

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy



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

Karen W. Murphy
Attorney

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

**Monday, May 13, 2024
Regular Meeting - 4:00 PM**

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

**THIS MEETING WILL BE TELECONFERENCED FROM
851 UINTA COURT, FREMONT, CA**

1. Call to Order

2. Salute to the Flag

3. Roll Call

- Motion 4. Approve Minutes of the Union Sanitary District Board Meeting of April 22, 2024

- Motion 5. Approve Minutes of the Union Sanitary District Special Board Meeting of April 30, 2024

6. Written Communications

7. 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 8. Select Boardmembers to Represent Union Sanitary District on External Committees for Fiscal Year 2025

- Motion 9. Scheduling Public Hearing to Consider Collection of Sewer Service Charges on the Tax Roll for Fiscal Year 2025 *(to be reviewed by the Legal/Community Affairs Committee)*

- Motion 10. Review and Consider Approval of Policy 2920 Computer Purchase and Student Loan Program *(to be reviewed by the Personnel Committee)*

- Motion 11. Consider a Resolution to Terminate the Emergency Action to Repair a Sinkhole on Cushing Parkway in the City of Fremont *(to be reviewed by the Engineering and Information Technology Committee)*

- Motion 12. Consider a Resolution to Approve Revised Policy No. 2760, Standardized

Equipment/Materials Policy *(to be reviewed by the Engineering and Information Technology Committee)*

- Motion 13. Authorize the General Manager to Execute Amendment No. 1 to Task Order No. 3 with Woodard & Curran, Inc. for the Alvarado Influent Valve Box Rehabilitation Project *(to be reviewed by the Engineering and Information Technology Committee)*
-
- Information 14. Certificates of Merit to Union Sanitary District’s Class I Permitted Industries *(to be reviewed by the Legal/Community Affairs Committee)*
-
- Information 15. Board of Directors Internal Committee Assignments 2024-2025
-
- Information 16. Check Register
-
- Information 17. Committee Meeting Reports *(No Board action is taken at Committee meetings)*
- a. Personnel Committee – Wednesday, May 8, 2024, at 3:15 p.m.
 - Director Lathi and Director Toy
 - b. Engineering and Information Technology Committee – Friday, May 10, 2024, at 10:00 a.m.
 - Director Fernandez and Director Toy
 - c. Legal/Community Affairs Committee – Friday, May 10, 2024, at 11:30 a.m.
 - Director Kite and Director Lathi
-
- Information 18. General Manager’s Report *(Information on recent issues of interest to the Board)*
-
19. Other Business
- a. Comments and questions. *Directors can share information relating to District business and are welcome to request information from staff.*
 - b. Scheduling matters for future consideration
-
20. Adjournment – The Board will adjourn to a Special Board Meeting to be held in the Boardroom on Monday, May 20, 2024, at 4:00 p.m.
-
21. Adjournment – The Board will then adjourn to a Special Board Meeting to be held in the Boardroom on Tuesday, May 28, 2024, at 4:00 p.m.
-
22. Adjournment – The Board will then adjourn to a Special Board Meeting to be held in the Boardroom on Wednesday, May 29, 2024 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.

**MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT/UNION SANITARY DISTRICT FINANCING
AUTHORITY
April 22, 2024**

CALL TO ORDER

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

SALUTE TO THE FLAG

President Fernandez led the salute to the flag.

ROLL CALL

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

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, Technical Services Manager
Robert Simonich, Fabrication, Maintenance, and Construction Manager
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager
Mitchell Costello, Treatment and Disposal Services Coach
Richard Thow, Customer Service Coach
Matt Lubina, Collection Services Coach
Trieu Nguyen, IT Administrator
Rebecca Ingalls, Administrative Specialist
Joel Saldana, Collection Service Worker
Cody Bybee, Collection Service Worker
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

VISITORS: Alice Johnson, League of Women Voters

**ADOPT A RESOLUTION ANNOUNCING AND DECLARING THE RESULTS OF THE
DISTRICT ELECTION HELD MARCH 5, 2024**

District Counsel Murphy stated Director Manny Fernandez representing Ward 1, Director Pat Kite representing Ward 2, and Director Anjali Lathi representing Ward 3, were the only candidates for their respective wards and were reappointed by the County to serve terms expiring in 2028. Staff recommended the Board adopt a resolution

receiving the Certificates of Appointment and announcing the results from the March 5, 2024, Union Sanitary District Election as to Directors from Ward 1, Ward 2, and Ward 3, as certified by the Alameda County Registrar of Voters.

It was moved by Vice President Toy, seconded by Director Kite, to Adopt Resolution No. 3009 Announcing and Declaring the Results of the District Election Held March 5, 2024. Motion carried with the following vote:

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

SWEARING IN OF REAPPOINTED BOARDMEMBERS MANNY FERNANDEZ, PAT KITE, AND ANJALI LATHI

Board Clerk McEvoy led the reappointed Directors in reciting the Oath of Office as prescribed by the Certificate of Appointment issued by the Alameda County Registrar of Voters.

President Fernandez recessed the meeting at 4:05 p.m. for a brief reception.

President Fernandez reconvened the meeting at 4:18 p.m.

ELECTION OF OFFICERS FOR THE BOARD OF DIRECTORS

General Manager Eldredge stated Policy No. 3070, Boardmember Officers and Committee Membership, states the Board shall annually elect by majority vote the President, Vice President, and Secretary. Pursuant to Board direction, the Board will also select a Secretary Pro Tem. Policy 3070 will be updated to include appointment of Secretary Pro Tem going forward. Staff recommended the Board appoint and elect by motion the officers to serve as President, Vice President, Secretary, and Secretary Pro Tem in accordance with previous Board direction and District Policy No. 3070.

It was moved by Director Lathi, seconded by Director Kite, to Appoint Director Toy as President, Director Handley as Vice President, Director Kite as Secretary, and Director Fernandez as Secretary Pro Tem. Motion carried with the following vote:

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

APPROVE MINUTES OF THE UNION SANITARY DISTRICT BOARD MEETING OF APRIL 8, 2024

It was moved by Director Kite, seconded by Director Lathi, to Approve the Minutes of the Board Meeting of April 8, 2024. Motion carried with the following vote:

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

APPROVE MINUTES OF THE UNION SANITARY DISTRICT SPECIAL BOARD MEETING OF APRIL 15, 2024

It was moved by Director Lathi, seconded by Vice President Toy, to Approve the Minutes of the Special Board Meeting of April 15, 2024. Motion carried with the following vote:

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

MARCH 2024 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.

WRITTEN COMMUNICATIONS

There were no written communications.

PUBLIC COMMENT

There was no public comment.

AUTHORIZE THE GENERAL MANAGER TO EXECUTE A CONTRACT CHANGE ORDER WITH W.M. LYLES CO. FOR A CREDIT TO CHANGE NEW PIPE MATERIALS FOR THE ENHANCED TREATMENT AND SITE UPGRADE PROGRAM PHASE 1A AERATION BASINS MODIFICATIONS PROJECT

This item was reviewed by the Engineering and Information Technology Committee. Enhanced Treatment and Site Upgrade Program Manager Pipkin stated the Board awarded the construction contract for the Project to W.M. Lyles Co. on January 1, 2022. The Project will include numerous improvements to the aeration system in the Plant which will include over two thousand feet of new ductile iron pipe. At the time of the bid opening, ductile iron pipe manufacturers were experiencing major supply chain issues that were substantially driving up costs and delivery times. The contractor proposed using stainless steel piping in lieu of ductile iron pipe in nearly all locations. The District was able to acquire stainless steel, which is a better long term pipe material, at a savings over what was planned in the contract. Staff recommended the Board authorize the General Manager to execute contract change order No. 9 with W.M. Lyles Co. in the credit amount of \$520,594 for savings associated with the change of new pipe materials for the Enhanced Treatment and Site Upgrade Program Phase 1A Aeration Basins Modifications Project.

It was moved by Director Kite, seconded by Vice President Toy, to Authorize the General Manager to Execute Contract Change Order No. 9 with W.M. Lyles Co. in the Credit Amount of \$520,594 for Savings Associated with the Change of New Pipe Materials for the Enhanced Treatment and Site Upgrade Program Phase 1A Aeration Basins Modifications Project. Motion carried with the following vote:

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

CONSIDERATION OF BOARD RESOLUTION TO AUTHORIZE STAFF, LEGAL COUNSEL, AND MUNICIPAL ADVISOR TO PREPARE DOCUMENTS FOR THE ISSUANCE OF INTERIM NOTES

This item was reviewed by the Budget & Finance Committee. Business Services Manager/CFO Carlson stated staff have been working on funding options for the Enhanced Treatment and Site Upgrade Project with assistance from the District's financial advisor, Fieldman Rolapp. After careful consideration of available funding options, the recommendation is for the District to proceed with a 4-year Interim Note issuance ranging from \$150 million to a not to exceed amount of \$199 million. The funds would be utilized to bridge the gap until WIFIA funds may be accessed in March 2028, at which time the Interim Notes would be repaid from WIFIA funds. Staff recommended the Board adopt a resolution to authorize staff, legal counsel, and municipal advisors to prepare documents for the issuance of Interim Notes with Stradling Yocca Carlson & Rauth as Bond Counsel and Disclosure Counsel, Fieldman Rolapp & Associates as Municipal Advisor, and RBC as underwriters for the transaction.

It was moved by Vice President Toy, seconded by Director Lathi, to Adopt Resolution No. 3010 Authorizing Union Sanitary District to Issue Interim Notes with Stradling Yocca Carlson & Rauth as Bond Counsel and as Disclosure Counsel, Fieldman Rolapp & Associates as Municipal Advisor, and RBC as Underwriters for the Transaction. Motion carried with the following vote:

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

CONSIDER A RESOLUTION OF THE UNION SANITARY DISTRICT REGARDING ITS INTENTION TO REIMBURSE CERTAIN COSTS FROM PROCEEDS OF TAX-EXEMPT OBLIGATIONS

This item was reviewed by the Budget & Finance Committee. Business Services Manager/CFO Carlson stated the proposed resolution would be in conjunction with the previous item. Under certain circumstances, projects to be financed with tax-exempt bonds may need to proceed prior to the issuance of the bonds. The Internal Revenue Code allows the District to reimburse project costs from tax-exempt bonds. The District takes an action to declare its intention for such reimbursement prior to sale of the

bonds. In order to provide for the ability for the District to reimburse project costs from proceeds of proposed tax-exempt bonds to be issued, the proposed resolution states the District's intention regarding such reimbursement. Under the Internal Revenue Code, costs incurred up to 60 days prior to the date of the adoption of such resolution may be reimbursed from tax-exempt obligations. Staff recommended the Board consider adopting a resolution of the Union Sanitary District stating its intention to reimburse certain project costs from proceeds of tax-exempt obligations.

It was moved by Director Lathi, seconded by Vice President Toy, to Adopt Resolution No. 3011 as a Resolution of the Union Sanitary District Regarding its Intention to Reimburse Certain Costs from Proceeds of Tax-Exempt Obligations. Motion carried with the following vote:

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

CONSIDER CONFIRMING AND DECLARING THE NEED TO CONTINUE THE EMERGENCY ACTION TO REPAIR A SINKHOLE ON CUSHING PARKWAY IN THE CITY OF FREMONT

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Chau stated that on February 12, 2024, the Board adopted a resolution declaring the need to authorize an emergency and the expenditure of funds to allow staff to proceed with the expeditious repair of a sinkhole on Cushing Parkway in the City of Fremont. Following adoption of the resolution, staff issued written notification to McGuire and Hester to commence services in accordance with the District's emergency services contract. McGuire and Hester developed and submitted required traffic control plans/permit applications to the City of Fremont. The public contract code requires the Board review the status of the emergency action at every regularly scheduled Board meeting following adoption of the resolution until the action has been terminated. Staff recommended the Board declare the continuance of the emergency action to repair a sinkhole on Cushing Parkway in the City of Fremont.

It was moved by Vice President Toy, seconded by Director Kite, to Declare the Continuance of the Emergency Action to Repair a Sinkhole on Cushing Parkway in the City of Fremont. Motion carried with the following four-fifths vote:

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

INFORMATION ITEMS:

Board Expenses for 3rd Quarter of Fiscal Year 2024

This item was reviewed by the Budget & Finance Committee. General Manager Eldredge provided an overview of Board Expenses for the 3rd Quarter of Fiscal Year 2024 included in the Board meeting packet.

CAL-Card FY24 3rd Quarter Activity Report

This item was reviewed by the Budget & Finance Committee. General Manager Eldredge stated the 3rd Quarter Fiscal Year 2024 Activity Report included transactions from December 22, 2023 through March 21, 2024. There were 246 transactions totaling \$81,838.51 during the 3rd Quarter of the 2024 Fiscal Year.

Report on the East Bay Dischargers Authority Meeting of March 21, 2024

Director Lathi provided an overview of the EBDA meeting summary included in the Board meeting packet.

Check Register

There were no questions regarding the check register.

COMMITTEE MEETING REPORTS:

The Engineering and Information Technology and Legal/Community Affairs Committees met.

GENERAL MANAGER'S REPORT:

- General Manager Eldredge stated the District submitted comments for the most recent draft of the 3rd watershed permit issued by the Water Quality Control Board, and noted the latest version was an improvement over the previous draft.
- General Manager Eldredge stated the District was recently awarded a grant from the Department of Energy which will cover approximately 50% of costs to install solar on top of covered storage.
- General Manager Eldredge noted the Board meeting agenda and staff report templates had been updated for ADA compliance.
- District staff attended the City of Fremont's Earth Day event which was held at Washington Hospital on Saturday, April 20, 2024; approximately 500 people visited the District's booth during the event.
- Directors will receive emails from staff requesting their committee preferences for the upcoming fiscal year; new committee assignments will take effect July 1, 2024.

OTHER BUSINESS:

There was no other business.

ADJOURNMENT:

The meeting was adjourned at 4:47 p.m. to a Special Board Meeting to be held in the Boardroom on Tuesday, April 30, 2024, at 4:00 p.m.

The Board will then adjourn to the next Regular Meeting to be held in the Boardroom on Monday, May 13, 2024, at 4:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

PAT KITE
SECRETARY

APPROVED:

JENNIFER TOY
PRESIDENT

Adopted this 13th day of May 2024

**MINUTES OF THE SPECIAL MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
April 30, 2024**

CALL TO ORDER

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

ROLL CALL

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

STAFF: Paul Eldredge, General Manager/District Engineer
Mark Carlson, Business Services Manager/CFO
Armando Lopez, Treatment and Disposal Services Manager
Jose Rodrigues, Collection Services Manager
Raymond Chau, Technical Services Manager
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager
Chris Pachmayer, Fabrication, Maintenance, and Construction Coach
Ed Tatola, Fabrication, Maintenance, and Construction Coach
Gus Carrillo, Enhanced Treatment and Site Upgrade Assistant Program Manager
Alisa Gordon, Human Resources Manager

PUBLIC COMMENT

There was no public comment.

BOARD WORKSHOP

General Manager Eldredge presented information regarding IRS guidelines.

ADJOURNMENT:

The special meeting was adjourned at approximately 5:30 p.m. to the next Regular Board Meeting to be held in the Boardroom on Monday, May 13, 2024, at 4:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

PAT KITE
SECRETARY

APPROVED:

JENNIFER TOY
PRESIDENT

Adopted this 13th day of May, 2024

Directors
 Manny Fernandez
 Tom Handley
 Pat Kite
 Anjali Lathi
 Jennifer Toy



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

 Karen W. Murphy
Attorney

**MAY 13, 2024
 BOARD OF DIRECTORS MEETING
 AGENDA ITEM #8**

TITLE: Select Boardmembers to Represent Union Sanitary District on External Committees for Fiscal Year 2025 (Motion Item)

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

Recommendation

Select Boardmembers to serve the FY25 term as USD representatives on the Alameda County Water District Finance Authority (ACWDFA), East Bay Dischargers Authority (EBDA) Commission, Alameda County Chapter of California Special District Association (ACSDA), and the Southern Alameda County Geographic Information System (SACGISA) Joint Powers Authority.

Discussion

Currently, the representatives and alternates for the external committees are:

Organization	Representative	1 st Alternate	2 nd Alternate
ACWDFA	Jennifer Toy	Manny Fernandez	Tom Handley
EBDA Commission	Anjali Lathi	Tom Handley	Jennifer Toy
ACSDA	Manny Fernandez	Pat Kite	Tom Handley
SACGISA	Tom Handley	Manny Fernandez	Anjali Lathi

Below is a table showing the preferences indicated by the Board with 1 being the committee in which they are most interested in serving and 4 being the committee in which they are least interested in serving:

Board Member	ACWDFA	EBDA	ACSDA	SACGISA
Manny Fernandez	2	4	1	3
Tom Handley	2	4	3	1
Pat Kite			1*	
Anjali Lathi				
Jennifer Toy	2	1	4	3

*Director Kite would only be able to attend local meetings.

Background

Policy No. 3070 calls for the Board to select representatives and alternates for four External Committees.

Previous Board Action

The Board considers this item annually. The history of the past 10 years of Board action may be found in the History of External Committee Assignments 2014 to Present attached.

Attachments

1. 3070 Boardmember Officers and Committee Membership
2. External Cmte Assignments 2014 to Present

Union Sanitary District
Policy and Procedure Manual

Effective: 4/26/2021	Boardmember Officers and Committee Membership	Policy Number 3070 Page 1 of 4
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Policy

Selection of Board Officers will be held annually at the first regular meeting following the certification of Board election results in election years or approximately one year after the election of Board Officers in non-election years. Internal Board committee memberships and Board representation for External Committees shall be established following the selection of the Board Officers.

Purpose

To provide a written record of the procedure approved by the Board for electing its Officers and establishing its committee memberships.

