



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

AGENDA
ENGINEERING & OPERATIONS COMMITTEE
Thursday, September 3, 2020, at 9:00 am
Boardroom, 1701 North Lombard Street, Oxnard CA 93030

Meeting attendees should be aware that the meetings of the Committee are, as required by law, open to the public and the District has very limited powers to regulate who attends Committee meetings. Therefore, attendees must exercise their own judgement with respect to protecting themselves from exposure to COVID-19, as the District cannot ensure that all attendees at public meetings will be free from COVID-19.

**In addition to its public Engineering and Operations Committee Meeting,
people may choose to participate virtually
using the Webex video conferencing application.**

**If you are new to Webex video conferencing,
please visit this test page in advance of the meeting date and time:**

<https://www.webex.com/test-meeting.html>

To access the meeting, click on this link:

<https://unitedwaterconservationdistrict.my.webex.com/unitedwaterconservationdistrict.my/j.php?MTID=m0fec6bb5e5e8246835ed77cf5e60b32f>

Meeting number: 142 485 9382 Password: EnOC (3662 from phones and video systems)
Join by phone call in to +1-408-418-9388 (toll rates apply) Access code: 142 485 9382

Call to Order – Open Session
Committee Members roll call

1. Public Comment (Proposed Time: 5 minutes)

The public may comment on any matter not on the agenda within the jurisdiction of the Committee. All comments are subject to a five-minute time limit.

2. Approval of Minutes (Proposed Time: 5 minutes)

The Committee will review the minutes from the July 2, 2020 Committee meeting.

3. September 9, 2020 Board Meeting Motion Agenda Items

3.1 Resolution 2020-16 Authorizing General Manager and Chief Engineer as signatories for Cal OES Hazard Mitigation Grant Program (Engineering Department) (Proposed Time: 5 minutes)

The committee will review and consider recommending the approval of Resolution 2020-16 to the full Board, authorizing Mauricio Guardado and Dr. Maryam Bral as signatories on behalf of United Water Conservation District for the Cal OES Hazard Mitigation Grant Program and Pre-Disaster Mitigation Program.

3.2 Accept Utility Easement Deeds at Pumping Trough Pipeline Turnout No. 126 (Engineering Department) (Proposed Time: 5 minutes)

The committee will review the Utility Easement Deeds at Pumping Trough Pipeline Turnout No.126.



3.3 Authorize General Manager to execute Professional Services Agreement with DOD Construction for the Grand Canal Headworks Project (Engineering Department)

(Proposed Time: 10 minutes)

The committee will review and consider recommending to the full Board that it authorize the General Manager to award a construction agreement for the Grand Canal Headworks Replacement Project to DOD Construction.

3.4 Amendment to Northwest Hydraulic Consultants Professional Services Agreement (Engineering Department) (Proposed Time: 10 minutes)

The committee will review the Amendment to Northwest Hydraulic Consultants Professional Services Agreement and consider recommending authorizing the General Manager to execute the amendment.

4. Project Highlights

4.1 Freeman Diversion Sediment Removal (Operations and Maintenance) (Proposed Time: 15 minutes)

4.2 Recycled Water (Engineering) (Proposed Time: 5 minutes)

5. Future Agenda Topics

ADJOURNMENT

Directors:

Lynn Maulhardt, Chair
Edwin T. McFadden III
Daniel C. Naumann

Staff:

Mauricio E. Guardado Jr.	Dr. Maryam Bral
Anthony Emmert	Craig Morgan
Brian Collins	Michel Kadah
Robert Richardson	Linda Purpus
Adrian Quiroz	Clayton Strahan

The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participation in, or denied the benefits of, the District's services, programs or activities because of any disability. If you need special assistance to participate in this meeting, please contact the District Office at (805) 525-4431. Notification of at least 48 hours prior to the meeting will enable the District to make appropriate arrangements.

Approved: _____

Mauricio E. Guardado Jr., General Manager

Posted: (date) August 28, 2020

(time) 2:30p.m.

At: United Water Conservation District Headquarters, 1701 Lombard Street, Oxnard CA 93030

Posted: (date) August 28, 2020

(time) 2:45p.m.

At: www.unitedwater.org

Dr. Maryam Bral, Chief Engineer

(attest) Destiny Rubio

(attest) Destiny Rubio



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Legal Counsel
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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

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!



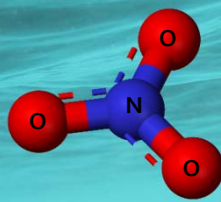
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United Water

