



**UNION SANITARY DISTRICT BOARD MEETING/  
UNION SANITARY DISTRICT FINANCING AUTHORITY  
AGENDA**

**Monday, June 13, 2022  
Regular Meeting - 4:00 P.M.**

**Union Sanitary District  
Administration Building  
5072 Benson Road  
Union City, CA 94587**

**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**  
Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**CORONAVIRUS (COVID-19) ADVISORY NOTICE**

This meeting will be held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting will not be physically open to the public and Board Members will be teleconferencing into the meeting. **To maximize public safety while still maintaining transparency and public access, members of the public can observe the meeting by following the steps listed below, and may provide public comment by sending comments to the Board Clerk by email at [assistanttogm@unionsanitary.ca.gov](mailto:assistanttogm@unionsanitary.ca.gov) before or during the meeting or via voicemail by calling 510-477-7599 before 3:00 p.m. on the date of the meeting.** Comments will then be read into the record, with a maximum allowance of 3 minutes per individual comment, subject to the Board President's discretion. All comments should be a maximum of 500 words, which corresponds to approximately 3 minutes of speaking time. If a comment is received after the agenda item is heard but before the close of the meeting, the comment will still be included as a part of the record of the meeting but will not be read into the record.

Any member of the public who needs accommodations should email or call the Board Clerk, [assistanttogm@unionsanitary.ca.gov](mailto:assistanttogm@unionsanitary.ca.gov) or 510-477-7503, who will use their best efforts to provide reasonable accommodations to provide as much accessibility as possible while also maintaining public safety in accordance with the Union Sanitary District procedure for resolving reasonable accommodation requests.

To listen to this Regular Board Meeting:

Call: 1-888-788-0099 or 1-877-853-5247

Meeting ID: 880 3096 2650 #

Participant ID: #

Click the Zoom link below to watch and listen:

<https://us02web.zoom.us/j/88030962650>

	1.	Call to Order.
	2.	<del>Salute to the Flag.</del> (This item has been suspended due to the COVID-19 pandemic.)
	3.	Roll Call.
Motion	4.	Approve Minutes of the Union Sanitary District Special Board Meeting of May 16, 2022.
Motion	5.	Approve Minutes of the Union Sanitary District Board Meeting of May 23, 2022.
Motion	6.	Approve Minutes of the Union Sanitary District Special Board Meeting of June 1, 2022.
Information	7.	Third Quarter Fiscal Year 2022 District-Wide Balanced Scorecard Measures <i>(to be reviewed by the Legal/Community Affairs Committee)</i> .
	8.	Written Communications.
	9.	Public Comment. Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available in the Boardroom and are requested to be completed prior to the start of the meeting.
Motion	10.	Award the Construction Contract for the Enhanced Treatment and Site Upgrade Program Phase 1A Campus Building Project to Zovich Construction <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	11.	Authorize the General Manager to Execute Amendment No. 2 to Task Order No. 2 with ENGEO Incorporated for the Alameda Creek-Force Main Crossing Geotechnical Investigation Project <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	12.	Authorize the General Manager to Execute Contract Change Order No. 3 with Clark Construction Group - California, LP for the Standby Power Generation System Upgrade Project <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	13.	Consider a Resolution to Accept the Construction of the Emergency Outfall Improvements Project from Garney Pacific, Inc. <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	14.	Consider Adoption of a Resolution Authorizing the Use of Teleconference Meetings in Compliance with AB 361.
Information	15.	Certificates of Merit to Union Sanitary District's Class I Permitted Industries <i>(to be reviewed by the Legal/Community Affairs Committee)</i> .
Information	16.	COVID-19 Update.

Information	17. Check Register.
Information	18. Committee Meeting Reports. <i>(No Board action is taken at Committee meetings):</i> <ol style="list-style-type: none"> <li>Engineering and Information Technology Committee – Thursday, June 9, 2022, at 11:30 a.m. <ul style="list-style-type: none"> <li>Director Lathi and Director Handley</li> </ul> </li> <li>Legal/Community Affairs Committee – Friday, June 10, 2022, at 10:30 a.m. <ul style="list-style-type: none"> <li>Director Handley and Director Kite</li> </ul> </li> <li>Personnel Committee – will not meet.</li> <li>Budget &amp; Finance Committee – will not meet.</li> <li>Legislative Committee – will not meet.</li> </ol>
Information	19. General Manager’s Report. <i>(Information on recent issues of interest to the Board).</i>
	20. Other Business: <ol style="list-style-type: none"> <li>Comments and questions. <i>Directors can share information relating to District business and are welcome to request information from staff.</i></li> <li>Scheduling matters for future consideration.</li> </ol>
	21. Adjournment – The Board will adjourn to the next Regular Board Meeting to be held virtually on Monday, June 27, 2022, at 4:00 p.m.

The facilities at the District Offices are wheelchair accessible. Any attendee requiring special accommodations at the meeting should contact the General Manager’s office at (510) 477-7503 at least 24 hours in advance of the meeting.

**REVISED**



**ENGINEERING AND INFORMATION TECHNOLOGY  
COMMITTEE MEETING**

Committee Members: Director Handley and Director Lathi

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**AGENDA**

**Thursday, June 9, 2022**

**11:30 A.M.**

**Alvarado Conference Room**

**5072 Benson Road**

**Union City, CA 94587**

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

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1. Call to Order

2. Roll Call

3. Public Comment

Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available and are requested to be completed prior to the start of the meeting.

4. Items to be reviewed for the Regular Board meeting of June 13, 2022:

- Award the Construction Contract for the Enhanced Treatment and Site Upgrade Program Phase 1A Campus Building Project to Zovich Construction
- Authorize the General Manager to Execute Amendment No. 2 to Task Order No. 2 with ENGEO Incorporated for the Alameda Creek-Force Main Crossing Geotechnical Investigation Project
- Authorize the General Manager to Execute Contract Change Order No. 3 with Clark Construction Group - California, LP for the Standby Power Generation System Upgrade Project
- ~~Consider a Resolution to Accept the Construction of the FY 21 Gravity Sewer Rehabilitation/Replacement Project - Phase VII from Casey Construction Inc.~~
- Consider a Resolution to Accept the Construction of the Emergency Outfall Improvements Project from Garney Pacific, Inc.

5. Adjournment

Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting. No action will be taken at committee meetings.
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**LEGAL/COMMUNITY AFFAIRS  
COMMITTEE MEETING**

Committee Members: Director Handley and Director Kite

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**AGENDA**

**Friday, June 10, 2022  
10:30 A.M.**

**Alvarado Conference Room  
5072 Benson Road  
Union City, CA 94587**

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

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1. Call to Order

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2. Roll Call

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3. Public Comment

Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available and are requested to be completed prior to the start of the meeting.

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4. Items to be reviewed for the Regular Board meeting of June 13, 2022:

- Third Quarter Fiscal Year 2022 District-Wide Balanced Scorecard Measures
  - Certificates of Merit to Union Sanitary District's Class I Permitted Industries
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5. Adjournment

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Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting. No action will be taken at committee meetings.
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The facilities at the District Offices are wheelchair accessible. Any attendee requiring special accommodations at the meeting should contact the General Manager's office at (510) 477-7503 at least 24 hours in advance of the meeting.

**MINUTES OF THE SPECIAL MEETING OF THE  
BOARD OF DIRECTORS OF  
UNION SANITARY DISTRICT  
May 16, 2022**

**This meeting was held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting was not physically open to the public and all Board Members teleconferenced into the meeting. To maximize public safety while still maintaining transparency and public access, members of the public were able to observe the Board Meeting and provide public comment by sending comments to the Board Clerk.**

**CALL TO ORDER**

President Lathi called the special meeting to order at 4:00 p.m.

**ROLL CALL**

PRESENT: Anjali Lathi, President  
Manny Fernandez, Vice President  
Jennifer Toy, Secretary  
Tom Handley, Director  
Pat Kite, Director

STAFF: Paul Eldredge, General Manager/District Engineer  
Michelle Powell, Communications and Intergovernmental Relations Coordinator  
Sharon Anderson, Administrative Specialist  
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

**PUBLIC COMMENT**

There was no public comment.

**COMBINED BOARD WORKSHOP**

General Manager Eldredge presented information regarding comparison agencies and provided an updated on the Regional Reclaimed Water Pilot Project. General Manager Eldredge facilitated a discussion regarding the District's Rebranding Initiative.

**ADJOURNMENT:**

The special meeting was adjourned at approximately 5:20 p.m. to the next Regular Board Meeting to be held Monday, May 23, 2022, at 4:00 p.m.

SUBMITTED:

ATTEST:

\_\_\_\_\_  
REGINA McEVOY  
BOARD CLERK

\_\_\_\_\_  
JENNIFER TOY  
SECRETARY

APPROVED:

\_\_\_\_\_  
ANJALI LATHI  
PRESIDENT

Adopted this 13<sup>th</sup> day of June, 2022

**MINUTES OF THE MEETING OF THE  
BOARD OF DIRECTORS OF  
UNION SANITARY DISTRICT/UNION SANITARY DISTRICT FINANCING  
AUTHORITY  
May 23, 2022**

This meeting was held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting was not physically open to the public and all Board Members teleconferenced into the meeting. To maximize public safety while still maintaining transparency and public access, members of the public were able to observe the Board Meeting and provide public comment by sending comments to the Board Clerk.

**CALL TO ORDER**

President Lathi called the meeting to order at 4:00 p.m. The regular meeting time was modified due to the COVID-19 emergency.

**SALUTE TO THE FLAG**

**ROLL CALL**

PRESENT: Anjali Lathi, President  
Manny Fernandez, Vice President  
Tom Handley, Director  
Pat Kite, Director

ABSENT: Jennifer Toy, Secretary

STAFF: Paul Eldredge, General Manager/District Engineer  
Karen Murphy, District Counsel  
Mark Carlson, Business Services Manager/CFO  
Armando Lopez, Treatment and Disposal Services Manager  
Jose Rodrigues, Collection Services Manager  
Raymond Chau, Interim Technical Services Manager  
Gene Boucher, Human Resources Manager  
Chris Pachmayer, Fabrication, Maintenance, and Construction Coach  
Shawn Nesgis, Collection Services Coach  
Marcus Lee, Treatment and Disposal Services Coach  
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager  
Allan Briggs, Interim Capital Improvements Projects Team Coach  
Curtis Bosick, Enhanced Treatment and Site Upgrade Assistant Program Manager  
Jason Yeates, Organizational Performance Coordinator  
Trieu Nguyen, IT Administrator  
Sharon Anderson, Administrative Specialist  
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

VISITORS: Monique Spyke, PFM Asset Management

## **APPROVE MINUTES OF THE UNION SANITARY DISTRICT BOARD MEETING OF MAY 9, 2022**

It was moved by Vice President Fernandez, seconded by Director Kite, to Approve the Minutes of the Board Meeting of May 9, 2022. Motion carried with the following vote:

AYES: Fernandez, Handley, Kite, Lathi  
NOES: None  
ABSTAIN: None  
ABSENT: Toy

## **APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD MEETING OF MAY 10, 2022**

It was moved by Director Kite, seconded by Director Handley, to Approve the Minutes of the Special Board Meeting of May 10, 2022. Motion carried with the following vote:

AYES: Fernandez, Handley, Kite, Lathi  
NOES: None  
ABSTAIN: None  
ABSENT: Toy

## **APRIL 2022 MONTHLY OPERATIONS REPORT**

This item was reviewed by the Budget & Finance and Legal/Community Affairs Committees. General Manager Eldredge provided an overview of the Monthly Report, and Business Services Manager/CFO Carlson provided an overview of the financial reports.

## **FISCAL YEAR 2022 3<sup>RD</sup> QUARTER MANAGED INVESTMENT PORTFOLIO REPORT**

This item was reviewed by the Budget & Finance Committee. Business Services Manager/CFO Carlson introduced Monique Spyke, Managing Director of PFM Asset Management, who presented an overview of the 3<sup>rd</sup> quarter report included in the Board meeting packet. PFM Managing Director Spyke stated a desk item was prepared and added to the Board meeting packet per a request received during the Budget & Finance Committee meeting. The desk item provided additional information which included the Consumer Price Index percent change and inflation rates from December 2020 to March 2022.

## **WRITTEN COMMUNICATIONS**

There were no written communications.

## **PUBLIC COMMENT**

There was no public comment.

## **SELECT BOARDMEMBERS TO REPRESENT UNION SANITARY DISTRICT ON EXTERNAL COMMITTEES FOR FISCAL YEAR 2023**

General Manager Eldredge stated Policy No. 3070 calls for the Board to annually select representatives and alternates for the four following External Committees: Alameda County Water District Finance Authority (ACWDFA), East Bay Dischargers Authority

Commission (EBDA), Alameda County Special Districts Association (ACSDA), and Southern Alameda County Geographic Information System Joint Powers Authority (SACGISA). Current Board representatives and alternates for external committees and a table showing Boardmember preferences for external committee assignments were included in the Board meeting packet. Staff recommended the Board select members to serve the Fiscal Year 2023 term as USD representatives to the Alameda County Water District Finance Authority, East Bay Dischargers Authority Commission, Alameda County Chapter of the California Special Districts Association, and the Southern Alameda County Geographic Information System Joint Powers Authority.

It was moved by Director Kite, seconded by Director Handley, to Accept the Following External Committee Assignments for Fiscal Year 2023.

<b>External Committee</b>	<b>Board Representative</b>	<b>1<sup>st</sup> Alternate</b>	<b>2<sup>nd</sup> Alternate</b>
ACWDFA	Jennifer Toy	Manny Fernandez	Tom Handley
EBDA	Anjali Lathi	Tom Handley	Jennifer Toy
ACSDA	Manny Fernandez	Pat Kite	Tom Handley
SACGISA	Tom Handley	Manny Fernandez	Anjali Lathi

Motion carried with the following vote:

AYES: Fernandez, Handley, Kite, Lathi  
 NOES: None  
 ABSTAIN: None  
 ABSENT: Toy

**REVIEW AND CONSIDER APPROVAL OF COLLECTION SERVICES WORKGROUP MANAGER, COLLECTION SERVICES COACH, AND SENIOR ACCOUNTING AND FINANCIAL ANALYST POSITION DESCRIPTIONS, AND REVISION TO SALARY RANGES**

This item was reviewed by the Personnel Committee. General Manager Eldredge stated that with the retirement of the Finance and Acquisition Services Team (FAST) Coach, the District reviewed the team structure and job descriptions for various positions and also reviewed employee composition. Following the review, staff believe the District would benefit from a change to the reporting structure for various positions that would include replacement of the FAST Coach position with a Senior Accounting and Financial Analyst position and that warehouse staff should report to the Collection Services work group. Staff recommended the Board consider approval of Collection Services Workgroup Manager, Collection Services Coach, and Senior Accounting and Financial Analyst position descriptions, and revision to salary ranges.

It was moved by Director Kite, seconded by Vice President Fernandez, to Approve the Collection Services Workgroup Manager, Collection Services Coach, and Senior Accounting and Financial Analyst Position Descriptions and Adjustments to the Salary Ranges for Each Position. Motion carried with the following vote:

AYES: Fernandez, Handley, Kite, Lathi  
 NOES: None

ABSTAIN: None  
ABSENT: Toy

**CONSIDER A RESOLUTION TO ACCEPT A SANITARY SEWER EASEMENT AND QUITCLAIM TWO EASEMENTS FOR TRACT 8205 – NILES GATEWAY PHASE 1, LOCATED AT 37899 NILES BOULEVARD, IN THE CITY OF FREMONT**

This item was reviewed by the Legal/Community Affairs Committee. Technical Services Manager Chau stated the developer, Lennar Homes of California, LLC, will construct a residential development at 37899 Niles Boulevard, in the City of Fremont. The approved development plans required replacement of an existing public sewer main within two existing sanitary sewer easements. The new sewer main has been constructed and the existing sewer main has been properly abandoned. The easements can be quitclaimed as they are no longer needed. The roadways of the development have been designated as private, and Lennar Homes of California, LLC, has granted the District a sanitary sewer easement that provides for access and maintenance to the new sewer main. Staff recommended the Board consider a resolution to accept a sanitary sewer easement and quitclaim two easements for Tract 8205 – Niles Gateway Phase 1, located at 37899 Niles Boulevard, in the City of Fremont.

It was moved by Vice President Fernandez, seconded by Director Kite, to Adopt Resolution No. 2966 to Accept a Sanitary Sewer Easement and Quitclaim Two Existing Sanitary Sewer Easements for Tract 8205 – Niles Gateway Phase 1, Located at 37899 Niles Boulevard, in the City of Fremont, California. Motion carried with the following vote:

AYES: Fernandez, Handley, Kite, Lathi  
NOES: None  
ABSTAIN: None  
ABSENT: Toy

**CONSIDER A RESOLUTION TO ACCEPT A SANITARY SEWER EASEMENT FOR TRACT 8477 – OLIVEIRA FARM COTTAGES, LOCATED AT 39392 BLACOW ROAD, IN THE CITY OF FREMONT**

This item was reviewed by the Legal/Community Affairs Committee. Technical Services Manager Chau stated the developer, CASDEV 21, LLC, will construct a residential development for Tract 8477, at 39392 Blacow Road, in the City of Fremont. The roadways of the development have been designated as private and CASDEV 21, LLC, has constructed the new sewer main and granted the District a sanitary sewer easement that provides for access and maintenance to the new public sewer main in the private roadway. Staff recommended the Board consider a resolution to accept a sanitary sewer easement for Tract 8477 – Oliveira Farm Cottages, located at 39392 Blacow Road, in the City of Fremont.

It was moved by Director Handley, seconded by Director Kite, to Adopt Resolution No. 2967 to Accept a Sanitary Sewer Easement for Tract 8477 – Oliveira Farm Cottages, Located at 39392 Blacow Road, in the City of Fremont, California. Motion carried with the following vote:

AYES: Fernandez, Handley, Kite, Lathi

NOES: None  
ABSTAIN: None  
ABSENT: Toy

**AUTHORIZE THE GENERAL MANAGER TO EXECUTE A CONTRACT WITH LUBRICATION ENGINEERS FOR THE OIL CONSOLIDATION PROJECT**

This item was reviewed by the Budget & Finance Committee. Fabrication, Maintenance, and Construction Coach Pachmayer stated a desk item was prepared to correct the dollar figures included in the staff report, the desk item was distributed and added to the Board meeting packet. The goal of the oil consolidation project was to implement an engineered lubrication system which will reduce the number of oils and greases at the District. The Project will reduce the number of oil types from 12 to 6 and will reduce the number of grease types from 15 to 3. Reducing the number of oil and greases will result in lower storage costs, overall simplicity in application, and will also streamline ordering. Staff recommended the Board authorize the General Manager to execute a contract with Lubrication Engineers for the oil consolidation project in the amount of \$150,316.06.

It was moved by Director Handley, seconded by Vice President Fernandez, to Authorize the General Manager to Execute a Contract with Lubrication Engineers for the Oil Consolidation Project in the Amount of \$150,316.06. Motion carried with the following vote:

AYES: Fernandez, Handley, Kite, Lathi  
NOES: None  
ABSTAIN: None  
ABSENT: Toy

**CONSIDER ADOPTION OF A RESOLUTION AUTHORIZING THE USE OF TELECONFERENCE MEETINGS IN COMPLIANCE WITH AB 361**

District Counsel Murphy stated AB 361 requires public agencies to make findings by majority vote within 30 days of the first teleconferenced meeting under AB 361 and every 30 days thereafter that a state of emergency still exists and continues to directly impact the ability of the members to meet safely in person, or that officials continue to impose or recommend measures to promote social distancing. The District is continuing to hold teleconferenced meetings as allowed under AB 361 due to the ongoing public health threat of COVID-19. The proposed resolution includes findings required by AB 361 to allow the District to hold teleconferenced meetings. Staff provided an update on the status of the COVID-19 Emergency Order and will forward additional information to the Board as it becomes available. Staff recommended the Board adopt a resolution authorizing the use of teleconference meetings in compliance with AB 361.

It was moved by Director Kite, seconded by Director Handley, to Adopt Resolution No. 2968 Authorizing the Use of Teleconference Meetings in Compliance with AB 361. Motion carried with the following vote:

AYES: Fernandez, Handley, Kite, Lathi, Toy  
NOES: None  
ABSTAIN: None



ABSENT: None

## **PROPOSED OPERATING AND CIP BUDGET FOR FISCAL YEAR 2023**

This item was reviewed by the Budget & Finance Committee. Business Services Manager/CFO Carlson presented the proposed operating and CIP budget for Fiscal Year 2023 and responded to Boardmember questions. The Board directed staff to present the final Budget at the June 27, 2022, Board meeting.

## **INFORMATION ITEMS:**

### **Board of Directors Internal Committee Assignments 2022-2023**

President Lathi stated Board internal committee assignments were included in the Board meeting packet.

### **Report on the East Bay Dischargers Authority Meeting of April 21, 2022**

General Manager Eldredge provided an overview of the EBDA meeting minutes included in the Board meeting packet.

### **Status of Priority 1 Capital Improvement Program Projects**

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Chau stated the Board approved the Capital Improvement Program (CIP) budget of \$43.19 million for design and construction of 31 CIP projects in June 2021. The Projects were ranked Priority 1, 2, or 3 based upon criteria prepared by staff and approved by the Executive Team. There were 18 projects ranked as Priority 1 for Fiscal Year 2022. The status of Priority 1 CIP Projects is reviewed by the Executive Team at the end of each quarter and a copy of the status report was included in the Board meeting packet.

### **Third Quarterly Report on the Capital Improvement Program for Fiscal Year 2022**

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Chau stated third quarter expenditures for Fiscal Year 2022 were presented in graphs included in the Board meeting packet. The graphs depicted actual expenditures versus approved budget for Capacity Fund 90, the Renewal and Replacement Fund 80, and for both funds combined. Total CIP expenditures up to March 31, 2021, were under projections for the third quarter by approximately \$8.2 million. Projects that had variances from projected expenditures were presented in a table included in the Board meeting packet. Staff estimated the total funds spent at the end of the fiscal year will be \$30,981,000, which would be 71.1% of the total budgeted amount of \$43,189,200. When taking the extension of the Enhanced Treatment and Site Upgrade (ETSU) Campus project into consideration, the percentage of CIP budget spent would be 90.2%.

### **Third Quarterly Report on the Enhanced Treatment and Site Upgrade Program for Fiscal Year 2022**

This item was reviewed by the Engineering and Information Technology Committee. Enhanced Treatment and Site Upgrade Assistant Program Manager Bosick stated the Enhanced Treatment and Site Upgrade (ETSU) Quarterly Program Management Report for the third quarter of fiscal year 2022 was included in the Board meeting packet. Part 1

of the report provides an executive summary of the ETSU Program status and the Program Dashboard as currently shown on the District website.

**COVID-19 Update**

General Manager Eldredge provided an update regarding COVID-19 impacts on District operations and coordination efforts.

**Check Register**

There were no questions regarding the check register.

**COMMITTEE MEETING REPORTS:**

The Budget & Finance, Legal/Community Affairs, Engineering and Information Technology, and Personnel Committees met.

**GENERAL MANAGER'S REPORT:**

- The bid opening for the Enhanced Treatment and Site Upgrade Program Campus Building will be held May 24, 2022. Staff will provide an update to the Board via email.
- The Board Rebranding Workshop will be held June 1, 2022.

**OTHER BUSINESS:**

There was no other business.

**ADJOURNMENT:**

The meeting was adjourned at 5:06 p.m. to a Board Workshop to be held virtually on Wednesday, June 1, 2022, at 4:00 p.m.

SUBMITTED:

ATTEST:

\_\_\_\_\_  
REGINA McEVOY  
BOARD CLERK

\_\_\_\_\_  
JENNIFER TOY  
SECRETARY

APPROVED:

\_\_\_\_\_  
ANJALI LATHI  
PRESIDENT

Adopted this 13<sup>th</sup> day of June 2022

**MINUTES OF THE SPECIAL MEETING OF THE  
BOARD OF DIRECTORS OF  
UNION SANITARY DISTRICT  
June 1, 2022**

**This meeting was held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting was not physically open to the public and all Board Members teleconferenced into the meeting. To maximize public safety while still maintaining transparency and public access, members of the public were able to observe the Board Meeting and provide public comment by sending comments to the Board Clerk.**

**CALL TO ORDER**

President Lathi called the special meeting to order at 4:00 p.m.