Procedure

Board Officers

1. The Officers are President, Vice President, and Secretary and the term of office shall be for approximately one year, allowing for flexibility depending on the date of the election for Boardmembers. In election years, which occur every two years, the term shall run until after certification of election results. In non-election years, the term shall end and begin on such date as determined by the Board to allow for approximate one-year terms, with the understanding that terms may be either longer or shorter than one year depending on the date of the next District election.
2. The Board may, by motion, amend the titles of President and Vice President to Chair and Vice Chair, respectively, provided that the Chair, regardless of title, shall act as the “president” pursuant to California Health & Safety Code Section 6486. Throughout this Policy, the titles President and Vice President shall be used interchangeably with Chair and Vice Chair.
3. The President shall preside over the meetings of the Board of Directors and be responsible for the following:
 - a. maintaining order and following the published agenda
 - b. ensuring Boardmembers are allowed to participate in discussions
 - c. allowing the public to speak on agenda items
 - d. facilitating dialog among the public, staff, and Boardmembers
 - e. appointment of members of the Board of Directors to Internal Committee assignments
 - f. signing resolutions, ordinances, and construction contracts on behalf of the District

- g. representing the Board of Directors on issues or at events as designated by the full Board

The Vice President shall fulfill the duties of the President when the President is absent or otherwise unavailable.

The Secretary shall ensure the recording of the minutes of the Board of Directors meetings and sign the adopted Minutes, shall sign all Resolutions and Ordinances passed by the District, and shall serve as Vice President when the Vice President is absent or otherwise unavailable. If the President and Vice President are both absent, and a quorum is present, the Secretary shall preside over the meetings of the Board of Directors as the Board President.

4. During election years, the newly elected Boardmembers shall be sworn in as the first item of business on the agenda followed immediately by the selection of the Board Officers. During non-election years, the selection of the Board Officers shall be considered after the last motion item on the agenda. The Board shall elect the President, Vice-President, and Secretary for terms as set forth in Section 1 above. The election or removal of the President, Vice-President, or Secretary shall require a majority vote of the Board. The Board may choose to follow a rotation of officers.

The Board officers in office at the beginning of the meeting shall retain their positions until the adjournment of the meeting and the newly selected Board Officers shall assume their duties immediately following this meeting.

Internal Board Committee Memberships

1. Internal committees are: Budget and Finance; Engineering and Information Technology; Legal/Community Affairs; Legislative; Personnel; and Audit Committee. There is no fixed schedule for meetings set by this policy and appointments are made by the President, as set forth below. Notwithstanding the above, meetings are noticed and open to the public.
2. Annually, following the election of Board officers, and at the same meeting as the election of the officers, Directors shall be provided a list of the internal committees along with an internal committee interest form. The internal committee interest form shall be completed in order of preference and provided to the General Manager, or designee, no later than 11 calendar days in advance of the next Board meeting.
3. The President is delegated the authority to appoint Directors to the internal committees. The President shall make every effort to rotate committee assignments and ensure a similar number of committee assignments for each Board member. Notice of internal committee membership appointments will be contained in an information item to the Board at the next regularly scheduled meeting following the selection of the Board Officers. The determination of the Board President on committee assignments shall be

considered final.

- 4. Ad Hoc committees are called as needed by a majority vote of the Board of Directors.

External Commissions / Committee Representatives (CCR)

- 1. External commissions/committees include: the EBDA Commission; the Joint Powers Authority for Geographic Information Systems; the Alameda County Water District Finance Authority (ACWDFA); and the Alameda County Chapter of the California Special Districts Association.
- 2. Membership on the EBDA Commission shall be a maximum of two consecutive years, with a possible three years in exceptional circumstances if approved by the Board.
- 3. The Board of Directors will elect representatives for External Committees annually. At the same meeting as the election of officers, Directors shall be provided a list of external committees along with an external committee interest form. The external committee interest form shall be completed in order of preference and provided to the General Manager, or designee, no later than 11 calendar days in advance of the meeting. The external committee interests shall be compiled in a motion item staff report by the General Manager, or designee, and provided to the Board for consideration. The Board shall elect the external committee representatives for one-year terms to start on July 1 of each year, or as otherwise decided by the Board majority, unless the assignment is vacant, in which case the term shall begin immediately upon election. The Board may choose to follow a rotation for representatives. The election or removal of external committee representatives shall require a majority vote of the Board.

Management Responsibility

The General Manager will be responsible for scheduling on the Board agenda, the election or appointment of Board officers and external commissions, pursuant to the schedule shown above. The General Manager, or designee, will provide the following to the new President, with copies to the Board: (1) a list of the last ten years and current committee memberships; (2) a copy of this policy; and (3) a list of internal committee interests. In consultation with the Board President, the General Manager will also be responsible for scheduling on the Board agenda the announcement of internal committee appointments.

Supersedes Policy Dated: July 2004, September 2005, January 2008, September 2010, October 2013, December 2016, December 2019

Approved by:	Board of Directors, April 2021
Reviewers:	General Manager, Board of Directors, District’s attorney
Notify Person:	General Manager
Review frequency:	Every 3 years
Next Review:	April 2024

**Union Sanitary District
BOARDMEMBER EXTERNAL COMMITTEE ASSIGNMENTS
2014 – Present**

Date	EBDA	CSDA	GIS	ACWDF
7/23-7/24	Anjali Lathi Alt: Tom Handley	Manny Fernandez Alt: Pat Kite	Tom Handley Alt: Manny Fernandez	Jennifer Toy Alt: Manny Fernandez
7/22-7/23	Anjali Lathi Alt: Tom Handley	Manny Fernandez Alt: Pat Kite	Tom Handley Alt: Manny Fernandez	Jennifer Toy Alt: Manny Fernandez
7/21-7/22	Jennifer Toy Alt: Anjali Lathi	Jennifer Toy Alt: Pat Kite	Tom Handley Alt: Manny Fernandez	Anjali Lathi Alt: Tom Handley
7/20-7/21	Jennifer Toy Alt: Anjali Lathi	Jennifer Toy Alt: Pat Kite	Tom Handley Alt: Manny Fernandez	Pat Kite Alt: Anjali Lathi
8/19-7/20	Anjali Lathi** Alt: Tom Handley	Jennifer Toy Alt: Tom Handley	Manny Fernandez Alt: Jennifer Toy	Pat Kite Alt: Jennifer Toy
7/18-7/19	Tom Handley Alt: Jennifer Toy	Pat Kite Alt: Manny Fernandez	Manny Fernandez Alt: Jennifer Toy	Anjali Lathi Alt: Jennifer Toy
7/17-7/18	Jennifer Toy Alt: Tom Handley	Pat Kite Alt: Jennifer Toy	Tom Handley Alt: Manny Fernandez	Anjali Lathi Alt: Manny Fernandez
7/16-7/17	Jennifer Toy Alt: Tom Handley	Pat Kite Alt: Manny Fernandez	Manny Fernandez Alt: Anjali Lathi	Anjali Lathi Alt: Pat Kite
6/15-7/16	Tom Handley Alt: Manny Fernandez	Pat Kite Alt: Manny Fernandez	Jennifer Toy Alt: Anjali Lathi	Jennifer Toy Alt: None
6/14-6/15	Tom Handley Alt: Manny Fernandez	Pat Kite Alt: Manny Fernandez	Jennifer Toy Alt: Anjali Lathi	Jennifer Toy Alt: None

** Due to unforeseen conflicts, Director Handley attended the majority of EBDA meetings during FY20

Directors
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Pat Kite
Anjali Lathi
Jennifer Toy



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

Karen W. Murphy
Attorney

MAY 13, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #9

TITLE: **Scheduling Public Hearing to Consider Collection of Sewer Service Charges on the Tax Roll for Fiscal Year 2025 *(to be reviewed by the Legal/Community Affairs Committee) (Motion Item)***

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Mark Carlson, CFO, Business Services Workgroup Manager

Recommendation

Set the time for holding the public hearing to consider collection of sewer service charges on the tax roll for fiscal year 2025, at 4 p.m. or as soon thereafter as the matter may be heard, on June 24, 2024, to be held in the Boardroom at 5072 Benson Road, Union City, California.

Discussion

If the Board would like to consider placing the sewer service charges for fiscal year 2025 on the tax rolls, it should set the date for the public hearing to consider authorizing the collection. After the hearing is set by the Board, staff will prepare the report to be considered at the public hearing and will publish the Notice (below) of the time and place of the hearing in the Tri-City voice newspaper on June 11, 2024, and June 18, 2024, and in the Argus on June 14, 2024, and June 21, 2024. The draft notice provides that the hearing will be held in-person at the District Boardroom.

UNION SANITARY DISTRICT

NOTICE OF FILING REPORT AND PUBLIC HEARING IN CONNECTION WITH THE COLLECTION OF FISCAL YEAR 2025 SEWER SERVICE CHARGES ON THE PROPERTY TAX ROLL

NOTICE IS HEREBY GIVEN that pursuant to Sections 5471 and 5473, et seq. of the Health and Safety Code of the State of California and Union Sanitary District Ordinance No. 31, the Board of Directors of Union Sanitary District will consider whether to collect its charges for sewer services for fiscal year 2025 on the tax roll, in the same manner as general taxes, consistent with past practices.

The District has filed a written report with the Secretary of the Board of Directors describing each parcel of real property subject to the charges and the amount of the charges against that parcel for fiscal year 2025. The District's report is on file and available for public inspection at the District Offices.

For reference, the charges for a single-family homeowner (the majority of USD's customers) and all other rates for individual customers can be found by contacting the District at (510) 477-7500 or on the District's website www.unionsanitary.com/rates/sewer-service-charges

NOTICE IS FURTHER GIVEN that on Monday, the 24th day of June 2024, at the hour of 4:00 p.m. or as soon thereafter as the matter may be heard, during the Board meeting to be held at the Union Sanitary District Boardroom, 5072 Benson Road, Union City, California, in said District, the Board will hold a hearing to consider the report and whether to collect the sewer service charges for fiscal year 2025 on the property tax roll. At the hearing, the Board of Directors will hear and consider all objections or protests, if any, to the District's report. Any questions regarding the charges may be directed to Mark Carlson, CFO, Business Services Manager.

Publish dates:

June 11, 2024 – Tri-City Voice

June 18, 2024 – Tri-City Voice

June 14, 2024 – Argus

June 21, 2024 – Argus

By order of the Board of Directors of Union Sanitary District.

Background

The collection of the sewer service charges on the tax rolls requires an annual hearing and consideration of the Board. The District may authorize the sewer service charges for fiscal year 2025 to be collected on the tax rolls, consistent with past practices, by 1) creating a report setting forth the amount of the sewer service charges to be assessed on each parcel in the District; 2) filing the report with the Secretary of the Board; 3) scheduling a public hearing for the Board to hear all objections and protests (if any); and 4) authorizing the collection of the sewer service charges on the tax rolls, if there is no majority protest.

Previous Board Action

None

Attachments

None

Directors
 Manny Fernandez
 Tom Handley
 Pat Kite
 Anjali Lathi
 Jennifer Toy



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

 Karen W. Murphy
Attorney

**MAY 13, 2024
 BOARD OF DIRECTORS MEETING
 AGENDA ITEM #10**

TITLE: **Review and Consider Approval of Policy 2920 Computer Purchase and Student Loan Program (to be reviewed by the Personnel Committee) (Motion Item)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
 Mark Carlson, CFO/Business Services Workgroup Manager

Recommendation

Review and Consider Approval of Policy 2920 Computer Purchase and Student Loan Program.

Discussion

There are no proposed changes to this policy other than minor administrative updates and clarifications.

Background

Policy 2920, Computer Purchase and Student Loan Program requires review and approval by the Board of Directors every three years. Additionally, every Fall, a report is presented to the Board detailing activity for these two programs for the fiscal year just ended.

A program update was provided to the Board at the November 13, 2023, Board meeting. That update included the following information:

Employee Computer Loan Program		
	Dollars	Quantity
Balance July 1, 2023	\$ 17,027	16
New Loans	1,206	1
Payments & Adjustments	(11,235)	(7)
Balance June 30, 2024	\$ 6,998	10

To date, there have been no loans issued under the student loan portion of this policy.

Previous Board Action

04/12/21 Board Meeting – Policy Approved

Attachments

1. 2920 Computer Purchase and Student Loan Program April 2024 Redline Version
2. 2920 Computer Purchase and Student Loan Program April 2024 Cleanline Version

Union Sanitary District
Policy and Procedure Manual

Effective: April May 2024	Computer Purchase and Student Loan Program	Policy Number 2920 Page 1 of 7
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Policy

Union Sanitary District's Board of Directors encourages employee development.

This policy is composed of two parts: (1) a Computer Purchase Loan Program (“Computer Loan”), which provides for interest-free loans for eligible computer related purchases, and (2) a Student Loan Program (“Student Loan”), which generally provides for interest-free student loans for educational expenses exceeding the maximum reimbursement available under the Employee Education Policy (Policy 5330).

It is intended that both loan programs meet the requirements for qualification under Section 127 of the Internal Revenue Code, and that benefits paid to employees under such programs be excludable from gross income to the maximum extent allowed under that Section. In accordance with Section 127, the District will provide reasonable notice of the terms and availability of this program to eligible employees.

In addition, it is intended that the foregone interest on loans under both programs be excluded from gross income under the de minimis exception set out under Section 7872(c) (3) of the Internal Revenue Code for compensation-related loans not exceeding \$10,000.

Purpose

The Computer Purchase and Student Loan Programs were established to assist employees in the development of enhanced computer skills applicable to the District’s computing environment, and to allow employees to improve their work- and career-related knowledge, skills, and abilities by providing an economic incentive to improve such skills and knowledge.

Computer Purchase Loan Program

Definitions

Employee Refers to all full time, part-time employees and current Board members.

- Conditions*
- a) All participating employees are required to sign a Computer Purchase and Student Loan Program Installment Note (“Installment Note”).
 - b) Loans are for new material acquisition only. This may be for a complete system, additions to an existing system or eligible software.
 - c) Loans must be paid back through after-tax payroll deductions.
 - d) No interest will be assessed on the loan.
 - e) Employees may not apply for a new loan for 24 months from the start of their first loan unless the previous loan is paid in full. No more than two loans may be outstanding at any one time with a combined maximum of \$3,300.

Eligibility

All full-time, non-probationary employees who have completed a new hire probation and who are not on a Plan of Improvement, part-time employees who have completed probation and an additional year of employment with the District and are not on a Plan of Improvement, and current members of the Board of Directors are eligible to participate in the Computer Purchase Loan Program. All employees must have a minimum of six months employment with the District. Board member eligibility begins once they are sworn in.

Ineligibility

Full-time employees who are on probation as a new hire or on a Plan of Improvement for any reason, or part-time employees who have not passed probation and have not been employed by the District for an additional year or are on a Plan of Improvement for any reason are not eligible to participate in the Computer Purchase Loan Program.

Loan Terms

The no-interest loan must be repaid within 78 pay periods.

Minimum Loan Amount

\$500 is the minimum amount for a loan to be opened.

Maximum Loan Amount

\$3,300 total per employee, up to two loans at any time. The total loan program shall not exceed \$50,000 in maximum program liability.

Priorities

Should the maximum program liability be approached, Business Services Workgroup Manager will institute the following priority schedule:

1. First priority: employees/Board Members who have not participated in the program;
2. Second priority: employees/Board Members who have paid off their entire loan balance;
3. Third priority: employees/Board Members who have completed 24 months of payments and have a remaining balance.

Procedure

- Employee/Board Member completes the [Request for Computer Purchase Loan Financing](#) form and submits it to IT.
- IT verifies equipment eligibility, including comparing it with the Computer Loan Equipment Standards included as appendix A to this policy, and forwards the form to the Business Services [Workgroup](#) Manager [\(or their designee\)](#), –and/or the General Manager, who verifies employee eligibility, availability of funds in the program and approves/disapproves expenditure of funds.
- If at any step of the verification process the employee fails to meet the criteria for a loan, the [Request for Computer Purchase Loan Financing](#) form will be returned to the employee with an explanation of the reason for the loan denial.
- After receiving approval from the Business Services [Workgroup](#) Manager [\(or their designee\)](#), the employee/Board Member purchases hardware/software.
- The employee/Board Member submits the paid invoice along with any other supporting documentation to the Business Services [Workgroup](#) Manager [\(or their designee\)](#), who notifies Payroll to prepare a reimbursement check.
- Business Services (Payroll) prepares the reimbursement check and the [Installment Note](#) to be signed by the employee/Board Member prior to the release of the reimbursement check.
- If employment with Union Sanitary District ends prior to loan pay-off, the remaining balance must be paid within 30 days from the date of separation from the District or end of a Board Member's term and maybe deducted from any monies due the employee.
- Business Services (Finance/FAST) issues a paid note after the last payment is received.
- Failure to repay the remaining balance will result in the District taking action, up to and including legal recourse, to collect all funds owed.

Student Loan Program**Definitions**

<i>Conditions</i>	a) All employees are required to sign a Computer Purchase and Student Loan Program Installment Note . b) Loans must be paid back through after-tax payroll deductions. c) No interest will be assessed on the loan.
<i>Eligibility</i>	All full-time and part-time employees who have completed a new hire probation and are not on a Plan of Improvement. Part-time employees must also complete an additional one (1) year of employment after completing probation.
<i>Ineligibility</i>	Full-time employees who are on probation as a new hire or on a Plan of Improvement for any reason, or part-time employees who have not passed probation and have not been employed by the District for an additional year or are on a Plan of Improvement for any reason are not eligible to participate in this program.
<i>Loan Term</i>	The no-interest loan must be repaid within 78 pay periods.
<i>Maximum Loan Amount</i>	\$3,000 per employee with a \$15,000 maximum program liability.
<i>Priority</i>	Should the aggregate loan cap be approached, Business Services will institute the following priority schedule: <ol style="list-style-type: none">1. First priority: employees that have not participated in the program;2. Second priority: employees who have paid off their entire loan balance;3. Third priority: employees who have completed 24 months of payments and have a remaining balance.
<i>Refinancing</i>	Employees are eligible for refinancing, up to a maximum total loan amount of \$3,000

Procedure

- Employee must have already completed the Tuition Reimbursement Request form under the Employee Education Policy (Policy Number 5330) and received Coach and HR approval.
- Employee must state, in the Student Loan section of the [Tuition Reimbursement Request](#) form that their educational reimbursement exceeds the maximum reimbursement of the

maximum amount available per the Employee Education Policy and they are requesting a student loan for up to a maximum of \$3000.

- After Human Resources approves the [Tuition Reimbursement Request](#) form requesting a loan, HR forwards the request to Business Services (Payroll).
- Payroll prepares an Installment Note for the employee's signature.
- Payroll prepares a check to reimburse the employee.
- Payroll establishes payroll deductions for a maximum of 78 pay periods.
- If employment with Union Sanitary District ends prior to loan pay-off, the remaining balance must be paid within 30 days of separation.
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- Failure to repay all of the remaining balance will result in the District taking action, up to and including legal recourse, to collect all funds owed.