CONSERVATION DISTRICT

Iron and Manganese Treatment Project Update



26

Fe

Iron


55.847

25



Mn

Manganese

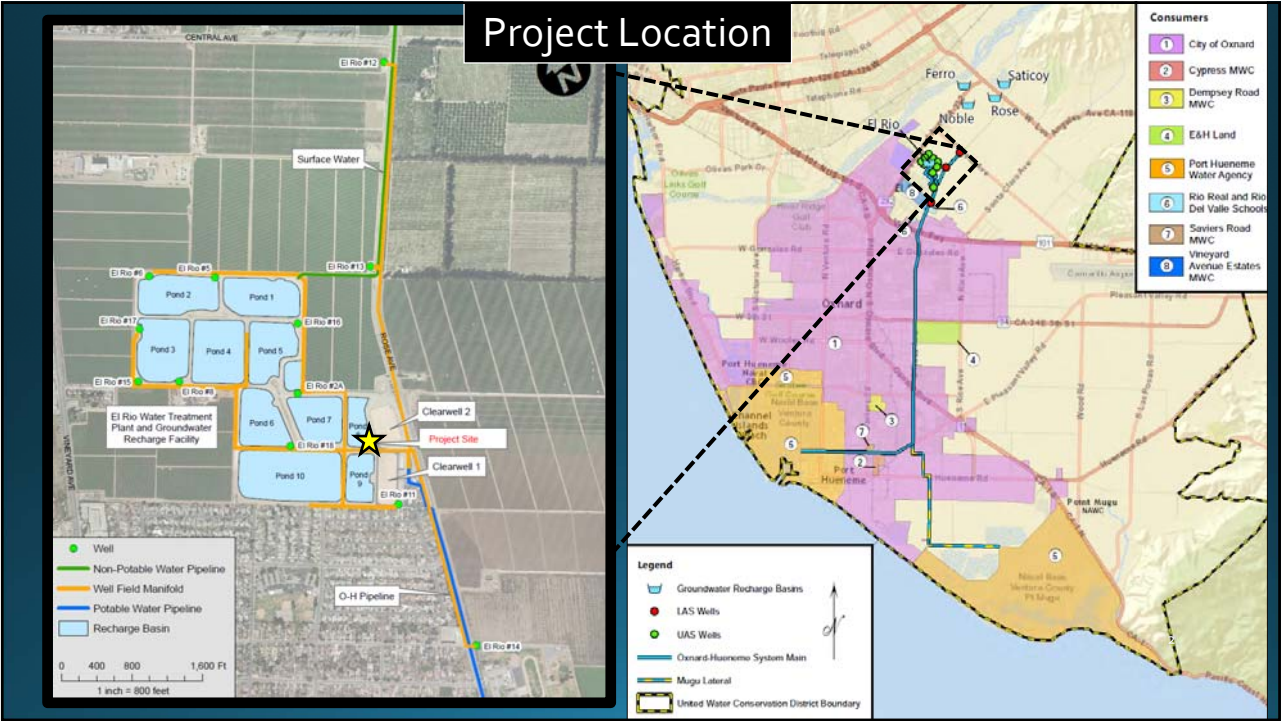
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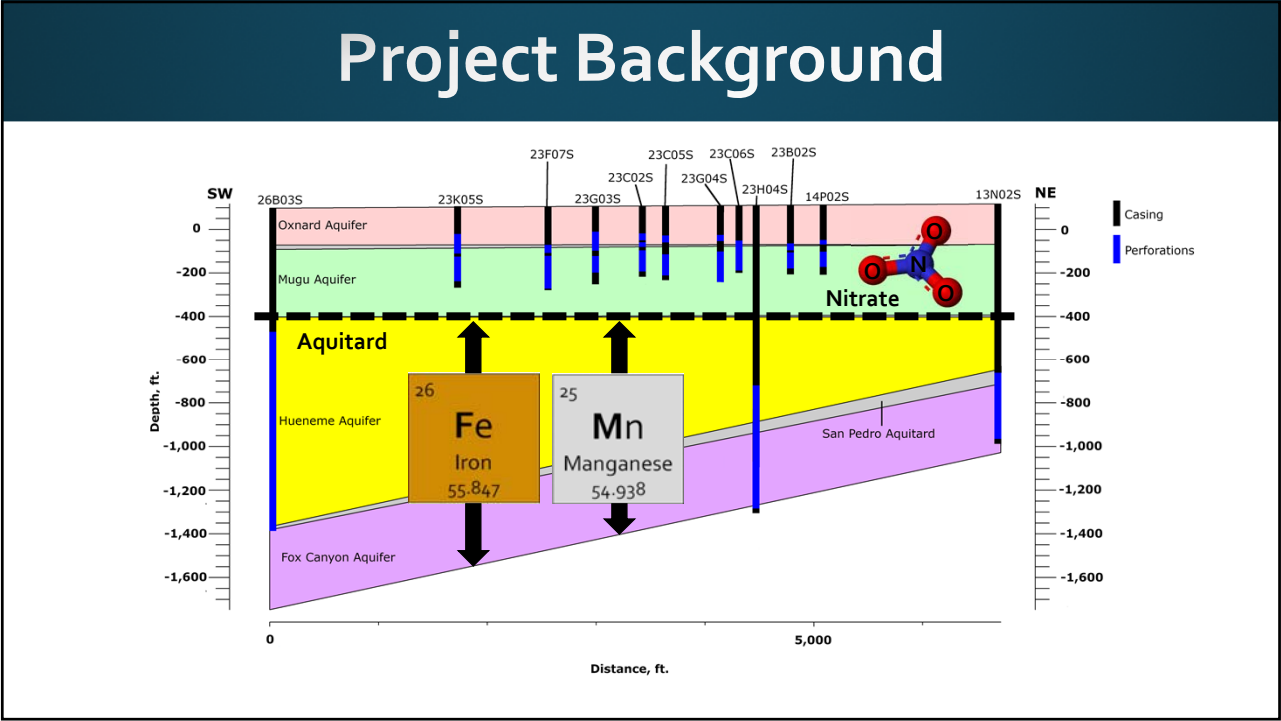
July 2, 2020