**ROLL CALL**

PRESENT: Anjali Lathi, President  
Manny Fernandez, Vice President  
Jennifer Toy, Secretary  
Tom Handley, Director  
Pat Kite, Director

STAFF: Paul Eldredge, General Manager/District Engineer  
Michelle Powell, Communications and Intergovernmental Relations Coordinator  
Sharon Anderson, Administrative Specialist  
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

**PUBLIC COMMENT**

There was no public comment.

**BOARD WORKSHOP**

General Manager Eldredge presented information regarding the District rebranding initiative and led a discussion regarding next steps.

**ADJOURNMENT:**

The special meeting was adjourned at approximately 4:35 p.m. to the next Regular Board Meeting to be held Monday, June 13, 2022, at 4:00 p.m.

SUBMITTED:

ATTEST:

\_\_\_\_\_  
REGINA McEVOY  
BOARD CLERK

\_\_\_\_\_  
JENNIFER TOY  
SECRETARY

APPROVED:

\_\_\_\_\_  
ANJALI LATHI  
PRESIDENT

Adopted this 13<sup>th</sup> day of June, 2022

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**JUNE 13, 2022  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM #7**

**TITLE:** Third Quarter FY 22 District-Wide Balanced Scorecard Measures (*This is an Information Item*)

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
Mark Carlson, CFO/ Business Services Work Group Manager  
Gene Boucher, Organizational Support Team Coach  
Karoline Terrazas, Organizational Performance Manager  
Jason Yeates, Organizational Performance Coordinator

**Recommendation**

Information only.

**Discussion**

This report summarizes progress meeting the District's strategic objectives and safety measures for the second quarter of fiscal year 2022 to date (October 1 – March 31, 2022).

**Safety**

The District continues its efforts of maintaining COVID-19 safety protocols to align with the guidance of the Alameda County Health Department, CDC, and Cal OSHA. To be cognizant of exposures, activities such as meetings and trainings are conducted virtually with some slowly resuming to in-person or hybrid depending on size of the group and who is in attendance.

There were two work related exposures that were categorized as OSHA recordable in the third quarter. There were no incidents with lost days, or at-fault vehicle damages reported. District employees completed four safety trainings in the third quarter, with a 92.57% completion rate.

**Operational Excellence**

Operational Excellence scorecard measures are displayed in table 2 (a total of 5 pages). Note that the track and report measures do not have a colored outcome.

- Customer measures- The District remained diligent with its outreach and school presentations efforts during the third quarter. Our service measures continue to exceed expectations, with an average time to customer contact of 19 minutes year to date.
- Financial measures- There are several new annual measures listed under financial objectives that will be updated when appropriate. The District remains under budget for special project expenditures. Chemical costs and usage continue to be monitored.
- Internal process measures- 73.6% of our collection system has been cleaned per plan and is on track to meet the annual goal. While slightly reduced in the third quarter, the plant's sludge volume index continues to exceed the general range. As shared previously, the planned updates to plant infrastructure will improve our overall sludge volume index levels.
- Employee growth and development measure- Our target professional development goal for employees, on average, is to complete 20 hours of training per fiscal year. This goal was set based with the uncertainty of in person limitations. We continue to ensure all required safety courses are completed; many online trainings have shorter instruction time than traditional classroom training.

#### Measure Outcome Color Key

District will meet and/or exceed this metric
District is monitoring/taking action on this metric
District anticipates not meeting this metric by fiscal end
T&R- Track and report metric

#### Background

District-Wide Balanced Scorecard Measures are presented quarterly.

#### Previous Board Action

None

Attachment:

Table 1: Safety Objectives and Measures

Table 2: Operational Excellence Objectives and Measures

**Table 1: Safety Objectives and Measures**

	Target	Q1	Q2	Q3	FY22 to Date	Comments	FY21	FY20	FY19
<b>Reduce the number of incidents</b>									
Total incidents with lost days	0	1	0	0	1		2	0	1
Other OSHA recordable incidents	≤4	0	1	2	3		1	1	0
# Incidents of vehicle or equipment accidents/damage	≤2	2	0	0	2		1	6	2
<b>Reduce the impact of incidents on employees and the District</b>									
Cost associated with vehicle/equipment accidents	≤\$5000	\$1,088.75	\$250.00	\$0.00	\$1,338.75		\$11,194.02	\$0.00	\$646.00
Ave FTE lost time	<0.5	0.30	0.52	0.61	0.47		1.03	0.66	0.09
Total Costs: Lost time Wages only	≤\$46,883	\$39,425.12	\$28,800.07	\$15,505.97	\$83,731.16		\$99,187.81	\$70,759.00	\$2,164.50
Ave FTE limited duty time	≤0.5	0	0	0	0		0	0	0
Total costs: Limited duty/Other 1/2 wages	≤\$23,441	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00
X- Mod	≤1.0				0.83		0.82	0.94	0.82
<b>Identify and correct poor practices and potential hazards</b>									
# Facility inspections completed (SIT)	0	N/A	N/A	N/A	N/A	On hold due to COVID	N/A	1	4
% of areas of concern identified during internal facility inspections that are resolved within 45 days of report	0	N/A	N/A	N/A	N/A		N/A	100%	93%
# work site inspections completed	278	81	53	88	222		346	335	335
<b>Implement industry best practices</b>									
# site visits (for potential BMPS) completed and discussed by ET	0	N/A	N/A	N/A	N/A	On hold due to COVID	N/A	0	1
<b>Communicate our commitment to safety</b>									
# GM communications on status of safety program and performance	≥4	11	10	12	33		34	19	7
# safety strategy reviews conducted by ET and EHSS	4	1	0	0	1		48	12	4
<b>Educate employees in safe work practices</b>									
# of major safety training events offered	9	4	4	4	12		13	9	11
Ave % of targeted employees trained vs. plan	≥90%	91.57%	94.24%	92.57%	92.79%		92.66%	89.77%	90.73%
<b>Create a positive safety culture</b>									
% Positive responses on the employees safety survey (aver)	≥75%	N/A	N/A	N/A	N/A	Postponed at this time	POSTPONED	POSTPONED	N/A

**Table 2: Operational Excellence Objectives and Measures**

CUSTOMER OBJECTIVES									
	Target	Q1	Q2	Q3	FY22 to Date	Comments	FY21	FY20	FY19
<b>Stewardship: Demonstrate responsible stewardship of District assets and the environment</b>									
# of Outreach Activities/Events Completed	57	21	43	47	111		90	107	126
Community Events / Online Outreach	51	16	25	18	59		9	13	11
Business	0	1	1	1	3		4	3	5
Schools	1	1	16	25	42		73	87	108
Civic	5	3	1	3	7		4	4	2
<b>Service: Provide reliable, high quality service</b>									
% of service calls responded to within 1 hour	≥95%	100%	100%	100%	100%		98.43%	98.78%	96.90%
Average time to customer contact	T&R	22 minutes	19 minutes	16 minutes	19 min		N/A	N/A	N/A
Initial response time to contact USD website inquiries (% within 3 business days)	≥90%	98%	100%	100%	99%		99.50%	98.50%	100%
Average Response time of contact USD website inquiries (in days)	T&R	0.58	0.53	0.63	0.58		N/A	N/A	N/A
# of adverse impacts on customers that were caused by USD (non-SSO)	≤10	2	1	1	4		2	3	3
<b>Emergencies: Be prepared for emergencies</b>									
# of Emergency Preparedness Activities/Events Completed	4	1	3	1	5		5	3	3
Drills	2	0	0	0	0		1	1	1
Training/Exercises (or Communication)	1	0	2	1	3		1	2	2
Documents, Plans, Policies Updated	1	1	1	0	2		3	0	0



**Table 2: Operational Excellence Objectives and Measures (continued)**

FINANCIAL OBJECTIVES									
	Target	Q1	Q2	Q3	FY22 to Date	Comments	FY21	FY20	FY19
<b>Fiscal responsibility: Ensure funding for critical programs and projects, while maintaining comparable rates</b>									
Residential Sewer Service Charge (SSC) compared to other local agencies	T&R				Annual		5.8th	5.8th	5.8th
\$: SSC Union Sanitary District	T&R				\$491.00		\$454.57	\$421	\$407
\$: SSC Regional Average	T&R				Annual		TBD	\$469	\$446
\$: SSC National Average	T&R				Annual		TBD	\$512	\$504
Total Service Population Change	T&R				Annual		TBD	356,823	N/A
Total Parcels Served	T&R				93,378		92,714	91,054	N/A
<b>Fiscal responsibility:(Financial) Accurately project and control costs</b>									
Debt Coverage Ratio	1.5				Annual		N/A	9.90	9.71
PERS Funding Level	90-100%				Annual		N/A	67.02%	68.04%
OPEB Funding Level	90-100%				Annual		N/A	60.85%	48.41%
% of Budgeted Operating Expenditures	95-103%	23.32%	21.03%	25.78%	70.13%		100%	96%	94%
% of Budgeted Overtime Used	T&R	20.19%	32.32%	20.33%	72.84%		N/A	N/A	N/A
% of Budgeted Special Projects Expenditures	80-110%	1.86%	0.76%	11.05%	13.67%		N/A	N/A	N/A
<b>Fiscal responsibility: (Chemical Usage) Accurately project and control costs</b>									
Ferrous Chloride Usage	≤ 40	43 GPH	39.6 GPH	41.0 GPH	41.2 GPH				
Hydrogen Peroxide Usage	≤ 14	17 GPH	15.1 GPH	11.8 GPH	14.06 GPH				
Hypochlorite Usage	≤ 143	156.9 GPH	144.8 GPH	91.3 GPH	131.00 GPH				
Polymer Usage - Gravity Belt Thickener (GBT)	≤ 5.5	3.5 lbs/dry ton	3.6 lbs/dry ton	3.5 lbs/dry ton	3.53 lbs/dry ton				
Polymer Usage - Dewatering	≤ 37	35 lbs/dry ton	34.1 lbs/dry ton	35.1 lbs/dry ton	34.73 lbs/dry ton				

**Table 2: Operational Excellence Objectives and Measures (continued)**

<b>FINANCIAL OBJECTIVES (Con't)</b>									
	Target	Q1	Q2	Q3	FY22 to Date	Comments	FY21	FY20	FY19
<b>Fiscal responsibility: (Process) Accurately project and control costs</b>									
Energy Produced: Cogeneration	T&R	35,911 kwh/d	29,236 kwh/d	30,992 kwh/d	32,046 kwh/d				
Energy Produced: Solar	T&R	333 kwh/d	193 kwh/d	308 kwh/d	278 kwh/d				
Total Electrical Usage	T&R	51,466 kwh/d	51,595 kwh/d	53,433 kwh/d	52,164 kwh/d				
Plant Daily Flow (Average)	T&R	22.6 mgd	23.2 mgd	22.6 mgd	22.8 mgd				
Influent Total Suspended Solids	T&R	379 mg/L	338 mg/L	342 mg/L	353 mg/L				
Effluent Total Suspended Solids	T&R	11.7 mg/L	11.3 mg/L	11.3 mg/L	11.4 mg/L				
% Removal of Total Suspended Solids	≥85%	97%	97%	97%	97%				

**Table 2: Operational Excellence Objectives and Measures (continued)**

INTERNAL PROCESS OBJECTIVES							FY21	FY20	FY19
	Target	Q1	Q2	Q3	FY22 to Date	Comments			
<b>Asset Management: Manage and maintain assets and infrastructure</b>									
Total # of Maintenance Activities to Prevent Failures	T&R	6,063	5,383	6,785	18,231		N/A	N/A	N/A
Corrective Maintenance	T&R	690	672	431	1,793		N/A	N/A	N/A
Preventative Maintenance	T&R	4,131	3,548	5,581	13,260		N/A	N/A	N/A
Proactive Corrective Maintenance (Predictive)	T&R	1,242	1,163	773	3,178		N/A	N/A	N/A
Total hours used for Maintenance Activities to Prevent Failures	T&R	10,949.63	9,637.90	8,607.93	29,195.46		N/A	N/A	N/A
Corrective Maintenance	T&R	3,372.80	3,298.50	3,038.16	9,709.46		N/A	N/A	N/A
Preventative Maintenance	T&R	4,428.60	3,554.25	3,128.54	11,111.39		N/A	N/A	N/A
Proactive Corrective Maintenance (Predictive)	T&R	3,148.23	2,785.15	2,441.23	8,374.61		N/A	N/A	N/A
Total # of Urgent Responses	T&R	31	76	82	189		N/A	N/A	N/A
Total hours used for Urgent Responses	T&R	255.5	660	595.95	1511.45		N/A	N/A	N/A
% of Collection System Cleaned per Plan	100%	21.40%	25.70%	26.50%	73.60%		N/A	N/A	N/A
% asset renewal/year: Plant	T&R				Annual		11.80%	5.03%	2.32%
% asset renewal/year: Collection System	T&R				Annual		0.06%	0.04%	0.08%
<b>Environmental Protection: Maintain our ability to meet current and future regulations</b>									
# of Category 1 SSO's	0	0	0	0	0		0	0	0
# of Category 2/3 SSO's	≤10	0	0	1	1	Cat 3 SSO 100% recovered	3	1	2
Settleability Performance: Sludge Volume Index (SVI)	100 - 150 ml/gal	332 mL/gal	350 mL/gal	221 mL/gal	301 mL/gal		N/A	N/A	N/A
Number of Days SVI Outside of Range	T&R	64	58	56	178		N/A	N/A	N/A
<b>Planning: Implement projects and programs that benefit the environment</b>									
Districtwide Critical Projects On schedule	≥85				Annual		N/A	N/A	N/A
How many hours project points expend on District projects	T&R				Annual		N/A	N/A	N/A
<b>Efficiency: Optimize processes; Use technology and resources effectively</b>									
# of projects that improve efficiency	T&R				Annual		N/A	N/A	N/A

**Table 2: Operational Excellence Objectives and Measures (continued)**

EMPLOYEE GROWTH & DEVELOPMENT OBJECTIVES									
	Target	Q1	Q2	Q3	FY22 to Date	Comments	FY21	FY20	FY19
<b>Employees: Maintain a highly competent, flexible workforce</b>									
Employee Turnover Rate- Total	T&R				Annual		3.57%	5.11%	5.11%
Employee Turnover Rate Nonretirement	T&R				Annual		2.14%	2.19%	2.00%
% of employees completing training beyond District scheduled	≥80%				Annual		53%	N/A	N/A
Average training hours per FTE	≥20	3.71	4.03	4.64	12.38		16.99	N/A	N/A
Business Services	≥20	2.83	3.18	4.52	10.53		19.15	N/A	N/A
Technical Services	≥20	2.09	3.62	5.29	11		18.25	N/A	N/A
Collections Systems	≥20	5.03	4.06	4.72	13.81		15.181	N/A	N/A
Fabrication, Maintenance, and Construction	≥20	3.83	5.74	3.44	13.01		18.85	N/A	N/A
Treatment and Disposal	≥20	4.06	3.53	4.94	12.53		14.66	N/A	N/A
<b>Safety: Work safely; reduce accidents and injuries</b>									
See Safety Scorecard									
<b>Culture: Foster a collaborative employee-management relationship that encourages new ideas and continuous improvement</b>									
% of employee participating in committee and/or taskforces (Excludes management)	≥45%				Annual		36%	44%	43%
# Districtwide Employee Engagement Activities Completed (Survey, training, events)	T&R	0	0	0	0		N/A	N/A	N/A



**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**  
Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**JUNE 13, 2022  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 10**

**TITLE:**           **Award the Construction Contract for the Enhanced Treatment and Site Upgrade Program Phase 1A Campus Building Project to Zovich Construction**  
***(This is a Motion Item)***

**SUBMITTED:**   Paul R. Eldredge, General Manager/District Engineer  
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager  
Curtis Bosick, Enhanced Treatment and Site Upgrade Assistant PM  
ETSU Steering Committee (Armando Lopez, Raymond Chau, Robert Simonich)

**Recommendation**

Staff recommends the Board award the construction contract, including Bid Alternates 1A, 1B, and 1C, for the Enhanced Treatment and Site Upgrade Program Phase 1A Campus Building Project to Zovich Construction (Zovich) in the amount of \$76,375,000.00.

**Discussion**

Phase 1A of the Enhanced Treatment and Site Upgrade (ETSU) Program consists of the construction of a new Campus Building (Campus) with related improvements and the Aeration Basin Modification Project (AB Mods Project). The AB Mods Project construction contract was bid and awarded separately from the Campus due to the timing of the projects and the differing type of work required for each. A detailed description of the scope of the Campus Project and the major drivers for constructing it are included in the background section of this report.

The Campus Building Project was advertised for bids on March 22, 2022. The District received and opened Four (4) bids on May 24, 2022. The bid results were as follows:

<b>Contractor</b>	<b>Total Bid Amount Including All Bid Alternates</b>
Zovich Construction (Brentwood, CA)	\$77,825,000
SJ Amoroso Construction Co., LLC (Redwood City, CA)	\$80,317,000
Hensel Phelps (Pleasanton, CA)	\$82,030,002
Clark Construction (Bethesda, CA)	\$85,391,790
Engineer's Estimate	\$ 78,000,000

The apparent low bidder is Zovich Construction as per the contract documents the determination of the low bid is based upon the total of the base bid and all the alternates.

#### Bid Alternates

The total bid from Zovich includes four bid alternates which are summarized in the table below:

<b>Alternate</b>	<b>Description</b>	<b>Price</b>
1A	Builder's Risk Insurance	\$150,000.00
1B	"Acts of God" Insurance	\$1,400,000.00
1C	435 kW Photovoltaic System	\$2,300,000.00
1D	245 kW Photovoltaic System	\$1,450,000.00

The Bid documents included two different sizes of solar photovoltaic systems. A smaller system that only included the solar panels on canopies in the parking lot as well as a larger system that included solar panels on the roof in addition to the parking lot. Given the bid amount of each option, staff believes the larger system (Alternate 1C) provides the best value due to the following:

- The engineers estimate for the larger system is \$3,300,000 and the bid received is \$2,300,000. A difference of 43%.

- The simple payback period using the engineers estimate was 20 years; the simple payback period based upon the bid is 12 years.
- The costs of installing additional solar power in this area in the future is likely to be higher.
- The additional power generated by the larger solar power installation will help to offset the expected increased power consumption when nutrient removal begins.
- The District is currently on a Federal funding list to potentially receive grant funding for the larger solar system.

Staff has reviewed these bid alternates and recommends including Bid Alternates 1A, 1B, and 1C in the construction contract. Including Bid Alternates 1A, 1B, and 1C, the contract price equates to a total amount of \$76,375,000.00, which is \$1,450,000 less than the total bid amount since it does not include bid alternate 1D.

Staff reviewed the bid documents and subsequent clarifications submitted by Zovich and found them to be in order. Zovich confirmed on June 1, 2022, that they will enter into the construction contract and construct the Project as bid. No bid protests were received.

Staff is of the opinion that this bidding process was competitive based on the feedback received during the bid period, total number of bids, and the significant financial commitment required to bid a project of this magnitude. The attached Table 1 includes detailed results from the four bids. Staff has checked Zovich's project references and is satisfied with their work performance. Their references included the construction of the City of Fremont Civic Event Center which Zovich recently completed (see attached photos).

This bid amount is consistent with the total project budget which also includes consultant costs, permit fees, and a \$2 million dollar furniture allowance under a separate contract. These costs are accounted for in the Districts fiscal modal and current rate structure. Staff is of the opinion that awarding this contract does not create any short or long-term impacts to the fiscal model.

The contractor has 730 calendar days (24 months) to complete the Project from the Notice to Proceed, which puts the estimated substantial completion date in August 2024. Selection of the construction management and inspection services for the Project has been completed with Psomas as the selected firm.

## **Background**

The ETSU Program is the culmination of the District's planning efforts and is based on the outcomes and findings of the Plant Solids System/Capacity Assessment – Phases 1 and 2, Administration/Control/FMC Buildings Evaluation, the Effluent Management Study and the Secondary Treatment Process Improvements evaluation. The Program includes projects recommended for implementation that will be phased to address both immediate drivers (poor sludge settleability, treatment capacity, effluent disposal and aging infrastructure), while

preparing for future requirements such as nutrient regulations for discharge in the Bay that are currently being considered by the Regional Water Quality Control Board.

The Phase 1 and 2 projects included in this program were presented to the Board during the workshop held on May 8, 2019 and are summarized in the Final Report which was approved by the Board on August 26, 2019. A third phase of projects was briefly outlined that covered the timeframe from 2040 to 2058 and included potentially stricter nutrient limits in the more distant future. The projects identified in the ETSU Program and modified by the 30% design report to be implemented in the near-term (the next seven to ten years) are included in Phase 1 and are summarized in the table below.

Phase 1A	Aeration Basin Modifications	Retrofitting existing Aeration Basins 1 through 7 and construction of an 8 <sup>th</sup> aeration basin with the flexibility to operate initially with an anaerobic selector during the implementation phase and transitioning to a biological nutrient removal (BNR) process following completion.
Phase 1A	Campus Building (Admin, FMC, Ops)	Construction of a new combined Campus Building, including associated site and utility improvements.
Phase 1B	Secondary Clarifiers	Construction of four new 160-foot diameter secondary clarifiers, mixed liquor control box, and centralized RAS pump station.
Phase 1B	Effluent Facilities	Construction of new chlorination/dechlorination contact basins, effluent pump stations, and relocation of existing effluent force main.
Phase 1C	Plant Equalization Storage	Retrofitting existing Secondary Clarifiers 1 through 4 to operate as primary effluent equalization basins.

The full version of the ETSU Program report, including appendices, can be found at the following link: <https://unionsanitary.ca.gov/ETSU>.

#### ETSU Phase 1A Project Scope

Staff developed a Phase 1A Project scope which includes the Aeration Basin Modifications project and the Campus Building project. These two projects were being designed together for the initial construction because they are the first two concurrent projects that must be constructed to facilitate the construction of the remainder of Phase 1 program. However, due to a number of factors including the Covid 19 pandemic the design of the Aeration Basins Modifications Project was able to be completed prior to the Campus Building Project.

The major scope items for the Campus Building project are as follows:



- Construct a new Campus Building that consolidates the District's existing Administration, Control/Lab and Fabrication, and Maintenance and Construction (FMC) buildings and is constructed in accordance with current seismic and safety regulations. This work includes all associated site, landscaping and utility improvements, and new parking areas and driveways.
- Construct a new storm water retention pond and covered parking with solar panels in portions of the new parking lots to be constructed around the new Campus Building.
- Install electrical and communication/network improvements as required to accomplish the above scope of work.
- Construction of a new storm drain pump station to capture on-site stormwater flows from the north end of the site and pump to the start of the treatment plant.

Other than utility and site access improvements, all Campus Building project work is anticipated to be located on or about the current approximately 4.5-acre vacant District owned land in the north-east corner of the Alvarado WWTP site.

#### Project Basis

The condition of the existing Administration and Control Buildings was studied extensively as a part of the ETSU program development as documented in the ETSU Program report adopted in August 2019.

The existing Administration and Control Buildings require significant upgrades to meet current building standards. Recommended improvements to the existing Administration and Control Buildings include seismic upgrades; mechanical, electrical, and plumbing upgrades; and building envelope repairs to prevent water intrusion. Additionally, the existing maintenance building and paint shop are nearing the end of their useful lives and were previously identified for replacement. Consequently, an evaluation was completed that compared the costs of retrofitting the existing Administration and Control Buildings and constructing a new FMC Building to the cost of constructing all new buildings. In summary, the life cycle costs were estimated to be 20 percent less than retrofitting the existing buildings. Furthermore, a new Campus Building would also provide:

- A longer life span;
- A facility built to the latest building codes;
- A much smaller overall footprint;
- An opportunity for more efficient space planning;
- A construction sequence that significantly minimizes disruptions to staff, productivity, and customer service;
- Consolidation of shared functions;

- Valuable real estate that could be used to expand the existing secondary treatment process.

As a result of this evaluation the Campus Building Project was designed to replace the existing Administration Building, Control Building, and the FMC Shop as well as provide the site improvements needed to construct the new building.