Management Responsibility

Authorization for the employee to purchase computer hardware/software under this program comes from the Business Services [Workgroup](#) Manager and/ or General Manager. Authorization for a student loan under this program comes from the employee's Coach and/or Work Group Manager and the Human Resources Manager. Business Services Management has the responsibility to ensure that the aggregate student loans do not exceed \$15,000 and the total aggregate loans do not exceed \$50,000.

Related Forms

Request for Computer Loan Financing

Computer Purchase and Student Loan Program Installment Note

Attachments

Appendix A – Computer Loan Equipment Standards

Author/Owner: Business Services Workgroup Manager, Executive Team

Reviewers: Executive Team

Approved by: Board of Directors

Review Frequency: 3 years

Next Review Date: ~~April-May~~ 2027⁴

APPENDIX A

Computer Loan Equipment Standards

Technology is rapidly evolving and this equipment standards list may need to be reviewed and updated more frequently than the 3 year cycle of the policy. The Maintenance and Technology Manager, in consultation with the General Manager, may update the equipment standards list periodically as changes in technology dictate without requiring the Board to consider and approve the entire policy.

Eligible Hardware:

- Microsoft Windows Operating System compatible desktop or laptop computer purchased with the current selling Microsoft Windows Operating System or proof of a transferable license ownership of a currently supported Microsoft Windows Operating System
- Apple desktop or laptop computer purchased with the current selling Microsoft Windows Operating System or proof of a transferable license ownership of a currently supported Microsoft Windows Operating System
- Monitor up to 32" with the primary purpose of the device to serve as a computer monitor and not a TV (IT will make this judgment and factor in if the screen is integrated with the computer)
- Printer
- Scanner
- Router
- Print server
- Mouse and or keyboard
- Standard speakers
- Laptop or tablet carrying or protective cases
- Tablets with Microsoft Windows, Google Android, Apple iOS system or equivalent as determined by IT (hardware only, no service or use plans).
- Smartphone with Microsoft Windows, Google Android, Apple iOS system or equivalent as determined by IT that is compatible with the District's server, email and calendaring systems (hardware only, no service or use plans).

Eligible Software:

- Microsoft Windows Operating System
- Microsoft Office
- Adobe Acrobat
- Firewall
- Anti-virus
- Anti-spyware
- Virtualization software or dual boot to run the Microsoft Windows Operating System or Microsoft office as part of an Apple computer purchase

Eligible Warranty:

- Up to a 3 year warranty
- Coverage for accidental damage protection for mobile devices only (i.e., laptops)
- Shipping

Not Eligible:

- Contracts/subscriptions for cloud based services for eligible programs that extend beyond 3 years.

Union Sanitary District
Policy and Procedure Manual

Effective: May 2024	Computer Purchase and Student Loan Program	Policy Number 2920 Page 1 of 7
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Policy

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- Employee/Board Member completes the [Request for Computer Purchase Loan Financing](#) form and submits it to IT.
- IT verifies equipment eligibility, including comparing it with the Computer Loan Equipment Standards included as appendix A to this policy, and forwards the form to the Business Services Workgroup Manager (or their designee), and/or the General Manager, who verifies employee eligibility, availability of funds in the program and approves/disapproves expenditure of funds.
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Attachments

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Author/Owner: Business Services Workgroup Manager, Executive Team

Reviewers: Executive Team

Approved by: Board of Directors

Review Frequency: 3 years

Next Review Date: May 2027

APPENDIX A

Computer Loan Equipment Standards

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- Monitor up to 32" with the primary purpose of the device to serve as a computer monitor and not a TV (IT will make this judgment and factor in if the screen is integrated with the computer)
- Printer
- Scanner
- Router
- Print server
- Mouse and or keyboard
- Standard speakers
- Laptop or tablet carrying or protective cases
- Tablets with Microsoft Windows, Google Android, Apple iOS system or equivalent as determined by IT (hardware only, no service or use plans).
- Smartphone with Microsoft Windows, Google Android, Apple iOS system or equivalent as determined by IT that is compatible with the District's server, email and calendaring systems (hardware only, no service or use plans).

Eligible Software:

- Microsoft Windows Operating System
- Microsoft Office
- Adobe Acrobat
- Firewall
- Anti-virus
- Anti-spyware
- Virtualization software or dual boot to run the Microsoft Windows Operating System or Microsoft office as part of an Apple computer purchase

Eligible Warranty:

- Up to a 3 year warranty
- Coverage for accidental damage protection for mobile devices only (i.e., laptops)
- Shipping

Not Eligible:

- Contracts/subscriptions for cloud based services for eligible programs that extend beyond 3 years.

Directors
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Anjali Lathi
Jennifer Toy



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

Karen W. Murphy
Attorney

**MAY 13, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #11**

TITLE: **Consider a Resolution to Terminate the Emergency Action to Repair a Sinkhole on Cushing Parkway in the City of Fremont (*to be reviewed by the Engineering and Information Technology Committee*) (Motion Item)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Jose Rodrigues, Collection Services Work Group Manager
Raymond Chau, Technical Services Work Group Manager
Curtis Bosick, CIP Team Coach
Andrew Mujsce, Assistant Engineer

Recommendation

Receive a final update on the repair of a sinkhole on Cushing Parkway in the City of Fremont and adopt a resolution terminating the emergency.

Discussion

On April 22, 2024, the Board received an update on the emergency action and adopted a motion to confirm and declare the continuance of the emergency action to repair a sinkhole on Cushing Parkway in the City of Fremont. Since that meeting, McGuire and Hester has completed all remaining punch list/remediation work required by the City of Fremont. Refer to Figure 3 for a photo of the completed repair.

After the determination of an emergency pursuant to Public Contract Code Section 22050, the Board is required to review the status of the emergency action at every regularly scheduled meeting thereafter until the emergency action is terminated. This staff report seeks authorization to adopt a resolution terminating the emergency as the necessary repairs have been completed and the conditions now warrant termination.

Background

The District has an existing 36-inch reinforced concrete pipe (RCP) trunk sewer main at the intersection of Cushing Parkway and Auto Mall Parkway in the City of Fremont. There was a depression in the asphalt pavement adjacent to the pipeline due to ground subsidence that had progressed into a sinkhole. Below is a summary of the timeline of events:

- November 19, 2022: USD's contractor completed installation of CIPP liner for the 36-inch trunk sewer.

- May 28, 2023: USD staff responded to a trouble call for a road depression located at the intersection of Cushing Parkway and Auto Mall Parkway in the City of Fremont. The District dispatched a crew to perform a due diligence investigation. This investigation included reviewing previous inspection documents and performing a CCTV inspection of the 36-inch trunk sewer. Moreover, this trunk sewer was in good condition as it was recently rehabilitated using cured-in-place pipe (CIPP) lining methods. Thus, staff could not identify any potential causes of the road depression and the City of Fremont was notified of their findings. The City's maintenance staff installed a steel plate over the depression with the intention of repairing the pavement at a future date.
- September 22, 2023: City of Fremont discovered that the road depression had developed into a sinkhole when removing the steel plate to repair the pavement. The District was notified of the sinkhole; however, circumstances had not changed, and staff still did not believe that the trunk sewer could have been a contributing source. Accordingly, the City's maintenance staff performed some work to stabilize the road surface and reinstalled the steel plate.
- November 22, 2023: USD staff received a CCTV video from the contractor that performed the CIPP lining work, which identified a hole in the side of the RCP trunk sewer pipe at the 8 o'clock position. The video was previously taken by a contractor during the CIPP lining process, immediately after the pipe was cleaned but prior to the liner being installed. Following receipt of this video, staff have been in continued discussions with the City of Fremont regarding the best course of action to facilitate the necessary repairs.

Staff worked with the City of Fremont and USD's geotechnical consultant to determine the best approach for making the necessary repairs. The consultant's recommendation was to excavate and replace impacted soils located within an area of the intersection; approximately 15 feet wide by 22 feet long by 7 feet deep. Refer to Figure 1 for a site plan that depicts roughly the size/location of the excavation and Figure 2 for a photo of the sinkhole.

Given that the wet weather season was under way and that the full extent of underground soil conditions was unknown, the repair of the sinkhole needed to be done as soon as possible and did not allow the time required for competitive bidding. This approach meant that the District would not be able to develop a formal design to repair the road surface, but instead would rely on engineering sketches and field inspections by the geotechnical consultant to define the scope of the repair. Additionally, field adjustments needed to be made based on-site conditions encountered (e.g., groundwater elevation, soil behavior, utility conflicts, traffic control, etc.). The City of Fremont supported an expedited repair of the roadway and did not have any objections to this approach.

The District's Purchasing Policy and California Public Contract Code (PCC) Section 20806 allow for emergency contracting without competitive bidding in accordance with the requirements of PCC Section 22050. Section 22050(a) provides that the District, pursuant to a four-fifths vote of the Board, "may repair or replace a public facility, take any directly related and immediate action required by that emergency, and procure the necessary equipment, services, and supplies for those purposes, without giving notice for bids to let contracts."

In addition, the work is exempt under the California Environmental Quality Act (CEQA). CEQA Guidelines section 15269 establishes a statutory exemption for emergency repairs to public service facilities necessary to maintain service, and section 15301 establishes an exemption for repair of existing facilities.

The attached Resolution No. 3007, adopted on February 12, 2024, addresses the requirements of the PCC to declare the emergency and authorize additional expenditures without the need for competitive bidding. As such the District proceeded with the work under our emergency services contract with McGuire and Hester.

Previous Board Action

February 12, 2024, the Board adopted a resolution declaring an emergency and authorizing the emergency expenditure of funds for repairing a sinkhole on Cushing Parkway in the City of Fremont.

February 26, 2024, the Board received an update on the emergency action and adopted a motion to continue the action and confirmed and declared the continuance of the emergency action.

March 11, 2024, the Board received an update on the emergency action and adopted a motion to confirm the February 26, 2024, determination to continue the action, and confirmed and declared the continuance of the emergency action.

March 25, 2024, the Board received an update on the emergency action and adopted a motion to continue the action and confirmed and declared the continuance of the emergency action.

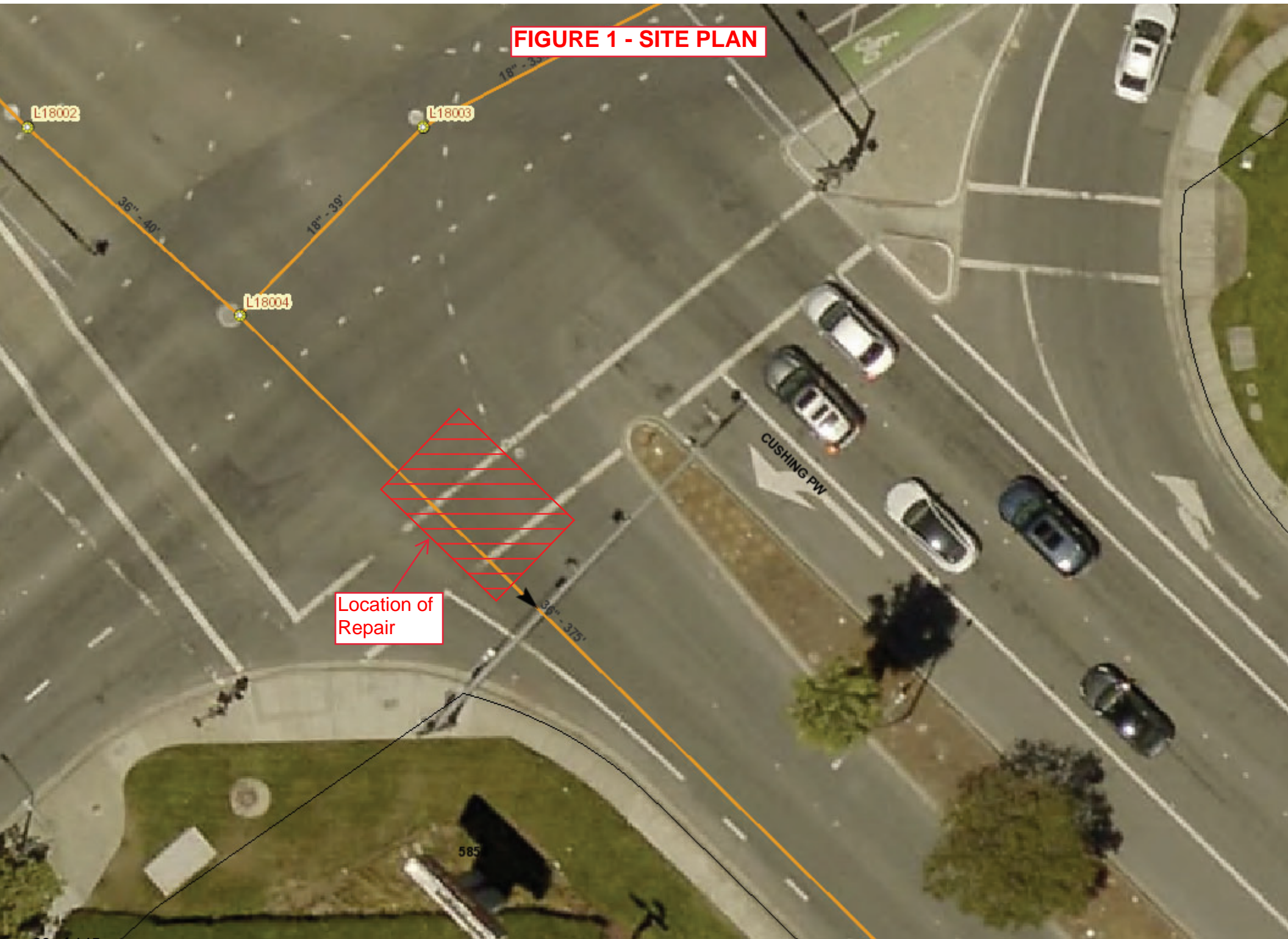
April 8, 2024, the Board received an update on the emergency action and adopted a motion to continue the action and confirmed and declared the continuance of the emergency action.

April 22, 2024, the Board received an update on the emergency action and adopted a motion to continue the action and confirmed and declared the continuance of the emergency action.

Attachments

1. Figure 1 – Site Plan
2. Figures 2 and 3 – Photos
3. Resolution No. 3007
4. Proposed Resolution

FIGURE 1 - SITE PLAN



Location of Repair



Figure 2 – Sinkhole at Intersection of Cushing Parkway and Auto Mall Parkway



Figure 3 – Completed Repair of Intersection

RESOLUTION NO. 3007

DECLARING AN EMERGENCY AND AUTHORIZING THE EMERGENCY EXPENDITURE OF FUNDS FOR REPAIRING A SINKHOLE ON CUSHING PARKWAY IN THE CITY OF FREMONT

WHEREAS, the road surface in the City of Fremont located at the intersection of Cushing Parkway and Auto Mall Parkway has been damaged by ground subsidence in the form of a sinkhole potentially due to a hole in the District's existing 36-inch RCP trunk sewer main; and

WHEREAS, given that wet weather season is under way and that the full extent of underground soil conditions is unknown, it is necessary for the District to expeditiously proceed with the repair; and

WHEREAS, compliance with competitive bidding procedures typically takes a number of months and would not allow prompt action to be taken to complete the repair, as required to safeguard the public and District facilities; and

WHEREAS, the District's Purchasing Policy and California Public Contract Code (PCC) Section 20806 allow for emergency contracting without competitive bidding in accordance with the requirements of PCC Section 22050; and

WHEREAS, California Environmental Quality Act (CEQA) Guidelines section 15269 establishes a statutory exemption for emergency repairs to public service facilities necessary to maintain service, and other specific actions necessary to prevent or mitigate an emergency and section 15301 establishes an exemption for repair of existing facilities; and

WHEREAS, the damage involves a clear and imminent threat, demanding immediate action to prevent or mitigate loss of, or damage to, life, health, property, and essential public services.

NOW, THEREFORE, BE IT RESOLVED, BY THE UNION SANITARY DISTRICT BOARD OF DIRECTORS, BASED ON THE STAFF REPORT AND ORAL AND WRITTEN TESTIMONY, 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 Board finds that the repair is exempt under CEQA Guidelines sections 15269 and 15301 as the work is an emergency repair to an existing public facility necessary to maintain service.
3. The Board finds and declares, pursuant to Public Contract Code section 22050(a), that based on substantial evidence presented before the Board, the

emergency will not permit a delay resulting from competitive solicitation for bids for the repair of the road surface over the District's sewer main, and that this action is necessary to respond to the emergency.

4. The Board authorizes staff to proceed with the repair of the road surface located at the intersection of Cushing Parkway and Auto Mall Parkway, and procurement of the necessary equipment, services, and supplies for that purpose without giving notice for bids to contracts.

5. The Board will review the status of the emergency at each subsequent meeting of the Board of Directors and vote to authorize continuation of this resolution until the emergency action is completed.

PASSED, APPROVED, AND ADOPTED by at least a four-fifths vote, at a regular meeting of the Board of Directors on this 12th day of February, 2024.

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

DocuSigned by:
Manny Fernandez
77BEF9EB02EB471...

MANNY FERNANDEZ
President, Board of Directors
Union Sanitary District

Attest:

DocuSigned by:
Tom Handley
C0CC5EF393E9442...