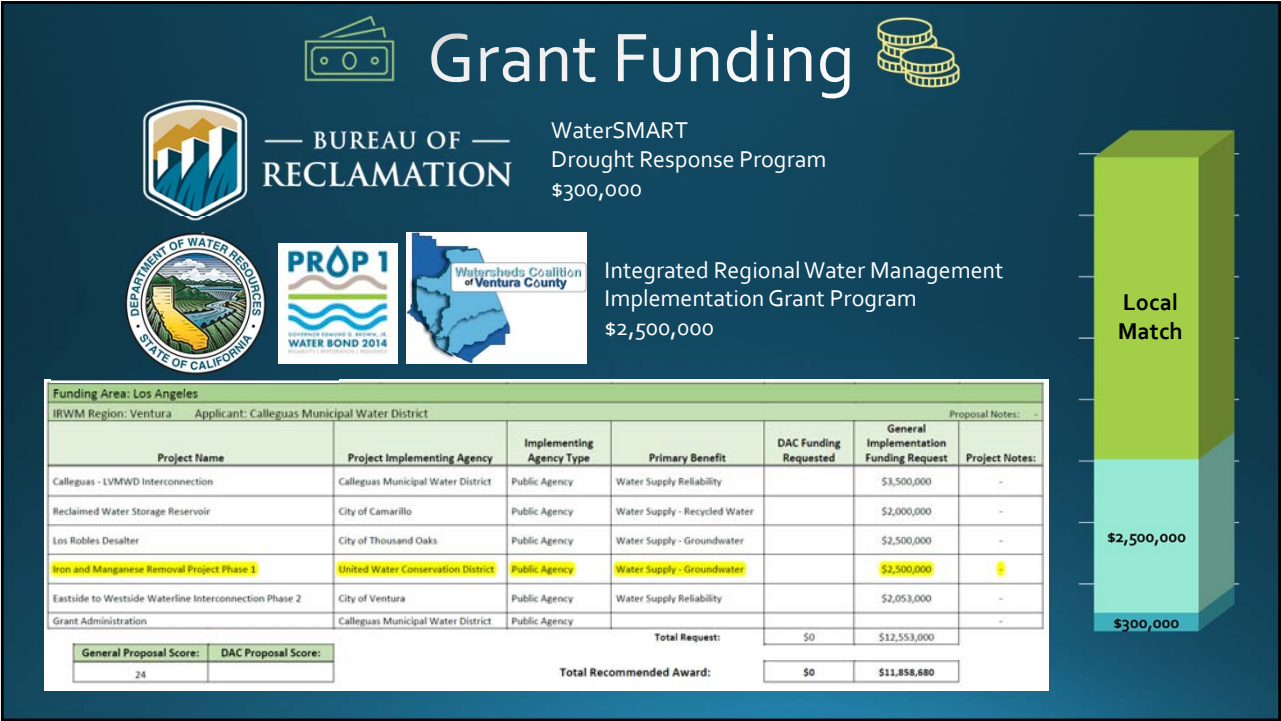
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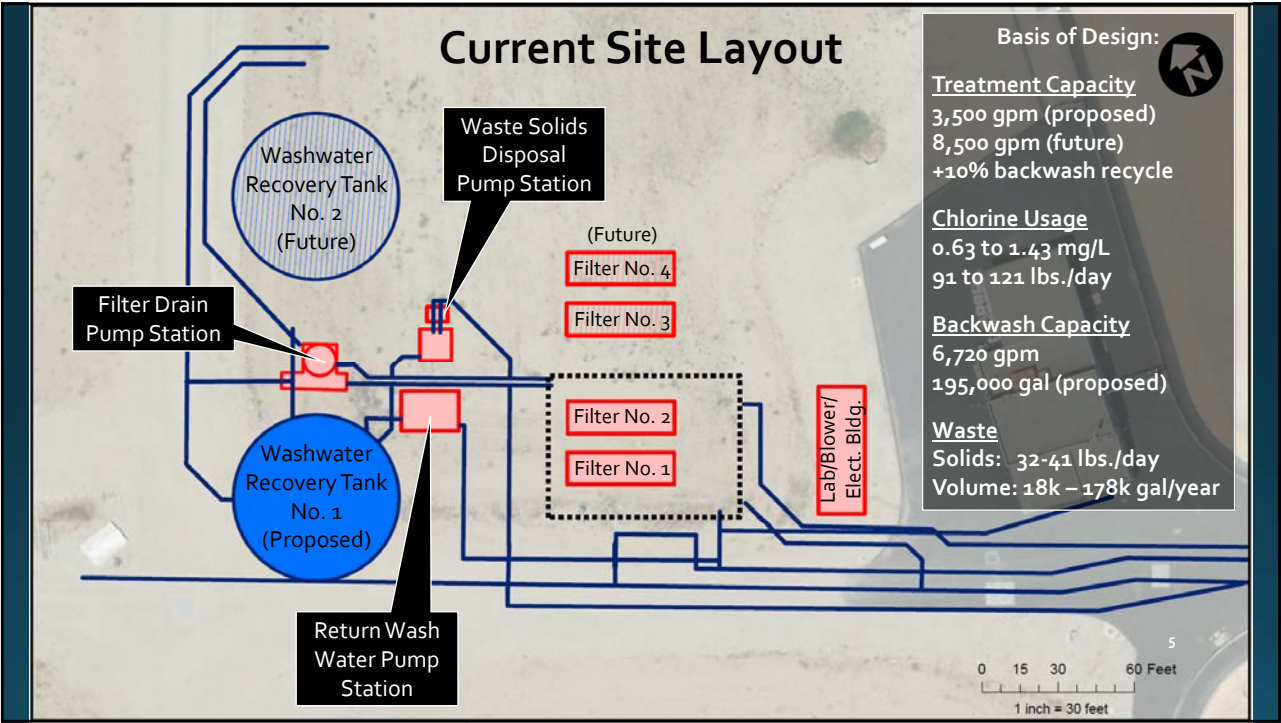
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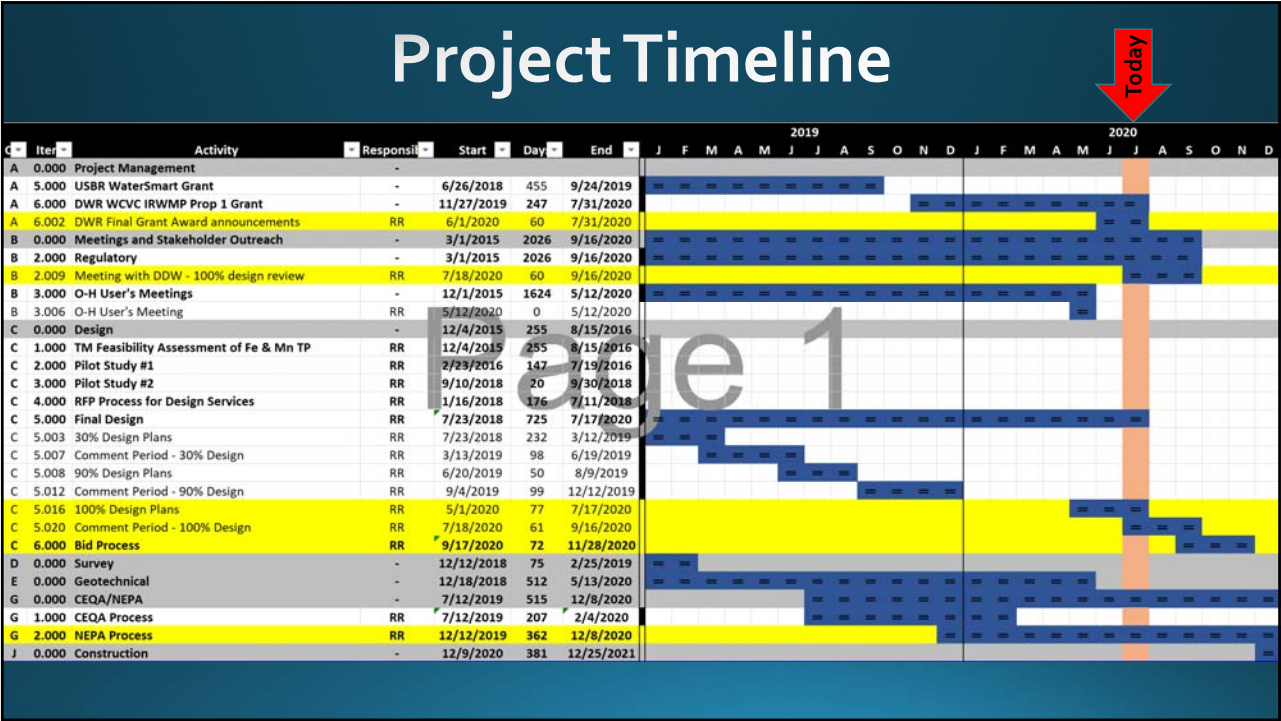
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4



5



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

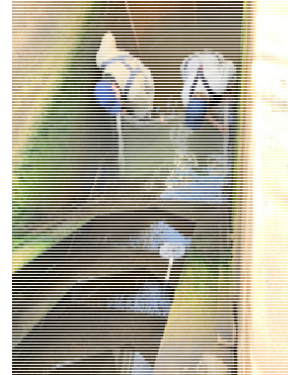
May 27, 2020 – Dewatered fish ladder

- 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)

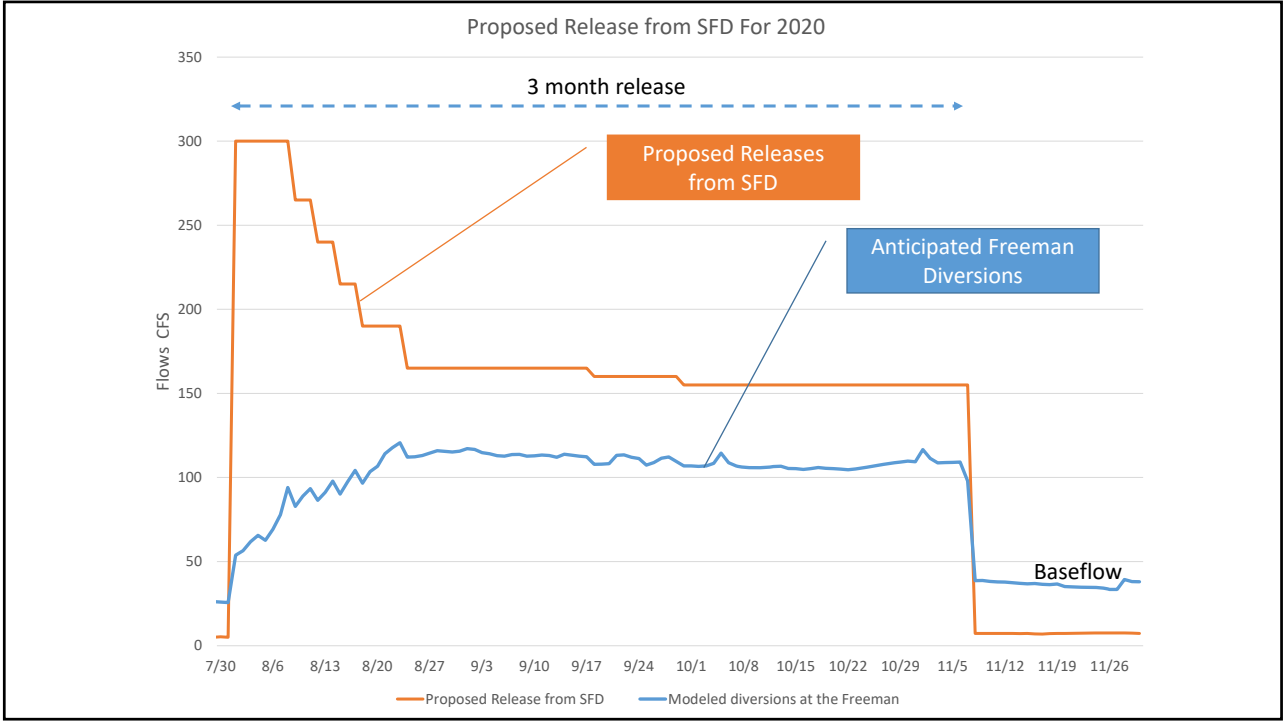
- Based on best available science
- Discrete and significant