#### Project Financing

The District recently secured a WIFIA loan from the EPA to fund 49% of the total ETSU Program costs at a very favorable rate of 1.9%. This WIFIA loan was increased from \$188,758,204 to \$249,660,876 (a difference of \$60,902,672) to account for the anticipated inflationary economic conditions. Last year the District issued bonds (series 2021A) in the amount of \$110,000,000 to finance various CIP projects, of which \$80 million has specifically been set aside for the ETSU program.

Future debt financing is required to complete the remaining ETSU program. This has already been factored into the District's fiscal model and is supported by the current rate structure. It is currently anticipated this additional debt financing will be in the form of a Clean Water State Revolving Fund (SRF) loan(s) or additional bond issuances, or some combination thereof. Staff continues to pursue an SRF Loan for each phase of the ETSU Program.

#### **Previous Board Action**

August 26, 2019, the Board Adopted Resolution 2864 Approving the District's Final Report for the Enhanced Treatment & Site Upgrade Program.

January 13, 2020, the Board authorized the General Manager to execute an Agreement and Task Order No. 1 with Hazen and Sawyer in the amount of \$6,752,860 for the Enhanced Treatment and Site Upgrade Phase 1A Project to provide the 30% design services for all projects in Phase 1 of the ETSU Program (excluding the Campus Building project) and final design services associated with the Aeration Basin Modifications Project.

March 9, 2020, the Board authorized the General Manager to execute Task Order No. 2 with Hazen and Sawyer in the amount of \$3,737,412 for the Enhanced Treatment and Site Upgrade Phase 1A Project to complete the design of the Campus Building Project.

February 22, 2021, the Board authorized the General Manager to execute an Agreement and Task Order No. 1 with Psomas in the amount of \$10,986,283 for value engineering, constructability review, and construction management services for the Enhanced Treatment and Site Upgrade Phase 1A Project.

March 22, 2021, the Board Conducted a Public Hearing to Receive Comments on the Initial Study and Mitigated Negative Declaration for the Enhanced Treatment and Site Upgrade Phase 1 Program.

May 10, 2021, the Board adopted Resolution 2923 adopting the Mitigated Negative Declaration for the Enhanced Treatment and Site Upgrade Phase 1 Program.

August 23, 2021, the Board adopted Resolution 2934 Determining the Enhanced Treatment And Site Upgrade Phase 1A-Campus Building Project (Project) Consistent With The Approved Initial Study/Mitigated Negative Declaration For The Enhanced Treatment And Site Upgrade Phase 1 Program and Approving the Project.

January 10, 2022, the Board awarded the Construction Contract for the Enhanced Treatment and Site Upgrade Program Phase 1A Aeration Basins Modifications Project to W. M. Lyles Co.

PRE/RP/CB

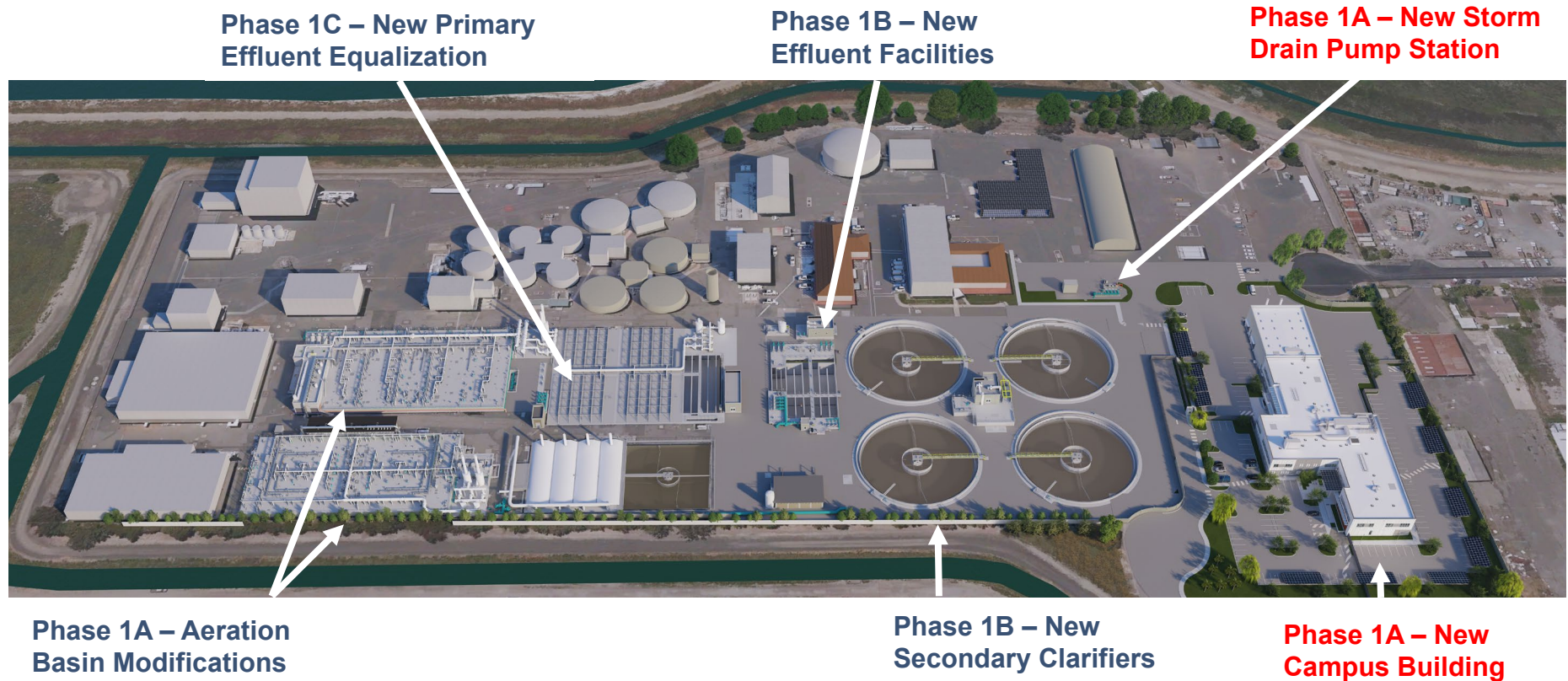
Attachments: Figure 1 – ETSU Program Site Plan Aerial Image  
Figure 2 –New Campus Building Aerial Image  
Figures 3-9 Photos of Zovich constructed City of Fremont Event Center  
Table 1 – Bid Tabulation Sheet  
Contractor's Agreement

**Table 1**  
**Bid Tabulation**

ETSU Phase 1A - Campus Building Project  
 Bid Opening: 2:30 pm, May 24, 2022  
 Engineer's Estimate: \$78 million

Bid Item No.	Bid Item	Unit	Estimated Quantity	Zovich Construction (Brentwood, CA)	SJ Amoroso (Redwood Shores, CA)	Hensel Phelps (Pleasanton, CA)	Clark Construction (San Francisco, CA)
				Total Bid Price	Total Bid Price	Total Bid Price	Total Bid Price
<b>A.1</b>	<b>New Campus &amp; Site Work, Complete</b>	LS	1	\$64,900,000.00	\$69,197,000.00	\$71,685,000.00	\$73,927,480
<b>A.2</b>	<b>Site Drain Pump Station</b>	LS	1	\$5,200,000.00	\$4,160,000.00	\$4,282,000.00	\$4,641,190
<b>A.3</b>	<b>Electric Vehicle Charging Stations</b>	LS	1	\$1,675,000.00	\$1,570,000.00	\$1,582,000.00	\$1,533,260
<b>A.4</b>	Excavation Support Systems cost for providing all shoring and bracing on all Bid Items above including but not limited to that as required by sections 6700 - 6708 of the Labor Code	LS	1	\$250,000.00	\$750,000.00	\$632,000.00	\$146,100
<b>A.5</b>	<b>Allowance: ACWD Fees</b>	LS	1	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000
<b>A.6</b>	<b>Allowance: Unforeseen Underground Field Conditions</b>	LS	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000
<b>A.7</b>	<b>Allowance: Temporary Power During Construction</b>	LS	1	\$250,000.00	\$250,000.00	\$250,000.00	\$250,000
<b>Total Base Bid</b>				<b>\$72,525,000.00</b>	<b>\$76,177,000.00</b>	<b>\$78,681,000.00</b>	<b>\$80,748,030.00</b>
Bid Alternate 1A	Builder's Risk Insurance	LS	1	\$150,000.00	\$290,000.00	\$1.00	\$584,350
Bid Alternate 1B	"Acts of God" Insurance	LS	1	\$1,400,000.00	\$250,000.00	\$1.00	\$698,650
Bid Alternate 1C	435 kW Photovoltaic System	LS	1	\$2,300,000.00	\$2,200,000.00	\$2,052,000.00	\$2,078,780.00
Bid Alternate 1D	245 kW Photovoltaic System	LS	1	\$1,450,000.00	\$1,400,000.00	\$1,297,000.00	\$1,281,980.00
<b>Total Contract Price</b>				<b>\$77,825,000.00</b>	<b>\$80,317,000.00</b>	<b>\$82,030,002.00</b>	<b>\$85,391,790.00</b>
<b>Percent (Under)/Over Engineer's Estimate</b>				<b>-0.2%</b>	<b>3.0%</b>	<b>5.2%</b>	<b>9.5%</b>
<b>Recommended Contract Price including Base Bid with Bid Alternates 1A, 1B, and 1C</b>				<b>\$76,375,000.00</b>	<b>\$78,917,000.00</b>	<b>\$80,733,002.00</b>	<b>\$84,109,810.00</b>
<b>Percent (Under)/Over Engineer's Estimate</b>				<b>-2.1%</b>	<b>1.2%</b>	<b>3.5%</b>	<b>7.8%</b>

# Figure 1: ETSU Program – Phase 1 Project Locations



## Figure 2: Campus





**Figure 3: Fremont Civic Event Center**





**Figure 4: Fremont Civic Event Center**



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## Figure 5: Fremont Civic Event Center



## Figure 6: Fremont Civic Event Center





## Figure 7: Fremont Civic Event Center



**Figure 8: Fremont Civic Event Center**





**Figure 9: Fremont Civic Event Center**



## AGREEMENT FOR THE CONSTRUCTION OF

### **Enhanced Treatment and Site Upgrade Program - Phase 1A** **Campus Building** **Project No. 800-545**

THIS AGREEMENT, made and concluded, in duplicate, dated June \_\_\_\_, 2022, between the UNION SANITARY DISTRICT ("District"), Union City, California, and ZOVICH & SONS INC. dba ZOVICH CONSTRUCTION ("Contractor"), License No. 287113.

#### W I T N E S S E T H :

1. That for and in consideration of the payments and agreements hereinafter mentioned, to be made and performed by the District, and under the conditions expressed in the two bonds, bearing even date with these presents, and hereunto annexed, the Contractor agrees with the District, at his/her own proper cost and expense, to do all the work and furnish all the materials necessary to construct and complete in good workmanlike and substantial manner the project entitled: **Enhanced Treatment and Site Upgrade Program - Phase 1A Campus Building (Project No. 800-545)** in strict conformity with the plans and specifications prepared therefor, which said plans and specifications are hereby specially referred to and by said reference made a part hereof.

2. Now, therefore, in consideration of the mutual covenants and agreements of the parties herein contained and to be performed, the Contractor hereby agrees to complete the work in accordance with the terms and conditions stipulated in the Contract Documents for the sum of Seventy Six Million Three Hundred Seventy Five Thousand Dollars (\$76,375,000.00) (the "Contract Price") computed in accordance with Contractor's accepted proposal dated May 24, 2022, which accepted proposal is incorporated herein by reference thereto as if herein fully set forth. This sum includes the following bid alternates that have been accepted by the District and are hereby incorporated in the Agreement: 1A, 1B and 1C. Compensation shall be based upon the lump sum bid items plus the unit prices stated in the Bid Schedule times the actual quantities or units of work and materials performed or furnished. The further terms, conditions, and covenants of this Agreement are set forth in the Contract Documents, each of which is by this reference made a part hereof. Payments are to be made to the Contractor in accordance with the provisions of the Contract Documents and the Technical Specifications in legally executed and regularly issued warrants of the District, drawn on the appropriate fund or funds as required by law and order of the District thereof.

3. The District hereby promises and agrees with the said Contractor to employ, and does hereby employ, the said Contractor to provide the materials and to do the work according to the terms and conditions herein contained and referred to, for the Contract Price, and hereby contracts to pay the same at the time, in the manner and upon the conditions set forth in the Contract Documents; and the said parties for themselves, their heirs, executors, administrators, successors and assigns, do hereby agree to the full performance of the covenants herein contained.

4. The Contractor and any subcontractor performing or contracting any work shall comply with all applicable provisions of the California Labor Code for all workers, laborers and mechanics of all crafts, classifications or types, including, but necessarily limited to the following:

(a) The Contractor shall comply with all applicable provisions of Section 1810 to 1815, inclusive, of the California Labor Code relating to working hours. The Contractor shall, as a penalty to the District, forfeit the sum of twenty-five dollars (\$25) for each worker employed in the execution of the Contract by the Contractor or by any subcontractor for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one calendar week, unless such worker receives compensation for all hours worked in excess of eight (8) hours at not less than 1-1/2 times the basic rate of pay.

(b) Pursuant to the provision of California Labor Code, Sections 1770 et. seq., the Contractor and any subcontractor under him shall pay not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations. Pursuant to the provisions of California Labor Code Section 1773.2, the Contractor is hereby advised that copies of the prevailing rate of per diem wages and a general prevailing rate for holidays, Saturdays and Sundays and overtime work in the locality in which the work is to be performed for each craft, classification, or type of worker required to execute the Contract, are on file in the office of the District, which copies shall be made available to any interested party on request. The Contractor shall post a copy of said prevailing rate of per diem wages at each job site.

(c) As required by Section 1773.1 of the California Labor Code, the Contractor shall pay travel and subsistence payments to each worker needed to execute the work, as such travel and subsistence payments are defined in the applicable collective bargaining agreements filed in accordance with this Section.

(d) To establish such travel and subsistence payments, the representative of any craft, classification, or type of workman needed to execute the contracts shall file with the Department of Industrial Relations fully executed copies of collective bargaining agreements for the particular craft, classification or type of work involved. Such agreements shall be filed within 10 days after their execution and thereafter shall establish such travel and subsistence payments whenever filed 30 days prior to the call for bids.

(e) The Contractor shall comply with the provisions of Section 1775 of the California Labor Code and shall, as a penalty to the District, forfeit not more than two hundred dollars (\$200) for each calendar day, or portion thereof, for each worker paid less than the prevailing rate of per diem wages for each craft, classification, or type of worker needed to execute the contract. The Contractor shall pay each worker an amount equal to the difference between the prevailing wage rates and the amount paid worker for each calendar day or portion thereof for which a worker was paid less than the prevailing wage rate.

(f) As required under the provisions of Section 1776 of the California Labor Code, Contractor and each subcontractor shall keep an accurate payroll record, showing the name, address, social security number, work classification, and straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by him or her in connection with the public work. Said payroll shall be certified and shall be

available for inspection at all reasonable hours at the principal office of the Contractor on the following basis:

(1) A certified copy of an employee's payroll record shall be made available for inspection or furnished to the employee or his or her authorized representative on request.

(2) A certified copy of all payroll records enumerated in Paragraph 4(f), herein, shall be made available for inspection or furnished upon request to the District, the Division of Labor Standards Enforcement, and the Division of Apprenticeship Standards of the Department of Industrial Relations.

(3) A certified copy of all payroll records enumerated in Paragraph 4(f), herein, shall be made available upon request by the public for inspection or for copies thereof; provided, however, that a request by the public shall be made through the District, the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement. If the requested payroll records have not been provided pursuant to subparagraph 4(e) herein, the requesting party shall, prior to being provided the records, reimburse the costs of preparation by the Contractor, subcontractors, and the entity through which the request was made. The public shall not be given access to the records at the principal offices of the Contractor.

The certified payroll records shall be on forms provided by the Division of Labor Standards Enforcement or shall contain the same information as the forms provided by the division.

Certified payroll records shall be submitted electronically as required under California Labor Code Section 1776 to the Labor Commissioner pursuant to California Code of Regulations Chapter 8, Section 16404.

Each Contractor shall file a certified copy of the records, enumerated in Paragraph 4(f) with the entity that requested the records within 10 days after receipt of a written request. Any copy of records made available for inspection as copies and furnished upon request to the public or any public agency by the District, the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement shall be marked or obliterated in such a manner as to prevent disclosure of an individual's name, address, and social security number. The name and address of the Contractor awarded the contract or performing the contract shall not be marked or obliterated. The Contractor shall inform the District of the location of the records enumerated under Paragraph 4(f) including the street address, city and county, and shall, within 5 working days, provide a notice of change of location and address. The Contractor shall have 10 days in which to comply subsequent to receipt of written notice specifying in what respects the Contractor must comply with this Paragraph 4(f). In the event that the Contractor fails to comply within the 10-day period, he or she shall, as a penalty to the state or the District, forfeit one hundred dollars (\$100) for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or



the Division of Labor Standards Enforcement, these penalties shall be withheld from progress payments then due. Responsibility for compliance with Paragraph 4(f) lies with the Contractor.

(g) The Contractor and any subcontractors shall, when they employ any person in any apprenticeable craft or trade, apply to the joint apprenticeship committee administering the apprenticeship standards of the craft or trade in the area of the construction site for a certificate approving the Contractor or subcontractor under the apprenticeship standards for the employment and training of apprentices in the area or industry affected; and shall comply with all other requirements of Section 1777.5 of the California Labor Code. The responsibility of compliance with California Labor Code Section 1777.5 during the performance of this contract rests with the Contractor.

Pursuant to California Labor Code Section 1777.7, in the event the Contractor willfully fails to comply with the provisions of California Labor Code Section 1777.5, the Contractor shall be denied the right to bid on any public works contract for up to three (3) years from the date noncompliance is determined and be assessed civil penalties.

(h) In accordance with the provisions of Article 5, Chapter 1, Part 7, Division 2 (commencing with Section 1860), and Chapter 4, Part 1, Division 4 (commencing with Section 3700) of the California Labor Code, the Contractor is required to secure the payment of compensation to its employees and for that purpose obtain and keep in effect adequate Workers' Compensation Insurance. If the Contractor, in the sole discretion of the District satisfies the District of the responsibility and capacity under the applicable Workers' Compensation Laws, if any, to act as self-insurer, the Contractor may so act, and in such case, the insurance required by this paragraph need not be provided.

The Contractor is advised of the provisions of Section 3700 of the California Labor Code, which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code and shall comply with such provisions and have Employer's Liability limits of \$1,000,000 per accident before commencing the performance of the work of this Contract.

The Notice to Proceed with the Work under this Contract will not be issued, and the Contractor shall not commence work, until the Contractor submits written evidence that it has obtained full Workers' Compensation Insurance coverage for all persons whom it employs or may employ in carrying out the work under this Contract. This insurance shall be in accordance with the requirements of the most current and applicable state Workers' Compensation Insurance Laws. In accordance with the provisions of Section 1861 of the California Labor Code, the Contractor in signing this agreement certifies to the District as true the following statement: "I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work of this contract."

A subcontractor is not allowed to commence work on the project until verification of Workers' Compensation Insurance coverage has been obtained and verified by the Contractor and submitted to the Construction Manager for the District's review and

records.

(i) In accordance with the provisions of Section 1727 of the California Labor Code, the District, before making payment to the Contractor of money due under a contract for public works, shall withhold and retain therefrom all wages and penalties which have been forfeited pursuant to any stipulation in the contract, and the terms of Chapter 1, Part 7, Division 2 of the California Labor Code (commencing with Section 1720). But no sum shall be withheld, retained or forfeited, except from the final payment, without a full investigation by either the Division of Labor Standards Enforcement or by the District.

5. It is further expressly agreed by and between the parties hereto that should there be any conflict between the terms of this Agreement the instrument and the bid proposal of said Contractor, then this Agreement instrument shall control, and nothing herein contained shall be considered as an acceptance of the said terms of said proposal conflicting herewith.

6. The Contractor agrees to provide and maintain insurance coverage, and to indemnify and save harmless the parties named and in the manner set forth in Section 00800-2.0, **LIABILITY AND INSURANCE**, of the Supplementary General Conditions of the Specifications.

The duty of Contractor to indemnify and save harmless, as set forth herein, shall include a duty to defend as set forth in Section 2778 of the California Civil Code; provided, however, that nothing herein shall be construed to require Contractor to indemnify against any responsibility or liability in contravention of Section 2782 of the California Civil Code.

7. The Contractor shall diligently prosecute the work so that it shall be substantially completed within the time specified in Section 00800-1.1, **TIME ALLOWED FOR COMPLETION**.

8. Except as otherwise may be provided herein, Contractor hereby expressly guarantees for one (1) full year from the date of the substantial completion, or upon receipt of written acceptance of early occupancy, of the work under this agreement and acceptance thereof by the District, to repair or replace any part of the work performed hereunder which constitutes a defect resulting from the use of inferior or defective materials, equipment or workmanship. If, within said period, any repairs or replacements in connection with the work are, in the opinion of the District, rendered necessary as the result of the use of inferior or defective materials, equipment or workmanship, Contractor agrees, upon receipt of notice from District, and without expense to District, to promptly repair or replace such material or workmanship and/or correct any and all defects therein. If Contractor, after such notice, fails to proceed promptly to comply with the terms of this guarantee, District may perform the work necessary to effectuate such correction and recover the cost thereof from the Contractor and/or its sureties.

In special circumstances where a particular item of work or equipment is placed in continuous service before substantial completion of the Work, the correction period for that item may start to run from an earlier date. This date shall be agreed upon in writing by the Contractor and District on or before the item is placed in continuous service.

Any and all other special guarantees which may be applicable to definite parts of the work

under this agreement shall be considered as an additional guarantee and shall not reduce or limit the guarantee as provided by Contractor pursuant to this paragraph during the first year of the life of such guarantee.

9. The Contractor shall provide, on the execution of this Agreement, a good and sufficient corporate surety bond in the penal sum of one hundred percent (100%) of the Contract Price, which bond shall be on the form provided by the District in Section 00610, **FORM OF PERFORMANCE BOND**, and be conditioned upon the faithful performance of all work required to be performed by the Contractor under this Agreement. Said bond shall be liable for any and all penalties and obligations which may be incurred by Contractor under this Agreement. The corporate surety bond shall be issued by a corporate surety that possesses a minimum rating from A. M. Best Company of A:VII and that is approved by the District. The corporate surety shall be authorized to conduct business in California. At its discretion, the District may request that a certified copy of the certificate of authority of the insurer issued by the Insurance Commissioner of the State of California be submitted by the surety to the District. At its discretion, the District may also require the insurer to provide copies of its most recent annual statement and quarterly statement filed with the Department of Insurance pursuant to Article 10 (commencing with Section 900) of Chapter 1 of Part 2 of Division 1 of the Insurance Code.

10. In addition to the bond required under Paragraph 9, hereof, Contractor shall furnish a good and sufficient corporate surety bond in the penal sum of one hundred percent (100%) of the Contract Price, which bond shall be on the form provided by the District in Section 00620, **PAYMENT BOND**, and conform strictly with the provisions of Sections 9550 et seq. of the Civil Code, and all amendments thereto. The corporate surety bond shall be issued by a corporate surety that possesses a minimum rating from A. M. Best Company of A:VII and that is approved by the District. The corporate surety shall be authorized to conduct business in California. At its discretion, the District may request that a certified copy of the certificate of authority of the insurer issued by the Insurance Commissioner of the State of California be submitted by the surety to the District. At its discretion, the District may also require the insurer to provide copies of its most recent annual statement and quarterly statement filed with the Department of Insurance pursuant to Article 10 (commencing with Section 900) of Chapter 1 of Part 2 of Division 1 of the Insurance Code.

11. The Contractor may substitute securities for the amounts retained by the District to ensure performance of the work in accordance with the provisions of Section 22300 of the Public Contract Code.

12. The Contractor shall be provided the time period specified in Section 01340-2.0, **MATERIAL AND EQUIPMENT SUBSTITUTIONS**, for submission of data substantiating a request for a substitution of an "or equal" item.

