturers recommended the process. He added that if the plant begins to have an issue, United would then proceed with a backwash and re-super chlorinate the filters. Director McFadden stated that he foresees this as an issue of deterioration of equipment in a hostile environment. Director Naumann inquired about the annual delivery on the OH pipeline and if the OH group is aware of this process. Mr. Richardson responded that delivery is approximately 10,000AF per year, and Operations and Maintenance Manager Brian Collins added that the OH group is on board.

2. PTP Backup Generators Update

Mr. Collins provided updates and slides regarding the PTP Backup Generators (see attached). Chair Maulhardt questioned the security and asked if an assessment had been

UWCD Engineering and Operations Committee Meeting MINUTES

July 2, 2020

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completed. Mr. Collins responded that, per the Board's direction, staff is working to secure the area surrounding the generators including potential installation of motion sensors and additional lighting. Director McFadden asked what the run time is for the generators. Mr. Collins said that at a minimum, four days at 100% load, but tests indicate possibly five to six days of full run time. He said there is also an agreement in place with diesel suppliers for refueling if the District would need to sustain operations with the generators.

3. Freeman Diversion Sediment Removal Project Update

Mr. Collins provided updates and slides regarding the Freeman Diversion Sediment Management Project (see attached). Mr. Collins explained that the current plan is to vacuum only from the footprint area continuously as the sand migrates down.

4. EPCD Project Highlights

Senior Environment Scientist Linda Purpus provided updates and slides regarding Environmental Services (see attached).

5. Department Monthly Updates

1. Engineering Department

The monthly Engineering department report was reviewed by the Committee members and Director Naumann asked for information on the upcoming SFD release. Mr. Collins explained that the District plans a 29,000AF release. The intended target is 100cfs at the Freeman diversion, the release will continue through approximately November 9 and will then ramp down. Dr. Bral also provided a slide from the Water Resources Committee meeting (see attached).

2. Operations and Maintenance Department

The monthly Operations and Maintenance department report was reviewed by the Committee members, who had no further comment or questions.

4. Environmental Department

The monthly Environmental department report was reviewed by the Committee members, who had no further comment or questions.

6. Future Agenda Topics

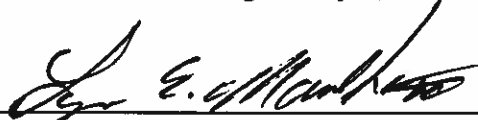
The committee members asked for updates on the District's Coastal Brackish Groundwater Treatment Plant and Recycled Water projects.

ADJOURNMENT 10:20 a.m.

Chair Maulhardt adjourned the Engineering and Operations Committee meeting at 10:20 am.

I certify that the above is a true and correct copy of the minutes of the Engineering and Operations Committee Meeting of July 2, 2020.

ATTEST:


Lynn Maulhardt, Chair

LAKE PIRU RECREATION AREA

MONTHLY DEPARTMENTAL HIGHLIGHTS

1

Division Highlights For June 2020

- COVID-19 prevention & Response Plan Development
 - Internal Plan Development
 - Completion of County Approval Documents
 - Signage & Form Development
- Development Swim Beach
 - Grading & Brush Clearance at the Juan Fernandez Launch Ramp
 - Coordinated monitoring & observation of Red tail Hawk nesting with EPCD
- Lime Fire Response Efforts
 - Support of Local Fire & EMS suppression Efforts

2

Swim Beach Development

INTERDEPARTMENTAL TEAMWORK



3

LIME FIRE RESPONSE & SUPPRESSION EFFORTS



4

FIRST RESPONDERS: OUR TRUE HEROES




5

LAKE PIRU: THE PLACE TO BE!



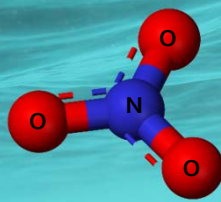
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United Water