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





Staff Report

To: Engineering and Operations Committee Meeting

Through: Mauricio E. Guardado, Jr., General Manager

From: Maryam A. Bral, Chief Engineer

Date: August 26, 2020 (September 3, 2020 Committee Meeting)

Agenda Item: 3.1 **Resolution 2020-16** Designating authorization to United Water Conservation District's General Manager and/or Chief Engineer as the District's Agents for California Governor's Office of Emergency Services (CalOES) Hazard Mitigation Grant Program (HMGP) and Pre-Disaster Mitigation Program
Motion

Staff Recommendation:

The Engineering and Operations Committee will consider recommending to the full Board that it adopts Resolution 2020-16, designating authorization to United Water Conservation District's General Manager and/or Chief Engineer as the District's agents to provide responses and documents to the California Governor's Office of Emergency Services (CalOES) for the purpose of obtaining financial assistance for Grant Number DR4407-PJ0042.

Discussion:

The District submitted two sub applications for the CalOES Hazard Mitigation Grant Program (HMGP) and Pre-Disaster Mitigation Program in July 2019. One sub-application was rejected whereas the second sub-application with Grant Number DR4407-PJ0042 for funding assistance for the OH system backup generators was considered for further evaluation and was elevated to the Federal Emergency Management Agency for review and funding consideration. The funding assistance is based on a 75/25 split, requiring a local funding match of at least 25%.

CalOES has been requesting additional information and/or clarifications as part of the evaluation process oftentimes with a short turnaround time. Authorizing two agents on behalf of the District expedites the response time to CalOES' requests for information.

Fiscal Impact

The District would not incur any new costs related to this item.

Attachments: A – Resolution 2020-16 – A resolution of the Board of Directors of United Water Conservation District designating authorized agents for California's Office of Emergency Services Hazard Mitigation Grant Program and Pre-disaster Mitigation Program

B – Designation of Subrecipient's Agent Resolution Hazard Mitigation Grant Program and Pre-Disaster Mitigation Program.

RESOLUTION 2020-16

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
UNITED WATER CONSERVATION DISTRICT
DESIGNATING AUTHORIZED AGENTS
FOR CALIFORNIA'S OFFICE OF EMERGENCY SERVICES
HAZARD MITIGATION GRANT PROGRAM AND
PRE-DISASTER MITIGATION PROGRAM**

BE IT RESOLVED by the Board of Directors of the United Water Conservation District that General Manager Mauricio E. Guardado, Jr., and/or Chief Engineer Dr. Maryam Bral are hereby authorized to execute for and on behalf of the United Water Conservation District, a public entity established under the laws of the State of California, this application and to file it with the California Governor's Office of Emergency Service for the purpose of obtaining certain federal financial assistance under Public Law 930288 as amended by the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, and/or state financial assistance under the California Disaster Assistance Act.

THAT THE United Water Conservation District, a public entity established under the laws of the State of California, hereby authorizes its agents to provide to the California Governor's Office of Emergency Service for all matters pertaining to such state disaster assistance the assurances and agreement required.

THIS IS a Disaster/Grant specific resolution and is effective for only Disaster/Grant name/number(s): DR4407-PJ0042.

PASSED, APPROVED and ADOPTED this 9th day of September, 2020.

ATTEST: _____
Board President Michael W. Mobley

ATTEST: _____
Board Secretary Sheldon G. Berger

DESIGNATION OF SUBRECIPIENT'S AGENT RESOLUTION

Hazard Mitigation Grant Program and Pre-Disaster Mitigation Program

BE IT RESOLVED BY THE _____ OF THE _____
(Governing Body) (Name of Applicant)

THAT _____, OR
(Title of Authorized Agent)

_____, OR
(Title of Authorized Agent)

(Title of Authorized Agent)

is hereby authorized to execute for and on behalf of the _____, a public entity
(Name of Subrecipient)

established under the laws of the State of California, this application and to file it with the California Governor's Office of Emergency Service. for the purpose of obtaining certain federal financial assistance under Public Law 93-288 as amended by the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, and/or state financial assistance under the California Disaster Assistance Act.

THAT the _____, a public entity established under the laws of the State of California,
(Name of Subrecipient)

hereby authorizes its agent(s) to provide to the California Governor's Office of Emergency Service for all matters pertaining to such state disaster assistance the assurances and agreements required.

Please check the appropriate box below:

This is a universal resolution and is effective for all open and futures Disasters/Grants up to three (3) years following the date of approval below.

This is a Disaster/Grant specific resolution and is effective for only Disaster/Grant name/number(s) _____

Passed and approved this _____ day of _____, 20_____

(Name and Title of Governing Body Representative)

(Name and Title of Governing Body Representative)

(Name and Title of Governing Body Representative)

CERTIFICATION

I, _____, duly appointed and _____ of _____

(Name) (Title)

_____, do hereby certify that the above is a true and correct copy of a
(Name of Applicant)

Resolution passed and approved by the _____ of the _____
(Governing Body) (Name of Applicant)

on the _____ day of _____, 20____.

(Signature)

(Title)

Cal OES Form 130

Instructions

A new Designation of Applicant's Agent Resolution is required if the previously submitted document is older than three (3) years from the last date of Board/Council approval.

When completing the Cal OES Form 130, Subrecipients should fill in the blanks on page 1. The blanks are to be filled in as follows:

Resolution Section:

Governing Body: This is the individual or group responsible for appointing and approving the Authorized Agents. Examples include: Board of Directors, City Council, Board of Supervisors, etc.

Name of Subrecipient: This is the official name of the non-profit, agency, city, county or special district that has applied for the grant. Examples include: City of Sacramento; Sacramento County; or Los Angeles Unified School District.

Authorized Agent: These are the individuals that are authorized by the Governing Body to engage with the Federal Emergency Management Agency and the California Governor's Office of Emergency Service regarding grants applied for by the subrecipient. There are two ways of completing this section:

1. **Titles Only:** If the Governing Body so chooses, the titles of the Authorized Agents should be entered here, not their names. This allows the document to remain valid if an Authorized Agent leaves the position and is replaced by another individual. If "Titles Only" is the chosen method, this document must be accompanied by a cover letter naming the Authorized Agents by name and title. This cover letter can be completed by any authorized person within the agency (e.g.; City Clerk, the Authorized Agent, Secretary to the Director) and does not require the Governing Body's signature.
2. **Names and Titles:** If the Governing Body so chooses, the names and titles of the Authorized Agents should be listed. A new Cal OES Form 130 will be required if any of the Authorized Agents are replaced, leave the position listed on the document or their title changes.