13. As required by Section 6705 of the California Labor Code and in addition thereto, whenever work under the Contract involves the excavation of any trench or trenches five feet or more in depth, the Contractor shall submit in advance of excavations, a detailed plan showing the design of shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. If such plan varies from the shoring system standards established by the Construction Safety Orders of the Division of Industrial Safety in Title 8, Subchapter 4, Article 6, California Code of Regulations, the plan shall be prepared by a registered civil or structural engineer employed

by the Contractor, and all costs therefore shall be included in the price named in the Contract for completion of the work as set forth in the Contract Documents. Nothing in this Section shall be deemed to allow the use of a shoring, sloping, or other protective system less effective than that required by the Construction Safety Orders. Nothing in this Section shall be construed to impose tort liability on the District, the Design Consultant, Construction Manager or any of their agents, consultants, or employees. The District's review of the Contractor's excavation plan is only for general conformance to the California Construction Safety Orders.

Prior to commencing any excavation, the Contractor shall designate in writing to the Construction Manager the "competent person(s)" with the authority and responsibilities designated in the Construction Safety Orders.

14. In accordance with Section 7104 of the Public Contract Code, whenever any work involves digging trenches or other excavations that extend deeper than four feet below the surface, the provisions of Section 00700-7.2, **DIFFERING SITE CONDITIONS**, shall apply.

15. In accordance with Section 7103.5 of the Public Contract Code, the Contractor and subcontractors shall conform to the following requirements. In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the Contractor or subcontractor offers and agrees to assign to the District all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act [Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code], arising from purchases of goods, materials or services pursuant to this Contract or the subcontract. Such assignment shall be made and become effective at the time the District tenders final payment to the Contractor, without further acknowledgment by the parties.

16. In accordance with Section 4552 of the Government Code, the Contractor shall conform to the following requirements. In submitting a bid to the District, the Contractor offers and agrees that if the bid is accepted, it will assign to the District all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act [Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code], arising from purchase of goods, materials, or services by the Contractor for sale to the District pursuant to the bid. Such assignment shall be made and become effective at the time the District tenders final payment to the Contractor.

17. Pursuant to Public Contract Code Section 7100, the acceptance by the Contractor of an undisputed payment made under the terms of the Contract shall operate as, and shall be, a release to the District, and their duly authorized agents, from all claim of and/or liability to the Contractor arising by virtue of the contract related to those amounts. Disputed contract claims in stated amounts may be specifically excluded by the Contractor from the operation of the release.

18. In accordance with California Business and Professions Code Section 7030, the Contractor is required by law to be licensed and regulated by the Contractors' State License Board which has jurisdiction to investigate complaints against contractors if a complaint regarding a patent act or omission is filed within four years of the date of the alleged violation. A complaint regarding a latent act or omission pertaining to structural defects must be filed

within 10 years of the date of the alleged violation. Any questions concerning the Contractor may be referred to the Registrar, Contractors' State License Board, P.O. Box 26000, Sacramento, California 95826.

19. INDEMNIFICATION. To the fullest extent permitted by law, Contractor shall indemnify and hold harmless the District from any claims, choses in action or lawsuits, whereby any subcontractor, material or equipment supplier, laborer or any person who supplies work or materials to said work of improvement may claim damages, losses and expenses thereto arising out of or resulting from any claim for performance of work, including the legal defense of any stop notice action as well as attorney fees and costs. District may be required to engage separate legal counsel from that of the Contractor should District and Contractor be both named as defendants, cross-defendants or other parties to any such stop notice action in District's sole discretion. Contractor shall be fully liable for any judgment or damages resulting from any claim for stop notice relief or other liability regarding payment for materials, supplies, labor or equipment under this contract. In claims against any person or entity indemnified under this paragraph by an employee of Contractor, a subcontractor, anyone directly or indirectly employed by them for whose acts they may be liable, the indemnification obligation under this paragraph shall not be limited in amount or type of damages, compensation or benefits payable by or for the Contractor or a subcontractor. In all cases, indemnification shall include attorney fees and court costs.

Unless arising solely out of the active negligence, gross negligence or willful misconduct of the District or the Design Consultant, the Contractor shall indemnify, defend and hold harmless: (1) the District and its Board of Directors, officers, employees, agents and representative; (ii) the Design Consultant and its consultants for the Work and their respective agents and employees; and (iii) if one is designated by the District for the work, the Construction Manager and its agents and employees (collectively "the Indemnified Parties"). The Contractor's obligations hereunder include indemnity, defense and hold harmless of the Indemnified Parties from and against any and all damages, losses, claims, demands or liabilities whether for damages, losses or other relief, including, without limitation attorney's fees and costs which arise, in whole or in part, from the Work, the Contract Documents or the acts, omissions or other conduct of the Contractor or any subcontractor or any person or entity engaged by them for the Work. The Contractor's obligations under the foregoing include without limitation: (i) injuries to or death of persons; (ii) damage to property; or (iii) theft or loss of property; (iv) stop notice claims asserted by any person or entity in connection with the Work; and (v) other losses, liabilities, damages or costs resulting from, in whole or part, any acts, omissions or other conduct of Contractor, any of Contractor's Subcontractors, of any tier, or any other person or entity employed directly or indirectly by Contractor in connection with the Work and their respective agents, officers or employees. If any action or proceeding, whether judicial, administrative, arbitration or otherwise, shall be commenced on account of any claim, demand or liability subject to Contractor's obligations hereunder, and such action or proceeding names any of the Indemnified Parties as a party thereto, the Contractor, at its sole cost and expense, shall defend the District and the Design Consultant in such action or proceeding with counsel reasonably satisfactory to the Indemnified Parties named in such action or proceeding. In the event that there shall be any judgment, award, ruling, settlement, or other relief arising out of any such action or proceeding to which any of the Indemnified Parties are bound by, Contractor shall pay, satisfy or otherwise discharge any such judgment, award, ruling, settlement or relief. Contractor shall indemnify and hold harmless the Indemnified Parties from any and all liability or responsibility arising out of any such judgment, award, ruling, settlement or relief. The Contractor's obligations hereunder are

binding upon Contractor's Performance Bond Surety and these obligations shall survive notwithstanding Contractor's completion of the Work or the termination of the Contract.

IN WITNESS WHEREOF, the parties hereto have executed this agreement dated June \_\_\_\_, 2022.

**ZOVICH & SONS INC. dba ZOVICH CONSTRUCTION**

By: \_\_\_\_\_  
Ante Zovich  
President  
103 Technology Court #A, Brentwood, CA 94513

**UNION SANITARY DISTRICT**

By: \_\_\_\_\_  
Manny Fernandez  
Board Secretary  
5072 Benson Road, Union City, California 94587

ATTEST:

\_\_\_\_\_  
Karen Murphy  
Attorney for Union Sanitary District



**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**  
Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**JUNE 13, 2022  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 11**

**TITLE:** Authorize the General Manager to Execute Amendment No. 2 to Task Order No. 1 with ENGEO Incorporated for the Alameda Creek-Force Main Crossing Geotechnical Investigation Project *(This is a Motion Item)*

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
Raymond Chau, Technical Services Work Group Manager  
Allan Briggs, Interim CIP Team Coach  
Andrew Baile, Assistant Engineer

**Recommendation**

Staff recommends the Board authorize the General Manager to execute Amendment No. 2 to Task Order No. 1 with ENGEO Incorporated (ENGEO) in the amount of \$70,187 to provide additional geotechnical services for the Alameda Creek-Force Main Crossing Geotechnical Investigation Project (Project).

**Discussion**

The purpose of Amendment No. 2 is to authorize additional geotechnical services for the Alameda Creek-Force Main Crossing Geotechnical Investigation Project. The scope of services and fees of Amendment No. 2 with ENGEO are summarized below:

Task Description	Amount
Additional Geotechnical Services: <ul style="list-style-type: none"><li>• Exploration Preparation</li><li>• Vacuum Potholing</li><li>• Geotechnical Exploration</li><li>• Geotechnical Report Preparation</li><li>• Archaeological Services</li></ul>	\$70,187
<b>Amendment No. 2 Not to Exceed Fee</b>	<b>\$70,187</b>

In advance of the geotechnical exploration, ENGEO was required to locate the force mains using vacuum potholing to avoid damaging the force mains during the exploration work. The anticipated scope of work included 2 days of vacuum potholing at 6 locations, but due to difficulties locating the force mains and the presence of very dense ground fill materials, additional potholing effort was required. The vacuum potholing work required a total of 5 days to complete.

The geotechnical exploration included 4 borings that required an additional 1.5 days to complete. This delay is mainly attributed to difficulty in mobilizing the drilling rig due to limited access for the locations within the Coyote Hills Regional Park, as the trails to the locations were narrow with no space to turn around.

Per the requirements of the East Bay Regional Park District (EBRPD) permit, an archaeologist and tribal monitor were required to be on site during the vacuum potholing and soil borings because of the proximity to known cultural resource sites within the Coyote Hills Regional Park. Due to the additional days to complete the vacuum potholing and soil borings, the archaeologist and tribal monitor were onsite longer than anticipated.

Please refer to the site plan in Figure 1 that shows the locations of the potholes, borings, and cone penetration tests (CPTs).

Staff believes the amendment fee is reasonable for the additional effort needed to meet the permit requirements, locate the force mains at all pothole locations, and complete all the geotechnical investigation. The task order amounts for the Project's agreement with ENGEO are summarized below:

<b>Task Order / Amendment</b>	<b>Amount</b>
Task Order No. 1 – Geotechnical Investigation Project	\$99,980
Amendment No. 1 to Task Order No. 1 – Archaeological Services	\$19,892
Amendment No. 2 to Task Order No. 1 – Additional Geotechnical Investigation	\$70,187
<b>Total Not to Exceed Amount</b>	<b>\$190,059</b>

Staff anticipates the Project to be completed in July 2022 with the completion of the final geotechnical report.

## **Background**

The District's service area is divided into three drainage basins: Alvarado, Newark, and Irvington. The wastewater from the Newark and Irvington basins is collected into the Newark Pump Station



(PS) and Irvington PS, respectively. Both pump stations transport the wastewater to the wastewater treatment plant (WWTP) via the twin force main system that was constructed in 1982 with 12-foot segments of reinforced concrete pipe (RCP) with single bell-and-spigot gasketed joints.

The twin force main system consists of two distinct segments. The segment between Irvington PS and Newark PS is approximately 40,500 feet of twin 33-inch diameter RCP. The segment between Newark PS and the Alvarado WWTP is approximately 26,200 feet of twin 39-inch diameter RCP. The 39-inch twin force main section that crosses the Alameda Creek is approximately 940 feet in length and encompasses a total of 1,880 feet of pipe. Please refer to Figure 1 for the location where the twin force main crosses Alameda Creek.

The District is in a seismically active region that could see strong ground shaking from earthquakes on the Hayward, San Andreas, and Calaveras faults. In 2016, the District completed a Seismic Vulnerability Assessment, which identified the Alameda Creek crossing as an area of concern due to the potential liquefaction and lateral spread during a strong seismic event. In addition, the force main corridor just south of Alameda Creek (approximately 1850 feet) appears to be susceptible to liquefaction and lateral spreading. As the assessment was based on limited information, it was recommended that a detailed geotechnical investigation of the crossing at the Alameda Creek be performed to determine the extent and characteristics of the liquefiable material in the area, assess potential impacts to the force mains, and identify possible mitigation alternatives and recommendations.

#### Task Order No. 1 – Geotechnical Investigation Project

Staff selected ENGEO through a Request for Proposal process. On November 25, 2020, staff executed an agreement and Task Order No. 1 with ENGEO in the amount of \$99,980 to conduct geotechnical engineering services. The geotechnical engineering services included the following:

- Vacuum Pothole to locate the force mains prior to the geotechnical investigation
- Perform 10 CPTs, extending to depths of 30 feet to 80 feet
- Perform 4 mud-rotary borings, extending to depths of 30 feet to 80 feet
- Perform laboratory testing on soil samples collected during the mud-rotary borings
- Prepare a geotechnical report of the findings

#### Amendment No. 1 to Task Order No. 1 – Archaeological Services

On July 16, 2021, the Board authorized the General Manager to execute Amendment No. 1 to Task Order No. 1 with ENGEO in the amount of \$19,892 to conduct archaeological services. The archaeological services included the following:

- Perform an archaeological testing program which consists of a series of manual auger borings to determine the presence or absence of prehistoric cultural resources within or near Pothole No. 5 and Pothole No. 6.
- Provide archaeological monitoring to accompany the vacuum potholing, CPT, and boring activities to be performed by ENGEO at specific locations within the Coyote Hills Regional Park in Fremont, CA.
- Perform a focused records search at the Northwest Information Center at Sonoma State University regarding archaeological site CA-ALA-13.
- Prepare an executive summary of results.
- Provide tribal monitoring services during all ground disturbance activities near Pothole Nos. 5 and 6.

#### **Previous Board Action**

July 16, 2021, the Board authorized the General Manager to execute Amendment No. 1 to Task Order No. 1 with ENGEO Incorporated in the amount of \$19,892 to provide archaeological services for the Alameda Creek-Force Main Crossing Geotechnical Investigation Project.

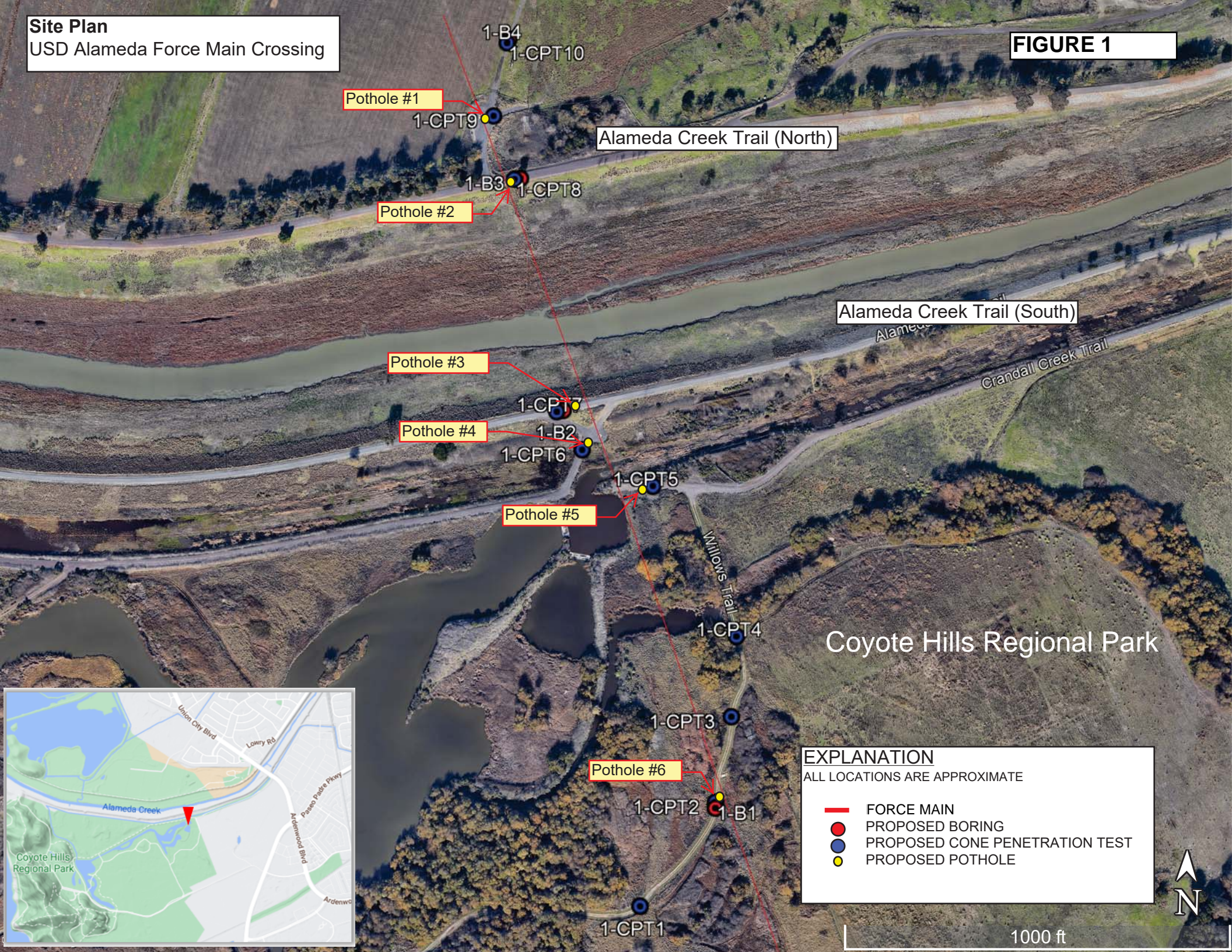
PRE/RC/AB/AB

Attachments:      Figure 1 – Site Plan – USD Force Main-Alameda Creek Crossing  
Amendment No. 2 to Task Order No. 1



**Site Plan**  
USD Alameda Force Main Crossing

**FIGURE 1**



Coyote Hills Regional Park

**EXPLANATION**  
ALL LOCATIONS ARE APPROXIMATE

- FORCE MAIN
- PROPOSED BORING
- PROPOSED CONE PENETRATION TEST
- PROPOSED POTHOLE



1000 ft



**ALAMEDA CREEK-FORCE MAIN CROSSING  
GEOTECHNICAL INVESTIGATION PROJECT**

AMENDMENT NO. 2

TO

TASK ORDER NO. 1

TO

AGREEMENT BETWEEN

UNION SANITARY DISTRICT

AND

ENGEO INCORPORATED

FOR

PROFESSIONAL SERVICES

Dated November 25, 2020

**1. PURPOSE**

The purpose of this amendment to Task Order No. 1 is to revise the budget for the Alameda Creek-Force Main Crossing Geotechnical Investigation Project. This amendment will modify the scope of work to provide additional effort for Vacuum Potholing, Geotechnical Exploration, Geotechnical Report Preparation, and Archaeological Services.

**2. PROJECT COORDINATION**

All work related to this task order shall be coordinated through District's Project Manager, Andrew Baile.

**3. SCOPE OF SERVICES**

**Task 1: Exploration Preparation**

The scope of services for Task 1 shall be changed to include additional efforts in coordinating permits with the Alameda County Water District, Alameda County

Flood Control & Water Conservation District, and East Bay Regional Park District (EBRPD). This includes rescheduling efforts due to additional measures required by EBRPD including a request to postpone the field work due to herbicide spraying in the areas that included the force main alignment and more extensive traffic control measures (including flaggers to route cyclists and pedestrians away from work area) and signage through the work areas within the Coyote Hills Regional Park. The EBRPD requested that an archaeological investigation be performed at two exploratory locations within the Coyote Hills Regional Park due to the proximity to existing cultural resources, which further delayed scheduling of the work.

#### Task 1A: Vacuum Potholing

The scope of services to Task 1A shall be changed to include 3 additional days of potholing due to difficulty in locating the force mains at the 6 pothole locations of the Engineer's workplan, for a total of 5 days. Potholes at 2 of the 6 locations required the potholes to be relocated up to three times due to dense material within the Alameda Creek levees. At all pothole locations, the holes were made larger than the original assumption of 12-inches in diameter and 10 feet deep, in order to find the force main. The additional and larger potholes also resulted in additional grout material used to backfill the potholes, and additional mobilization for the grouting subcontractor.

This also includes the Engineer's time to accompany the potholing subcontractor in the field for the additional days of potholing, including setting up traffic control, and providing additional flaggers as required by the EBRPD permit.

#### Task 2: Geotechnical Exploration

The scope of services to Task 2 shall be changed to include an additional 1.5 days to complete the Borings for a total of 3.5 days. Mobilization for each site took more time than was anticipated, particularly locations within the Coyote Hills Regional Park as the trails to access the locations were narrow with no space to turn around. This change also includes the Engineer's extra time spent on site and to have additional personnel required for flagging/traffic control that was required by EBRPD for the locations inside the Coyote Hills Regional Park.

#### Task 4: Geotechnical Report Preparation

The original scope of services to Task 4 was underestimated as the subsurface stratigraphy was more complex than anticipated, and interpreting it, its cross

sections, and geotechnical analysis (liquefaction, slope stability) required additional collaboration from both geologists and engineers. Since additional personnel were consulted, Engineer's total labor costs also increased.

#### Task 6: Archaeological Services

Per the request of EBRPD, an archaeologist was required to perform an archaeological investigation at the two sites in close proximity to the known cultural resource sites within the Coyote Hills Regional Park. The scope of services to Task 6 includes one additional archaeological investigation, for a total of three, two at Pothole #5 (additional) and one at Pothole #6. The initial two archaeological investigations were performed before the potholing activities. After the force mains were positively identified at Pothole #4, line of sight was used to estimate where the force mains would be at Pothole #5. It was determined at that time that the initial investigation for Pothole #5, was more than ten feet away from where the force main would be located. Due to the sensitivity of the cultural resource, the archaeologist was requested to perform another investigation at this site prior to the start of any ground disturbance.

As the archaeological monitor and the tribal monitor were to be present during all vacuum potholing and boring activities, their time on site also increased as both of those activities increased as described in Task 1A and Task 4.

The scope of services changes are summarized below:

<b>Description</b>	<b>Task Order No.1 Budget</b>	<b>Task Order No. 1 Actual</b>	<b>Task Order No.1 Difference</b>
Task 1: Exploration Preparation	\$13,676	\$17,029	\$3,353
Task 1A: Vacuum Potholing	\$20,010	\$56,903	\$36,893
Task 2: Geotechnical Exploration	\$45,224	\$64,801	\$19,577
Task 3: Laboratory Testing	\$7,000	\$5,985	(\$1,015)
Task 4: Geotechnical Report Preparation	\$8,586	\$13,449	\$4,863
Task 5: Consultation and Meetings	\$5,484	\$4,022	(\$1,462)
Task 6: Archaeological Services	\$19,892	\$27,870	\$7,9780
<b>Total:</b>	<b>\$119,872</b>	<b>\$190,059</b>	<b>\$70,187</b>

**4. DELIVERABLES**

No modifications to the deliverables as described in Task Order No. 1.

**5. PAYMENT TO THE ENGINEER**

Payment to the Engineer shall be as called for in Article 2 of the Agreement shall be on a time and materials cost basis for services provided, and shall be in accordance with the Fee Schedule contained in Exhibit A. The not-to-exceed amount shall be \$70,187.68. Ownership of work products prepared by the Engineer will be transferred to the District upon full payment of monies owed to the Engineer.

The following table summarizes the proposed task orders and amendments under the Agreement:

<b>Task Order / Amendment</b>	<b>Not to Exceed Amount</b>	<b>Board Authorization Required?</b>	<b>District Staff Approval</b>
Task Order No. 1 – Geotechnical Investigation Project	\$99,980	No	Paul R. Eldredge
Amendment No. 1 to Task Order No. 1 – Archaeological Services	\$19,892	Yes	Paul R. Eldredge
Amendment No. 2 to Task Order No. 1 – Budget Amendment	\$70,187	Yes	Paul R. Eldredge
<b>Total</b>	<b>\$190,059</b>		

**6. TIME OF COMPLETION**

The work as described in Task Order No. 1 shall be complete in 30 calendar days after the execution of this amendment and subject to the conditions of Article 3 of this Agreement.

**7. KEY PERSONNEL**

Engineer's personnel as defined in Task Order No. 1 has changed as follows:

<u>Role</u>	<u>Key Person to be Assigned</u>
Project Manager	Kavin Khatri, PE
Principal-in-Charge	Ted Bayham, GE

Key personnel shall not be changed except in accordance with Article 8 of the Agreement.

IN WITNESS WHEREOF, the parties hereto have made and executed this Amendment No. 2 to Task Order No. 1 of \_\_\_\_\_ and therewith incorporate it as part of the Agreement.