CONSERVATION DISTRICT

Iron and Manganese Treatment Project Update



26

Fe

Iron


55.847

25



Mn

Manganese

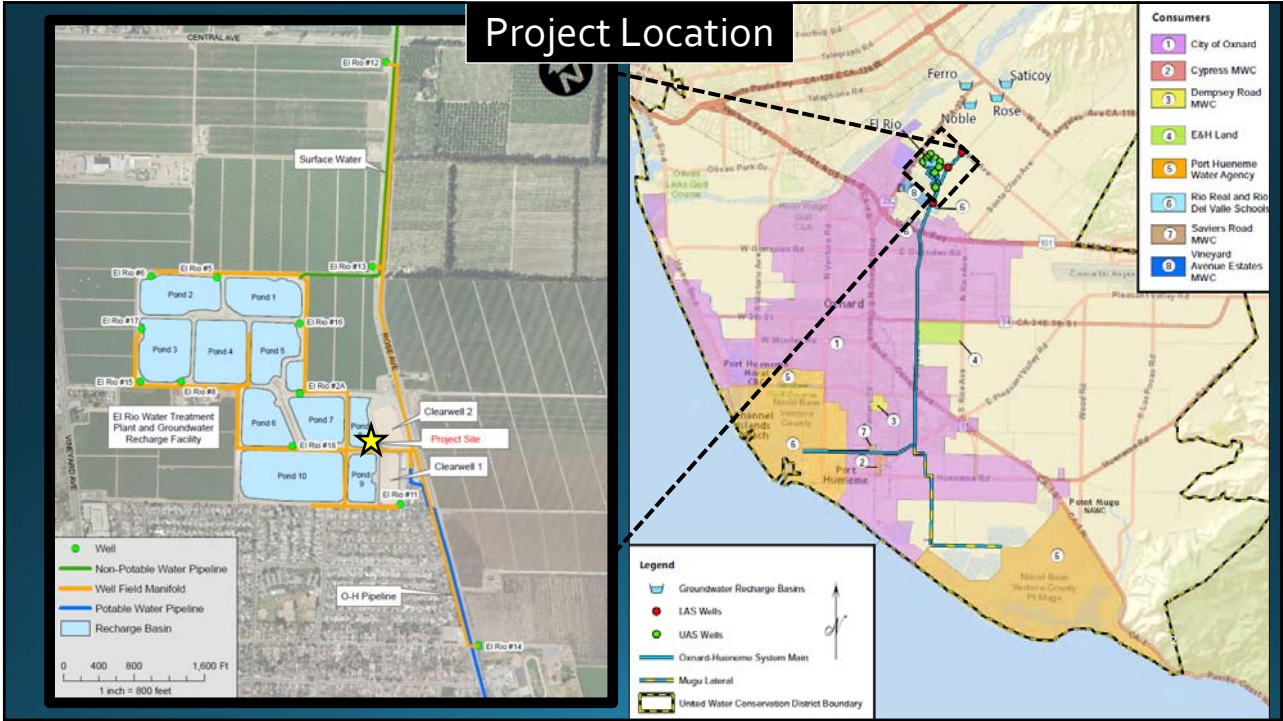
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