Governing Body Representative: These are the names and titles of the approving board members. Examples include: Chairman of the Board, Superintendent, etc. The names and titles cannot be one of the designated Authorized Agents.

Certification Section:

Name and Title: This is the individual that was in attendance and recorded the Resolution creation and approval. Examples include: City Clerk, Secretary to the Board of Directors, County Clerk, etc. This person cannot be one of the designated Authorized Agents to eliminate "Self Certification."



Staff Report

To: Engineering and Operations Committee

Through: Mauricio E. Guardado, Jr., General Manager

From: Maryam A. Bral, Chief Engineer
Robert J. Richardson, Senior Engineer

Date: August 26, 2020 (September 3, 2020 Committee Meeting)

Agenda Item: **3.2 Accept Utility Easement Deeds at Pumping Trough Pipeline Turnout No. 126**
Motion

Staff Recommendation:

The Committee will consider recommending to the Board that it authorize the General Manager to sign and record utility easement deed granted to the United Water Conservation District by Gill-Reeder-Ladd Ranch Family Limited Partnership, a California Limited Partnership, Gill-Reeder-Ladd Management Company, Inc., as General Partner, and Gill-Reeder-Ladd-Management Company, Inc. related to Pumping Trough Pipeline (PTP) Turnout No. 126. to the full Board at its regular September 9, 2020 meeting.

Discussion:

The District is working on acquiring utility easement deeds for various turnout locations on the PTP system in order to complete the PTP Irrigation Efficiency Meter Replacement Project (Capital Improvement Project No. 8022) and fulfill a grant requirement for the project.

Gill-Reeder-Ladd Ranch Family Limited Partnership, a California Limited Partnership, Gill-Reeder-Ladd Management Company, Inc., as General Partner, and Gill-Reeder-Ladd-Management Company, Inc has agreed and executed a utility easement deed granting the District an approximate 360 square foot utility easement, located on Assessor's Parcel No. 218-0-042-260, and shown in Attachment A.

Fiscal Impact

The District would not incur any new costs by signing and recording the utility easement deeds.

Attachments:

Attachment A – 2020-07-31 Gill-Reeder-Ladd Ranch Family Limited Partnership, a California Limited Partnership, Gill-Reeder-Ladd Management Company, Inc., as General Partner, and Gill-Reeder-Ladd-Management Company, Inc UWCD Utility Easement Deed of Ventura County APN 218-0-042-260

Attachment B – Property Map Location

RECORDING AT REQUEST OF

Hamner, Jewell & Associates

AND WHEN RECORDED MAIL TO:

United Water Conservation District
106 North 8th Street
Santa Paula, CA 93060

APN: 218-0-042-260

SPACE ABOVE THIS LINE IS FOR RECORDER'S USE

Exempt from the \$75 Building and Jobs Act Fee per Gov't Code § 27388.1(2)(D) Public Agency
No Fee Required: Govt. Code Sec. 6103 & 27383
No Transfer Tax Due: R&T Code Sec. 11922

UTILITY EASEMENT DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

Gill-Reeder-Ladd Ranch Family Limited Partnership, a California Limited Partnership, Gill-Reeder-Ladd Management Company, Inc., as General Partner, and Gill-Reeder-Ladd Management Company, Inc. (hereinafter referred to as "Grantor")

Hereby GRANT(S) to:

UNITED WATER CONSERVATION DISTRICT (hereinafter referred to as "Grantee")

a perpetual easement and right of way ("Easement Area") to construct, use, maintain, operate, alter, add to, repair, replace, reconstruct, inspect and remove at any time and from time to time subsurface non-potable water pipeline(s) and related purposes which is/are connected to and provide service from Grantee's Pumping Trough Pipeline (PTP), including but not limited to such surface installations and devices that are appurtenant to said non-potable water pipeline(s) as well as the right of pedestrian and vehicle ingress and egress to access such pipelines and related appurtenances, in, on, over, under and across the real property in the County of Ventura, State of California as described and depicted in Exhibit "A" and Exhibit "B" attached hereto and incorporated herein.

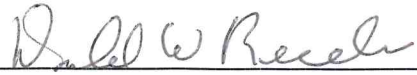
Grantor further grants to Grantee the right of assignment, in whole or in part, to others, without limitation, and the right to apportion or divide any of the rights, including but not limited to access and ingress and egress, granted to the Grantee by this Grant of Easement.

Grantor agrees for his/her self, his/her heirs and assigns not to erect, place or maintain, nor permit the erection, placement or maintenance of any structures or improvements within the Easement Area. Grantee, and its contractors, agents and employees shall have the right to trim or cut tree roots or other vegetation as may endanger or interfere with said pipelines and related appurtenances and shall have free access to said pipelines and related appurtenances at all times. Grantee shall have the right, but not the obligation, to construct a fence or other barrier along the perimeter of the Easement Area or within the Easement Area for purposes of protecting said pipelines and related appurtenances. In exercising its rights under this Grant of Easement, Grantee shall act in such a manner to cause the least injury to the surface of the ground and shall restore the surface to as near the same condition as it was prior to such work as is practicable.


GRANTOR:

**Gill-Reeder-Ladd Ranch Family Limited
Partnership, a California Limited Partnership**

By Gill-Reeder-Ladd Management Company, Inc.,
as General Partner

By: 
Donald W. Reeder
(printed name of signer)

Gill-Reeder-Ladd Management Company, Inc.

By: 

(printed name & title)

WITNESS WHEREOF, the undersigned has/have executed this Utility Easement Deed as of

July 31, 2020.

ACKNOWLEDGMENT

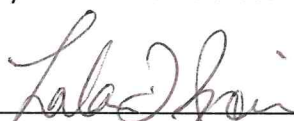
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Ventura

On July 31, 2020 before me, Lalaine D. Braime, Notary Public,
personally appeared Donald W. Reeder, who proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to
me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed
the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is
true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me, _____, Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signatures(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

PUBLIC AGENCY CERTIFICATE OF ACCEPTANCE

(Government Code Section 27281)

This is to certify that the interest in real property conveyed by the Utility Easement Deed dated _____, _____, from ***Gill-Reeder-Ladd Ranch Family Limited Partnership, a California Limited Partnership, Gill-Reeder-Ladd Management Company, Inc., as General Partner, and Gill-Reeder-Ladd-Management Company, Inc.*** ("Grantor"), to the UNITED WATER CONSERVATION DISTRICT ("Grantee"), is hereby accepted by the undersigned officer on behalf of the UNITED WATER CONSERVATION DISTRICT, pursuant to authority conferred by Board action dated _____, _____, and the Grantee consents to recordation thereof by its duly authorized officer.