TOM HANDLEY
Secretary, Board of Directors
Union Sanitary District

RESOLUTION NO. _____

TERMINATING THE EMERGENCY FOR REPAIRING A SINKHOLE ON CUSHING PARKWAY IN THE CITY OF FREMONT

WHEREAS, the road surface in the City of Fremont located at the intersection of Cushing Parkway and Auto Mall Parkway was damaged by ground subsidence in the form of a sinkhole potentially due to a hole in the District's existing 36-inch RCP trunk sewer main; and

WHEREAS, given that wet weather season was under way and that the full extent of underground soil conditions was unknown, it was necessary for the District to expeditiously proceed with the repair; and

WHEREAS, compliance with competitive bidding procedures typically takes a number of months and would not allow prompt action to be taken to complete the repair, as required to safeguard the public and District facilities; and

WHEREAS, the District's Purchasing Policy and California Public Contract Code (PCC) Section 20806 allow for emergency contracting without competitive bidding in accordance with the requirements of PCC Section 22050; and

WHEREAS, California Environmental Quality Act (CEQA) Guidelines section 15269 establishes a statutory exemption for emergency repairs to public service facilities necessary to maintain service, and other specific actions necessary to prevent or mitigate an emergency and section 15301 establishes an exemption for repair of existing facilities; and

WHEREAS, the damage involved a clear and imminent threat, demanding immediate action to prevent or mitigate loss of, or damage to, life, health, property, and essential public services; and

WHEREAS, on February 12, 2024, the Board of Directors of Union Sanitary District adopted Resolution No. 3007, pursuant to the District's Procurement Policy and PCC Section 20806, to allow for emergency contracting without competitive bidding in accordance with the requirements of PCC Section 22050, finding that, based on substantial evidence presented before the Board, the emergency would not permit a delay resulting from the competitive solicitation of bids for the repair of the road surface over the District's sewer main, and that the action was necessary to respond to the emergency; and

WHEREAS, Resolution No. 3007 further authorized staff to proceed with the repair of the road surface located at the intersection of Cushing Parkway and Auto Mall Parkway, and procurement of the necessary equipment, services, and supplies for that purpose without giving notice for bids to contracts; and

WHEREAS, the Board reviewed the status of the emergency at every regularly scheduled meeting of the Board of Directors thereafter, and on February 26, 2024, March 11, 2024, March 25, 2024, April 8, 2024, and April 22, 2024, adopted a motion to authorize continuation of Resolution No. 3007 and the emergency; and

WHEREAS, the repair of the road surface in the City of Fremont located at the intersection of Cushing Parkway and Auto Mall Parkway and the site restoration work have been completed.

NOW, THEREFORE, BE IT RESOLVED, BY THE UNION SANITARY DISTRICT BOARD OF DIRECTORS, BASED ON THE STAFF REPORT AND ORAL AND WRITTEN TESTIMONY, AS FOLLOWS:

1. The Board finds that the emergency that began on February 12, 2024, due to the damage caused by ground subsidence in the form of a sinkhole, as declared by Resolution No. 3007 and continued through further action of the Board, no longer exists; that the emergency action is complete; that there is no longer a need to continue the action; and that the conditions now warrant termination.

2. The Board hereby declares that the emergency action, as declared by Resolution No. 3007 and continued through further action of the Board, is hereby terminated.

PASSED, APPROVED, AND ADOPTED at a regular meeting of the Board of Directors on this 13th day of May 2024.

AYES:

NOES:

ABSENT:

ABSTAIN:

JENNIFER TOY
President, Board of Directors
Union Sanitary District

Attest:

PAT KITE
Secretary, Board of Directors
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

**MAY 13, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #12**

TITLE: **Consider a Resolution to Approve Revised Policy No. 2760, Standardized Equipment/Materials Policy (to be reviewed by the Engineering and Information Technology Committee) (Motion Item)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Raymond Chau, Technical Services Work Group Manager
Curtis Bosick, CIP Team Coach

Recommendation

Staff recommends the Board consider a resolution to approve revised Policy No. 2760, Standardized Equipment/Materials Policy, which among other things, incorporates the Collections Services (CS) Standardized Equipment/Materials List, selection criteria, and procedures, and updates the CIP and FMC standardized equipment/materials lists.

Discussion

Staff has updated the District's Standardized Equipment/Materials policy as part of our ongoing efforts to review and update all policies. The policy was scheduled for review on April 12, 2024, and required staff's review prior to the Board's consideration.

Staff reviewed the policy and proposes the following changes:

1. Policy No. 2760, Standardized Equipment/Materials Policy
 - a. The policy was expanded to include guidelines for maintaining and approving standardized materials in addition to equipment.
 - b. The definitions of CS Staff, CS Standardized Equipment/Material List, and CS Standardized Equipment/Material Selection Criteria were added.
 - c. New CS Procedures were added to provide guidelines CS Staff will utilize for evaluating the equipment and materials to be included in the CS Standardized Equipment/Materials List.
 - d. Attachment E – CS Standardized Equipment/Materials List is a new attachment to the policy.
 - e. There were other minor edits made throughout the document.

2. Attachment A – CIP Standardized Equipment List
 - a. The attachment title and Board Approval Date were updated.
 - b. Gas Monitoring Systems was removed from the list.

- c. The quantities and unit costs were updated for some equipment.
 - d. Minor changes were made to clarify whether the equipment/material matches existing equipment or is only available from one vendor.
- 3. Attachment B – California Public Contract Code Section 3400
 - a. The Board Approval date was updated.
- 4. Attachment C – CIP Standardized Equipment Selection Criteria
 - a. The Board Approval date was updated.
- 5. Attachment D – FMC Standardized Equipment/Materials List
 - a. The attachment title and Board Approval Date were updated.
 - b. New equipment was added to the list:
 - i. Cogeneration Engines
 - ii. Cogeneration Heat Recovery Boilers
 - c. Minor changes were made to clarify the reason the equipment/material is on the list.
- 6. Attachment E – CS Standardized Equipment/Materials List
 - a. This is a new attachment to the policy.

The red line and clean versions of the policy and attachments are attached for the Board’s reference. If approved by the Board, the revised policy will be reviewed again in May 2027. A discussion of the major changes to the equipment lists follows below.

CIP Standardized Equipment List

The equipment from the 2021 CIP Standardized Equipment List will remain on the 2024 CIP Standardized Equipment List with one exception. Staff evaluated the list and determined that the following equipment no longer meets the standards in the Standardized Equipment Selection Criteria and should be removed from the 2024 CIP Standardized Equipment List.

Gas Monitoring Systems – Gas monitoring systems are critical to maintaining a safe environment for staff, equipment, and processes. They measure levels of combustible gases, hydrogen sulfide, ammonia, and/or oxygen. Staff previously standardized units manufactured by Mining Safety Appliances Company (MSA) to match existing equipment. However, since the COVID-19 pandemic, MSA replacement gas sensors and parts have been experiencing exceptionally long procurement times which has made systems more difficult to maintain. Therefore, staff believes it is prudent to no longer standardize MSA gas monitoring systems and is recommending removing them from the 2024 CIP Standardized Equipment List.

FMC Standardized Equipment List

The equipment from the 2021 FMC Standardized Equipment List will remain on the 2024 FMC Standardized Equipment/Materials List. Staff evaluated new equipment and materials using the FMC Standardized Equipment Selection Criteria and recommends including the following on the 2024 FMC Standardized Equipment/Materials List.

Cogeneration Engines – Major components and rebuild parts required to maintain the two existing cogeneration engines are proprietary to Jenbacher/INNIO Group and can only be procured through a sole distributor, Western Energy Systems.

Cogeneration Heat Recovery Boilers – The two existing heat recovery boilers were custom built and major components/parts required to maintain them are proprietary to Enalco and can only be procured through a sole distributor, Bolden Energy Systems.

CS Standardized Equipment/Materials List

The CS Workgroup has been maintaining a separate Standardized Equipment/Materials List to purchase equipment and materials that are required for performing routine preventive maintenance and repairs to the collection system. The Executive Team had previously reviewed CS's requests and approved equipment/materials to be included on this list. To formalize the process, staff recommends incorporating the CS Standardized Equipment/ Materials List into the policy.

The CS Standardized Equipment/Materials Selection Criteria was developed by staff to evaluate which equipment/materials for the CS Standardized Equipment/Materials List. The Selection Criteria consists of review to determine if equipment/materials meets one of the following: (a) proprietary in nature, (b) restricted to one vendor in the service area assigned by the manufacturer, (c) determined that certain manufacturers' parts have a better cost-to-service life ratio, (d) parts already identified as part of the CIP Standardized Equipment List, or (e) supported by a vendor that provides quicker turnaround where time is an important factor.

The CS Procedures will provide guidelines for CS Staff to evaluate equipment and materials to be included in the CS Standardized Equipment/Materials List. These procedures are similar to the CIP and FMC Procedures that were previously approved by the Board.

The CS Standardized Equipment/Materials List includes equipment and materials that met one of the five selection criteria and was previously approved by the Executive Team. The need for the CS Workgroup to standardize these equipment/materials still exists so staff recommends approving this list with the policy.

Background

California Public Contract Code Section 3400 stipulates that public agencies drafting specifications for bids in connection with public works projects shall include the words "or equal" when calling for a designated product by specific brand name so that bidders may furnish any equal product. If the agency is aware of an equal product, the Public Contract Code requires that the product be named in the specification.

The above requirement is not applicable if the agency's awarding authority, or its designee, finds that a particular product is designated by a specific brand name for any of the following purposes:

1. Make a field test or experiment to determine the product's suitability for future use.
2. Match other products in use at a particular public improvement either completed or in the course of completion.
3. Obtain a necessary item that is only available from one source.

4. Respond to an emergency declared by a local agency, but only if the declaration is approved by a four-fifths vote of the governing board of the local agency issuing the invitation for bid or request for proposals.
5. Respond to an emergency declared by the state, a state agency, or political subdivision of the state, but only if the facts setting forth the reasons for the finding of the emergency are contained in the public records of the authority issuing the invitation for bid or request for proposals.

Staff has standardized certain mechanical, electrical, and instrumentation equipment and materials to single manufacturers for a variety of reasons. These include proven equipment reliability and quality; equipment capability to address specific operational or maintenance issues; substantial training costs invested by staff to operate and maintain the specialized equipment; matching existing equipment to reduce spare parts inventory and training on multiple equipment types; equipment and materials only being available from one source; and availability of affordable parts.

Prior to 2008, staff requested the Board approve standardized equipment/materials as needed for each project. The same equipment/materials are often standardized for multiple projects at the treatment plant and pump stations.

In 2008, staff developed the Standardized Equipment Guidelines and established a Standardized Equipment List to be utilized for all District projects. The Guidelines included the selection criteria for evaluating equipment to be considered for the Standardized Equipment List and the process for reviewing and approving the List every three years.

In 2014, due to an update of the Purchasing Policy, staff created new Policy No. 2760 that incorporated the Standardized Equipment Guidelines and the process to update the Standardized Equipment List.

In 2021, staff revised Policy No. 2760 to incorporate the FMC Standardized Equipment List, selection criteria, and procedures.

Previous Board Action

August 25, 2008, the Board approved the Standardized Equipment Guidelines and the Standardized Equipment List for District projects for a period of three years.

September 26, 2011, the Board renewed its approval of the Standardized Equipment Guidelines and the Standardized Equipment List.

December 8, 2014, the Board adopted a resolution to approve new Policy No. 2760 and the Standardized Equipment List.

January 8, 2018, the Board adopted a resolution to approve revised Policy No. 2760 and the Standardized Equipment List.

April 12, 2021, the Board adopted a resolution to approve revised Policy No. 2760 and the Standardized Equipment List.

Attachments

1. Policy 2760, Standardized Equipment Policy - Red Line Version
2. Policy 2760, Standardized Equipment Policy - Clean Version
3. Resolution

Union Sanitary District Policy

Effective date: April 12, 2021 May 13, 2024	Standardized Equipment/Materials Policy (CIP, and FMC, and CS)	Policy Number 2760 Page 1 of 48
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Policy

This policy is established to provide the guidelines for maintaining and approving separate Standardized Equipment/~~Materials~~ Lists for CIP, ~~and~~ FMC, and CS, and the procedures for evaluating equipment ~~and materials~~ for inclusion ~~in the list on these lists~~.

Purpose

The District's operating and maintenance staff has standardized certain equipment ~~and materials~~ to single manufacturers to include proven equipment reliability and quality; equipment capability to address specific operational or maintenance issues; substantial training costs invested by staff to operate and maintain the specialized equipment; matching existing equipment to reduce spare parts inventory and training on multiple equipment types; ~~equipment and materials only being available from one source~~; and availability of affordable parts.

The purpose of this policy is to:

- Set the guidelines for evaluating the equipment ~~and materials~~ to be included in the Standardized Equipment/~~Materials~~ Lists.
- Provide a process for the District to review the current Standardized Equipment/~~Materials~~ Lists and to update the lists every three (3) years ("Three-Year Review") and approve the new Standardized Equipment/~~Materials~~ Lists.
- Provide an approval process for the District's General Manager, or his or her designee, to review staff's recommendation for changes to the guidelines and the Standardized Equipment/~~Materials~~ Lists prior to the next Three-Year Review.

Definitions

California Public Contract Code (PCC)

The Public Contract Code enacted by the California State Legislature, which consists of all public contract law, to achieve the following objectives:

- (a) To clarify the law with respect to competitive bidding requirements.
- (b) To ensure full compliance with competitive bidding statutes as a means of protecting the public from misuse of public funds.

- (c) To provide all qualified bidders with a fair opportunity to enter the bidding process, thereby stimulating competition in a manner conducive to sound fiscal practices.
- (d) To eliminate favoritism, fraud, and corruption in the awarding of public contracts.

<i>Project</i>	Any construction, reconstruction, alteration, enlargement, renewal, or replacement of District owned facilities or property.
<i>Sole Source</i>	A company contracted, without competition, to be the sole supplier of a product or service.
<i>CIP Staff</i>	The District’s Engineering Staff.
<i>FMC Staff</i>	The District’s Plant and Pump Station Maintenance Staff.
<i>CS Staff</i>	The District’s Collection Services Staff.
<i>CIP Standardized Equipment List</i>	The list of equipment approved by the Union Sanitary District pursuant to this policy that can be identified in a project’s technical specifications to a single manufacturer and/or equipment model or model family. This is sometimes referred to as “sole sourcing” equipment. The District can, but is not obligated to, specify the equipment from the Standardized Equipment List in a project’s technical specifications.
<i>CIP Standardized Equipment Selection Criteria</i>	Selection criteria developed by CIP Staff to evaluate equipment that either (a) matches existing equipment already used on District facilities or (b) is only available from one manufacturer source, as set forth in Public Contract Code 3400. Selection criteria are set forth in Attachment C.
<i>FMC Standardized Equipment/ Materials List</i>	The list of equipment and materials approved by the Union Sanitary District pursuant to this policy that can be identified in a purchase order’s technical requirements to a single manufacturer and/or equipment model or model family. This is sometimes referred to as “sole sourcing” equipment or materials . The District can, but is not obligated to, purchase the equipment and materials from the FMC Standardized Equipment/ Materials List.
<i>FMC Standardized Equipment/ Materials Selection Criteria</i>	Selection criteria developed by FMC Staff to evaluate equipment and materials . The Selection Criteria consists of review to determine if the equipment/ materials meets one of the following:

(a) proprietary in nature, (b) restricted to one vendor in the service area assigned by the manufacturer, (c) determined that certain manufacturers' parts have a better cost-to-service life ratio, (d) parts already identified as part of the CIP Standardized Equipment List, or (e) supported by a vendor that provides a quicker turnaround where time is an important factor.

*CS Standardized Equipment/
Materials List*

The list of equipment and materials approved by the Union Sanitary District pursuant to this policy that can be identified in a purchase order's technical requirements to a single manufacturer and/or equipment model or model family. This is sometimes referred to as "sole sourcing" equipment or materials. The District can, but is not obligated to, purchase the equipment and materials from the CS Standardized Equipment/Materials List.

*CS Standardized Equipment/
Materials Selection Criteria*

Selection criteria developed by CS Staff to evaluate equipment and materials. The Selection Criteria consists of review to determine if the equipment/materials meets one of the following: (a) proprietary in nature, (b) restricted to one vendor in the service area assigned by the manufacturer, (c) determined that certain manufacturers' parts have a better cost-to-service life ratio, (d) parts already identified as part of the CIP Standardized Equipment List, or (e) supported by a vendor that provides a quicker turnaround where time is an important factor.

CIP Procedures

Staff shall utilize the following guidelines for evaluating the equipment to be included in the CIP Standardized Equipment List:

1. The Standardized Equipment List was initially developed by Staff through evaluating the District's equipment that met the Standardized Equipment Selection Criteria.
2. Every three years, Staff shall review the Standardized Equipment List and determine whether the equipment on the list continues to meet the standards set forth in the Standardized Equipment Selection Criteria and whether new equipment shall be considered to be included on the list.
3. If the evaluation determines that the equipment on the Standardized Equipment List no longer meets the standards in the Standardized Equipment Selection Criteria, Staff shall recommend the equipment be deleted from the list. If Staff determines that the equipment on the list still meets the standards in the Standardized Equipment Selection Criteria, no changes to the list shall be recommended.

4. At the Three-Year Review, if a Staff member requests to include new equipment on the Standardized Equipment List, he or she shall notify the Capital Improvement Project (CIP) Coach. The CIP Coach will evaluate the request to ensure compliance with Section 3400 of the California Public Contract Code and the Standardized Equipment Selection Criteria.
 - a. If the evaluation determines the request is viable, the CIP Coach shall recommend to the Executive Team to standardize the equipment and amend the Standardized Equipment List to include the new equipment. If the Executive Team approves the recommendation, staff shall proceed with a final recommendation to the Board of Directors for approval consideration.
 - b. If the evaluation determines the request to be not viable, the CIP Coach will report back to the requester(s) with the reason(s) the request was denied. The CIP Coach will discuss with the requester feasible options that meet the equipment and requester's needs.
5. Staff has recommended the Standardized Equipment List in Attachment A for this Three-Year Review, which is approved together with this policy. Staff shall utilize the List for three years, after which these guidelines shall be repeated.
6. Prior to the next Three-Year Review, Staff may request new equipment to be sole sourced to accommodate project needs. The CIP Coach shall evaluate the request to ensure compliance with Section 3400 of the California Public Contract Code and the Standardized Equipment Selection Criteria.
 - a. If the evaluation determines the request is viable, the CIP Coach shall recommend to the Executive Team whether to sole source the equipment for the current project only or to amend the Standardized Equipment List to include the new equipment. If the Executive Team agrees with the recommendation, the CIP Coach shall proceed with a recommendation to the General Manager or his or her designee for approval consideration. If the General Manager or his or her designee, in consultation with District Legal Counsel, approves the request, the project specifications and/or the Standardized Equipment List shall be amended to include the new equipment. If the General Manager or his or her designee denies the request, the CIP Coach will proceed with 6(b) below.
 - b. If the evaluation determines the request to be not viable, the CIP Coach will report back to the requester(s) with the reason(s) the request was denied. The CIP Coach will discuss with the requester possible options that meet the equipment and requester's needs. After the discussion, the CIP Coach shall coordinate with the design consultant to ensure the specification is drafted with performance requirements that will meet the District's needs and to include "or equal" in the specification. The CIP Coach will also ensure the specification is not proprietary in nature that could exclude all but one manufacturer.
7. When an invitation for bids or request for proposals is issued with sole sourced or standardized equipment, the General Manager or his or her designee shall include the finding required by Public Contract Code 3400(c) that the material, product, service or

thing is designated for one of the following purposes: (a) in order to match other products in use on a particular public improvement either completed or in the course of completion; or (b) in order to obtain a necessary item that is only available from one source.