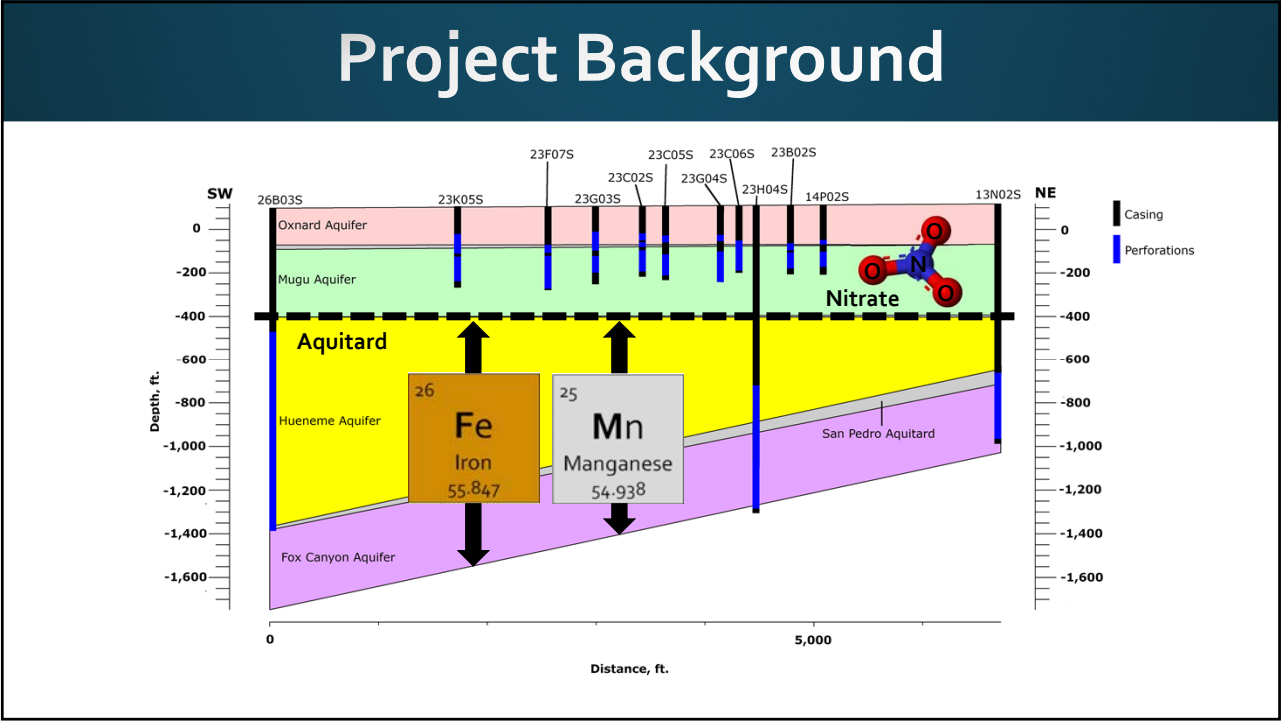
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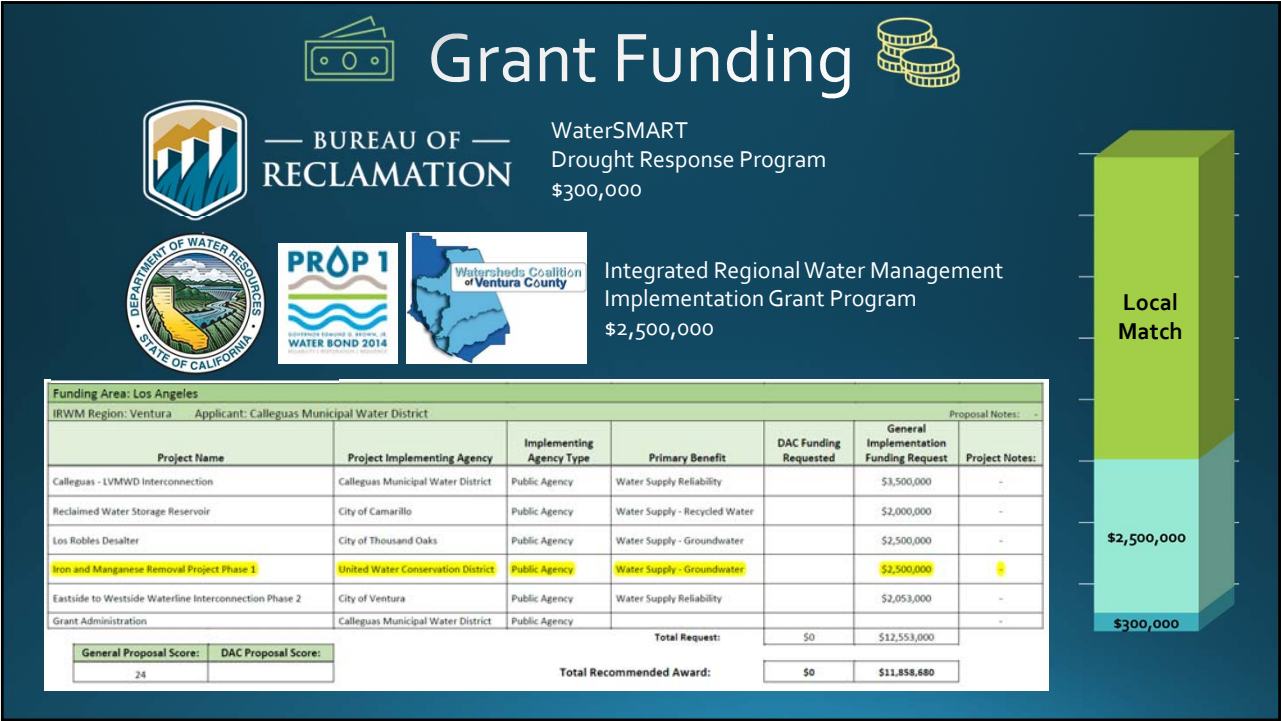
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