DATED: _____

UNITED WATER CONSERVATION DISTRICT

By: _____

Its: _____

EXHIBIT "A"
UWCD EASEMENT – METER SITE 126E
APN 218-0-042-260

That portion of Parcel B of Subdivision 70 of the Rancho El Rio De Santa Clara O' La Colonia, in the County of Ventura, State of California, as per the map recorded in Book 3, Page 14 of Maps, in the Office of the County Recorder of said County, being also a portion of the land described in the Partnership Grant Deed recorded August 27, 1996 as Instrument No. 96-117440 of Official Records of said County, more particularly described as follows:

BEGINNING at the northwest corner of the land described in said Partnership Grant Deed, said point being on the southerly right-of-way of Laguna Road, 50.00 feet wide; thence, along said right-of-way,

- 1st - South 88°45'27" East, a distance of 18.00 feet; thence, leaving said right-of-way,
- 2nd - South 1°14'33" West, a distance of 20.00 feet; thence,
- 3rd - North 88°45'27" West, a distance of 18.00 feet to a point on the West line of the land described in said Partnership Grant Deed; thence, along said West line,
- 4th - North 1°14'33" East a distance of 20.00 feet to the point of beginning.

Containing 360 square feet, more or less.

Said land is shown on Exhibit "B" attached hereto and made a part hereof by reference.

Prepared by: Stantec Consulting Services Inc.
under the direction of:



Matthew J. Vernon, PLS 7553



June 2, 2020
P.N. 2064184300

LEGEND

APN - ASSESSORS PARCEL No.
INS - INSTRUMENT
O.R. - OFFICIAL RECORDS
No. - NUMBER
SQ. FT. - SQUARE FEET

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S 88°45'27" E	18.00'
L2	S 01°14'33" W	20.00'
L3	N 88°45'27" W	18.00'
L4	N 01°14'33" E	20.00'

RIGHT-OF-WAY
25'
50'
PUBLIC
25'

LAGUNA ROAD

NORTHWEST CORNER OF
INS. No. 96-117440 O.R.

POINT OF
BEGINNING

EASEMENT AREA
= 360 SQ. FT.

PORTION OF PARCEL B
SUBDIVISION 70
RANCHO EL RIO DE SANTA
CLARA O' LA COLONIA
3 MR 14

APN 218-0-042-26



SCALE: 1"=10'



Stantec

111 East Victoria Street, Santa Barbara, CA 93101
Phone: (805) 963-9532 Fax: (805) 966-9801

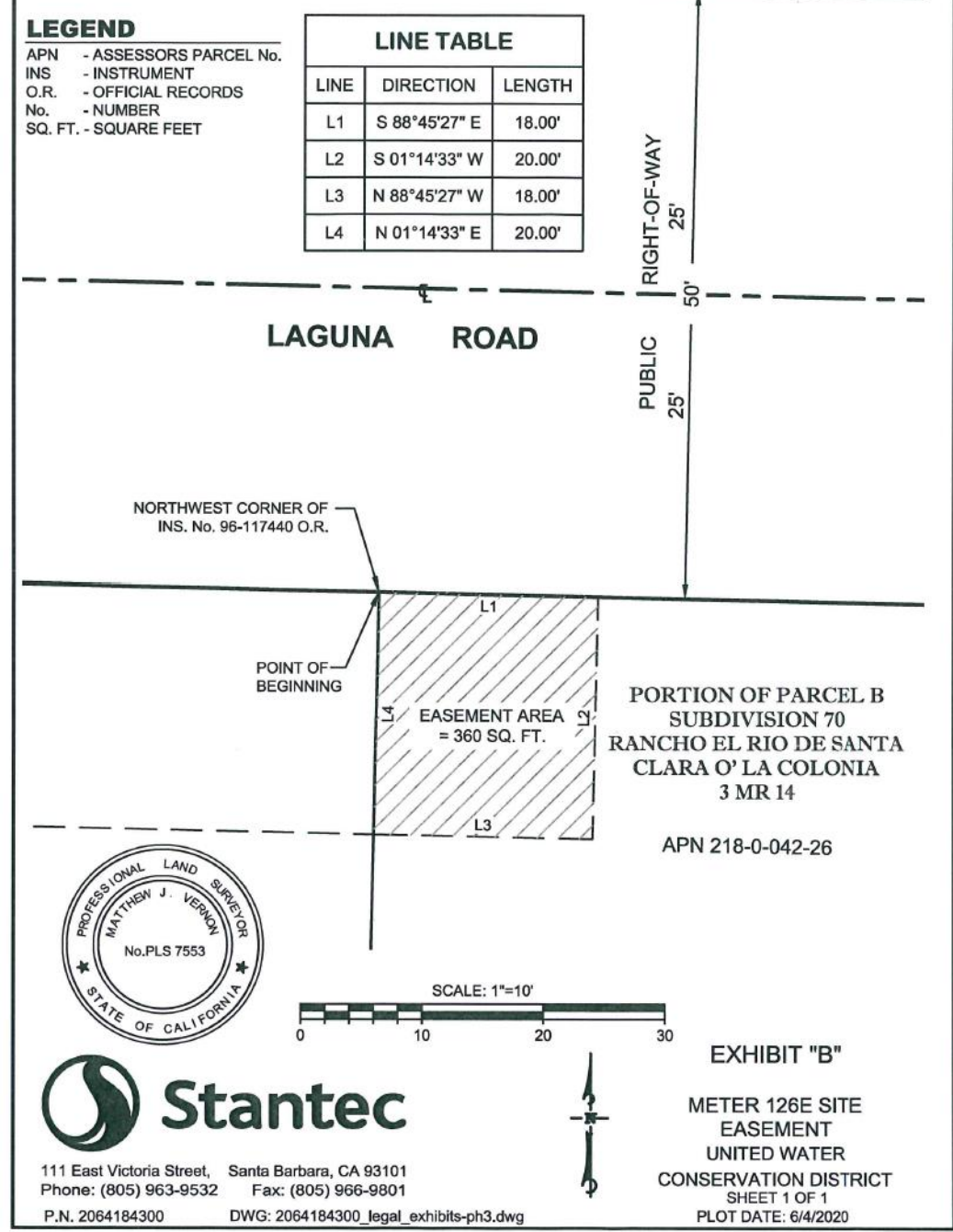
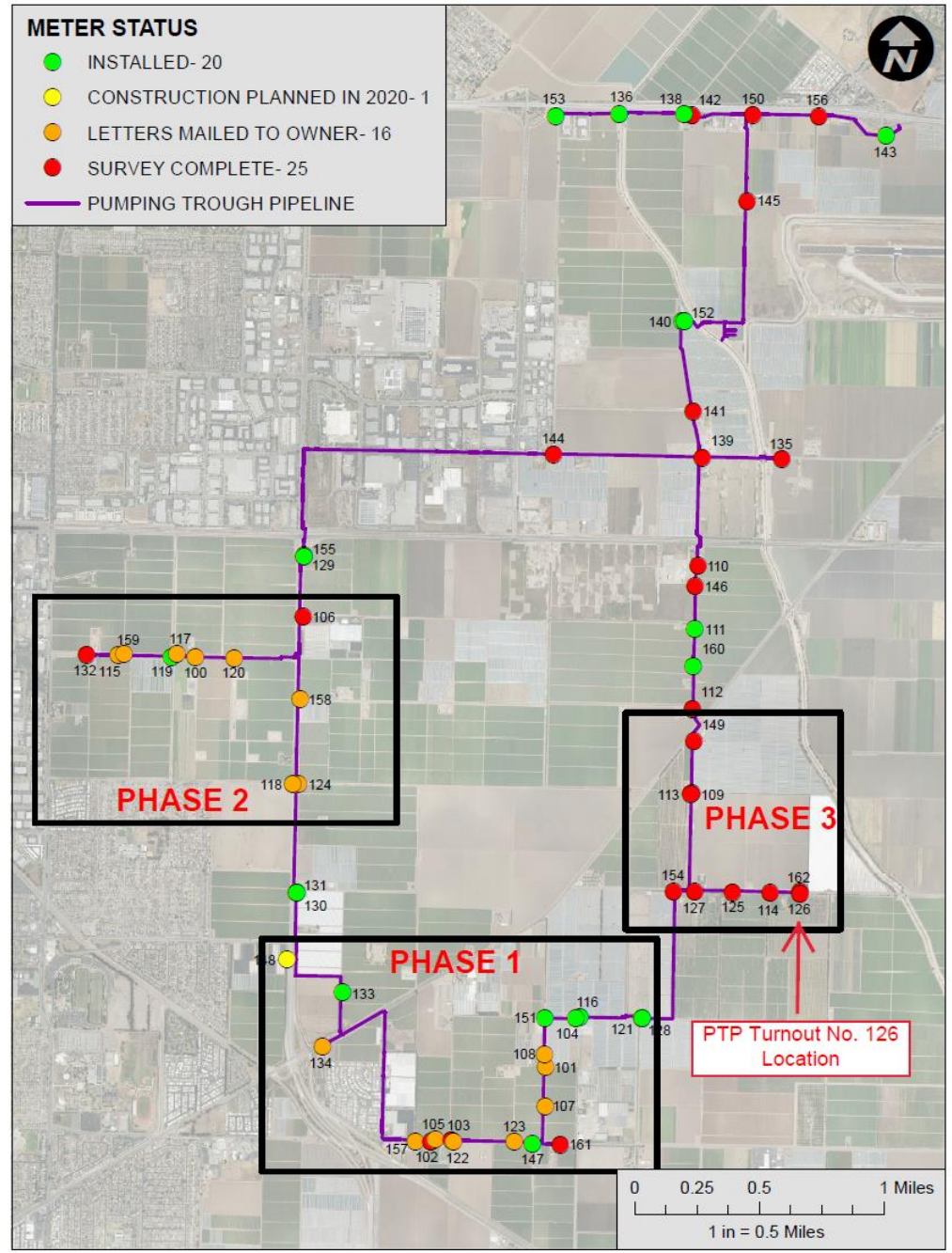
P.N. 2064184300