8. If concerns emerge over approved sole sourced or standardized equipment, the General Manager or his or her designee is authorized under Public Contract Code Section 3400 to issue an invitation for bids or request for proposals that a particular material, product, thing, or service designated by specific brand or trade name in order that a field test or experiment may be made to determine the product's suitability for future use.
9. The Technical Services Workgroup will be responsible in its entirety for the maintenance and upkeep of the CIP Standardized Equipment List.

FMC Procedures

Staff shall utilize the following guidelines for evaluating the equipment [and materials](#) to be included in the FMC Standardized Equipment/[Materials](#) List:

1. The FMC Standardized Equipment/[Materials](#) List was initially developed by Staff through evaluating the District's equipment [and materials](#) that met the FMC Standardized Equipment/[Materials](#) Selection Criteria.
2. Every three years, Staff shall review the FMC Standardized Equipment/[Materials](#) List and determine whether the equipment [or materials](#) on the list continues to meet the standards set forth in the FMC Standardized Equipment/[Materials](#) Selection Criteria and whether new equipment [or materials](#) shall be considered to be included on the list.
3. If the evaluation determines that the equipment [or materials](#) on the FMC Standardized Equipment/[Materials](#) List no longer meets the standards in the FMC Standardized Equipment/[Materials](#) Selection Criteria, Staff shall recommend the equipment [or materials](#) be deleted from the list. If Staff determines that the equipment [or materials](#) on the list still meets the standards in the FMC Standardized Equipment/[Materials](#) Selection Criteria, no changes to the list shall be recommended.
4. At the Three-Year Review, if a Staff member requests to include new equipment [or materials](#) on the FMC Standardized Equipment/[Materials](#) List, he or she shall notify the FMC Coach. The FMC Coach will evaluate the request to ensure compliance with FMC Standardized Equipment/[Materials](#) Selection Criteria.
 - a. If the evaluation determines the request is viable, the FMC Coach shall recommend to the Executive Team to standardize the equipment [or materials](#) and amend the FMC Standardized Equipment/[Materials](#) List to include the new equipment [or materials](#). If the Executive Team approves the recommendation, staff shall proceed with a final recommendation to the Board of Directors for approval consideration.
 - b. If the evaluation determines the request to be not viable, the FMC Coach will report back to the requester(s) with the reason(s) the request was denied. The FMC Coach

- will discuss with the requester feasible options that meet the equipment and/or requester's needs.
5. Staff has recommended the FMC Standardized Equipment/[Materials](#) List in Attachment D for this Three-Year Review, which is approved together with this policy. Staff shall utilize the List for three years, after which these guidelines shall be repeated.
 6. Prior to the next Three-Year Review, Staff may request new equipment [or materials](#) to be sole sourced to accommodate project needs. The FMC Coach shall evaluate the request to ensure compliance with the FMC Standardized Equipment/[Materials](#) Selection Criteria.
 - a. If the evaluation determines the request is viable, the FMC Coach shall recommend to the Executive Team whether to sole source the equipment [or materials](#) for the current project only or to amend the FMC Standardized Equipment/[Materials](#) List to include the new equipment [or materials](#). If the Executive Team agrees with the recommendation, the FMC Coach shall proceed with a recommendation to the General Manager or his or her designee for approval consideration. If the General Manager or his or her designee, in consultation with District Legal Counsel, approves the request, the purchase order's technical requirements and/or the FMC Standardized Equipment/[Materials](#) List shall be amended to include the new equipment [or materials](#). If the General Manager or his or her designee denies the request, the FMC Coach will proceed with 6(b) below.
 - b. If the evaluation determines the request to be not viable, the FMC Coach will report back to the requester(s) with the reason(s) the request was denied. The FMC Coach will discuss with the requester possible options that meet the equipment and/or requester's needs.
 7. The FMC Workgroup will be responsible in its entirety for the maintenance and upkeep of the FMC Standardized Equipment/[Materials](#) List.

[CS Procedures](#)

Staff shall utilize the following guidelines for evaluating the equipment and materials to be included in the CS Standardized Equipment/[Materials](#) List:

1. The CS Standardized Equipment/[Materials](#) List was initially developed by Staff through evaluating the District's equipment and materials that met the CS Standardized Equipment/[Materials](#) Selection Criteria.
2. Every three years, Staff shall review the CS Standardized Equipment/[Materials](#) List and determine whether the equipment or materials on the list continues to meet the standards set forth in the CS Standardized Equipment/[Materials](#) Selection Criteria and whether new equipment or materials shall be considered to be included on the list.
3. If the evaluation determines that the equipment or materials on the CS Standardized Equipment/[Materials](#) List no longer meets the standards in the CS Standardized Equipment/[Materials](#) Selection Criteria, Staff shall recommend the equipment or

materials be deleted from the list. If Staff determines that the equipment or materials on the list still meets the standards in the CS Standardized Equipment/Materials Selection Criteria, no changes to the list shall be recommended.

4. At the Three-Year Review, if a Staff member requests to include new equipment or materials on the CS Standardized Equipment/Materials List, he or she shall notify the CS Coach. The CS Coach will evaluate the request to ensure compliance with CS Standardized Equipment/Materials Selection Criteria.
 - a. If the evaluation determines the request is viable, the CS Coach shall recommend to the Executive Team to standardize the equipment or materials and amend the CS Standardized Equipment/Materials List to include the new equipment or materials. If the Executive Team approves the recommendation, staff shall proceed with a final recommendation to the Board of Directors for approval consideration.
 - b. If the evaluation determines the request to be not viable, the CS Coach will report back to the requester(s) with the reason(s) the request was denied. The CS Coach will discuss with the requester feasible options that meet the equipment and/or requester's needs.
5. Staff has recommended the CS Standardized Equipment/Materials List in Attachment D for this Three-Year Review, which is approved together with this policy. Staff shall utilize the List for three years, after which these guidelines shall be repeated.
6. Prior to the next Three-Year Review, Staff may request new equipment or materials to be sole sourced to accommodate project needs. The CS Coach shall evaluate the request to ensure compliance with the CS Standardized Equipment/Materials Selection Criteria.
 - a. If the evaluation determines the request is viable, the CS Coach shall recommend to the Executive Team whether to sole source the equipment or materials for the current project only or to amend the CS Standardized Equipment/Materials List to include the new equipment or materials. If the Executive Team agrees with the recommendation, the CS Coach shall proceed with a recommendation to the General Manager or his or her designee for approval consideration. If the General Manager or his or her designee, in consultation with District Legal Counsel, approves the request, the purchase order's technical requirements and/or the CS Standardized Equipment/Materials List shall be amended to include the new equipment or materials. If the General Manager or his or her designee denies the request, the CS Coach will proceed with 6(b) below.
 - b. If the evaluation determines the request to be not viable, the CS Coach will report back to the requester(s) with the reason(s) the request was denied. The CS Coach will discuss with the requester possible options that meet the equipment and/or requester's needs.
7. The CS Workgroup will be responsible in its entirety for the maintenance and upkeep of the CS Standardized Equipment/Materials List.

Employee Responsibility

Employees are responsible for adhering to the procedures established by this policy and requesting Management approval whenever they have recommendations for changes to the guidelines and the Standardized Equipment/[Materials](#) Lists.

Management Responsibility

Management is responsible for ensuring that this policy is followed and that the Standardized Equipment/[Materials](#) Lists are reviewed and approved by the Board of Directors every three years.

References and Notes

- Attachment A – CIP ~~2021~~ 2024 Standardized Equipment List
- Attachment B – California Public Contract Code Section 3400
- Attachment C – CIP Standardized Equipment Selection Criteria
- Attachment D – FMC ~~2021~~ 2024 Standardized Equipment/[Materials](#) List
- [Attachment E – CS 2024 Standardized Equipment/\[Materials\]\(#\) List](#)

Approved by: Board of Directors, ~~April 12, 2021~~ May 13, 2024

Author/owner: CIP Coach, ~~and~~ FMC Coach, and CS Coach

Reviewers: Executive Team

Notify Person: CIP Coach, ~~and~~ FMC Coach, and CS Coach

Revision frequency: Every three years

Next Review: ~~April 12, 2024~~ May 13, 2027

Attachment A – CIP ~~2021-2024~~ STANDARDIZED EQUIPMENT LIST
Board Approval Date – ~~April 12, 2021~~ May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Plug Valves (4-inch diameter and greater)	Dezurik	Eccentric Plug Valves (PEC)	640770+	\$ 3,000 3,650	<p>Plug valves are used to isolate the flow of water, wastewater, sludge, and grit at District facilities. They have a simple operation and are typically more economical than other types of valves.</p> <p>Staff has previously used plug valves by other manufacturers but found the Dezurik plug valves would match existing equipment and are to be more reliable and durable. Maintenance staff has also received very good customer support from the local sales representative.</p>

Attachment A – CIP ~~2021-2024~~ STANDARDIZED EQUIPMENT LIST
 Board Approval Date – ~~April 12, 2021~~ May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Air / Vacuum Relief Valves	Vent-O-Mat	RGX Series	36	\$ 6,000 7,300	<p>The a Air / vacuum relief valves are important components in the operation and maintenance of the twin force main pipelines. Along with the surge towers located at Newark and Irvington Pump Stations, the air / vacuum relief valves reduce the effects of water hammer (sudden changes in the flow rate of wastewater) in the twin force main pipelines.</p> <p>Staff has previously used air / vacuum relief valves by other manufacturers but found the Vent-O-Mat units air / vacuum relief valves would match existing equipment and are more reliable to function more reliably and are easier to maintain when compared with other manufacturers.</p>

Attachment A – CIP ~~2021~~2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – ~~April 12, 2021~~May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Wastewater Centrifugal Pumps and Motors	Wemco	Wemco-Hidrosta Dry-Pit Submersible Screw-Centrifugal Impeller Pump	20 13	\$60,000 73,000 to \$110,000 134,000 depending on the pump size	<p>In 1998, staff conducted an in-depth analysis of the dry-pit submersible pumps and motors prior to the Alvarado Influent Pump Station Expansion Project to address problems, such as clogging, high vibrations, and limited operating range associated with the old line-shaft pumps. The analysis included a comparison of pumps from other manufacturers.</p> <p>Based on the results of the analysis, staff selected Wemco as the sole-source supplier for the raw wastewater pumps and motors for the Alvarado Influent Pump Station. Staff has subsequently standardized to the Wemco pumps and matched existing equipment at the Irvington Pump Station, Newark Pump Station, and Boyce Road Lift Station.</p>

Attachment A – CIP ~~2021~~2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – ~~April 12, 2021~~May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Centrifugal Pumps and Motors (sludge mixing pumps)	Wemco	Wemco-Hidrostal Screw-Centrifugal Impeller Pump	7	\$ 90,000 110,000	<p>The originalPrevious sludge mixing pumps did not perform well due to its their inability to pass large clumps of rags. This resulted in a limited mixing operation, which increased the risk of a large mat formation in the digester and created operational problems with mixing and generation of methane gas. This also caused operations staff to frequently take the pumps out of service in order to remove the rags that are caught in the pumps.</p> <p>Based on the success with the non-clog capabilities of the Wemco-Hidrostal dry-pit submersible screw-centrifugal impeller pumps at the wastewater pump stations, staff decided to replace the existing sludge mixing pump at Primary Digester No. 2 with the Wemco-Hidrostal-Screw-Centrifugal Impeller Pumps screw-centrifugal impeller pump in 2003. Due to this success, staff has standardized the Staff has subsequently standardized to the Wemco pumps and matched existing equipment for the other sludge mixing pumps at the primary digesters to the Wemco units.</p>

Attachment A – CIP ~~2021~~2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – ~~April 12, 2021~~May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Recessed Impeller Pumps (sludge pumping pumps)	Wemco Pump	Model C Recessed Impeller Pump	16 18	\$ 50,000 60,000	<p>The Wemco Model C recessed impeller pumps were first installed at the District during the in 1991 Interim Improvements Project to pump primary sludge from the primary clarifiers. These pumps are still in operation due to their ability to pass fibrous and stringy materials, good operational reliability, and ease of maintenance.</p> <p>Due to the Wemco Model C's ability to pass fibrous and stringy materials with the sludge, good operational reliability, and ease of maintenance, staff also installed them as Staff has subsequently standardized to the Wemco pumps and matched existing equipment for the sludge recirculation pumps at the primary digesters.</p>

Attachment A – CIP ~~2021~~2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – ~~April 12, 2021~~May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Chemical Metering Pumps	Milton Roy	Milroyal B High Performance Diaphragm Pump	1618	\$ 18,000 22,000	<p>Metering pumps are used to deliver chemicals for various plant treatment processes such as effluent disinfection and odor control at the plant and remote pump stations. The District has been using Milton Roy metering pumps for dispensing chemicals since the late 1980s.</p> <p>Based on the historical success of these pumps and to match the other metering pumps at the District, on November 23, 2015, the Board approved staff to specify Milton Roy as the sole source manufacturer/supplier for the six replacement chemical Staff has subsequently standardized to the Milton Roy pumps and matched existing equipment for the metering pumps located at the Odor Control Building, and Maintenance Building Shop Building, Iron Salts, and Irvington Pump Station chemical facilities. for the Chemical Tanks and Piping Replacement Project. Staff selected the Milton Roy units as the pumps continue to have very few maintenance and operational issues.</p>

Attachment A – CIP ~~2021-2024~~ STANDARDIZED EQUIPMENT LIST
 Board Approval Date – ~~April 12, 2021~~ May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Motorized Valve Operators	Rotork	IQ Series	230 250+	\$ 10,000 12,000	<p>Typically, staff has installed mMotorized valve operators are typically installed on all valves and gates that require many turns of the stem to fully open or close, are inaccessible, and / or require automatic control. The mMotorized valve operators allow staff to actuate the valves and gates much quicker and in a safe manner.</p> <p>Staff has previously used motorized valve operators by other manufacturers but found the Rotork units to be more and the customer service more responsive and dependable. Rotork motorized valve operators would match existing equipment and are reliable and durable.</p>

Attachment A – CIP ~~2021~~2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – ~~April 12, 2021~~May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Gas Monitoring Systems	Mining Safety Appliances Company (MSA)	Ultima Series	19	\$13,000 to \$23,000	<p>Gas monitoring systems are required by the National Fire Protection Association and the National Electrical Code to be installed in areas where combustible gases may be present. Additionally, gas monitoring systems are installed in areas where staff may have exposure to hydrogen sulfide gases. The gas monitoring systems typically measure levels of combustible gases, hydrogen sulfide, ammonia, and / or oxygen. The systems are critical to maintaining a safe environment for staff, equipment, and processes.</p> <p>Staff has found the MSA units more reliable and the gas sensors easier to calibrate.</p> <p>The average unit cost ranges from a unit with one controller and one sensor to a unit with one controller and four sensors.</p>

Attachment A – CIP ~~2021-2024~~ STANDARDIZED EQUIPMENT LIST
Board Approval Date – ~~April 12, 2021~~ May 13, 2024

<p>Programmable Logic Controllers (PLC)</p>	<p>Allen Bradley</p>	<p>Logix Series of Controllers, and Associated Support Hardware and Software</p>	<p>3436</p>	<p>\$15,000 to \$25,000 (hardware cost only; does not include enclosures, installation, wire terminations, and programming)</p>	<p>PLCs are located at every plant process building and the remote pump and lift stations and are critical to the operation of the District’s facilities. They provide automatic controls of the equipment by continuously monitoring and adjusting the equipment’s operating parameters as flow or process conditions vary.</p> <p>The Allen Bradley PLCs would match existing equipment and have has advanced communication and networking technologies and is are easier to program and troubleshoot. Staff has been extremely pleased with the Allen Bradley PLC.</p> <p>The Allen Bradley Logix series of controllers has seven models depending on the complexity of the system being monitored and controlled. The ControlLogix controller is the most robust and staff will utilize this controller in most of the District’s applications. However, there will be some small to mid-size applications where the CompactLogix controller system would serve the need and is more cost effective.</p>
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Attachment A – CIP ~~2021~~2024 STANDARDIZED EQUIPMENT LIST

Board Approval Date – ~~April 12, 2021~~May 13, 2024

					PLCs from other manufacturers would require different programming and configuration software than those for the Allen Bradley units. It is important that the PLC's are standardized to Allen Bradley since staff has already invested many training hours to learn the programming of the units.
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Attachment A – CIP ~~2021-2024~~ STANDARDIZED EQUIPMENT LIST
Board Approval Date – ~~April 12, 2021~~ May 13, 2024

<p align="center">Aeration Blowers</p>	<p align="center">APG-Neuros</p>	<p align="center">NX Series Turbo Blower</p>	<p align="center">15</p>	<p align="center">\$500,000600,000</p>	<p>The secondary treatment process consumes the most energy of any plant process because large aeration blowers continuously deliver air to the aeration basins.</p> <p>In 2016, the High Speed Aeration Blower Project installed the plant's first APG-Neuros turbo blower and in 2018. Since this project, an evaluation of it confirmed it that the APG-Neuros turbo blower was more energy efficient than the existing centrifugal blowers.</p> <p>Based on this success, staff would like to replace the remaining centrifugal blowers with turbo blowers to realize additional energy savings. Staff has subsequently standardized to the APG-Neuros turbo blowers and matched existing equipment for the other aeration blowers. Standardizing the turbo blowers will reduce the complexity of the aeration system controls and reduce O&M costs.</p>
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Attachment A – CIP ~~2021-2024~~ STANDARDIZED EQUIPMENT LIST
Board Approval Date – ~~April 12, 2021~~ May 13, 2024