DISTRICT	ENGINEER
Union Sanitary District	ENGEO Incorporated

By: \_\_\_\_\_  
Paul R. Eldredge, P.E.  
General Manager/District Engineer

By: \_\_\_\_\_  
Ted Bayham, P.E.  
Principal

Date: \_\_\_\_\_ Date: \_\_\_\_\_



EXHIBIT A  
Itemized Fee Estimate

USD Alameda Creek-Force Main Crossing  ENGEO INCORPORATED  Date: June 1, 2022		Labor Rate (2020 rates)	Labor Hours	Labor Subtotal	Outside Direct Cost or Reimbursables	BUDGETED TOTAL FEE	ACTUAL TOTAL FEE	DIFFERENCE FROM BUDGET
Task 1Exploration Preparation - Permitting, Site Reconnaissance, Utility Locating								
NAME	TITLE							
Jonas Bauer or Joey Tognolini	Staff Engineer	188	15	\$ 2,820.00	\$ -	\$ 13,676.00	\$ 17,029.00	\$ 3,353.00
Seema Barua	Project Engineer	208	4	\$ 832.00	\$ -			
Yanet Zepeda	Project Engineer	208	8	\$ 1,664.00	\$ -			
Andy Firmin	Associate Engineer	260	4	\$ 1,040.00	\$ -			
Janet Kan	Principal	310	2	\$ 620.00	\$ -			
Mileage, supplies and other reimbursables	--	--	--	\$ -	\$ 200.00			
Private Utility Locator	--	--	--	\$ -	\$ 2,500.00			
Permitting Fees	--	--	--	\$ -	\$ 4,000.00			
Task 1AVacuum Potholing								
NAME	TITLE							
Jonas Bauer or Joey Tognolini	Staff Engineer	188	18	\$ 3,384.00	\$ -	\$ 20,010.00	\$ 56,903.00	\$ 36,893.00
Seema Barua	Project Engineer	208	6	\$ 1,248.00	\$ -			
Yanet Zepeda	Project Engineer	208	6	\$ 1,248.00	\$ -			
Janet Kan	Principal	310	3	\$ 930.00	\$ -			
Mileage, supplies and other reimbursables	--	--	--	\$ -	\$ 200.00			
Vacuum Potholing Subcontractor	--	--	--	\$ -	\$ 13,000.00			
Task 2Geotechnical Exploration								
NAME	TITLE							
Jonas Bauer or Joey Tognolini	Staff Engineer	188	30	\$ 5,640.00	\$ -	\$ 45,224.00	\$ 64,801.00	\$ 19,577.00
Seema Barua	Project Engineer	208	8	\$ 1,664.00	\$ -			
Yanet Zepda	Project Engineer	208	10	\$ 2,080.00	\$ -			
Janet Kan	Principal	310	4	\$ 1,240.00	\$ -			
Mileage, supplies and other reimbursables	--	--	--	\$ -	\$ 1,500.00			
Drilling Subcontractor - Borings	--	--	--	\$ -	\$ 12,500.00			
Drilling Subcontractor - CPTs	--	--	--	\$ -	\$ 13,000.00			
Soil-Cuttings- Drumming/Offhaul, Profile/Analysis	--	--	--	\$ -	\$ 7,600.00			
Task 3Laboratory Testing								
NAME	TITLE							
Geotechnical Lab Testing	--	--	--	\$ -	\$ 7,000.00	\$ 7,000.00	\$ 5,985.00	\$ (1,015.00)
Task 4Geotechnical Report Preparation								
NAME	TITLE							
Jonas Bauer or Joey Tognolini	Staff Engineer	188	10	\$ 1,880.00	\$ -	\$ 8,586.00	\$ 13,449.00	\$ 4,863.00
Yanet Zepda	Project Engineer	208	10	\$ 2,080.00	\$ 200.00			
Andy Firmin	Associate Engineer	260	10	\$ 2,600.00	\$ -			
Janet Kan	Principal	310	2	\$ 620.00	\$ -			
Ted Bayham	Principal	310	1	\$ 310.00	\$ -			
CAD Specialist	CAD Specialist	163	4	\$ 652.00	\$ -			
Project Assistant	Project Assistant	122	2	\$ 244.00	\$ -			
Task 5Consultation and Meetings								
NAME	TITLE							
Seema Barua	Project Engineer	208	8	\$ 1,664.00	\$ -	\$ 5,484.00	\$ 4,022.00	\$ (1,462.00)
Andy Firmin	Associate Engineer	260	8	\$ 2,080.00	\$ -			
Ted Bayham or Janet Kan	Principal	310	4	\$ 1,240.00	\$ -			
Mileage	--	--	--	\$ -	\$ 500.00			
Task 6Archaeological Services - Testing and Monitoring								
NAME	TITLE							
Ted Bayham	Principal	315	2	\$ 630.00	\$ -	\$ 19,892.00	\$ 27,870.00	\$ 7,978.00
Kavin Khatri	Senior Engineer/Project Manager	230	12	\$ 2,760.00	\$ -			
Testing and Monitoring				\$ -	\$ 16,502.00			
PROJECT TOTAL				\$ 41,170	\$ 78,702	\$ 119,872	\$ 190,059	\$ 70,187

Proposed Schedule/Assumptions
Includes preparation of 3 different permits
Assume District will cover fees for all permits
Assumes prevailing wage, up to 2 days of hydrovac vacuum potholing
Assumes prevailing wage, up to 2 days of drilling Assumes prevailing wage, up to 3 days of CPTs Assumes testing one composite sample, up to 16 drums
For attendance at project meetings
Based on 2021 ENGEO rates.

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**JUNE 13, 2022  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 12**

**TITLE:** Authorize the General Manager to Execute Contract Change Order No. 3 with Clark Construction Group – California, LP for the Standby Power Generation System Upgrade Project (*This is a Motion Item*)

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
Raymond Chau, Technical Services Work Group Manager  
Allan Briggs, Interim CIP Team Coach  
Kevin Chun, Associate Engineer

**Recommendation**

Staff recommends the Board authorize the General Manager to execute Contract Change Order No. 3 with Clark Construction Group – California, LP (Clark) in the amount of \$280,193 for the Standby Power Generation System Upgrade Project (Project).

**Discussion**

On November 10, 2020, the District and Cummins Sales and Service (Cummins) executed a Supply Agreement in the amount of \$3,122,090 for supplying the Project's standby power equipment. Cummins anticipated the Supply Agreement would be transferred from the District to Clark by March 2021. However, the Supply Agreement was not transferred until May 2022, which resulted in a 14-month delay.

The delay was primarily due to the additional time required for the State Water Resources Control Board's (SWRCB's) review of the District's State Revolving Fund (SRF) application and for the District to finalize the SRF loan. Staff anticipated the delay would negatively impact the Supply Agreement, however, the financing terms of the SRF loan are significantly more advantageous than conventional financing. The difference in just the finance savings is approximately \$20.3 million (SRF rate of 0.8% vs. other financing assumed to be 4%). Since the

Supply Agreement price guarantee period expired in March of 2021, staff is of the opinion it is reasonable to consider the proposed costs increases.

Cummins submitted an escalation cost request via Clark for the standby power equipment. Cummins indicated that the escalation cost was a result of raw material shortages and higher than expected inflation because of the COVID-19 pandemic.

Cummins' initial cost proposal was \$278,221, or 8.9% of the Supply Agreement contract amount before the sales tax and contractor's markup. Staff negotiated the cost to \$229,996, or 7.3% of the contract amount. Staff believes this cost to be reasonable given that the Producer Price Indexes (PPIs) related to the commodity pricing of generators and switchgears show an increase of 14.7% and 18.7%, respectively, from March 2021 to March 2022. The design consultant, Brown and Caldwell (BC) also noted that they have observed similar increases for generator and switchgear equipment on other projects. Please refer to Figures 1 and 2 for the PPIs for generator and switchgear equipment.

A breakdown of the escalation cost is as follows:

<b>Equipment Description</b>	<b>Cost</b>
Generator Sets Nos. 1 through 3	\$85,800
Fuel Day Tanks	\$12,633
Exhaust System Components	\$72,407
Paralleling Switchgear	\$59,156
Subtotal	\$229,996
Sales Tax (10.75%)	\$24,725
General Contractor Material Markup (10%)	\$25,472
<b>Subtotal with Sales Tax and Markup</b>	<b>\$280,193</b>

#### Contract Change Order (CCO) No. 3

CCO No. 3 will be in the amount of \$280,193, which is approximately 1.3% of Clark's construction contract amount of \$21,135,320. The CCO does not include a time extension as Clark anticipates the equipment to be delivered by spring 2023 and construction to be completed by the Project's substantial completion date of April 11, 2024.

To date, there have been two CCOs executed by the District and Clark. CCO No. 1 extended the delivery of the Cummins equipment by approximately four months due to the supply chain disruptions from COVID-19. CCO No. 2 modified the completion dates for some on-site work to reflect the contractor's change in sequence of activities. Both were no-cost CCOs that adjusted a couple of the Project's milestone completion dates.

## **Background**

The Project was identified from a study completed in 2016 to evaluate the condition of the Plant's current standby power system. The study concluded that the current standby generator equipment, generator control systems, and electrical switchgear equipment are outdated, unreliable, and difficult to maintain due to the age and obsolescence of the equipment and systems.

On November 14, 2016, the Board authorized staff to execute an agreement and Task Order No. 1 with BC to provide predesign services associated with the Project. The primary elements of the predesign effort were to evaluate and select a site location for the new standby generator system, establish criteria for final design, and develop a preliminary construction sequencing plan.

On February 5, 2018, the Board authorized staff to execute Task Order No. 2 with BC to provide final design services associated with the Project. The final design was originally based on future power demands of upcoming plant upgrades. At the same time, the District was in the process of developing the Enhanced Treatment and Site Upgrade (ETSU) program. The ETSU program considered two potential secondary improvement alternatives that could address the plant's solids capacity needs: conventional activated sludge (CAS) and membrane bioreactor (MBR). The ETSU program determined that an enhanced CAS secondary process is the best value solution for the District.

BC completed the Project's final design in November 2021.

### **Standby Generator System Equipment Selection Process**

For a typical construction project, the contractor selects the equipment suppliers/manufacturers that meet the requirements in the project's bid documents at the lowest costs. The contractor has the responsibility to coordinate with the equipment suppliers/manufacturers to prepare submittals of the new equipment for review and approval by the owner's design consultant. Upon approval, the contractor authorizes the suppliers/manufacturers to begin fabrication of the new equipment and deliver it to the project site by the agreed-upon deadlines to ensure the contractor remains on schedule to complete the project. For simple equipment, this process is usually straightforward and is completed without any issues. However, for equipment with some complexity, there could be numerous issues with submittal approval, coordination with other equipment, and/or there is a delay in the fabrication and delivery of the equipment.

The District's new standby generator system is very complex equipment. The system consists of multiple mechanical, electrical, and control equipment that must be designed and integrated to meet very specific and stringent requirements to provide reliable standby power to the plant shortly after the utility power goes out without shutting down any of the plant process equipment. In addition, the new standby generator system will connect to the plant's 12kV

switchgear where PG&E's utility power is connected and metered. Therefore, PG&E must approve the new system's equipment and the interconnection to the plant's switchgear.

Cummins' general equipment submittal preparation and approval process was estimated to be substantial and take up to four months to complete depending on the quality of the submittals and the number of resubmittals required. Furthermore, PG&E's approval process of the interconnection application was also estimated to be substantial and could take two to four months to complete depending on PG&E's availability and response. This had the potential to significantly delay the schedule and the contractor would likely seek monetary compensation and time from the District to complete the project. In addition, if PG&E's ultimate interconnection requirements resulted in changes to the construction contract, those changes would be by change order that would not be competitively priced.

To mitigate these potential delays and costs during the construction phase, staff and BC decided that pre-selection of the new standby generator system equipment and completing the equipment submittal and PG&E interconnection application processes should occur during the final Project design phase before the general contractor is selected.

On November 10, 2020, the District and Cummins executed a Supply Agreement in the amount of \$3,122,090 for supplying the Project's standby power equipment.

### **Scope of Work**

The Project's major scope items are as follows:

- Installation of three new 2.5-MW standby engine generators and necessary appurtenances, located at the north end of the Plant, west of the Veasy Street cul-de-sac.
- Construction of a new prefabricated metal building sized to house three new standby engine generators, with room for one future standby engine generator and associated electrical equipment.
- Construction of comparable, exterior pad-mounted equipment such as transformers and aboveground diesel fuel storage tank.
- Construction of a new double-ended switchgear to replace the existing Substation No. 2 and Odor Control Building switchgears. At the Odor Control Building, the two existing motor control centers will be replaced.
- Installation of new electrical duct banks.
- Demolition of existing equipment and structures such as the six current standby engine generators, generator control panels and switchgears, and PLC panels.

**Previous Board Action**

November 14, 2016, the Board authorized the General Manager to execute an agreement and Task Order No. 1 with BC in the amount of \$175,064 for providing pre-design services for the Project.

February 12, 2018, the Board authorized the General Manager to execute Task Order No. 2 with BC in the amount of \$1,975,808 for providing final design services for the Project.

October 22, 2018, the Board adopted resolutions to authorize application for the CWSRF financial assistance for the Project; dedicate and pledge the Wastewater Enterprise Fund and Net Revenues for the repayment of CWSRF financial assistance; and reimburse expenditures paid prior to the approval of the CWSRF financial assistance by the State.

March 11, 2019, the Board conducted a public hearing to receive comments on the Initial Study and MND for the Project.

October 14, 2019, the Board adopted the MND for the Project and approved the Project as defined in the MND.

February 24, 2020, the Board adopted an addendum to the MND for the Project and approved modifications to the Project as set forth in the addendum to the MND.

March 9, 2020, the Board authorized the General Manager to execute Amendment No. 2 to Task Order No. 2 with BC in the amount of \$262,207 for providing additional design services for the Project.

September 14, 2020, the Board determined that all bids received for the Standby Generator System Equipment Supply Agreement were non-responsive and rejected all bids. The Board directed staff to negotiate an agreement, starting with apparent low bidder Cummins, or alternative action.

November 9, 2020, the Board awarded the Standby Generator System Equipment Supply Agreement in the amount of \$3,122,090 to Cummins Sales and Service.

September 13, 2021, the Board authorized the General Manager to execute Amendment No. 3 to Task Order No. 2 with BC in the amount of \$176,176 for providing additional design services for the Project.

September 27, 2021, the Board adopted a revised addendum to the MND for the Project and approved modifications to the Project as set forth in the revised addendum to the MND.

February 14, 2022, the Board awarded the construction contract for the Project to Clark in the amount of \$21,135,320.

February 28, 2022, the Board authorized the General Manager to execute an Agreement and Task Order No. 1 in the amount of \$2,323,949 with Psomas to provide construction management services for the Project.

On April 11, 2022, the Board adopted a resolution for the execution and delivery of an installment sale agreement between the District and the SWRCB relating to the Project and approving other matters in connection with the installment sale agreement.

PRE/RC/AB/KC

Attachments: Contract Change Order No. 3  
Figures 1 and 2 – Producer Price Indexes for Generator and Switchgear Equipment

### CONTRACT CHANGE ORDER No. 3

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#### Standby Power Generation System Upgrade Project, Project No. 800-452

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**Item: Escalation Cost for the Cummins Equipment Supply**

Contractor is hereby directed to make the herein described changes from the plans and specifications or do the following work not included in the plans and specifications of this contract. All new work herein described shall be done in accordance with the applicable provisions of the plans and specifications, except as specifically modified by this Contract Change Order.

**DESCRIPTION OF CHANGE:**

Due to the delay in the novation of Cummins' Supply Agreement from the District to Clark Construction, Cummins' equipment costs have increased because of material shortages and inflationary pressures due to the COVID-19 pandemic. The District and Cummins/Clark Construction negotiated an increase in the Supply Agreement's contract amount, including the sales tax and material markup, as follows:

Equipment Description	Cost
Generator sets No. 1 through 3	\$85,800
Fuel day tanks	\$12,633
Exhaust system components	\$72,407
Paralleling switchgear	\$59,156
Subtotal	\$229,996
Sales Tax (10.75%)	\$24,725
General Contractor's Material Markup (10%)	\$25,472
<b>Subtotal with Sales Tax and Markup</b>	<b>\$280,193</b>

By execution of this change order, the Contractor acknowledges this change order represents the final compensation and settlement of all additional escalation costs, including, but not limited to taxes, delivery costs, manufacturing, fabrication, handling, and markup for the supply the Standby Power Generation System equipment under Bid Item No. 2 of the Bid Schedule (00310-1.0) and further described in Measurement and Payment section 01025-2.0.

Also, the following revisions shall be made to the Supply Agreement for the "System Supply of the Standby Power Generation System Upgrade Project" included In Appendix I of the Contract Documents as follows:

- 1) In the Milestone Table under Section 01011-2.01.A, replace the sub-heading "Phase 2 – FOLLOWING ASSIGNMENT AND NOVATION TO GENERAL CONTRACTOR – assumed to occur March 30, 2021" with the following:



“Phase 2 – FOLLOWING ASSIGNMENT AND NOVATION TO GENERAL CONTRACTOR –  
Agreement Executed on May 13, 2022”

**COST OF CHANGE:**                **\$280,193**

**CONTRACT TIME ADJUSTMENT:**    **0 calendar days (The substantial competition date listed in section 00800-1.1 remains unchanged)**

We, the undersigned Contractor, have given careful consideration to all aspects of the change proposed and hereby agree. This Contract Change Order constitutes full and complete compensation for all labor, equipment, materials, overhead, profit, any and all indirect costs and time adjustment, including and delay and rescheduling, required to perform the above described change and will accept this Contract Change Order as full and final payment.

This document supplements the Contract Documents and all provisions of the Contract Documents will apply thereto. It is understood that the Contract Change Order shall be effective when fully executed by the District.

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**ACCEPTED:**

**Clark Construction Group – California, LP**  
Project Manager:

By: \_\_\_\_\_  
Liz Crowley

Date: \_\_\_\_\_

**RECOMMENDED FOR ACCEPTANCE:**

**Psomas**  
Construction Manager:

By: \_\_\_\_\_  
J.D. Brosnan

Date: \_\_\_\_\_

**Union Sanitary District**  
Project Manager:

By: \_\_\_\_\_  
Kevin Chun

Date: \_\_\_\_\_

**Union Sanitary District**  
CIP Coach:

By: \_\_\_\_\_  
Allan Briggs

Date: \_\_\_\_\_

**Union Sanitary District**  
Technical Services Manager:

By: \_\_\_\_\_  
Raymond Chau

Date: \_\_\_\_\_

***APPROVAL:***

The Contractor shall not commence with the above-described work of this change order prior to the approval by the District's Authorized Representative.

**Union Sanitary District**  
Authorized Representative:

By: \_\_\_\_\_  
Paul R. Eldredge, P.E.  
General Manager/District Engineer

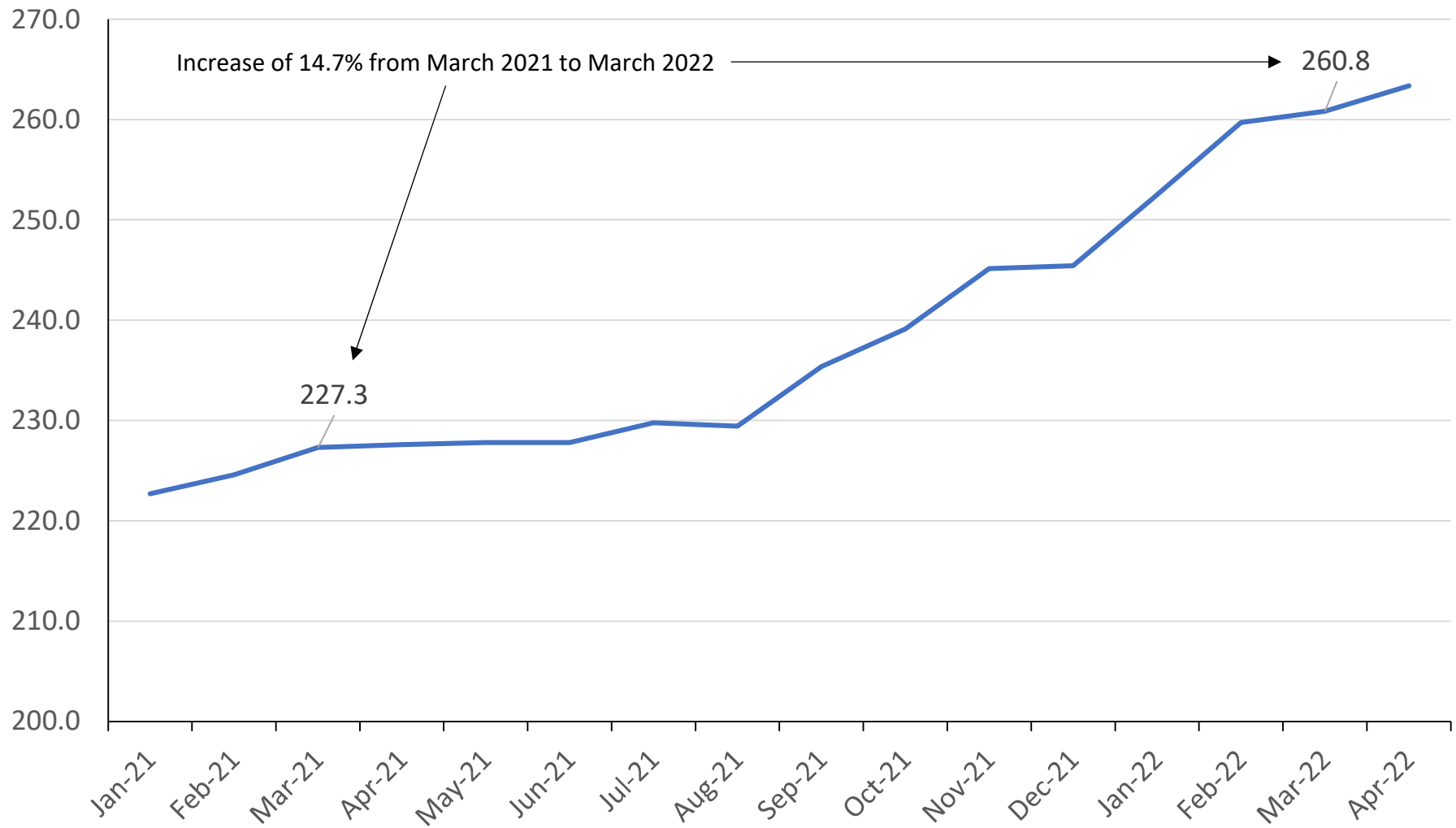
Date: \_\_\_\_\_

**Executed Contract Change Orders**

<b>No.</b>	<b>Contract Change Order Title</b>	<b>Contract Time Adjustment, Calendar Days</b>	<b>Cost of Change</b>
1	Revision to Milestone "C"	0	\$0
2	Revision to Milestone "B" (pending)	0	\$0
<b>Total</b>		<b>0</b>	<b>\$0</b>

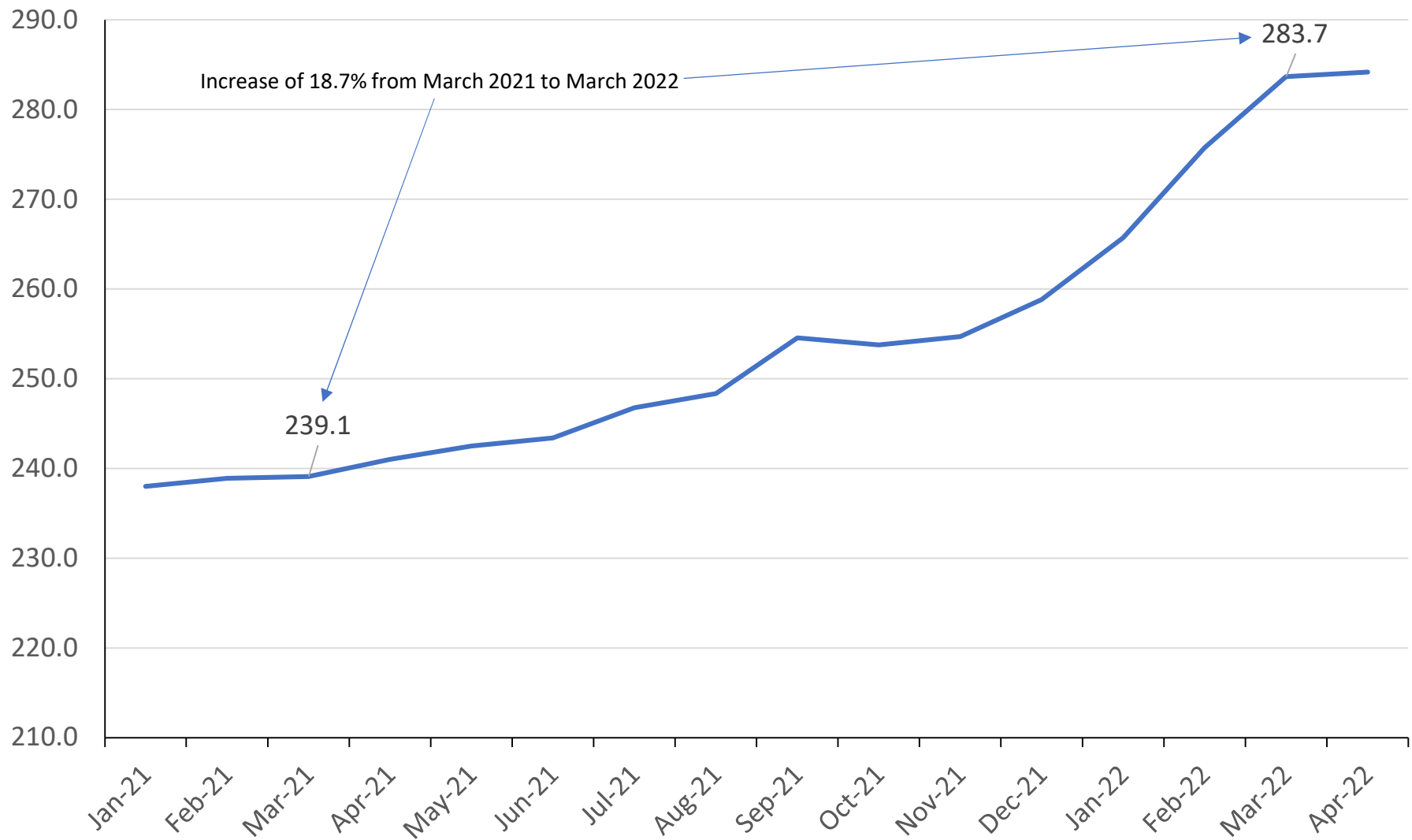
**Figure 1**  
**Producer Price Index, Commodity - Motors, Generators, Generator Sets**  
**U.S. Bureau of Labor Statistics**

\* Data from January 2022 through April 2022 are preliminary



**Figure 2**  
**Producer Price Index, Commodity - Switchgear, Switchboard, Industrial Controls**  
**Bureau of Labor Statistics**

\* Data from January 2022 through April 2022 are preliminary



**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**JUNE 13, 2022  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 13**

**TITLE:** Consider a Resolution to Accept the Construction of the Emergency Outfall Improvements Project from Garney Pacific, Inc. *(This is a Motion Item)*

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
Raymond Chau, Technical Services Work Group Manager  
Allan Briggs, Interim CIP Team Coach  
Andrew Baile, Assistant Engineer

**Recommendation**

Staff recommends the Board consider a resolution to accept the construction of the Emergency Outfall Improvements Project (Project) from Garney Pacific, Inc. (Garney) and authorize recordation of a Notice of Completion.