DWG: 2064184300_legal_exhibits-ph3.dwg



EXHIBIT "B"

METER 126E SITE
EASEMENT
UNITED WATER
CONSERVATION DISTRICT
SHEET 1 OF 1
PLOT DATE: 6/4/2020





Staff Report

To: Engineering and Operations Committee Meeting

Through: Mauricio E. Guardado, Jr., General Manager

From: Maryam Bral, Chief Engineer
Craig Morgan, Senior Engineer

Date: August 26, 2020 (September 3, 2020 Committee Meeting)

Agenda Item: **3.3 Grand Canal Headworks Replacement Project Contract Award to DOD Construction**
Motion

Staff Recommendation:

The Committee will consider recommending to the Board that it authorize the General Manager to award a contract to the lowest responsible bidder, DOD Construction, in the amount of \$273,000 for construction of the Grand Canal Headworks Replacement Project.

Discussion:

Flow tests and modeling have shown that the flow capacity of the Grand Canal Headworks is not sufficient to utilize the features downstream to their full design capacity. This project will significantly increase the flow capacity through the headworks by replacing the existing piping with larger reinforced concrete boxes.

A summary of the bids is presented below.

Grand Canal Headworks Replacement Project Bid Summary

Contractor	Bid Price
DOD Construction	\$273,000
R-Help	\$349,194
Summer Construction (Santa Paula)	\$355,377
Cushman Contracting	\$402,600
Blois Construction (Oxnard)	\$728,000
Engineer's Estimate	\$300,000

After review of the bid documents, DOD Construction was deemed the lowest responsible bidder.

Fiscal Impact:

**Agenda Item 3.3 Grand Canal Headworks Replacement Project, Contract Award to
DOD Construction
Motion**

The Grand Canal Headworks Replacement project is included in the Fiscal Year 2020-21 Budget (CIP Project 8032-835) has \$255,000 available. There would be the need to transfer \$18,000 from (CIP Project 8018-835) to provide sufficient funds for the contract amount of \$273,00.

Staff Report

To: Engineering and Operations Committee

Through: Mauricio E. Guardado, Jr., General Manager

From: Maryam Bral, Chief Engineer
Craig Morgan, Senior Engineer

Date: August 26, 2020 (September 3, 2020 Committee Meeting)

Agenda Item: **3.4 Contract Amendment with Northwest Hydraulic Consultants for the 30 Percent Design for Freeman Diversion Hardened Ramp Motion**

Staff Recommendation:

The Committee will consider recommending to the Board that it authorize the General Manager to execute an amendment to the professional services agreement with Northwest Hydraulic Consultants (NHC) in the amount of \$115,000 to provide further analysis of the Hardened Ramp as a Freeman Diversion Fish Passage Facility alternative.

Discussion:

A lot has transpired since the professional services agreement for this work was executed with NHC in March 2019. Due to the complexity of this fish passage alternative, there have been additional meetings and analysis, including Computational Fluid Dynamic (CFD) modeling, per the request of National Marine Fisheries Service (NMFS) and California Department of Fish and Wildlife (CDFW). NHC has also provided additional support, including preparation of technical memorandums and presentations concerning the physical modeling process, to staff and United's legal team.

NHC continues to meet all required deadlines and is anticipated to do so through the completion of the design development process and preparation for physical modeling of the Hardened Ramp.

Staff recommends that the District authorize the General Manager to execute a contract with NHC to complete the design development process required for the physical modeling of the Hardened Ramp as a Freeman Diversion Fish Passage Facility.

Fiscal Impact

The hydraulic design and analysis of the Freeman Diversion Fish Passage Facility is included in the Fiscal Year 2020-21 Budget (421-400-81020 Project 8001), and sufficient funds are available to provide for the \$115,000 contract amendment.

Attachments: A - NHC Budget Augmentation Letter

B - Contract Amendment 2 to NHC's professional services agreement

28 July 2020

United Water Conservation District
1701 Lombard Street
Oxnard, CA 93030

Attn: Craig Morgan, P.E.

Subject: Budget Augmentation for Hardened Ramp Design Development, NHC Project 6004761

Dear Mr. Morgan:

NHC completed the draft 30 Percent HBOD report for the Hardened Ramp in July 2019. Comments from National Marine Fisheries Service (NMFS) were received in August 2019 and a comment resolution table was prepared. Responses to comments were largely addressed in recommendations for additional design development to investigate various modifications suggested by NMFS. At the time that comments were reviewed and discussed with NMFS, NHC had significant budget remaining in the contract for the 30 Percent HBOD. NHC developed a work plan and estimated the costs for additional design development to be approximately equal to the budget remaining in the contract. Since that time, California Department of Fish and Wildlife (CDFW) has taken a more active role in project review and has provided additional comments. Since late April 2020, NHC has participated in a collaborative process with United Water Conservation District (United), CDFW, and NMFS for design development of the Hardened Ramp. A major objective of this effort is to define potential design options and investigate them to the extent feasible with numerical tools so that physical modeling can be more focused.