<p align="center">Ultrasonic Level Sensors and Controllers</p>	<p align="center">Pulsar Measurement</p>	<p align="center">Sensor: dB Series Transducer Controller: Blackbox 130 Controller</p>	<p align="center">78</p>	<p align="center">\$2,5003,000</p>	<p>Ultrasonic level sensors and controllers are used to measure the liquid levels inside chemical tanks. Accurate tank level readings are important to allow staff to efficiently manage the chemical inventory at the plant.</p> <p>Staff found the Pulsar Measurement ultrasonic level sensors and controllers reliable and easy to calibrate. Further, standardizing this equipment will reduce operation and maintenance costswould match existing equipment and are more reliable and easier to calibrate when compared with other manufacturers.</p>
<p align="center">Dissolved Oxygen Sensors and Controllers</p>	<p align="center">Hach Company</p>	<p align="center">Sensor: LDO sc Luminescent Dissolved Oxygen Sensor Controller: SC200 Controller</p>	<p align="center">13</p>	<p align="center">\$5,0006,000</p>	<p>The dDissolved oxygen sensors and controllers are important instruments to monitor the oxygen levels in the aeration tanks.</p> <p>Staff found the Hach Company dissolved oxygen sensors and controllers reliable and easy to calibrate. Further, standardizing this equipment will reduce operation and maintenance costs would match existing equipment and are more reliable and easier to calibrate when compared with other manufacturers.</p>

Attachment A – CIP ~~2021-2024~~ STANDARDIZED EQUIPMENT LIST
Board Approval Date – ~~April 12, 2021~~ May 13, 2024

<p align="center">Chlorine Analyzers and Controllers</p>	<p align="center">Hach Company</p>	<p>Analyzer: CLT10sc Total Chlorine Analyzer or CLF10sc Free Chlorine Analyzer</p> <p>Controller: SC200 Controller</p>	<p align="center">3</p>	<p align="center">\$5,0006,000</p>	<p>Chlorine analyzers and controllers are used at the chlorine contact basin to monitor the level of the chlorine disinfectant in the final effluent. This is important as it ensures that the plant is meeting its National Pollutant Discharge Elimination System (NPDES) permit requirements.</p> <p>Staff found the Hach Company chlorine analyzers and controllers reliable and easy to calibrate. Further, standardizing this equipment will reduce operation and maintenance costs. would match existing equipment and are more reliable and easier to calibrate when compared with other manufacturers.</p>
<p align="center">Magnetic Flow Meters and Flow Meter Transmitters</p>	<p align="center">Emerson Electric Co.</p>	<p>Flow Meter: Rosemount 8705 Series Flanged Magnetic Flow Meter</p> <p>Flow Meter Transmitter: Rosemount 8712 Series Magnetic Flow Meter Transmitter</p>	<p align="center">4</p>	<p align="center">\$15,00018,000</p>	<p>The mMagnetic flow meters and transmitters are used at the secondary clarifiers to measure the flow of return activated sludge.</p> <p>Staff found the Emerson/Rosemount magnetic flow meters and transmitters reliable and easy to calibrate. Further, standardizing this equipment will reduce operation and maintenance costs would match existing equipment and are more reliable and easier to calibrate when compared with other manufacturers.</p>

Attachment A – CIP ~~2021~~2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – ~~April 12, 2021~~ May 13, 2024

Pressure Transmitters	Emerson Electric Co.	Rosemount 3051 Series Pressure Transmitter	68	\$ 5,000 6,000	<p>Pressure transmitters are used to record the sludge level inside the plant’s primary digesters.</p> <p>Staff found the Emerson/Rosemount pressure transmitters reliable and easy to calibrate. Further, standardizing this equipment will reduce operation and maintenance costs would match existing equipment and are more reliable and easier to calibrate when compared with other manufacturers.</p>
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Attachment B

Section 3400 California Public Contract Code

(a) The Legislature finds and declares that it is the intent of this section to encourage contractors and manufacturers to develop and implement new and ingenious materials, products, and services that function as well, in all essential respects, as materials, products, and services that are required by a contract, but at a lower cost to taxpayers.

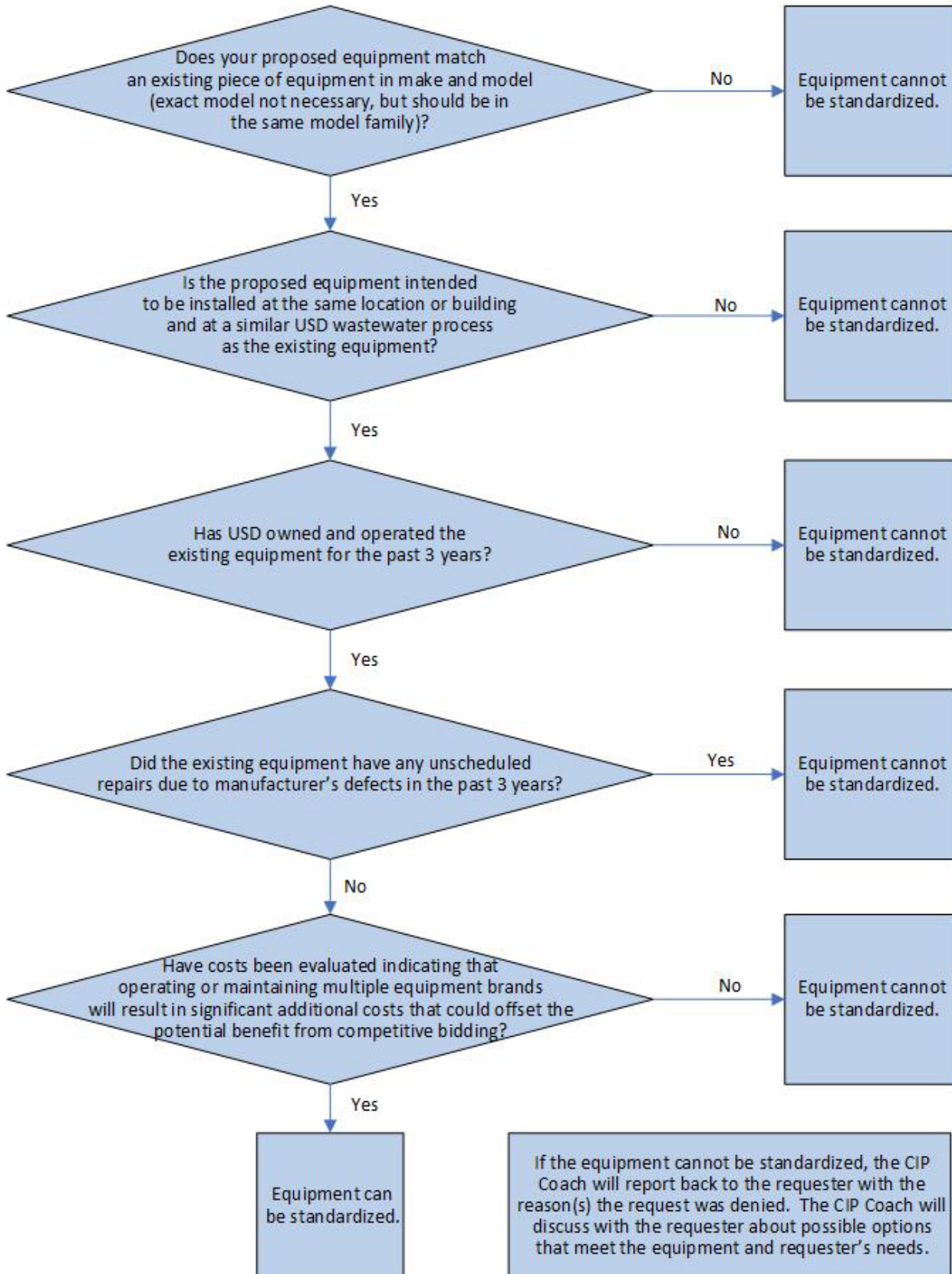
(b) No agency of the state, nor any political subdivision, municipal corporation, or district, nor any public officer or person charged with the letting of contracts for the construction, alteration, or repair of public works, shall draft or cause to be drafted specifications for bids, in connection with the construction, alteration, or repair of public works, (1) in a manner that limits the bidding, directly or indirectly, to any one specific concern, or (2) calling for a designated material, product, thing, or service by specific brand or trade name unless the specification is followed by the words "or equal" so that bidders may furnish any equal material, product, thing, or service. In applying this section, the specifying agency shall, if aware of an equal product manufactured in this state, name that product in the specification. Specifications shall provide a period of time prior to or after, or prior to and after, the award of the contract for submission of data substantiating a request for a substitution of "an equal" item. If no time period is specified, data may be submitted any time within 35 days after the award of the contract.

(c) Subdivision (b) is not applicable if the awarding authority, or its designee, makes a finding that is described in the invitation for bids or request for proposals that a particular material, product, thing, or service is designated by specific brand or trade name for any of the following purposes:

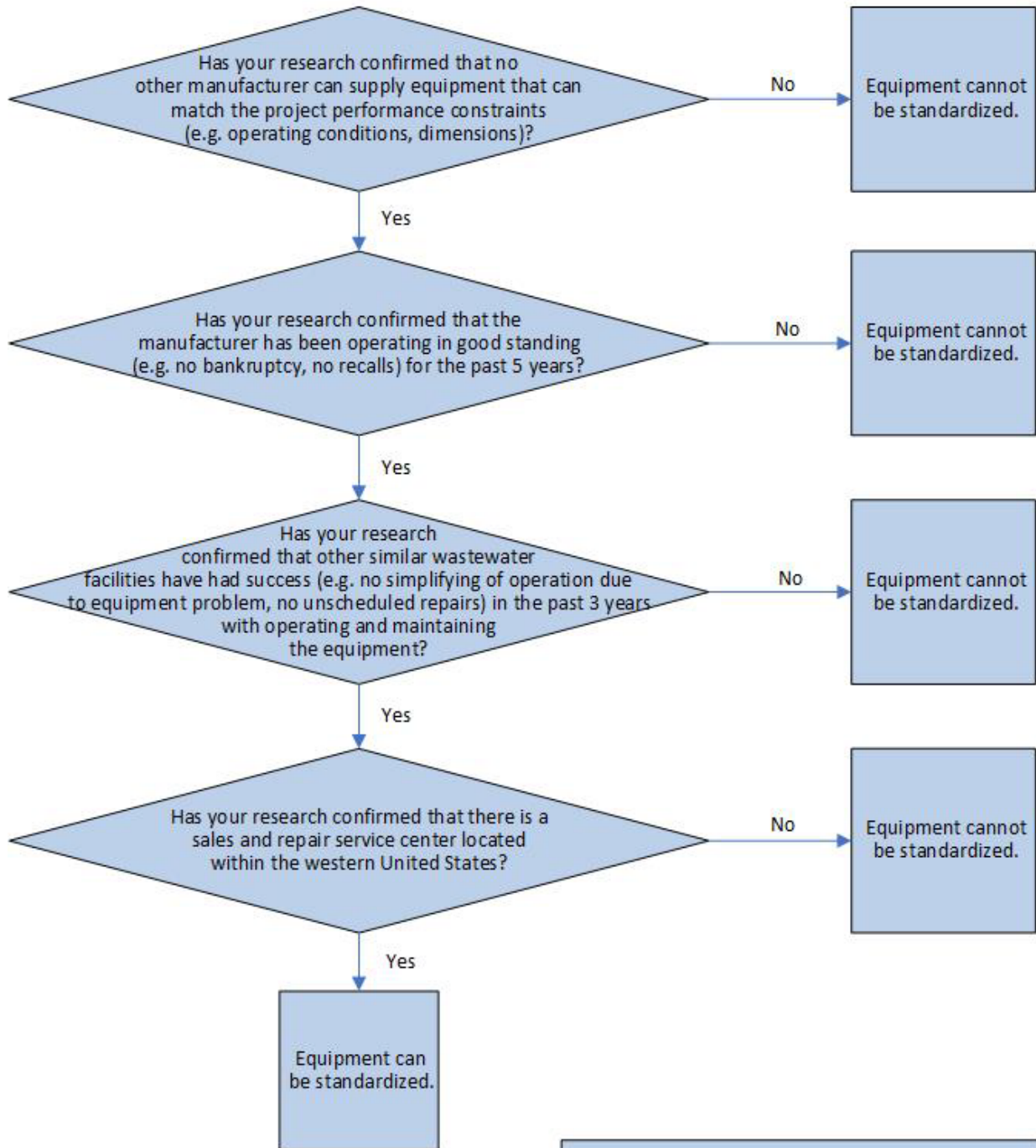
- (1) In order that a field test or experiment may be made to determine the product's suitability for future use.
- (2) In order to match other products in use on a particular public improvement either completed or in the course of completion.
- (3) In order to obtain a necessary item that is only available from one source.
- (4) (A) In order to respond to an emergency declared by a local agency, but only if the declaration is approved by a four-fifths vote of the governing board of the local agency issuing the invitation for bid or request for proposals.
(B) In order to respond to an emergency declared by the state, a state agency, or political subdivision of the state, but only if the facts setting forth the reasons for the finding of the emergency are contained in the public records of the authority issuing the invitation for bid or request for proposals.

Attachment C – CIP Standardized Equipment Selection Criteria

“Match Existing Equipment”



"Equipment Available From One Source"



If the equipment cannot be standardized, the CIP Coach will report back to the requester with the reason(s) the request was denied. The CIP Coach will discuss with the requester about possible options that meet the equipment and requester's needs.

Attachment D – FMC ~~2021-2024~~ STANDARDIZED EQUIPMENT/MATERIALS LIST
Board Approval Date – ~~April 12, 2021~~ May 13, 2024

Equipment Description	Manufacturer	Comments
Plug Valves	Dezurik	Dezurik is USD's standard equipment plug valves are on the CIP Standardized Equipment list. F.A. Olsen is the sole authorized distributor in Northern California.
Wastewater and Sludge Pumps	Wemco	Wemco Pumps are on the CIP Standardized Equipment list. Muniquip is the distributor of OEM proprietary Wemco Pump parts.
Motorized Valve Operators	Rotork	Rotork is USD's standard equipment motorized valve operators are on the CIP Standardized Equipment list. F.A. Olsen is their sole authorized municipal representative for distributor in distributor in Northern California.
Sludge Pumps	Moyno	R-2 MuniQuip is the distributor of OEM proprietary Moyno Pump parts.
Centrifuges	Andritz	Andritz is the manufacturer/distributor of OEM proprietary centrifuge parts. Proprietary.
Gravity Belt Thickeners	Ashbrook	Ashbrook is the manufacturer/distributor of OEM proprietary GBT parts and the company who installed them. Proprietary.
Grinders	JWC	JWC is the manufacturer/distributor of Muffin Monsters proprietary grinders, and no other vendor exists for replacement parts.
Sludge Degritters and Grit Washing / Dewatering	Hydro International	The Eutek SlurryCup and Grit Snail are proprietary equipment manufactured by Hydro International.
Cogeneration Engines	INNIO Group	Western Energy Systems is the distributor of proprietary Jenbacher/INNIO parts.
Cogeneration Heat Recovery Boilers	Enalco	Bolden Energy Systems is the distributor of proprietary Enalco parts.

Attachment E – CS 2024 STANDARDIZED EQUIPMENT/MATERIALS LIST
Board Approval Date – May 13, 2024

Description	Manufacturer	Comments
Sanafoam Vaporooter II	Douglas Products	WECO Industries is the sole authorized sales distributor for this proprietary root control product.

Union Sanitary District Policy

Effective date: May 13, 2024	Standardized Equipment/Materials Policy (CIP, FMC, and CS)	Policy Number 2760 Page 1 of 8
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Policy

This policy is established to provide the guidelines for maintaining and approving separate Standardized Equipment/Materials Lists for CIP, FMC, and CS, and the procedures for evaluating equipment and materials for inclusion on these lists.

Purpose

The District's operating and maintenance staff has standardized certain equipment and materials to single manufacturers to include proven equipment reliability and quality; equipment capability to address specific operational or maintenance issues; substantial training costs invested by staff to operate and maintain the specialized equipment; matching existing equipment to reduce spare parts inventory and training on multiple equipment types; equipment and materials only being available from one source; and availability of affordable parts.

The purpose of this policy is to:

- Set the guidelines for evaluating the equipment and materials to be included in the Standardized Equipment/Materials Lists.
- Provide a process for the District to review the current Standardized Equipment/Materials Lists and to update the lists every three (3) years ("Three-Year Review") and approve the new Standardized Equipment/Materials Lists.
- Provide an approval process for the District's General Manager, or his or her designee, to review staff's recommendation for changes to the guidelines and the Standardized Equipment/Materials Lists prior to the next Three-Year Review.

Definitions

California Public Contract Code (PCC)

The Public Contract Code enacted by the California State Legislature, which consists of all public contract law, to achieve the following objectives:

- (a) To clarify the law with respect to competitive bidding requirements.
- (b) To ensure full compliance with competitive bidding statutes as a means of protecting the public from misuse of public funds.

- (c) To provide all qualified bidders with a fair opportunity to enter the bidding process, thereby stimulating competition in a manner conducive to sound fiscal practices.
- (d) To eliminate favoritism, fraud, and corruption in the awarding of public contracts.

<i>Project</i>	Any construction, reconstruction, alteration, enlargement, renewal, or replacement of District owned facilities or property.
<i>Sole Source</i>	A company contracted, without competition, to be the sole supplier of a product or service.
<i>CIP Staff</i>	The District's Engineering Staff.
<i>FMC Staff</i>	The District's Plant and Pump Station Maintenance Staff.
<i>CS Staff</i>	The District's Collection Services Staff.
<i>CIP Standardized Equipment List</i>	The list of equipment approved by the Union Sanitary District pursuant to this policy that can be identified in a project's technical specifications to a single manufacturer and/or equipment model or model family. This is sometimes referred to as "sole sourcing" equipment. The District can, but is not obligated to, specify the equipment from the Standardized Equipment List in a project's technical specifications.
<i>CIP Standardized Equipment Selection Criteria</i>	Selection criteria developed by CIP Staff to evaluate equipment that either (a) matches existing equipment already used on District facilities or (b) is only available from one manufacturer source, as set forth in Public Contract Code 3400. Selection criteria are set forth in Attachment C.
<i>FMC Standardized Equipment/Materials List</i>	The list of equipment and materials approved by the Union Sanitary District pursuant to this policy that can be identified in a purchase order's technical requirements to a single manufacturer and/or equipment model or model family. This is sometimes referred to as "sole sourcing" equipment or materials. The District can, but is not obligated to, purchase the equipment and materials from the FMC Standardized Equipment/Materials List.
<i>FMC Standardized Equipment/Materials Selection Criteria</i>	Selection criteria developed by FMC Staff to evaluate equipment and materials. The Selection Criteria consists of review to determine if the equipment/materials meets one of the following:

(a) proprietary in nature, (b) restricted to one vendor in the service area assigned by the manufacturer, (c) determined that certain manufacturers' parts have a better cost-to-service life ratio, (d) parts already identified as part of the CIP Standardized Equipment List, or (e) supported by a vendor that provides a quicker turnaround where time is an important factor.