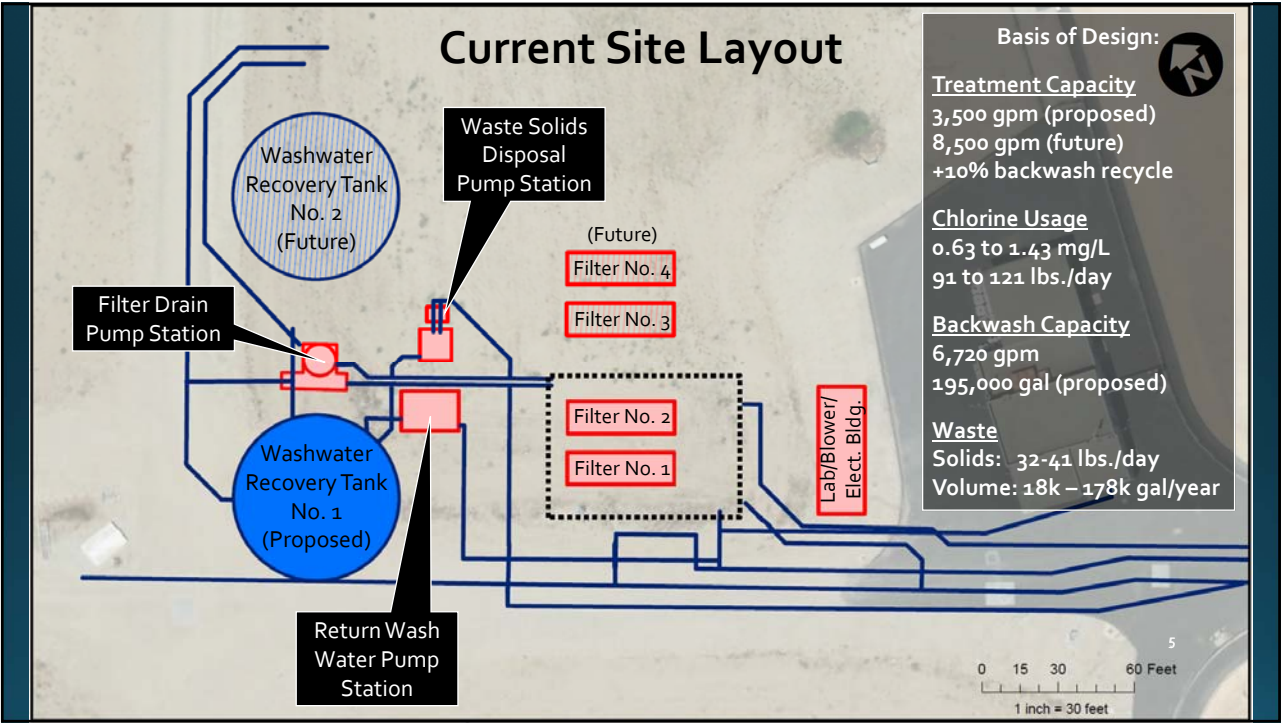
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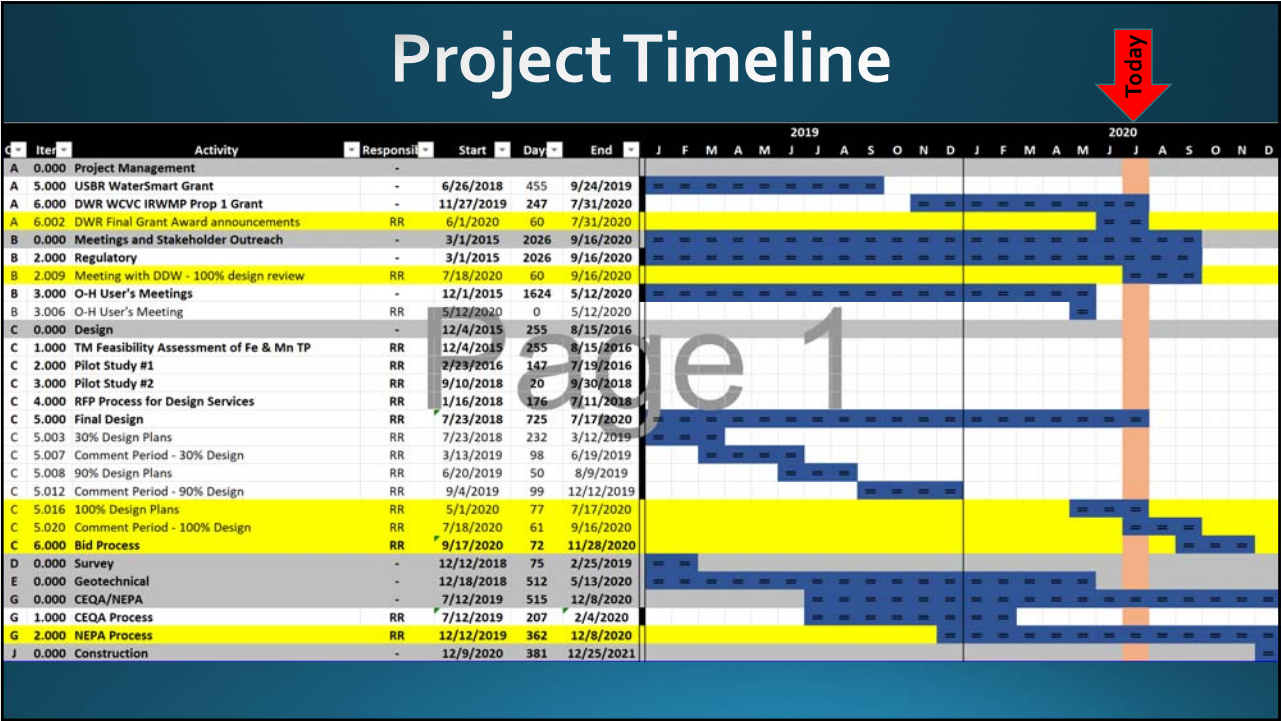
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6