**Discussion**

On May 10, 2021, the Board awarded the construction contract for the Project to Garney in the amount of \$1,399,700. Staff issued the Notice to Proceed to Garney on June 8, 2021. The 210-day project was scheduled to be completed on January 3, 2022. The Project experienced delays due to differing site conditions which resulted in the replacement of the portion of the emergency outfall pipeline located between the Plant and Old Alameda Creek. Garney completed the Project on January 28, 2022.

**Contract Change Orders**

The Project included 9 contract change orders (CCOs) in the amount of \$232,368.15, which is approximately 16.6% of the original contract of \$1,399,700. A list of the CCOs is included in the attached Table 1. A summary of the notable CCOs is provided below:

1. CCO No. 2 was in the amount of \$235,164. During construction, it was discovered that the emergency outfall pipeline's corrugated metal pipe (CMP) extended from the Creek to just inside the fence at the northwest corner of the Plant and was in poor condition. Garney replaced the CMP between the Creek and the Plant by open-cut method in the Alameda County Flood Control and Water Conservation District's levee road. The new pipe will extend the service life of the outfall pipeline, particularly the section located outside of the Plant that requires extensive environmental permits to access in the future.
2. CCO No. 5 was in the amount of \$31,996.56 and granted a non-compensable time extension of 25 days. This CCO was for the delay costs that the Contractor accrued that was associated with the design change of the outfall pipeline. The delay costs included idled construction equipment and miscellaneous equipment rental during this period.
3. CCO No. 9 was for a credit of \$75,304.35 to reconcile two bid items. The Project included a bid item allowance of \$200,000 for installing a temporary outfall bypass pipeline to allow the emergency discharge of final effluent to the Creek when the emergency outfall pipeline is unavailable during construction in the wet weather season of 2021-22. Garney installed the temporary outfall bypass pipeline that was available for use from October 2021 to January 2022. The total cost of the temporary outfall bypass pipeline was \$125,545.65. The unused portion of the allowance, \$74,454.35, was deducted from the contract.

The Project also included a bid item in the amount of \$850 to haul and dispose of hazardous material, but the work was unnecessary, so this resulted in a decrease to the contract of \$850.

#### Time Extension

The issue described in CCO No. 2 resulted in the Project being delayed, and CCO No. 5 provided a non-compensable time extension of 25 calendar days with a revised substantial completion date of January 28, 2022.

#### **Background**

The District's Alvarado Effluent Pump Station normally pumps the final effluent from the WWTP to the East Bay Dischargers Authority (EBDA) system where the combined effluent from the EBDA agencies is dechlorinated and discharged from the EBDA Common Outfall to Lower San Francisco Bay. The District has an NPDES permit to discharge final effluent to Old Alameda Creek through the Emergency Outfall pipeline and flap gate during wet weather and when the capacity of the EBDA system is maximized. The District doses calcium thiosulfate to dechlorinate the final effluent prior to discharging to the creek.

The Emergency Outfall pipeline, constructed in 1962, exits the WWTP at the northwest corner of the property and crosses the levee road owned by the ACFC&WCD before extending into the Old Alameda Creek. The creek is influenced by the tidal cycle, and the Emergency Outfall flap gate is

normally submerged below the water during high tides and is exposed during low tides. This presents a maintenance challenge as water brings in sediment that routinely buries the flap gate and promotes vegetation growth, which then impedes the operation of the flap gate.

The purpose of the Project was to make improvements to the Emergency Outfall to reduce the maintenance activities associated with the Emergency Outfall flap gate and increase the reliability of its operation during wet weather events, by raising the elevation and installation of a new outfall pipeline, construction of a concrete structure, and installation of a parallel redundant 48-inch diameter pipeline which was capped for future use.

Figure 1 shows the site plan and location of the improvements. Figures 2 and 3 include photos of the new Emergency Outfall concrete structure.

#### **Previous Board Action**

November 13, 2017, the Board authorized the General Manager to execute Task Order No. 2 in the amount of \$225,812 with Brown and Caldwell to provide design services for the Project.

June 25, 2018, the Board conducted a public hearing to receive comments regarding the Initial Study and Mitigated Negative Declaration (MND) for the Project. No comments were received at the public hearing.

December 10, 2018, the Board adopted the MND and Mitigation Monitoring and Reporting Plan for the Project for the purpose of filing the Notice of Determination.

July 22, 2019, the Board authorized the General Manager to execute a lease agreement with the California State Lands Commission for the use, operation, and maintenance of an existing 48-inch diameter reinforced concrete emergency outfall pipeline, concrete outlet structure, access stairway, riprap chute, and temporary sheet pile cofferdam located along the Old Alameda Creek Flood Control Channel in the City of Union City.

April 13, 2020, the Board authorized the General Manager to execute Amendment No. 3 to Task Order No. 2 in the amount of \$32,894 with Brown and Caldwell to provide additional design services for the Project.

May 10, 2021, the Board awarded the construction contract for the Project to Garney Pacific, Inc. in the amount of \$1,399,700.

May 24, 2021, the Board authorized the General Manager to execute Task Order No. 3 in the amount of \$69,440 with Brown and Caldwell to provide engineering services during construction for the Project.

June 14, 2021, the Board authorized the General Manager to execute an agreement and Task Order No. 1 with Carollo Engineers, Inc. in the amount of \$306,453 to provide construction management services for the Emergency Outfall Improvements Project, Cathodic Protection System Improvements Project, and FY21 Gravity Sewer Rehabilitation/Replacement Project - Phase VII.

November 8, 2021, the Board authorized the General Manager to execute Contract Change Order No. 2 with Garney Pacific, Inc. in the amount of \$235,164 for the Emergency Outfall Improvements Project. The contract change order included installation of new outfall pipeline alignment.

March 28, 2022, the Board authorized the General Manager to execute Amendment No. 1 to Task Order No. 1 with Carollo Engineers, Inc. in the amount of \$49,499 to provide construction management services for the Emergency Outfall Improvements Project, Cathodic Protection System Improvements Project, and FY21 Gravity Sewer Rehabilitation/Replacement Project - Phase VII.

PRE/RC/AB/ACB

Attachments: Figure 1 – Site Plan  
Figures 2 and 3 – Photos  
Table 1 – CCO Summary  
Resolution  
Notice of Completion



Figure 1: Site Plan

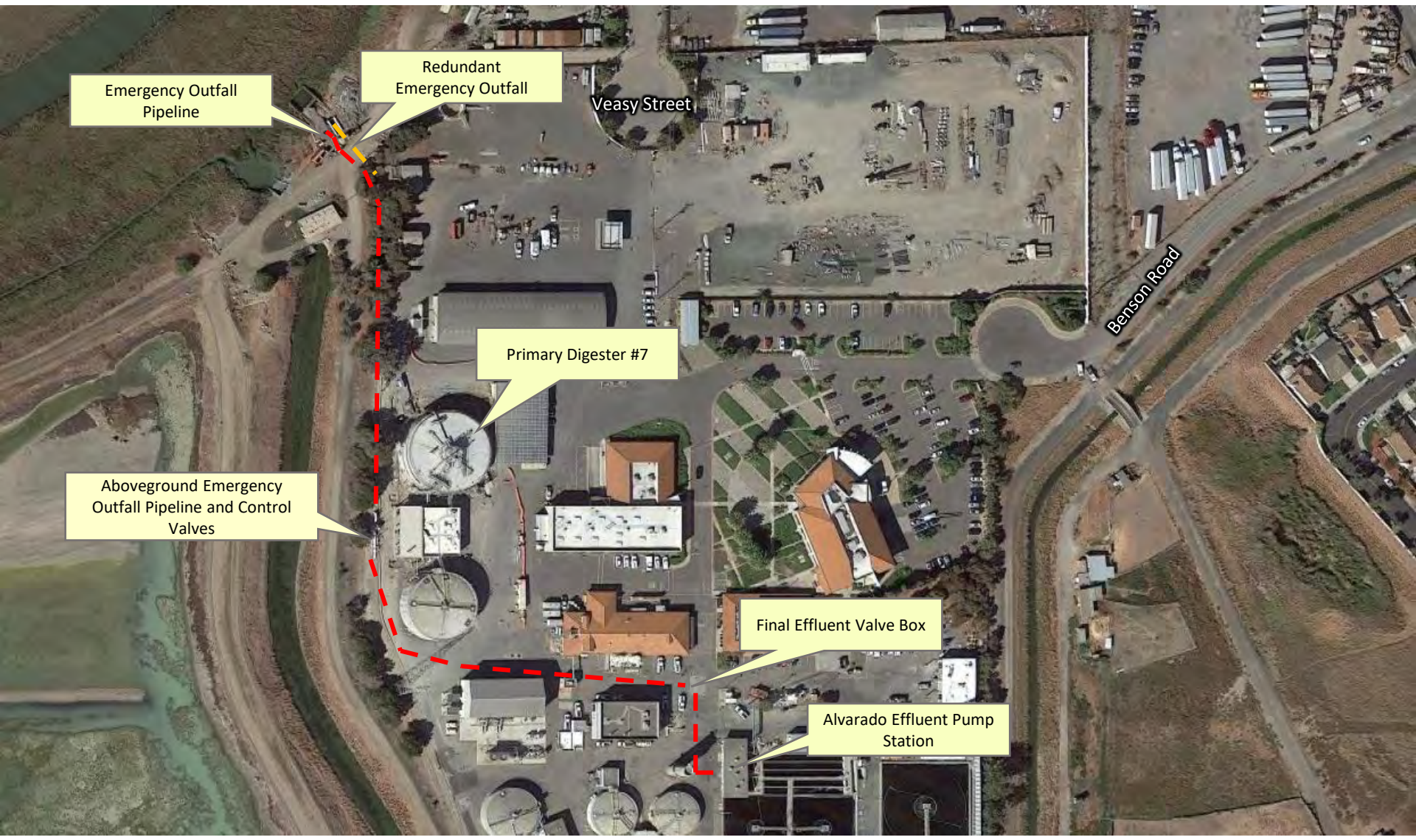




Figure 2: New Concrete Structure Looking Northeast



Figure 3: New Concrete Structure Looking Northwest



**Table 1**  
**Emergency Outfall Improvements Project**  
**Contract Change Order Summary**

<b>No.</b>	<b>Change Order Description</b>	<b>Contract Time Adjustment, Calendar Days</b>	<b>Amount</b>
1	Class II Soil Disposal	0	\$13,963.00
2	New Emergency Outfall Pipe	0	\$235,164.00
3	Additional Rip Rap	0	\$14,480.85
4	Survey and Pothole Existing Pipeline, Repair of Unmarked Water Service	0	\$10,344.01
5	Delay Costs Due to Change in Design for Outfall Pipeline	25	\$31,996.56
6	Concrete Landing Extension	0	\$9,595.05
7	Permit Fees Reimbursement	0	\$2,983.84
8	Additional Soil Disposal and Outfall Pipe Credit	0	(\$10,854.81)
9	Bid Items Reconciliation	0	(\$75,304.35)
	<b>Total</b>	<b>25</b>	<b>\$232,368.15</b>

**RESOLUTION NO. \_\_\_\_**

**ACCEPT CONSTRUCTION OF THE  
EMERGENCY OUTFALL IMPROVEMENTS PROJECT  
LOCATED IN THE CITY OF UNION CITY, CALIFORNIA  
FROM GARNEY PACIFIC, INC.**

RESOLVED, by the Board of Directors of the UNION SANITARY DISTRICT that it hereby accepts the Emergency Outfall Improvements Project from Garney Pacific, Inc., effective June 13, 2022.

FURTHER RESOLVED: That the Board of Directors of the UNION SANITARY DISTRICT authorize the General Manager/District Engineer, or his designee, to execute and record a "Notice of Completion" for the Project.

On motion duly made and seconded, this resolution was adopted by the following vote on June 13, 2022:

AYES:

NOES:

ABSENT:

ABSTAIN:

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ANJALI LATHI  
President, Board of Directors  
Union Sanitary District

Attest:

---

JENNIFER TOY  
Secretary, Board of Directors  
Union Sanitary District

**RECORDING REQUESTED BY  
AND WHEN RECORDED  
RETURN TO:**

**Regina McEvoy  
Union Sanitary District  
5072 Benson Road  
Union City, CA 94587**

NO RECORDING FEE – PER GOVERNMENT CODE SECTIONS 6103 & 27283 (R&T Code 11911)

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**NOTICE OF COMPLETION**

**NOTICE IS HEREBY GIVEN** by the **UNION SANITARY DISTRICT**, Alameda County, California, that the work hereinafter described, the contract for the construction of which was entered into on May 19, 2021, by said District and **GARNEY PACIFIC, INC.**, 324 East 11th, Suite E2, Tracy, CA 95376, Contractor for the Project, “Emergency Outfall Improvements Project,” was substantially completed on January 28, 2022, and accepted by said District on June 13, 2022.

The name and address of the owner is the **UNION SANITARY DISTRICT**, at 5072 Benson Road, Union City, CA 94587.

The estate or interest of the owner is: FEE SIMPLE ABSOLUTE.

The description of the site where said work was performed and completed is the Union Sanitary District’s Alvarado Wastewater Treatment Plant, located at 5072 Benson Road, City of Union City, County of Alameda, State of California.

The undersigned declares under penalty of perjury that the foregoing is true and correct.

Executed on \_\_\_\_\_ at UNION CITY, CALIFORNIA.

---

PAUL R. ELDREDGE, P.E.  
GENERAL MANAGER/DISTRICT ENGINEER  
UNION SANITARY DISTRICT



**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**JUNE 13, 2022  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM #14**

**TITLE:** Consider Adoption of a Resolution Authorizing the Use of Teleconference Meetings in Compliance with AB 361 and Discuss Return to In-Person Meetings (*This is a Motion Item*)

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
Karen W. Murphy, General Counsel  
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

**Recommendation**

Adopt the attached resolution authorizing the use of teleconference meetings in compliance with AB 361 and provide direction on return to in-person meetings.

**Discussion**

AB 361 requires public agencies to make findings by majority vote within 30 days of the first teleconferenced meeting under AB 361 and every 30 days thereafter that a state of emergency still exists and continues to directly impact the ability of the members to meet safely in person, or that officials continue to impose or recommend measures to promote social distancing. As directed by the Board on September 27, 2021, the District is continuing to hold teleconferenced meetings as allowed under AB 361 due to the ongoing public health threat of COVID-19. The Board adopted resolutions at every Board meeting starting on October 25, 2021, authorizing the use of teleconference meetings. At the Board meeting of March 28, 2022, the Board directed staff to continue scheduling teleconference meeting for committees and to phase-in in-person meetings for the Board for the months of April and May and revisit in-person meetings at the first Board meeting in June. During the phase-in, meetings have continued to be held via teleconference although Board members can attend in-person. As the phase-in period has concluded, staff is seeking direction on whether the Board desires to return to in-person Board meetings or continue the phase-in given increasing COVID-19 cases

and the Alameda County mask mandate. Committee meetings would continue to be held via teleconference pursuant to the Board's prior direction.

The attached resolution includes and reaffirms the findings required by AB 361 to allow the District to continue to hold teleconferenced meetings.

### **Background**

AB 361 was signed into law by the Governor on September 16, 2021, and amends the Brown Act to allow local legislative bodies to continue using teleconferencing and virtual meeting technology as long as there is a "proclaimed state of emergency" by the Governor. This allowance also depends on state or local officials imposing or recommending measures that promote social distancing or a legislative body finding that meeting in person would present an imminent safety risk to attendees. Though adopted in the context of the pandemic, AB 361 will allow for virtual meetings during other proclaimed emergencies, such as earthquakes or wildfires, where physical attendance may present a risk.

AB 361 prohibits councils and boards from limiting public comments to those submitted in advance of the meeting and specifies that the legislative body "must provide an opportunity for the public to ... offer comment in real time." (Government Code 54953(e)(2)(E). Additionally, the body must allow a reasonable time for public comment during the comment periods. The District allows for email comments to be submitted throughout Board meeting and the Board Clerk checks for emails continuously, including during the public comment portion for each agenda item.

The agenda must include information on the manner in which the public may access the meeting and provide comments remotely. AB 361 provides that if technical problems arise that result in the public's access being disrupted, the legislative body may not take any vote or other official action until the technical disruption is corrected and public access is restored.

In addition, as noted in the Discussion section above, AB 361 requires public agencies to make findings by majority vote within 30 days of the first teleconferenced meeting under AB 361 and every 30 days thereafter that a state of emergency still exists and continues to directly impact the ability of the members to meet safely in person, or that officials continue to impose or recommend measures to promote social distancing. AB 361 will sunset on January 1, 2024.

### **Previous Board Action**

5/23/22 Board Meeting – The Board adopted Resolution No. 2968, authorizing the use of teleconference meetings in compliance with AB 361.

5/9/22 Board Meeting – The Board adopted Resolution No. 2965, authorizing the use of teleconference meetings in compliance with AB 361.

4/25/22 Board Meeting – The Board adopted Resolution No. 2964, authorizing the use of teleconference meetings in compliance with AB 361.



4/11/22 Board Meeting – The Board adopted Resolution No. 2962, authorizing the use of teleconference meetings in compliance with AB 361.

3/28/22 Board Meeting – The Board adopted Resolution No. 2960, authorizing the use of teleconference meetings in compliance with AB 361 and directed staff to continue scheduling teleconference meetings for committees and to phase in in-person Board meetings.

3/14/22 Board Meeting – The Board adopted Resolution No. 2958, authorizing the use of teleconference meetings in compliance with AB 361.

2/28/22 Board Meeting – The Board adopted Resolution No. 2957, authorizing the use of teleconference meetings in compliance with AB 361.

2/14/22 Board Meeting – The Board adopted Resolution No. 2954, authorizing the use of teleconference meetings in compliance with AB 361.

1/24/22 Board Meeting – The Board adopted Resolution No. 2953, authorizing the use of teleconference meetings in compliance with AB 361.

1/10/22 Board Meeting – The Board adopted Resolution No. 2948, authorizing the use of teleconference meetings in compliance with AB 361.

12/13/21 Board Meeting – The Board adopted Resolution No. 2945, authorizing the use of teleconference meetings in compliance with AB 361.

11/15/21 Special Board Meeting – The Board adopted Resolution No. 2942, authorizing the use of teleconference meetings in compliance with AB 361.

11/8/21 Board Meeting – The Board adopted Resolution No. 2941, authorizing the use of teleconference meetings in compliance with AB 361.

10/25/21 Board Meeting – The Board adopted Resolution No. 2937, authorizing the use of teleconference meetings in compliance with AB 361.

9/27/21 Board Meeting – The Board directed staff to continue with teleconferenced meetings under AB 361.

**RESOLUTION NO. \_\_**

**A RESOLUTION OF THE BOARD OF DIRECTORS AUTHORIZING THE  
USE OF TELECONFERENCE MEETINGS IN COMPLIANCE WITH AB 361**

**WHEREAS**, the Union Sanitary District is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

**WHEREAS**, all meetings of Union Sanitary District's legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963); and

**WHEREAS**, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

**WHEREAS**, Government Code 54953(e) permits teleconferencing in the event that a state of emergency is declared by the Governor pursuant to Government Code section 8625, and that either state or local officials have imposed or recommended measures to promote social distancing, or that the legislative body finds that meeting in person would present imminent risks to the health and safety of attendees; and

**WHEREAS**, such conditions now exist in the District; and

**WHEREAS**, on March 4, 2020, Governor Newsom issued a Proclamation of a State of Emergency in response to the rapid spread of the highly contagious disease known as COVID-19; and

**WHEREAS**, on August 3, 2021, the Health Officer of the County of Alameda adopted Order No. 21-03 stating that the Delta variant has been circulating in the County, is highly transmissible in indoor settings and requires multi-component prevention strategies to prevent spread, and that hospitalizations are increasing; and

**WHEREAS**, despite ongoing efforts to promote masking and vaccinations, COVID-19 continues to threaten the health and lives of the public, especially with the existence of the Delta variant, which is highly transmissible in indoor settings, the Omicron variant, which is even more transmissible than the Delta variant, and a new Omicron sub-variant, and increasing cases in Alameda County; and

**WHEREAS**, the increased risk of contracting COVID-19 associated with being indoors with others has caused, and will continue to cause, conditions of peril to the safety of persons within the District that are likely to be beyond the control of services, personnel, equipment, and facilities of the District; and

**WHEREAS**, on October 25, 2021, the Board adopted Resolution No. 2937, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, on November 8, 2021, the Board adopted Resolution No. 2941, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, on November 15, 2021, the Board adopted Resolution No. 2942, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, on December 13, 2021, the Board adopted Resolution No. 2945, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, on January 10, 2022, the Board adopted Resolution No. 2948, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, on January 24, 2022, the Board adopted Resolution No. 2953, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, on February 14, 2022, the Board adopted Resolution No. 2954, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, on February 28, 2022, the Board adopted Resolution No. 2957, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, on March 14, 2022, the Board adopted Resolution No. 2958, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, on March 28, 2022, the Board adopted Resolution No. 2960, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, on April 11, 2022, the Board adopted Resolution No. 2962, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, on April 25, 2022, the Board adopted Resolution No. 2964, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, on May 9, 2022, the Board adopted Resolution No. 2965, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, on May 23, 2022, the Board adopted Resolution No. 2968, authorizing the use of teleconference meetings in compliance with AB 361; and

**WHEREAS**, the Board now desires to reaffirm and make the findings required to continue holding teleconference meetings in compliance with AB 361 due to the continuing public health threat of COVID-19.