*CS Standardized Equipment/
Materials List*

The list of equipment and materials approved by the Union Sanitary District pursuant to this policy that can be identified in a purchase order's technical requirements to a single manufacturer and/or equipment model or model family. This is sometimes referred to as "sole sourcing" equipment or materials. The District can, but is not obligated to, purchase the equipment and materials from the CS Standardized Equipment/Materials List.

*CS Standardized Equipment/
Materials Selection Criteria*

Selection criteria developed by CS Staff to evaluate equipment and materials. The Selection Criteria consists of review to determine if the equipment/materials meets one of the following: (a) proprietary in nature, (b) restricted to one vendor in the service area assigned by the manufacturer, (c) determined that certain manufacturers' parts have a better cost-to-service life ratio, (d) parts already identified as part of the CIP Standardized Equipment List, or (e) supported by a vendor that provides a quicker turnaround where time is an important factor.

CIP Procedures

Staff shall utilize the following guidelines for evaluating the equipment to be included in the CIP Standardized Equipment List:

1. The Standardized Equipment List was initially developed by Staff through evaluating the District's equipment that met the Standardized Equipment Selection Criteria.
2. Every three years, Staff shall review the Standardized Equipment List and determine whether the equipment on the list continues to meet the standards set forth in the Standardized Equipment Selection Criteria and whether new equipment shall be considered to be included on the list.
3. If the evaluation determines that the equipment on the Standardized Equipment List no longer meets the standards in the Standardized Equipment Selection Criteria, Staff shall recommend the equipment be deleted from the list. If Staff determines that the equipment on the list still meets the standards in the Standardized Equipment Selection Criteria, no changes to the list shall be recommended.

4. At the Three-Year Review, if a Staff member requests to include new equipment on the Standardized Equipment List, he or she shall notify the Capital Improvement Project (CIP) Coach. The CIP Coach will evaluate the request to ensure compliance with Section 3400 of the California Public Contract Code and the Standardized Equipment Selection Criteria.
 - a. If the evaluation determines the request is viable, the CIP Coach shall recommend to the Executive Team to standardize the equipment and amend the Standardized Equipment List to include the new equipment. If the Executive Team approves the recommendation, staff shall proceed with a final recommendation to the Board of Directors for approval consideration.
 - b. If the evaluation determines the request to be not viable, the CIP Coach will report back to the requester(s) with the reason(s) the request was denied. The CIP Coach will discuss with the requester feasible options that meet the equipment and requester's needs.
5. Staff has recommended the Standardized Equipment List in Attachment A for this Three-Year Review, which is approved together with this policy. Staff shall utilize the List for three years, after which these guidelines shall be repeated.
6. Prior to the next Three-Year Review, Staff may request new equipment to be sole sourced to accommodate project needs. The CIP Coach shall evaluate the request to ensure compliance with Section 3400 of the California Public Contract Code and the Standardized Equipment Selection Criteria.
 - a. If the evaluation determines the request is viable, the CIP Coach shall recommend to the Executive Team whether to sole source the equipment for the current project only or to amend the Standardized Equipment List to include the new equipment. If the Executive Team agrees with the recommendation, the CIP Coach shall proceed with a recommendation to the General Manager or his or her designee for approval consideration. If the General Manager or his or her designee, in consultation with District Legal Counsel, approves the request, the project specifications and/or the Standardized Equipment List shall be amended to include the new equipment. If the General Manager or his or her designee denies the request, the CIP Coach will proceed with 6(b) below.
 - b. If the evaluation determines the request to be not viable, the CIP Coach will report back to the requester(s) with the reason(s) the request was denied. The CIP Coach will discuss with the requester possible options that meet the equipment and requester's needs. After the discussion, the CIP Coach shall coordinate with the design consultant to ensure the specification is drafted with performance requirements that will meet the District's needs and to include "or equal" in the specification. The CIP Coach will also ensure the specification is not proprietary in nature that could exclude all but one manufacturer.
7. When an invitation for bids or request for proposals is issued with sole sourced or standardized equipment, the General Manager or his or her designee shall include the finding required by Public Contract Code 3400(c) that the material, product, service or

thing is designated for one of the following purposes: (a) in order to match other products in use on a particular public improvement either completed or in the course of completion; or (b) in order to obtain a necessary item that is only available from one source.

8. If concerns emerge over approved sole sourced or standardized equipment, the General Manager or his or her designee is authorized under Public Contract Code Section 3400 to issue an invitation for bids or request for proposals that a particular material, product, thing, or service designated by specific brand or trade name in order that a field test or experiment may be made to determine the product's suitability for future use.
9. The Technical Services Workgroup will be responsible in its entirety for the maintenance and upkeep of the CIP Standardized Equipment List.

FMC Procedures

Staff shall utilize the following guidelines for evaluating the equipment and materials to be included in the FMC Standardized Equipment/Materials List:

1. The FMC Standardized Equipment/Materials List was initially developed by Staff through evaluating the District's equipment and materials that met the FMC Standardized Equipment/Materials Selection Criteria.
2. Every three years, Staff shall review the FMC Standardized Equipment/Materials List and determine whether the equipment or materials on the list continues to meet the standards set forth in the FMC Standardized Equipment/Materials Selection Criteria and whether new equipment or materials shall be considered to be included on the list.
3. If the evaluation determines that the equipment or materials on the FMC Standardized Equipment/Materials List no longer meets the standards in the FMC Standardized Equipment/Materials Selection Criteria, Staff shall recommend the equipment or materials be deleted from the list. If Staff determines that the equipment or materials on the list still meets the standards in the FMC Standardized Equipment/Materials Selection Criteria, no changes to the list shall be recommended.
4. At the Three-Year Review, if a Staff member requests to include new equipment or materials on the FMC Standardized Equipment/Materials List, he or she shall notify the FMC Coach. The FMC Coach will evaluate the request to ensure compliance with FMC Standardized Equipment/Materials Selection Criteria.
 - a. If the evaluation determines the request is viable, the FMC Coach shall recommend to the Executive Team to standardize the equipment or materials and amend the FMC Standardized Equipment/Materials List to include the new equipment or materials. If the Executive Team approves the recommendation, staff shall proceed with a final recommendation to the Board of Directors for approval consideration.
 - b. If the evaluation determines the request to be not viable, the FMC Coach will report back to the requester(s) with the reason(s) the request was denied. The FMC Coach

- will discuss with the requester feasible options that meet the equipment and/or requester's needs.
5. Staff has recommended the FMC Standardized Equipment/Materials List in Attachment D for this Three-Year Review, which is approved together with this policy. Staff shall utilize the List for three years, after which these guidelines shall be repeated.
 6. Prior to the next Three-Year Review, Staff may request new equipment or materials to be sole sourced to accommodate project needs. The FMC Coach shall evaluate the request to ensure compliance with the FMC Standardized Equipment/Materials Selection Criteria.
 - a. If the evaluation determines the request is viable, the FMC Coach shall recommend to the Executive Team whether to sole source the equipment or materials for the current project only or to amend the FMC Standardized Equipment/Materials List to include the new equipment or materials. If the Executive Team agrees with the recommendation, the FMC Coach shall proceed with a recommendation to the General Manager or his or her designee for approval consideration. If the General Manager or his or her designee, in consultation with District Legal Counsel, approves the request, the purchase order's technical requirements and/or the FMC Standardized Equipment/Materials List shall be amended to include the new equipment or materials. If the General Manager or his or her designee denies the request, the FMC Coach will proceed with 6(b) below.
 - b. If the evaluation determines the request to be not viable, the FMC Coach will report back to the requester(s) with the reason(s) the request was denied. The FMC Coach will discuss with the requester possible options that meet the equipment and/or requester's needs.
 7. The FMC Workgroup will be responsible in its entirety for the maintenance and upkeep of the FMC Standardized Equipment/Materials List.

CS Procedures

Staff shall utilize the following guidelines for evaluating the equipment and materials to be included in the CS Standardized Equipment/Materials List:

1. The CS Standardized Equipment/Materials List was initially developed by Staff through evaluating the District's equipment and materials that met the CS Standardized Equipment/Materials Selection Criteria.
2. Every three years, Staff shall review the CS Standardized Equipment/Materials List and determine whether the equipment or materials on the list continues to meet the standards set forth in the CS Standardized Equipment/Materials Selection Criteria and whether new equipment or materials shall be considered to be included on the list.
3. If the evaluation determines that the equipment or materials on the CS Standardized Equipment/Materials List no longer meets the standards in the CS Standardized Equipment/Materials Selection Criteria, Staff shall recommend the equipment or

materials be deleted from the list. If Staff determines that the equipment or materials on the list still meets the standards in the CS Standardized Equipment/Materials Selection Criteria, no changes to the list shall be recommended.

4. At the Three-Year Review, if a Staff member requests to include new equipment or materials on the CS Standardized Equipment/Materials List, he or she shall notify the CS Coach. The CS Coach will evaluate the request to ensure compliance with CS Standardized Equipment/Materials Selection Criteria.
 - a. If the evaluation determines the request is viable, the CS Coach shall recommend to the Executive Team to standardize the equipment or materials and amend the CS Standardized Equipment/Materials List to include the new equipment or materials. If the Executive Team approves the recommendation, staff shall proceed with a final recommendation to the Board of Directors for approval consideration.
 - b. If the evaluation determines the request to be not viable, the CS Coach will report back to the requester(s) with the reason(s) the request was denied. The CS Coach will discuss with the requester feasible options that meet the equipment and/or requester's needs.
5. Staff has recommended the CS Standardized Equipment/Materials List in Attachment D for this Three-Year Review, which is approved together with this policy. Staff shall utilize the List for three years, after which these guidelines shall be repeated.
6. Prior to the next Three-Year Review, Staff may request new equipment or materials to be sole sourced to accommodate project needs. The CS Coach shall evaluate the request to ensure compliance with the CS Standardized Equipment/Materials Selection Criteria.
 - a. If the evaluation determines the request is viable, the CS Coach shall recommend to the Executive Team whether to sole source the equipment or materials for the current project only or to amend the CS Standardized Equipment/Materials List to include the new equipment or materials. If the Executive Team agrees with the recommendation, the CS Coach shall proceed with a recommendation to the General Manager or his or her designee for approval consideration. If the General Manager or his or her designee, in consultation with District Legal Counsel, approves the request, the purchase order's technical requirements and/or the CS Standardized Equipment/Materials List shall be amended to include the new equipment or materials. If the General Manager or his or her designee denies the request, the CS Coach will proceed with 6(b) below.
 - b. If the evaluation determines the request to be not viable, the CS Coach will report back to the requester(s) with the reason(s) the request was denied. The CS Coach will discuss with the requester possible options that meet the equipment and/or requester's needs.
7. The CS Workgroup will be responsible in its entirety for the maintenance and upkeep of the CS Standardized Equipment/Materials List.

Employee Responsibility

Employees are responsible for adhering to the procedures established by this policy and requesting Management approval whenever they have recommendations for changes to the guidelines and the Standardized Equipment/Materials Lists.

Management Responsibility

Management is responsible for ensuring that this policy is followed and that the Standardized Equipment/Materials Lists are reviewed and approved by the Board of Directors every three years.

References and Notes

- Attachment A – CIP 2024 Standardized Equipment List
- Attachment B – California Public Contract Code Section 3400
- Attachment C – CIP Standardized Equipment Selection Criteria
- Attachment D – FMC 2024 Standardized Equipment/Materials List
- Attachment E – CS 2024 Standardized Equipment/Materials List

Approved by: Board of Directors, May 13, 2024
Author/owner: CIP Coach, FMC Coach, and CS Coach
Reviewers: Executive Team
Notify Person: CIP Coach, FMC Coach, and CS Coach
Revision frequency: Every three years
Next Review: May 13, 2027

Attachment A – CIP 2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Plug Valves (4-inch diameter and greater)	Dezurik	Eccentric Plug Valves (PEC)	770+	\$3,650	<p>Plug valves are used to isolate the flow of water, wastewater, sludge, and grit at District facilities. They have a simple operation and are typically more economical than other types of valves.</p> <p>Dezurik plug valves would match existing equipment and are reliable and durable. Maintenance staff has received very good customer support from the local sales representative.</p>
Air / Vacuum Relief Valves	Vent-O-Mat	RGX Series	36	\$7,300	<p>Air / vacuum relief valves are important components in the operation and maintenance of the twin force main pipelines. Along with the surge towers located at Newark and Irvington Pump Stations, the air / vacuum relief valves reduce the effects of water hammer (sudden changes in the flow rate of wastewater).</p> <p>Vent-O-Mat air / vacuum relief valves would match existing equipment and are more reliable and easier to maintain when compared with other manufacturers.</p>

Attachment A – CIP 2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Wastewater Centrifugal Pumps and Motors	Wemco	Dry-Pit Submersible Screw-Centrifugal Impeller Pump	13	\$73,000 to \$134,000 depending on the pump size	<p>In 1998, staff conducted an in-depth analysis of the dry-pit submersible pumps and motors prior to the Alvarado Influent Pump Station Expansion Project to address problems, such as clogging, high vibrations, and limited operating range associated with the old line-shaft pumps. The analysis included a comparison of pumps from other manufacturers.</p> <p>Based on the results of the analysis, staff selected Wemco as the sole-source supplier for the raw wastewater pumps and motors for the Alvarado Influent Pump Station. Staff has subsequently standardized to the Wemco pumps and matched existing equipment at the Irvington Pump Station, Newark Pump Station, and Boyce Road Lift Station.</p>

Attachment A – CIP 2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Centrifugal Pumps and Motors (sludge mixing pumps)	Wemco	Screw-Centrifugal Impeller Pump	7	\$110,000	<p>Previous sludge mixing pumps did not perform well due to their inability to pass large clumps of rags. This resulted in a limited mixing operation, which increased the risk of a large mat formation in the digester and created operational problems with mixing and generation of methane gas. This also caused operations staff to frequently take the pumps out of service in order to remove the rags that are caught in the pumps.</p> <p>Based on the success with the non-clog capabilities of the Wemco dry-pit submersible screw-centrifugal impeller pumps at the wastewater pump stations, staff decided to replace the existing sludge mixing pump at Primary Digester No. 2 with the Wemco screw-centrifugal impeller pump in 2003. Staff has subsequently standardized to the Wemco pumps and matched existing equipment for the other sludge mixing pumps at the primary digesters.</p>

Attachment A – CIP 2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Recessed Impeller Pumps (sludge pumps)	Wemco	Model C Recessed Impeller Pump	18	\$60,000	<p>Wemco Model C recessed impeller pumps were first installed in 1991 to pump primary sludge from the primary clarifiers. These pumps are still in operation due to their ability to pass fibrous and stringy materials, good operational reliability, and ease of maintenance.</p> <p>Staff has subsequently standardized to the Wemco pumps and matched existing equipment for the sludge recirculation pumps at the primary digesters.</p>
Chemical Metering Pumps	Milton Roy	Milroyal B High Performance Diaphragm Pump	18	\$22,000	<p>Metering pumps are used to deliver chemicals for various plant treatment processes such as effluent disinfection and odor control at the plant and remote pump stations. The District has been using Milton Roy metering pumps for dispensing chemicals since the late 1980s.</p> <p>Staff has subsequently standardized to the Milton Roy pumps and matched existing equipment for the metering pumps located at the Odor Control Building, Maintenance Shop Building, Iron Salts, and Irvington Pump Station chemical facilities.</p>

Attachment A – CIP 2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Motorized Valve Operators	Rotork	IQ Series	250+	\$12,000	<p>Motorized valve operators are typically installed on valves and gates that require many turns of the stem to fully open or close, are inaccessible, and / or require automatic control. Motorized valve operators allow staff to actuate the valves and gates much quicker and in a safe manner.</p> <p>Rotork motorized valve operators would match existing equipment and are reliable and durable.</p>

Attachment A – CIP 2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Programmable Logic Controllers (PLC)	Allen Bradley	Logix Series of Controllers, and Associated Support Hardware and Software	36	\$15,000 to \$25,000 (hardware cost only; does not include enclosures, installation, wire terminations, and programming)	<p>PLCs are located at every plant process building and the remote pump and lift stations and are critical to the operation of the District’s facilities. They provide automatic controls of the equipment by continuously monitoring and adjusting the equipment’s operating parameters as flow or process conditions vary.</p> <p>Allen Bradley PLCs would match existing equipment and have advanced communication and networking technologies and are easier to program and troubleshoot. PLCs from other manufacturers would require different programming and configuration software than those for the Allen Bradley units.</p>

Attachment A – CIP 2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Aeration Blowers	APG-Neuros	NX Series Turbo Blower	5	\$600,000	<p>The secondary treatment process consumes the most energy of any plant process because large aeration blowers continuously deliver air to the aeration basins.</p> <p>In 2016, the High Speed Aeration Blower Project installed the first APG-Neuros turbo blower. Since this project, an evaluation confirmed that the APG-Neuros turbo blower was more energy efficient than the existing centrifugal blowers.</p> <p>Staff has subsequently standardized to the APG-Neuros turbo blowers and matched existing equipment for the other aeration blowers. Standardizing the turbo blowers will reduce the complexity of the aeration system controls and reduce O&M costs.</p>

Attachment A – CIP 2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Ultrasonic Level Sensors and Controllers	Pulsar Measurement	Sensor: dB Series Transducer Controller: Blackbox 130 Controller	8	\$3,000	Ultrasonic level sensors and controllers are used to measure the liquid levels inside chemical tanks. Accurate tank level readings are important to allow staff to efficiently manage the chemical inventory at the plant. Pulsar Measurement ultrasonic level sensors and controllers would match existing equipment and are more reliable and easier to calibrate when compared with other manufacturers.
Dissolved Oxygen Sensors and Controllers	Hach Company	Sensor: LDO sc Luminescent Dissolved Oxygen Sensor Controller: SC200 Controller	13	\$6,000	Dissolved oxygen sensors and controllers are important instruments to monitor the oxygen levels in the aeration tanks. Hach Company dissolved oxygen sensors and controllers would match existing equipment and are more reliable and easier to calibrate when compared with other manufacturers.