Next Steps

- **Complete 100% Design**
 - Kennedy/Jenks Consultants will complete plans, specifications, estimate and schedule
- **WCVC IRWMP Prop 1 Funding**
 - DWR recommended project for funding in April 2020
 - DWR is anticipated to announce final grant awards in mid-2020
- **NEPA**
 - U.S. Bureau of Reclamation to complete NEPA process
- **Bid Process and Construction**
 - Advertise for bids as early as fall 2020 following DWR funding announcement

**OPERATIONS AND MAINTENANCE
DEPARTMENT:
PTP EMERGENCY GENERATORS AND
FREEMAN SEDIMENT MANAGEMENT PROJECT**

BRIAN COLLINS
JULY 2, 2020

1

PTP WELL 1



PTP WELL 2



2

PTP WELL 3



PTP WELL 4



3

PTP WELL 5



PTP RESERVOIR



4



5



6

Environmental Services Key Highlights

- MSHCP and Associated Permit Applications
- End of Year Shut-down of Freeman Fish Passage Facility
- Comment Letter on 5-year Review of Endangered Listing for Steelhead



1

Multiple Species Habitat Conservation Plan (MSHCP)

MSHCP and all associated permit applications submitted on June 30, 2020 (Court ordered date)

- NMFS application for Incidental Take Permit
- USFWS application for Incidental Take Permit
- CDFW notification and request for a Streambed Alteration Agreement
- USACE application for authorization under Section 404 of the Clean Water Act
- SWRCB application for authorization under Section 401 of the Clean Water Act

2

End of Year Shut-down Freeman Fish Passage Facility

June 1 – End of migration season

May 20, 2020 - Issued notification to NMFS Office of Law Enforcement

May 27, 2020 – Dewatered fish ladder

- Two smolts relocated to estuary

June 1-5, 2020 – Ramp-down and stranding surveys

- No *O. mykiss* observed

June 6, 2020 – Total river diverted



3

Comment Letter on 5-year Review of Endangered Listing for Steelhead

ESA requires agencies to conduct review of listed species every 5-years

Distinct Population Segment (DPS)

- Based on best available science
- Discrete and significant

United's position:

- Southern CA Steelhead are not discrete and significant from South-Central CA Coast Steelhead
- Anadromous *O. mykiss* not distinct population from resident *O. mykiss*

"ESA regulations and best available science compels NMFS to reclassify Southern CA Steelhead and South-Central CA Coast Steelhead into one DPS that includes resident *O. mykiss*"

4