**NOW, THEREFORE, BE IT RESOLVED, BY THE UNION SANITARY DISTRICT BOARD OF DIRECTORS, AS FOLLOWS:**

1. The above recitals are true and correct and are material to this Resolution and are incorporated into this Resolution as findings of the District Board.

2. The Union Sanitary District Board finds and declares that the circumstances set forth in Government Code section 54953(e)(1), exist because the State of Emergency continues to exist and meeting in person would present imminent risks to the health and safety of attendees.

3. Pursuant to the requirements of Government Code Section 54953(e)(3), the District Board makes the following findings:

- (a) The District Board has considered the circumstances of the continuing state of emergency;
- (b) The state of emergency continues to directly impact the ability of the members and the public to meet safely in person;
- (c) Due to COVID-19, holding meetings in person will present imminent risks to the health and safety to attendees; and
- (d) The District Board will continue to meet by teleconference in accordance with Government Code section 54953(e).

4. The aforementioned findings apply to all committees and subcommittees of the District which are classified as legislative bodies pursuant to Government Code Section 54952.

5. The District Board will reconsider every 30 days, the circumstances of the emergency and review whether it continues to directly impact the ability of the members to meet safely in person.

6. If any section, subsection, subdivision, sentence, clause, phrase, or portion of this Resolution is, for any reason, held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Resolution. The Board hereby declares that it would have adopted this Resolution and each and every section, subsection, subdivision, sentence, clause, phrase, or portion thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, sentences, clauses, phrases, or portions thereof be declared unconstitutional.

7. This Resolution shall take effect immediately upon its adoption.

**PASSED, APPROVED, AND ADOPTED at a regular meeting of the Board of Directors on this 13th day of June, 2022.**

AYES:

NOES:

ABSENT:

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Jennifer Toy, Secretary

---

Anjali Lathi, President



**Directors**  
Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**  
Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**JUNE 13, 2022  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 15**

**TITLE:**               **Certificates of Merit to Union Sanitary District's Class I Permitted Industries  
(This is an Information Item)**

**SUBMITTED:**     Paul R. Eldredge, General Manager/District Engineer  
                          Raymond Chau, Technical Services Work Group Manager  
                          Michael Dunning, Environmental Compliance Team Coach  
                          Alex Paredes, Pretreatment Coordinator

**Recommendation**  
Information only.

**Discussion**

The Certificates of Merit award is an annual event that is held to recognize industries that have exceeded the requirements of their wastewater discharge permits during the prior calendar year and that have demonstrated their continued commitment to protecting the environment. In addition, the certificates recognize the industries for consistently complying with and implementing pollution prevention measures, maintaining a cooperative relationship with the District, and demonstrating continued awareness and understanding of environmental issues and requirements.

This year, the District is awarding Certificates of Merit to twenty-six (26) out of thirty-eight (38), or 68% of the Significant Industrial Users (SIUs) with Class I Wastewater Discharge Permits. District staff commends these twenty-six SIUs for their excellent performance during 2021.

In accordance with the current District COVID-19 Prevention Program, the framed Certificates of Merit will be mailed to the recipients along with an acknowledgement letter and an email announcement of their achievement. In addition, staff will mail letters to the cities of Fremont, Newark and Union City recognizing these facilities and place an advertisement in the June 14<sup>th</sup> issue of the Tri-City Voice and June 17<sup>th</sup> issue of the Argus congratulating the awardees.

Companies receiving the Certificates of Merit are:

**City of Fremont** (24 of 30 SIUs)

Air Liquide Advanced Materials (3<sup>rd</sup> consecutive year)  
Amphenol NovaSensor (8<sup>th</sup> consecutive year)  
Clean Sciences, Inc.  
Clean Sciences Technology LLC  
Compugraphics USA, Inc. (2<sup>nd</sup> consecutive year)  
Confluent Medical Technologies, Inc. (2<sup>nd</sup> consecutive year)  
Enablence USA Components, Inc. (13<sup>th</sup> consecutive year)  
Finisar Corporation (19<sup>th</sup> consecutive year)  
Global Plating, Inc. (7<sup>th</sup> consecutive year)  
Intematix Corporation (3<sup>rd</sup> consecutive year)  
Kaiser Permanente Hospital-Fremont  
Lam Research Corporation (CA03/CA3E) (11<sup>th</sup> consecutive year)  
Lam Research Corporation (CA30)  
NeoPhotonics Corporation (3<sup>rd</sup> consecutive year)  
Neuralink Corp  
Quantum Clean #2 (15<sup>th</sup> consecutive year)  
Raxium, Inc. (2<sup>nd</sup> consecutive year)  
Sanmina Corporation (3<sup>rd</sup> consecutive year)  
Seagate Technology, LLC (4<sup>th</sup> consecutive year)  
Tesla, Inc.  
Thermo Fisher Scientific  
Tri-Cities Recycling and Disposal Facility (17<sup>th</sup> consecutive year)  
Washington Hospital Health-Care System (9<sup>th</sup> consecutive year)  
Western Digital Technologies B2 (4<sup>th</sup> consecutive year)

**City of Newark** (1 of 6 SIUs)

Safety-Kleen of California, Inc.

**City of Union City** (1 of 2 SIUs)

Electrochem Solutions, Inc. (6<sup>th</sup> consecutive year)

**Background**

None.

**Previous Board Action**

None.

PRE/RC/MD/AP:sa

Attachment: Advertisement: Certificate of Merit

# Congratulations to Tri-City Industries

You're helping to keep San Francisco Bay clean!



**Union Sanitary District** congratulates  
the following industries. They have received USD's  
**2021 Certificate of Merit**  
for 100% compliance with water quality requirements



## Fremont

- |   |   |
|---|---|
| ★ Air Liquide Advanced Materials (3)        | Lam Research Corporation (CA30)                   |
| ★ Amphenol NovaSensor (8)                   | ★ NeoPhotonics Corporation (3)                    |
| Clean Sciences, Inc.                        | Neuralink Corp                                    |
| Clean Sciences Technology LLC               | ★ Quantum Clean #2 (15)                           |
| ★ Compugraphics USA, Inc. (2)               | ★ Raxium, Inc. (2)                                |
| ★ Confluent Medical Technologies, Inc. (2)  | ★ Sanmina Corporation (3)                         |
| ★ Enable USA Components, Inc. (13)          | ★ Seagate Technology, LLC (4)                     |
| ★ Finisar Corporation (19)                  | Tesla, Inc.                                       |
| ★ Global Plating, Inc. (7)                  | Thermo Fisher Scientific                          |
| ★ Intematix Corporation (3)                 | ★ Tri-Cities Recycling and Disposal Facility (17) |
| Kaiser Permanente Hospital-Fremont          | ★ Washington Hospital Health-Care System (9)      |
| ★ Lam Research Corporation (CA03/CA3E) (11) | ★ Western Digital Technologies B2 (4)             |

## Newark

Safety-Kleen of California, Inc.

## Union City

- ★ Electrochem Solutions, Inc. (6)

- ★ (Consecutive years receiving award)



***Protecting The Tri-Cities & San Francisco Bay***

***Board of Directors***

**Manny Fernandez   Tom Handley   Pat Kite   Anjali Lathi   Jennifer Toy**



**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
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Paul R. Eldredge  
*General Manager/  
District Engineer*

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*Attorney*

**JUNE 13, 2022  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 16**

**TITLE:** COVID-19 Update (*This is an Information Item*)

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer

**Recommendation**

Information only.

**Discussion**

None.

**Background**

General Manager Eldredge will provide an update on the District's COVID-19 response and staffing levels.

**Previous Board Action**

None.

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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
180909	6/2/2022	114	2011800324	HAZEN AND SAWYER	CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$57,813.26	\$278,906.88
	6/2/2022	114	2011800228		MP - AERATION BASIN MODIFICATIONS	\$44,343.94	
	6/2/2022	114	201180102		MP - AERATION BASIN MODIFICATIONS	\$86,362.18	
	6/2/2022	114	2011800415		ETSU PHASE 1B PROJECT	\$90,387.50	
180859	5/26/2022	170	140120220411	PACIFIC GAS AND ELECTRIC	SERV TO 04/03/22 IRVINGTON PS	\$87,920.32	\$87,920.32
180785	5/19/2022	170	140120220511	PACIFIC GAS AND ELECTRIC	SERV TO 05/03/22 IRVINGTON PS	\$1,690.52	\$76,932.67
	5/19/2022	170	380420220506		SERV TO 05/01/22 CHERRY ST PS	\$433.56	
	5/19/2022	170	096020220506		SERV TO 05/01/22 CATHODIC PROJECT	\$41.79	
	5/19/2022	170	761520220502		SERV TO 04/26/22 NEWARK PS	\$21,290.49	
	5/19/2022	170	013720220511		SERV TO 05/04/22 BOYCE RD PS	\$2,364.02	
	5/19/2022	170	898220220506		SERV TO 05/01/2022 FREMONT PS	\$277.21	
	5/19/2022	110	170120220502		SERV TO 04/20/2022 PLANT	\$50,264.86	
	5/19/2022	110	892820220506		SERV TO 05/01/2022 HAYWARD MARSH	\$64.76	
	5/19/2022	170	666720220506		SERV TO 05/01/2022 PASEO PADRE PS	\$505.46	
180766	5/19/2022	143	201180074	HAZEN AND SAWYER	PUMP STATION ASSET CONDITION ASSESSMENT	\$31,029.00	\$64,443.00
	5/19/2022	143	201180093		HEADWORKS DEGRITTING STUDY	\$17,240.00	
	5/19/2022	143	201180066		THERMAL DRYER FEASIBILITY STUDY	\$16,174.00	

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180789	5/19/2022	114	183204	PSOMAS CORP	AERATION BASIN MODIFICATIONS	\$58,261.39	\$58,261.39
180831	5/26/2022	143	17503	DW NICHOLSON CORP	CALCIUM THIOSULFATE CHEMICAL TANK	\$53,642.98	\$53,642.98
180758	5/19/2022	173	2019656	FARALLON GEOGRAPHICS INC	ARCHES SSC HOSTING	\$10,000.00	\$50,700.00
	5/19/2022	173	2019659		ARCHES SSC FY22 ENCHANCEMENTS, ROUND 2	\$40,700.00	
180845	5/26/2022	170	474477	LUBRICATION ENGINEERS INC	BULK OIL	\$45,466.77	\$45,466.77
180911	6/2/2022	170	227702	JM SQUARED ASSOCIATES INC	1 REBUILD PARTS KIT	\$45,301.20	\$45,301.20
180747	5/19/2022	143	21564	CAROLLO ENGINEERS	SODIUM HYPOCHLORITE LOOP IMPROVEMENTS	\$37,353.99	\$37,353.99
180742	5/19/2022	143	11442452	BROWN & CALDWELL CONSULTANTS	COGEN REPLACEMENT & VENTILATION STUDY	\$27,655.32	\$34,453.23
	5/19/2022	143	11442451		PRIMARY DIGESTER NO. 7	\$6,797.91	
180871	5/26/2022	143	222074	TANNER PACIFIC INC	AERATION BLOWER 11 & CENTRIFUGE BLDG IMPROV	\$33,413.50	\$33,413.50
180800	5/19/2022		533620220422	US BANK CORP PAYMENT SYSTEM	MONTHLY CAL-CARD REPORT - APR 2022	\$31,736.07	\$31,736.07
180928	6/2/2022	110	470005326	USP TECHNOLOGIES	4330 GALS HYDROGEN PEROXIDE	\$19,355.10	\$30,172.50
	6/2/2022	110	470005325		2420 GALS HYDROGEN PEROXIDE	\$10,817.40	
180842	5/26/2022	110	9017751654	KEMIRA WATER SOLUTIONS INC	41,260 LBS FERROUS CHLORIDE	\$5,838.53	\$26,950.58
	5/26/2022	110	9017750614		48,320 LBS FERROUS CHLORIDE	\$6,634.69	
	5/26/2022	110	9017750615		48,440 LBS FERROUS CHLORIDE	\$7,476.62	
	5/26/2022	110	9017751619		46,100 LBS FERROUS CHLORIDE	\$7,000.74	
180921	6/2/2022	143	183578	PSOMAS CORP	STANDBY POWER SYSTEM UPGRADE	\$25,449.00	\$25,449.00
180776	5/19/2022	123	952277	LMK TECHNOLOGIES LLC	20 LMK TRAILER PIPE KITS	\$24,624.68	\$24,624.68

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180898	6/2/2022	143	11443154	BROWN & CALDWELL CONSULTANTS	STANDBY POWER SYSTEM UPGRADE	\$22,194.74	\$22,194.74
180903	6/2/2022	110	1422905	DEPARTMENT OF GENERAL SERVICES	SERV: APR 2022 PLANT	\$19,358.41	\$19,358.41
180878	5/26/2022	143	8000524.5	WESTERN WATER	CENTRIFUGE BUILDING IMPROVEMENTS	\$19,332.79	\$19,332.79
180753	5/19/2022	110	1422722	DEPARTMENT OF GENERAL SERVICES	SERV: MAR 2022 PLANT	\$16,927.58	\$16,927.58
180743	5/19/2022	150	283724	BURKE, WILLIAMS & SORENSON LLP	FORCE MAIN RELOCATION - MAR 2022	\$532.48	\$15,319.34
	5/19/2022	150	283728		STANDBY POWER PROJECT - MAR 2022	\$1,364.48	
	5/19/2022		283738		CIP - MAR 2022	\$1,863.68	
	5/19/2022	150	283742		ETSU - MAR 2022	\$1,730.56	
	5/19/2022	150	284102		GENERAL PERSONNEL - MAR 2022	\$499.20	
	5/19/2022	150	283732		GENERAL LEGAL - MAR 2022	\$9,328.94	
180784	5/19/2022	110	3000102536	OLIN CORPORATION	4801.1 GALS SODIUM HYPOCHLORITE	\$3,743.32	\$15,050.93
	5/19/2022	110	3000103208		4901.1 GALS SODIUM HYPOCHLORITE	\$3,821.28	
	5/19/2022	110	3000103582		4800.1 GALS SODIUM HYPOCHLORITE	\$3,742.54	
	5/19/2022	110	3000101318		4801.7 GALS SODIUM HYPOCHLORITE	\$3,743.79	
180920	6/2/2022	110	3000106071	OLIN CORPORATION	4800 GALS SODIUM HYPOCHLORITE	\$3,742.46	\$14,816.64
	6/2/2022	110	3000108260		4798.8 GALS SODIUM HYPOCHLORITE	\$3,741.53	
	6/2/2022	110	3000105487		4497.4 GALS SODIUM HYPOCHLORITE	\$3,506.53	
	6/2/2022	110	3000107125		4907.3 GALS SODIUM HYPOCHLORITE	\$3,826.12	

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180905	6/2/2022	143	248952	FRANK A OLSEN COMPANY	5 - 4 INCH PLUG VALVES	\$10,319.66	\$14,783.89
	6/2/2022	143	248953		4 - 3 INCH PLUG VALVES	\$4,464.23	
180912	6/2/2022	170	997802	KAMAN INDUSTRIAL TECHNOLOGIES	1 TEFLEX DUCT WRAP	\$7,272.20	\$14,544.40
	6/2/2022	170	997808		1 TEFLEX DUCT WRAP	\$7,272.20	
180779	5/19/2022	130	10465	MANAGEMENT PARTNERS INC	CONSULTING SERVICES	\$13,900.00	\$13,900.00
180884	6/2/2022	110	4071036120220520	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 05/19/22-BENSON ROAD	\$13,749.77	\$13,749.77
180824	5/26/2022	143	22476	CAROLLO ENGINEERS	PRIMARY DIGESTER NO. 8 FEASIBILITY STUDY	\$13,669.32	\$13,669.32
180853	5/26/2022	113	634802986	METTLER-TOLEDO INC	ANALYTICAL BALANCE OF XPR204	\$13,172.50	\$13,172.50
180875	5/26/2022	110	470005138	USP TECHNOLOGIES	2852 GALS HYDROGEN PEROXIDE	\$12,748.44	\$12,748.44
180876	5/26/2022	110	470005269	USP TECHNOLOGIES	2846 GALS HYDROGEN PEROXIDE	\$12,721.62	\$12,721.62
180843	5/26/2022	170	49968	LANCE, SOLL & LUNGARD LLP	2022 GOVERNMENT AUDIT	\$12,248.00	\$12,248.00
180900	6/2/2022	173	124926	CDW GOVERNMENT LLC	BACKUP SOFTWARE RENEWAL	\$10,256.58	\$10,256.58
180744	5/19/2022		20220517	STATE OF CALIFORNIA	SALES & USE TAX 04/01/22 - 04/30/2022	\$9,823.46	\$9,823.46
180790	5/19/2022		73385	R.D. KINCAIDE INC	15 PATCH KITS	\$8,385.99	\$8,385.99
180857	5/26/2022	110	3000105486	OLIN CORPORATION	4897.5 GALS SODIUM HYPOCHLORITE	\$3,818.48	\$7,558.68
	5/26/2022	110	3000104526		4797.1 GALS SODIUM HYPOCHLORITE	\$3,740.20	
180914	6/2/2022	110	9017752292	KEMIRA WATER SOLUTIONS INC	48,820 LBS FERROUS CHLORIDE	\$7,540.68	\$7,540.68

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180809	5/26/2022	170	4017274120220506	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 05/05/22 - FREMONT BLVD	\$5,729.71	\$6,961.37
	5/26/2022	170	4017420220220509		SERV TO: 05/05/22 - FREMONT BLVD	\$58.94	
	5/26/2022	170	4017275220220506		SERV TO: 05/05/22 - FREMONT BLVD	\$1,172.72	
180805	5/19/2022	173	58594	WUNDERLICH-MALEC SYSTEMS INC	HISTORIAN DATA MIGRATION - FEB 2022	\$6,600.00	\$6,600.00
180860	5/26/2022	110	1637492	POLYDYNE INC	42,360 LBS CLARIFLOC C-6267	\$6,314.59	\$6,314.59
180904	6/2/2022	143	174250	ESA	SEA LEVEL RISE STUDY UPDATE	\$6,312.55	\$6,312.55
180762	5/19/2022		90809	GATEWAY PRODUCTS GROUP INC	12 SPARK PLUGS	\$6,254.64	\$6,254.64
180838	5/26/2022	170	3R4412	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PARTS & MATERIALS	\$459.20	\$6,069.62
	5/26/2022	170	3R4411		ODOR SCRUBBER PANELS	\$5,610.42	
180794	5/19/2022	110	3022311	SAN FRANCISCO ESTUARY INST	ANNUAL PARTICIPANT FEE FOR RMP 2022	\$5,762.00	\$5,762.00
180748	5/19/2022	173	297744	CDW GOVERNMENT LLC	OFFSITE STORAGE RENEWAL	\$5,500.00	\$5,500.00
180769	5/19/2022	173	90083509	IVANTI INC	IVANTI SOFTWARE UPDATES	\$2,860.50	\$5,289.00
	5/19/2022	173	90083420		SOFTWARE UPDATES ADD LICENSE	\$2,428.50	
180734	5/19/2022	170	2000616648	AECOM TECHNICAL SERVICES INC	HAZMAT CONSULTING SERVICES	\$4,848.65	\$4,848.65
180880	5/26/2022	143	5200	WORKSMART AUTOMATION INC	AERATION BLOWER 11 (HIGH SPEED)	\$4,799.00	\$4,799.00
180897	6/2/2022	170	22038	BLUE SKY ENVIRONMENTAL INC	COGEN EMISSIONS TESTING 2022	\$4,385.00	\$4,385.00
180798	5/19/2022	130	505948	TRACKER, A DIV OF C2, LLC	PORTFOLIO ACCOUNTING & REPORTING ANNUAL	\$4,380.00	\$4,380.00
180791	5/19/2022	120	916004903755	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - MAY 2022	\$4,369.39	\$4,369.39
180757	5/19/2022		7074	ENERGY CHOICE INC	COGEN PARTS	\$4,238.18	\$4,238.18

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180796	5/19/2022	170	1045	SHAPE INCORPORATED	ASTD PUMP PARTS	\$804.45	\$4,164.89
	5/19/2022		1020		ASTD PUMP PARTS	\$3,360.44	
180780	5/19/2022	113	2203G23	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$74.00	\$4,010.00
	5/19/2022	113	2204943		LAB SAMPLE ANALYSIS	\$1,458.00	
	5/19/2022	113	2204467		LAB SAMPLE ANALYSIS	\$1,404.00	
	5/19/2022	113	2204730		LAB SAMPLE ANALYSIS	\$1,024.00	
	5/19/2022	113	2203K35A		LAB SAMPLE ANALYSIS	\$35.00	
	5/19/2022	113	2204469A		LAB SAMPLE ANALYSIS	\$15.00	
180877	5/26/2022	143	21231	V&A CONSULTING ENGINEERS	CATHODIC PROTECTION IMPROVEMENTS	\$3,746.50	\$3,746.50
180895	6/2/2022		B05Q8L	BENEFIT COORDINATORS CORP	DELTA DENTAL AND VSP STMT - JUN 2022	\$3,657.20	\$3,657.20
180837	5/26/2022	170	96533654	H & E EQUIPMENT SERVICES INC	EQUIPMENT RENTAL 04/20/2022 - 05/17/22	\$3,346.30	\$3,346.30
180756	5/19/2022		17836	ECHELCON INC	REFUND # 45548	\$3,300.00	\$3,300.00
180924	6/2/2022		20220526	JOEL SALDANA	COMPUTER NOTE	\$3,300.00	\$3,300.00
180825	5/26/2022	173	933619	CDW GOVERNMENT LLC	1 CISCO SMARTNET	\$3,250.00	\$3,250.00
180763	5/19/2022	173	20220512.4	MICHAEL GILL	EXP REIMB: IVANTI TRAINING SUBSCRIPTION	\$3,000.00	\$3,000.00



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180764	5/19/2022		9278697942	GRAINGER INC	ASTD PARTS & MATERIALS	\$524.27	\$2,911.13
	5/19/2022	170	9279812318		ASTD PARTS & MATERIALS	\$33.00	
	5/19/2022	170	9273666306		ASTD PARTS & MATERIALS	\$89.58	
	5/19/2022	170	9269349982		ASTD PARTS & MATERIALS	\$273.06	
	5/19/2022		9279125406		ASTD PARTS & MATERIALS	\$217.56	
	5/19/2022	171	9279758248		2 SOCKETS	\$34.67	
	5/19/2022		9272666117		ASTD PARTS & MATERIALS	\$1,735.64	
	5/19/2022	170	9277489598		ASTD PARTS & MATERIALS	\$3.35	
180862	5/26/2022	170	28996	RAMOS OIL COMPANY INC	275 GALS COOLANT	\$2,617.43	\$2,617.43
180908	6/2/2022	170	3R4678	HARRINGTON INDUSTRIAL PLASTICS	ODOR SCRUBBER PANELS	\$1,533.60	\$2,586.18
	6/2/2022	170	3R4680		ASTD PVC PARTS & MATERIALS	\$1,052.58	
180806	5/26/2022		10458	A. TEICHERT & SON INC	REFUND # 45571	\$2,500.00	\$2,500.00
180861	5/26/2022		31589	PROLOGIS	REFUND # 45492	\$2,500.00	\$2,500.00