The original work plan was developed considering about a 12-week schedule. Based on discussion with NMFS and CDFW, an extended schedule has been implemented to provide in-progress materials to CDFW and NMFS and allow sufficient time for review and interaction. The schedule is currently projected to extend to 18 Sep 2020 for a draft documentation report and for approximately 2.5 months after that for review and resolution of comments. The design development effort was difficult to estimate at the inception due to the nature of the work – investigating potential options and interacting with a group of several technical experts at the agencies to evaluate and refine the design. At the end of June, NHC had significant budget remaining but review of the level of effort in the first two months of work indicates that the remaining budget will not be adequate to complete the process now envisioned. The need for additional budget is the result of several factors: an extended overall period for design development; increased number of review meetings to cover the range of topics; increased time for preparation and distribution of meeting materials; addition of a workshop and more formal documentation of the process; extended and more formal review period for the documentation; and the inherent difficulty in estimating the level of effort required for interactive investigation of design options.

At present we have an improved perspective on the level of effort required to complete the design development process and to be prepared for physical modeling of the Hardened Ramp. The attached estimate for additional costs to complete the work, including a small contingency, totals \$115,000. We request a budget augmentation in this amount and will continue to track progress and monitor the budget to complete the work within this amount.

28 July 2020
Craig Morgan
Page 2

We look forward to continuing to work with United and the agencies in design development for the Hardened Ramp and appreciate your consideration of the budget augmentation. Please contact me for any additional information needed.

Sincerely,
Northwest Hydraulic Consultants Inc.

A handwritten signature in blue ink that reads "Edward E. Wallace". The signature is fluid and cursive, with a long horizontal stroke at the end.

Edward E. Wallace, P.E.
Principal

Attachment: Task Breakdown Budget

L:\Projects\6004761\PM

**SECOND AMENDMENT TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES**

This Amendment to the Agreement for Professional Consulting Services entered into as of September 9, 2020, by and between **United Water Conservation District** (UNITED), a public entity, and **Northwest Hydraulic Consultants** (CONSULTANT) with reference to the following terms and conditions:

WITNESSETH

WHEREAS, on March 21, 2019, UNITED and CONSULTANT entered into a Professional Consulting Services and;

WHEREAS, UNITED and CONSULTANT have discussed and agreed to amend certain terms and conditions of the AGREEMENT involving term of agreement as specified in this Amendment.

NOW, THEREFORE, based on the covenants and considerations set forth, UNITED and CONSULTANT mutually agree as follows:

1. The AGREEMENT amount is increased by \$115,000 equaling to an AGREEMENT total of \$682,859.
2. Each and all other provisions of said AGREEMENT remain in full force and effect and apply to all services and payments made under this SECOND AMENDMENT.

UNITED WATER CONSERVATION DISTRICT

By _____
Mauricio E. Guardado, Jr., General Manager

NORTHWEST HYDRAULIC CONSULTANTS INC.

By _____
(Name and Title)

ATTACHMENT "A"
SECOND AMENDMENT TO
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES

Revised Fee Schedule

NHC COST PROPOSAL

PROJECT:
CLIENT:
DATE:
BY:

VFD Pre-Physical Model Design Development Update - Cost to complete from 30 June 2020
UWCD
23 July 2020
ew

Task No Task Description		NHC Personnel																Labor	Subcons	Direct	Task
		pe2	pe3	spe	se1	se2	e1	e2	je	gis1	gis2	set	et	jet	sca	ste	te	Cost	Cost	Cost	Cost
1	Evaluate Upsstream Intake Location	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	geotechnical hazards	0									0							0			0
	geomorphic evaluation	0				0					0							0			0
2	Ramp CFD Modeling	46	0	0	0	0	76	0	0	0	0	48	0	0	0	0	0	28456	0	8000	36456
	baffle shape and configuration	24				48						24						15846		2000	17846
	ramp slope	0	0		0	0	0					0						0		2000	2000
	left bank	6			0	0	12					12						4790		2000	6790
	ramp exit	16				16						12						7820		2000	9820
3	Ramp Configuration Modifications	12	24	0	32	0	8	0	0	0	0	16	0	0	0	0	0	17623	0	0	17623
	geomorphic evaluation	4	24		32	0												12331			12331
	ramp configuration	8					8					16						5291			5291
4	Intake Hydraulic Design Review	16	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	7806	0	0	7806
	intake hydraulics	8					16											4177			4177
	gates	8					12											3629			3629
5	Dam Crest and Tailrace Modifications	36	24	0	0	0	60	0	0	0	0	44	0	0	0	0	0	28762	0	0	28762
	dam crest	12					16					16						7380			7380
	gates	8					16					12						5835			5835
	tailrace	12					12					16						6832			6832
	2D representation	4	24				16											8715			8715
6	Flushing Channel Evaluation	40	40	0	0	0	56	0	0	0	0	24	0	0	0	0	0	30131	0	2006	32137
	operations	8					8											3081			3081
	sediment assessment 2D	8	40				16											13395		2006	15401
	design modifications	24					32					24						13655			13655
7	Review Suite of Modifications	48	20	0	0	0	32	0	0	0	0	32	0	0	0	0	0	25326	0	2000	27326
	combined modifications/operations	24	12				24					24						15324		2000	17324
	workshop presentations	24	8				8					8						10001			10001
8	Physical Model Plan	20	0	0	20	0	16	0	0	0	0	0	0	0	0	0	0	10785	0	0	10785
	plan	12			12		8											6252			6252
	presentations	8			8		8											4533			4533
9	Design Development Document	84	32	0	0	0	72	0	0	0	0	40	0	0	0	0	0	43609	0	0	43609
	draft	36	12				40					32						21599			21599
	comment resolution	24	8				8											8896			8896
	final	24	12				24					8						13114			13114
10	Meetings	56	12	0	0	0	8	0	0	0	0	0	0	0	0	0	0	17760	0	0	17760
	admin/legal	8																1986			1986
	technical review	36	12				8											12796			12796
	status	12																2978			2978
11	As-Directed	32	0	0	0	0	40	0	0	0	0	24	0	0	0	0	0	16736	0	0	16736
		32					40					24						16736			16736
Totals		218	108	0	52	0	276	0	0	0	0	0	164	0	0	0	0	\$226,994	\$0	\$12,006	\$239,000

NHC Rates (Jan 2019)

Symbol	Classification	Hourly Rate*
pe2	principal engineer 2	\$248.19
pe3	principal engineer 3	\$230.46
spe	senior project engineer	\$205.40
se1	senior engineer/scientist 1	\$181.49
se2	senior engineer/scientist 2	\$155.50
e1	engineer/scientist 1	\$136.96
e2	engineer/scientist 2	\$120.07
je	junior engineer/scientist	\$109.80
gis1	gis analyst 1	\$133.56
gis2	gis analyst 2	\$105.35
set	senior engineering technician	\$138.14
et	engineering technician	\$106.19
jet	junior engineering technician	\$79.81
sca	senior contract administrator	\$163.09
ste	senior technical editor	\$142.77
te	technical editor	\$110.04
oa	office administrator	\$88.13

Budget Remaining June 30 \$124,000
Augmentation Requested \$115,000