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180906	6/2/2022		9292588440	GRAINGER INC	4 SAFETY GLASSES	\$49.08	\$2,452.67
	6/2/2022	111	9295133095		1 SOCKET	\$11.99	
	6/2/2022		9292317980		ASTD PARTS & MATERIALS	\$1,907.03	
	6/2/2022	122	9292792521		ASTD PARTS & MATERIALS	\$176.85	
	6/2/2022		9292792513		1 VEST	\$157.27	
	6/2/2022	111	9294177242		ASTD PARTS & MATERIALS	\$62.95	
	6/2/2022	120	9292630887		2 RESPIRATORS	\$87.50	
180736	5/19/2022	114	44378	ALLIED FLUID PRODUCTS CORP	ASTD PARTS & MATERIALS	\$2,228.29	\$2,228.29
180910	6/2/2022	141	GLHB488	IRON MOUNTAIN	OFF-SITE STORAGE AND SERVICE - APR 22	\$1,588.08	\$2,201.97
	6/2/2022	141	GMRV188		OFF-SITE STORAGE AND SERVICE - MAY 22	\$613.89	
180737	5/19/2022	130	16274190	APPLEONE EMPLOYMENT SVCS	TEMP LABOR-DZOAN.T , WK END 04/16/22	\$1,525.77	\$2,192.89
	5/19/2022	130	16281269		TEMP LABOR-DZOAN.T , WK END 04/23/22	\$667.12	
180835	5/26/2022	173	20220525.1	MICHAEL GILL	EXP REIMB: QUICKSTART SECURITY TRAINING	\$995.00	\$2,192.71
	5/26/2022	173	20220525		EXP REIMB: SAFETY SHOES	\$182.71	
	5/26/2022	173	20220525.2		EXP REIMB: EMULATION SOFTWARE LICENSE	\$1,015.00	
180777	5/19/2022	130	42222	MACLEOD WATTS INC	ACTUARIALS: OPEB VALUATION AS OF 06/30/22	\$2,050.00	\$2,050.00
180828	5/26/2022		145962690	COLORADO WASHINGTON INC COMCAST OF	FIBER INTERNET BACKUP - MAY 2022	\$2,010.71	\$2,010.71
180820	5/26/2022	143	11442830	BROWN & CALDWELL CONSULTANTS	STANDBY POWER SYSTEM UPGRADE	\$1,894.85	\$1,894.85
180752	5/19/2022		20220425	DALE HARDWARE INC	04/22 - ASTD PARTS & MATERIALS	\$1,889.45	\$1,889.45

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180812	5/26/2022	120	15823	AMERICAN DISCOUNT SECURITY	04/01/22 - 04/30/22 GUARD AT DISTRICT	\$1,874.25	\$1,874.25
180772	5/19/2022	170	886766	KAMAN INDUSTRIAL TECHNOLOGIES	ASTD PARTS & MATERIALS	\$43.41	\$1,816.55
	5/19/2022	170	870902		ASTD PARTS & MATERIALS	\$713.20	
	5/19/2022	170	878858		ASTD PARTS & MATERIALS	\$1,059.94	
180803	5/19/2022	173	40866303	WAVECREST COMPUTING	WEB MONITOR RENEWAL	\$1,765.00	\$1,765.00
180883	6/2/2022	110	4071038120220520	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 05/19/22-BENSON ROAD	\$92.59	\$1,763.97
	6/2/2022	110	4071037120220520		SERV TO: 05/19/22-BENSON ROAD	\$1,671.38	
180813	5/26/2022	130	16288441	APPLEONE EMPLOYMENT SVCS	TEMP LABOR-DZOAN.T , WK END 04/30/22	\$1,700.00	\$1,700.00
180888	6/2/2022	130	16298648	APPLEONE EMPLOYMENT SVCS	TEMP LABOR-DZOAN.T , WK END 05/07/22	\$1,663.49	\$1,663.49
180733	5/19/2022	114	21927241	ABC IMAGING, INC	CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$1,603.39	\$1,603.39
180887	6/2/2022	113	33326	AMERICAN ASSOC FOR LAB ACC	LABORATORY ASSESSMENT	\$1,600.00	\$1,600.00
180850	5/26/2022	170	77639656	MCMMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$420.01	\$1,531.97
	5/26/2022	170	78196490		ASTD PARTS & MATERIALS	\$466.65	
	5/26/2022		78439927		ASTD PARTS & MATERIALS	\$645.31	
180872	5/26/2022		419833818	TERMINIX COMMERCIAL	APR PEST CONTROL	\$1,113.00	\$1,508.00
	5/26/2022		419833817		PEST CONTROL	\$140.00	
	5/26/2022	170	418745246		PEST CONTROL	\$255.00	

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180899	6/2/2022	113	632835	CALTEST ANALYTICAL LABORATORY	4 LAB SAMPLE ANALYSIS	\$222.32	\$1,463.93
	6/2/2022	113	632823		35 LAB SAMPLE ANALYSIS	\$1,128.75	
	6/2/2022	113	632834		2 LAB SAMPLE ANALYSIS	\$112.86	
180886	6/2/2022		20220510	AMAZON.COM LLC	05/22 - ASTD OFFICE SUPPLIES	\$1,440.18	\$1,440.18
180738	5/19/2022		2591018511	ARAMARK	UNIFORM LAUNDERING SERVICE	\$1,028.97	\$1,414.39
	5/19/2022		2591018489		ASTD DUST MOPS, WET MOPS & TERRY	\$59.06	
	5/19/2022		2591018498		UNIFORM LAUNDERING & RUGS	\$326.36	
180917	6/2/2022	171	2279069	MOBILE MODULAR MANAGEMENT CORP	FMC TRAILER RENTAL - JUN 2022	\$1,379.94	\$1,379.94
180822	5/26/2022	111	100006011550262	CALPERS	ER LIABILITY FROM AUDIT - K MAYLE	\$1,367.35	\$1,367.35
180885	6/2/2022	170	5268704	ALL INDUSTRIAL ELECTRIC SUPPLY	1 VIBRATION BAR GRAPH	\$1,357.48	\$1,357.48
180830	5/26/2022	120	20220504	CWEA	1 CERT & 6 MEMBERSHIP RENEWALS - CS 7 EMPLOYEES	\$1,272.00	\$1,272.00
180844	5/26/2022	173	25173	LOOKINGPOINT INC	LOOKINGPOINT NEXT CARE ON DEMAND RENEWAL	\$1,225.00	\$1,225.00
180881	6/2/2022	114	21934188	ABC IMAGING, INC	CAMPUS BUILDINGS (ADMIN, FMC, OPS)~	\$1,222.45	\$1,222.45
180750	5/19/2022	170	20220428	COMMUNICATION & CONTROL INC	UTILITY FEE/ANTENNA RENTAL	\$1,181.07	\$1,181.07
180832	5/26/2022	150	3071	ENS RESOURCES INC	PROFESSIONAL SERVICES - APR 2022	\$1,125.00	\$1,125.00
180773	5/19/2022		11026	KELLY SPICERS	1 MOTORSCRUBBER SPRAYER	\$1,122.46	\$1,122.46
180814	5/26/2022		2591021474	ARAMARK	UNIFORM LAUNDERING SERVICE	\$765.32	\$1,090.14
	5/26/2022		2591021454		UNIFORM LAUNDERING & RUGS	\$324.82	
180782	5/19/2022	114	2272838	MOBILE MODULAR MANAGEMENT CORP	ETSU TEMPORARY OFFICE SPACE	\$1,080.81	\$1,080.81

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180849	5/26/2022	113	2204B04	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$297.00	\$1,067.00
	5/26/2022	113	2204730A		LAB SAMPLE ANALYSIS	\$45.00	
	5/26/2022	113	2204E94		LAB SAMPLE ANALYSIS	\$24.00	
	5/26/2022	113	2204D31		LAB SAMPLE ANALYSIS	\$701.00	
180919	6/2/2022	132	27762	NEOGOV	NEOGOV USER CONFERENCE	\$1,049.00	\$1,049.00
180793	5/19/2022	110	22042716	S&S TRUCKING	GRIT HAULING 04/21/2022	\$1,039.11	\$1,039.11
180916	6/2/2022	171	78670954	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$158.07	\$991.68
	6/2/2022		77954456		ASTD PARTS & MATERIALS	\$537.05	
	6/2/2022	170	77797381		ASTD PARTS & MATERIALS	\$296.56	
180741	5/19/2022	144	17048600	BLAISDELL'S	DUAL SIT-STAND WORKSTATION AND USER KIT	\$664.44	\$989.96
	5/19/2022	130	17059380		ASTD OFFICE SUPPLIES	\$15.37	
	5/19/2022	130	17059381		ASTD OFFICE SUPPLIES	\$43.39	
	5/19/2022	144	17067010		ASTD OFFICE SUPPLIES	\$159.04	
	5/19/2022	130	17052980		ASTD OFFICE SUPPLIES	\$16.11	
	5/19/2022	144	17048601		ASTD OFFICE SUPPLIES	\$91.61	
180882	6/2/2022	170	9125505688	AIRGAS NCN	3 CY ARGON	\$980.76	\$980.76
180797	5/19/2022		735330061901	STAPLES CONTRACT & COMMERCIAL	JANITORIAL & BREAKROOM SUPPLIES	\$34.25	\$969.66
	5/19/2022		735420296601		JANITORIAL & BREAKROOM SUPPLIES	\$737.91	
	5/19/2022		735461848201		JANITORIAL & BREAKROOM SUPPLIES	\$197.50	

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180808	5/26/2022	170	9988380693	AIRGAS NCN	CYLINDER RENTAL	\$949.08	\$949.08
180894	6/2/2022	136	2522468609	BANK OF NEW YORK	APR 2022 SERVICE FEES	\$947.04	\$947.04
180788	5/19/2022	170	101896	PRIME MECHANICAL SERVICE INC	MONTHLY MAINTENANCE - APR 22	\$945.00	\$945.00
180855	5/26/2022	122	20220430	NAPA AUTO PARTS	MONTHLY AUTO PARTS STMT - APR 2022	\$931.33	\$931.33
180890	6/2/2022		8522250707	AT&T	SERV: 04/11/22 - 05/10/22	\$872.58	\$872.58
180735	5/19/2022		282023395	ALFA LAVAL ASHBROOK SIMON-HART	1 WASHBOX MOTOR	\$865.35	\$865.35
180739	5/19/2022	173	522047	AVERTIUM LLC	VULNERABILITY SCAN SUBSCRIPTION	\$845.00	\$845.00
180863	5/26/2022	120	02E0036018380	NESTLE WATERS NO. AMERICA READYREFR	WATER SERVICE 04/07/22 - 05/06/22	\$844.64	\$844.64
180767	5/19/2022		604722148	HILLYARD/SAN FRANCISCO	ASTD JANITORIAL SUPPLIES	\$810.44	\$810.44
180889	6/2/2022		2591024479	ARAMARK	UNIFORM LAUNDERING SERVICE	\$403.38	\$801.62
	6/2/2022		2591024469		UNIFORM LAUNDERING & RUGS	\$339.18	
	6/2/2022	122	2591024464		ASTD DUST MOPS, WET MOPS & TERRY	\$59.06	
180775	5/19/2022		10638	LENNAR HOMES - BAY AREA	REFUND # 45552	\$800.00	\$800.00
180922	6/2/2022		8201117359	RED WING BUS ADVANTAGE ACCT	SAFETY SHOES: I. CAETANO	\$173.65	\$778.15
	6/2/2022		8201117444		SAFETY SHOES: A. DIOSDADO	\$224.90	
	6/2/2022		8201117522		SAFETY SHOES: C. YBARRA-MARTINEZ	\$225.00	
	6/2/2022		8201117523		SAFETY SHOES: J. SOTO	\$154.60	
180746	5/19/2022	173	6000427199	CANON SOLUTIONS AMERICA INC	MTHLY MAINTENANCE BASED ON USE	\$315.90	\$777.20
	5/19/2022	173	6000426319		MTHLY MAINTENANCE BASED ON USE	\$461.30	

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180755	5/19/2022	110	8014024	EAST BAY MUNI UTILITY DISTRICT	FY22 BACC PARTICIPATION FEE	\$757.76	\$757.76
180816	5/26/2022		18201502	AT&T	SERV: 04/13/22 - 05/12/22	\$753.66	\$753.66
180918	6/2/2022	170	962466009	MSA SAFETY SALES	O2 SENSOR NEWARK PUMP STATION	\$742.45	\$742.45
180781	5/19/2022	170	77564031	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$126.20	\$735.26
	5/19/2022	171	76980673		ASTD PARTS & MATERIALS	\$106.89	
	5/19/2022	171	76994849		ASTD PARTS & MATERIALS	\$69.36	
	5/19/2022	170	78190981		ASTD PARTS & MATERIALS	\$247.17	
	5/19/2022	170	77161563		4 LARGE CELL BATTERY	\$185.64	
180865	5/26/2022	170	317470	ROCHESTER MIDLAND CORPORATION	HOT WATER LOOP SERVICE	\$734.51	\$734.51
180893	6/2/2022	170	154758	BABBITT BEARING CO INC	PC #3 BEARING SHAFT REPAIR	\$729.69	\$729.69
180868	5/26/2022		24051	ZHANG RU	REFUND # 45575	\$700.00	\$700.00
180827	5/26/2022	132	220614687	CLAREMONT BEHAVIORAL SERVICES	JUN 2022 EAP PREMIUMS	\$653.20	\$653.20
180891	6/2/2022		18201505	AT&T	SERV: 04/13/22 - 05/12/22	\$66.83	\$630.08
	6/2/2022		18201506		SERV: 04/13/22 - 05/12/22	\$88.70	
	6/2/2022		18169458		SERV: 04/10/22 - 05/09/22	\$474.55	
180852	5/26/2022	170	220550	METROMOBILE COMMUNICATIONS INC	RADIO SERVICE - MAY 2022	\$599.08	\$599.08
180802	5/19/2022	113	8808338183	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$255.05	\$581.59
	5/19/2022	113	8808351393		LAB SUPPLIES	\$326.54	
180765	5/19/2022		20921	REZA HABIB	REFUND # 45558	\$500.00	\$500.00



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180770	5/19/2022		33699	J MORAGA CONSTRUCTION INC	REFUND # 45550	\$500.00	\$500.00
180786	5/19/2022		33686	JIGNESH PATEL	REFUND # 45551	\$500.00	\$500.00
180792	5/19/2022		33703	ROTO-ROOTER SERVICES	REFUND # 45549	\$500.00	\$500.00
180807	5/26/2022		33689	ADVANCED REPIPE SPECIALIST INC	REFUND # 45569	\$500.00	\$500.00
180834	5/26/2022		32665	FIX-IT PLUMBING INC	REFUND # 45570	\$500.00	\$500.00
180847	5/26/2022		32648	SRAVANTHI MANDADI	REFUND # 45572	\$500.00	\$500.00
180864	5/26/2022		33734	RESCUE ROOTER	REFUND # 45568	\$500.00	\$500.00
180760	5/19/2022	170	248857	FRANK A OLSEN COMPANY	2 DIGESTER VALVES	\$496.64	\$496.64
180749	5/19/2022	120	3751	COMMERCIALTRANSPORTATION SVCS	COMMERCIAL DRIVER TRAINING - 3 CS EMPLOYEES	\$477.00	\$477.00
180915	6/2/2022	113	2205290	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$314.00	\$412.00
	6/2/2022	113	2205414		LAB SAMPLE ANALYSIS	\$98.00	
180902	6/2/2022	121	28994	DANOC MANUFACTURING	1 WINTER JACKET	\$106.58	\$398.02
	6/2/2022	141	28993		2 SUMMER JACKETS	\$291.44	
180858	5/26/2022	132	2202534	OPTIMUM TECHNOLOGIES LLC	AT HOME EMPLOYEE PORTAL	\$394.00	\$394.00
180873	5/26/2022	141	433654	ULTRAEX LLC	COURIER SVCS: 6 BOARDMEMBER DELIVERY - 04/20/22 & 04/27/22	\$382.06	\$382.06
180927	6/2/2022	136	98XW53192	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 05/07/22	\$374.59	\$374.59
180839	5/26/2022	130	9719200	HF&H CONSULTANTS, LLC	SEWER RATE MODELING	\$368.00	\$368.00
180826	5/26/2022	150	95587	CITYLEAF INC	PLANT MAINTENANCE - MAY 2022	\$361.65	\$361.65
180869	5/26/2022		2083059002	SAN LEANDRO ELECTRIC SUPPLY	ASTD ELECTRICAL SUPPLIES	\$360.99	\$360.99

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180870	5/26/2022		2086333001	SAN LEANDRO ELECTRIC SUPPLY	ASTD ELECTRICAL SUPPLIES	\$340.65	\$340.65
180901	6/2/2022	123	835567	CORE & MAIN LP	ASTD PARTS & MATERIALS	\$323.39	\$323.39
180925	6/2/2022		2086333002	SAN LEANDRO ELECTRIC SUPPLY	ASTD ELECTRICAL SUPPLIES	\$3.40	\$310.92
	6/2/2022		2086333003		ASTD ELECTRICAL SUPPLIES	\$307.52	
180833	5/26/2022	111	20220523	MOHAMMAD FARSAI	EXP REIMB: TPO SAFETY RECOGNITION 1ST - 4TH QTR	\$285.00	\$285.00
180846	5/26/2022	111	20220525	ANTHONY LULLO	EXP REIMB: TPO SAFETY RECOGNITION 1ST - 4TH QTR	\$269.98	\$269.98
180896	6/2/2022	170	17108740	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$16.65	\$260.90
	6/2/2022	120	17108550		ASTD OFFICE SUPPLIES	\$244.25	
180768	5/19/2022	173	6060356	INTRADO LIFE & SAFETY INC	E911 CLOUD SERVICE	\$250.00	\$250.00
180799	5/19/2022	136	98XW53172	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 04/23/22	\$230.89	\$230.89
180740	5/19/2022	144	25505700	BECK'S SHOES	SAFETY SHOES: A. DUTROW	\$208.00	\$208.00
180810	5/26/2022	170	5322267001	ALAMEDA ELECTRICAL DISTR. INC.	ASTD ELECTRICAL SUPPLIES	\$192.34	\$192.34
180759	5/19/2022	170	9907584	FERGUSON ENTERPRISES, INC.	ASTD PARTS & MATERIALS	\$181.07	\$181.07
180778	5/19/2022		5336322	MALLORY SAFETY AND SUPPLY LLC	ASTD CAL GAS	\$166.13	\$166.13
180811	5/26/2022		969377833538	AMAZON.COM LLC	1 DISINFECTANT SPRAY	\$165.12	\$165.12
180913	6/2/2022	170	971649	KAMAN INDUSTRIAL TECHNOLOGIES	ASTD PARTS & MATERIALS	\$163.40	\$163.40
180821	5/26/2022	132	579692	STATE OF CALIFORNIA	5 NEW HIRE FINGERPRINTS	\$160.00	\$160.00
180829	5/26/2022	171	3756	COMMERCIALTRANSPORTATION SVCS	ENTRY LEVEL DRIVING TRAINING - PARKER	\$159.00	\$159.00

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180836	5/26/2022	170	9285591260	GRAINGER INC	ASTD PARTS & MATERIALS	\$50.81	\$158.86
	5/26/2022	170	9286793311		ASTD PARTS & MATERIALS	\$108.05	
180819	5/26/2022	120	17032412	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$155.04	\$155.04
180841	5/26/2022	170	959842	KAMAN INDUSTRIAL TECHNOLOGIES	ASTD PARTS & MATERIALS	\$152.45	\$152.45
180848	5/26/2022	170	771041956	MATHESON TRI-GAS INC	MONTHLY CYLINDER RENTAL - APR 2022	\$148.92	\$148.92
180783	5/19/2022	170	8289683	MOTION & FLOW CONTROL PRODUCTS	ASTD PARTS & MATERIALS	\$140.63	\$140.63
180840	5/26/2022	122	604722147	HILLYARD/SAN FRANCISCO	ASTD JANITORIAL SUPPLIES	\$139.01	\$139.01
180856	5/26/2022	170	231883	NAYLOR STEEL INC	ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$138.79	\$138.79
180926	6/2/2022	141	20220430	SPOK INC	MAY 2022 PAGER SERVICE	\$132.11	\$132.11
180866	5/26/2022	120	20220525	JESSICA RODRIGUEZ	EXP REIMB: RECRUITMENT PANEL LUNCH	\$129.67	\$129.67
180745	5/19/2022	113	632483	CALTEST ANALYTICAL LABORATORY	2 LAB SAMPLE ANALYSIS	\$125.40	\$125.40
180823	5/26/2022	113	632595	CALTEST ANALYTICAL LABORATORY	2 LAB SAMPLE ANALYSIS	\$125.40	\$125.40
180804	5/19/2022		2728724001	WHCI PLUMBING SUPPLY CO	ASTD PARTS & MATERIALS	\$95.76	\$122.92
	5/19/2022	122	2728724002		ASTD PARTS & MATERIALS	\$27.16	
180879	5/26/2022	122	2706437001	WHCI PLUMBING SUPPLY CO	ASTD PARTS & MATERIALS	\$107.56	\$122.09
	5/26/2022	122	2729013002		ASTD PARTS & MATERIALS	\$14.53	
180923	6/2/2022		118000	REMOTE SATELLITE SYSTEMS INT'L	IRIDIUM SVC FEE JUN 2022	\$112.00	\$112.00
180751	5/19/2022	132	75142963	CONCENTRA MEDICAL CENTERS	1 LAB TEST	\$32.00	\$96.00
	5/19/2022	132	75222928		2 LAB TESTS	\$64.00	

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180818	5/26/2022	111	20220520	ALAN BERLING	EXP REIMB: SAFETY RECOGNITION MEAL	\$87.88	\$87.88
180774	5/19/2022	170	385647	KLEEN BLAST ABRASIVES	BLASTING MATERIALS	\$86.39	\$86.39
180754	5/19/2022	173	562134	DLT SOLUTIONS, LLC	AWS CLOUD STORAGE - MAR 2022	\$76.49	\$76.49
180907	6/2/2022	120	279829	HANIGAN COMPANY INC	BUSINESS CARDS - J. RODRIGUES, K. COFFEE	\$74.72	\$74.72
180761	5/19/2022	111	20220512	MICHAEL FULKERSON	EXP REIMB: TPO 3RD QTR SAFETY RECOGITION	\$74.65	\$74.65
180892	6/2/2022	170	501191	AUTO BODY TOOLMART	ASTD PARTS & MATERIALS	\$71.07	\$71.07
180795	5/19/2022	170	2204139	SGS NORTH AMERICA INC	2 ANALYSIS	\$40.00	\$60.00
	5/19/2022	170	2204190		1 ANALYSIS	\$20.00	
180854	5/26/2022	170	8300523	MOTION & FLOW CONTROL PRODUCTS	ASTD PARTS & MATERIALS	\$11.05	\$49.01
	5/26/2022	122	8302325		ASTD PARTS & MATERIALS	\$37.96	
180817	5/26/2022		18201504	AT&T	SERV: 04/13/22 - 05/12/22	\$43.43	\$43.43
180874	5/26/2022	136	98XW53182	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 04/30/22	\$40.30	\$40.30
180771	5/19/2022	132	20220511	OTTO JANES	REIMB LIVESCAN PRE-EMPLOYMENT	\$33.00	\$33.00
180851	5/26/2022	132	20220301	TYLER MELLO	REIMB LIVESCAN PRE-EMPLOYMENT	\$31.00	\$31.00
180787	5/19/2022	132	20220511	KELLY PEAN	REIMB LIVESCAN PRE-EMPLOYMENT	\$30.00	\$30.00
180801	5/19/2022		9905372432	VERIZON WIRELESS	WIRELESS SERV 04/02/22-05/01/22	\$26.80	\$26.80
180867	5/26/2022	120	20220519	JESSICA RODRIGUEZ	EXP REIMB: SUPPORT TEAM MEETING SNACKS	\$17.50	\$17.50
180815	5/26/2022	141	20220524	ROLLIE ARBOLANTE	EXP REIMB: FLOWERS - E. PEREZ	\$16.36	\$16.36

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<b>Invoices:</b>					<b>Checks:</b>		
<b>Credit Memos :</b>			<b>0</b>				
<b>\$0 - \$1,000 :</b>			<b>173</b>	<b>50,861.21</b>	<b>\$0 - \$1,000 :</b>	<b>93</b>	<b>37,226.40</b>
<b>\$1,000 - \$10,000 :</b>			<b>95</b>	<b>316,806.44</b>	<b>\$1,000 - \$10,000 :</b>	<b>69</b>	<b>217,119.90</b>
<b>\$10,000 - \$100,000 :</b>			<b>36</b>	<b>1,147,202.36</b>	<b>\$10,000 - \$100,000 :</b>	<b>33</b>	<b>981,616.83</b>
<b>Over \$100,000 :</b>			<b>0</b>		<b>Over \$100,000 :</b>	<b>1</b>	<b>278,906.88</b>
<b>Total:</b>			<b>304</b>	<b>1,514,870.01</b>	<b>Total:</b>	<b>196</b>	<b>1,514,870.01</b>