Attachment A – CIP 2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Chlorine Analyzers and Controllers	Hach Company	Analyzer: CLT10sc Total Chlorine Analyzer or CLF10sc Free Chlorine Analyzer Controller: SC200 Controller	3	\$6,000	Chlorine analyzers and controllers are used at the chlorine contact basin to monitor the level of the chlorine disinfectant in the final effluent. This is important as it ensures that the plant is meeting its National Pollutant Discharge Elimination System (NPDES) permit requirements. Hach Company chlorine analyzers and controllers would match existing equipment and are more reliable and easier to calibrate when compared with other manufacturers.
Magnetic Flow Meters and Flow Meter Transmitters	Emerson Electric Co.	Flow Meter: Rosemount 8705 Series Flanged Magnetic Flow Meter Flow Meter Transmitter: Rosemount 8712 Series Magnetic Flow Meter Transmitter	4	\$18,000	Magnetic flow meters and transmitters are used at the secondary clarifiers to measure the flow of return activated sludge. Emerson/Rosemount magnetic flow meters and transmitters would match existing equipment and are more reliable and easier to calibrate when compared with other manufacturers.

Attachment A – CIP 2024 STANDARDIZED EQUIPMENT LIST
Board Approval Date – May 13, 2024

Equipment Description	Manufacturer	Type/Model/Series	Quantity of Units Installed at USD Facilities	Average Unit Cost, excludes sales tax	Comments
Pressure Transmitters	Emerson Electric Co.	Rosemount 3051 Series Pressure Transmitter	8	\$6,000	Pressure transmitters are used to record the sludge level inside the plant's primary digesters. Emerson/Rosemount pressure transmitters would match existing equipment and are more reliable and easier to calibrate when compared with other manufacturers.

Attachment B

Section 3400 California Public Contract Code

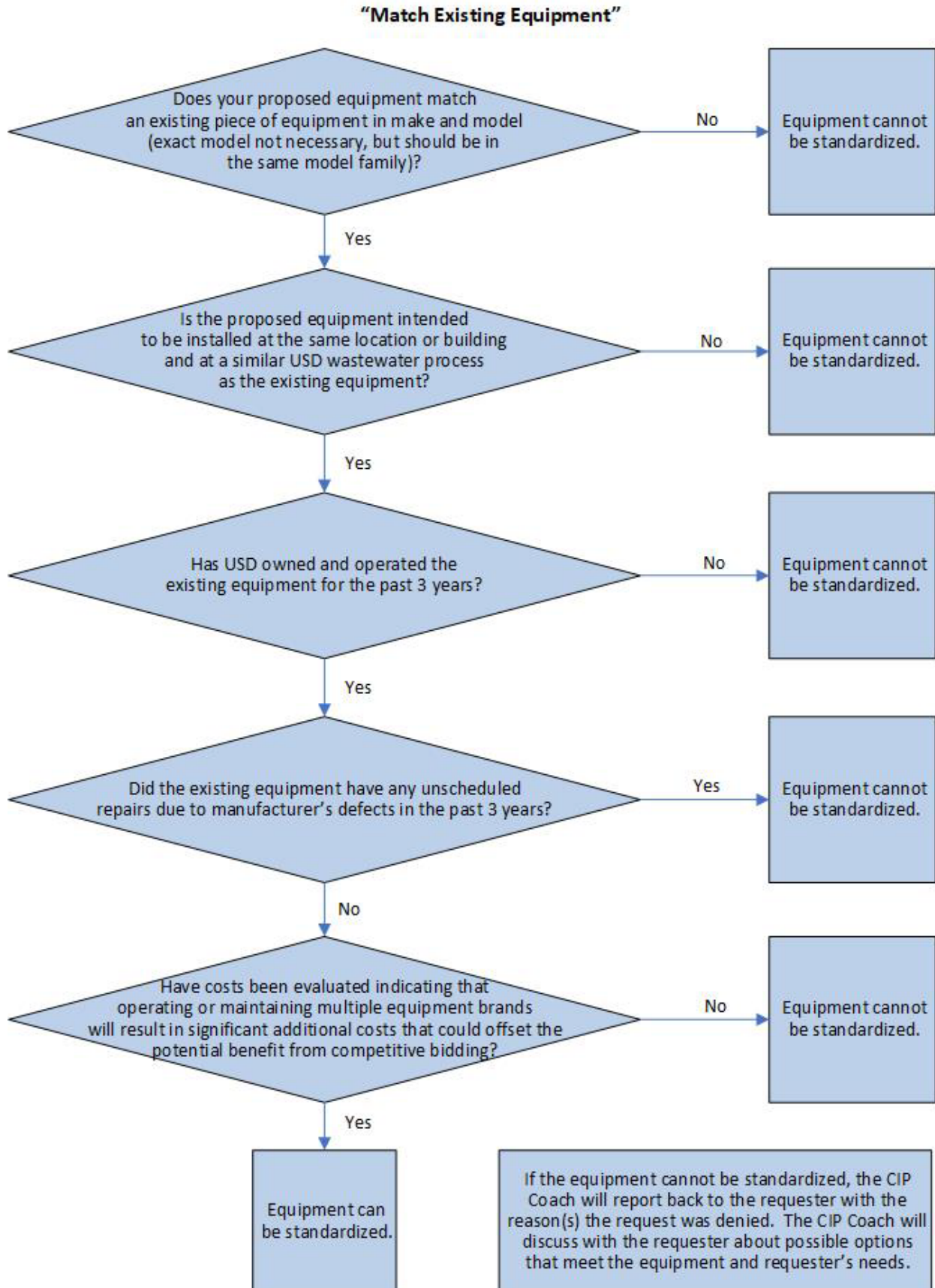
(a) The Legislature finds and declares that it is the intent of this section to encourage contractors and manufacturers to develop and implement new and ingenious materials, products, and services that function as well, in all essential respects, as materials, products, and services that are required by a contract, but at a lower cost to taxpayers.

(b) No agency of the state, nor any political subdivision, municipal corporation, or district, nor any public officer or person charged with the letting of contracts for the construction, alteration, or repair of public works, shall draft or cause to be drafted specifications for bids, in connection with the construction, alteration, or repair of public works, (1) in a manner that limits the bidding, directly or indirectly, to any one specific concern, or (2) calling for a designated material, product, thing, or service by specific brand or trade name unless the specification is followed by the words "or equal" so that bidders may furnish any equal material, product, thing, or service. In applying this section, the specifying agency shall, if aware of an equal product manufactured in this state, name that product in the specification. Specifications shall provide a period of time prior to or after, or prior to and after, the award of the contract for submission of data substantiating a request for a substitution of "an equal" item. If no time period is specified, data may be submitted any time within 35 days after the award of the contract.

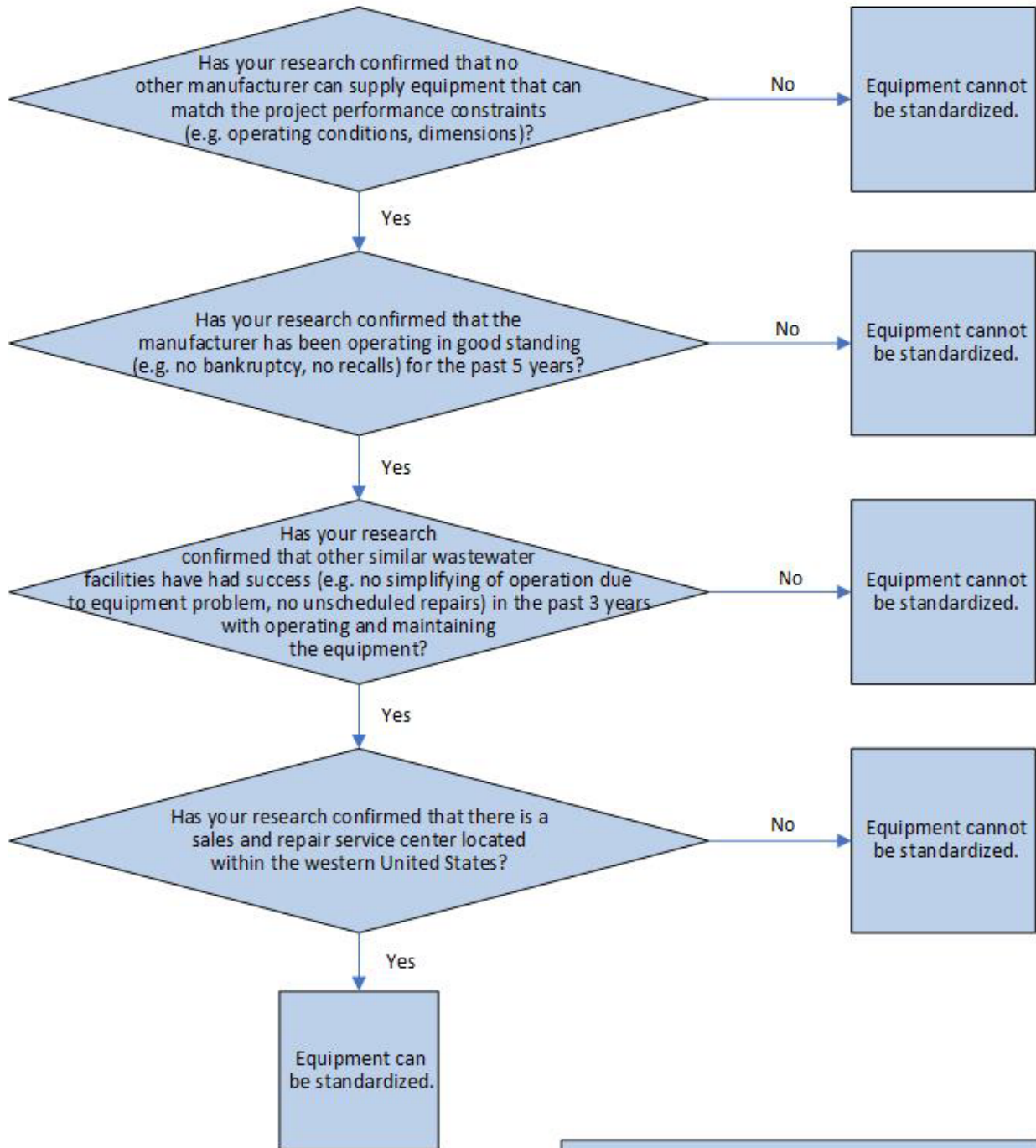
(c) Subdivision (b) is not applicable if the awarding authority, or its designee, makes a finding that is described in the invitation for bids or request for proposals that a particular material, product, thing, or service is designated by specific brand or trade name for any of the following purposes:

- (1) In order that a field test or experiment may be made to determine the product's suitability for future use.
- (2) In order to match other products in use on a particular public improvement either completed or in the course of completion.
- (3) In order to obtain a necessary item that is only available from one source.
- (4) (A) In order to respond to an emergency declared by a local agency, but only if the declaration is approved by a four-fifths vote of the governing board of the local agency issuing the invitation for bid or request for proposals.
(B) In order to respond to an emergency declared by the state, a state agency, or political subdivision of the state, but only if the facts setting forth the reasons for the finding of the emergency are contained in the public records of the authority issuing the invitation for bid or request for proposals.

Attachment C – CIP Standardized Equipment Selection Criteria



"Equipment Available From One Source"



If the equipment cannot be standardized, the CIP Coach will report back to the requester with the reason(s) the request was denied. The CIP Coach will discuss with the requester about possible options that meet the equipment and requester's needs.

Attachment D – FMC 2024 STANDARDIZED EQUIPMENT/MATERIALS LIST
Board Approval Date – May 13, 2024

Description	Manufacturer	Comments
Plug Valves	Dezurik	Dezurik plug valves are on the CIP Standardized Equipment list. F.A. Olsen is the sole authorized distributor in Northern California.
Wastewater and Sludge Pumps	Wemco	Wemco Pumps are on the CIP Standardized Equipment list. Muniquip is the distributor of proprietary Wemco Pump parts.
Motorized Valve Operators	Rotork	Rotork motorized valve operators are on the CIP Standardized Equipment list. F.A. Olsen is the sole authorized distributor in Northern California.
Sludge Pumps	Moyno	MuniQuip is the distributor of proprietary Moyno Pump parts.
Centrifuges	Andritz	Andritz is the manufacturer/distributor of proprietary centrifuge parts.
Gravity Belt Thickeners	Ashbrook	Ashbrook is the manufacturer/distributor of proprietary GBT parts.
Grinders	JWC	JWC is the manufacturer/distributor of proprietary grinder parts.
Sludge Degritters and Grit Washing / Dewatering	Hydro International	The Eutek SlurryCup and Grit Snail are proprietary equipment manufactured by Hydro International.
Cogeneration Engines	INNIO Group	Western Energy Systems is the distributor of proprietary Jenbacher/INNIO parts.
Cogeneration Heat Recovery Boilers	Enalco	Bolden Energy Systems is the distributor of proprietary Enalco parts.

Attachment E – CS 2024 STANDARDIZED EQUIPMENT/MATERIALS LIST
Board Approval Date – May 13, 2024

Description	Manufacturer	Comments
Sanafoam Vaporooter II	Douglas Products	WECO Industries is the sole authorized sales distributor for this proprietary root control product.

RESOLUTION NO. _____

**APPROVE REVISED POLICY NO. 2760, STANDARDIZED EQUIPMENT/
MATERIALS POLICY**

WHEREAS, the Union Sanitary District approved Policy No. 2760, Standardized Equipment Policy with Attachments A through D on April 12, 2021, and the policy is established to provide the guidelines for maintaining and approving a Standardized Equipment List and the procedures for evaluating mechanical, electrical, and instrumentation equipment for inclusion in the List; and

WHEREAS, Section 3400 of the California Public Contract Code allows exceptions to the requirement to include “or equal” in the specifications for bids in connection with public work projects; and

WHEREAS, the Union Sanitary District revised Policy No. 2760, Standardized Equipment/Materials Policy and Attachments A through D, including an updated CIP Standardized Equipment List and FMC Standardized Equipment/Materials List, and new Attachment E that includes the new CS Standardized Equipment/Materials List; and

WHEREAS, the formal bidding procedures would be unavailing for the acquisition of the products in the CIP Standardized Equipment Lists since the equipment matches existing equipment already used on District facilities or is only available from one manufacturer source, as set forth in Public Contract Code 3400, and for reasons including that maintenance costs associated with multiple suppliers of equipment would exceed the benefit of competitive bidding; and

WHEREAS, the formal purchasing procedures would be unavailing for the acquisition of the products in the FMC and CS Standardized Equipment/Materials Lists since the equipment or materials (a) are proprietary in nature, (b) are restricted to one vendor in the District’s service area, (c) are determined that certain manufacturers’ parts have a better cost-to-service life ratio, (d) requires parts already identified as part of the CIP Standardized Equipment List, or (e) are supported by a vendor that provides a quicker turnaround where time is an important factor.

THEREFORE, BE IT RESOLVED, that the UNION SANITARY DISTRICT hereby approves the revised Policy No. 2760 – Standardized Equipment/Materials Policy and Attachments A through E. The policy and the CIP, FMC, and CS Standardized Equipment/Materials Lists shall be effective for a period of three years and shall be reviewed on May 13, 2027. The Board of Directors further designates the General Manager, or their designee, to modify the CIP, FMC, and CS Standardized Equipment/Materials Lists, and approve standardized equipment or materials for projects and purchase orders, in accordance with Policy No. 2760.

On motion duly made and seconded, this resolution was adopted by the following vote on May 13, 2024:

AYES:

NOES:

ABSENT:

ABSTAIN:

JENNIFER TOY
President, Board of Directors
Union Sanitary District

Attest:

PAT KITE
Secretary, Board of Directors
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

MAY 13, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #13

TITLE: **Authorize the General Manager to Execute Amendment No. 1 to Task Order No. 3 with Woodard & Curran, Inc. for the Alvarado Influent Valve Box Rehabilitation Project (to be reviewed by the Engineering and Information Technology Committee) (Motion Item)**

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

Recommendation

Staff recommends the Board authorize the General Manager to execute Amendment No. 1 to Task Order No. 3 with Woodard & Curran, Inc. (W&C) for the Alvarado Influent Valve Box Rehabilitation Project (Project) in the amount of \$78,232.

Discussion

In January 2020, the Board initially awarded the construction contract for the Project and construction was scheduled to be completed in September 2020. However, due to the COVID-19 pandemic, this construction contract was later terminated by the Board in January 2021. Subsequently, the Project was re-advertised for bids and the Board awarded the construction contract to Gateway Pacific Contractors, Inc. (Gateway) on February 12, 2024.

In February 2020, staff executed Task Order No. 3 with W&C to provide the necessary engineering services during construction (ESDC) for the initial construction contract. Services included in this task order were submittal reviews, responding to requests for information, design clarifications, and periodic site inspections. The purpose of Amendment No. 1 to Task Order No. 3 is to authorize the additional engineering services required to support the current construction contract.

Additionally, the last condition assessment of Control Box No. 1 (CB1) was completed by W&C in November 2018. Results from the assessment did not find any significant issues with the interior concrete and liner that warranted rehabilitation at that time. However, given that it has been more than 5 years since this assessment took place and CB1 will be taken out of service and cleaned during the Project, staff recommends that an updated condition assessment be completed to determine if there has been any significant changes to its condition. The photos in Figures 3 through 6 show the different interior sections of CB1 during the 2018 assessment.

The scope and fee for Amendment No. 1 to Task Order No. 3 with W&C are summarized below:

Task No.	Task Description	Fee
1	Submittal Review	\$15,739
2	Request for Information	\$4,850
3	Clarification Memoranda	\$2,050
4	Meetings	\$1,510
5	Periodic Site Visits	\$10,803
6	Condition Assessment	\$48,203
7	Project Management	\$10,002
Task Order No. 3 Remaining Budget		(\$14,925)
Amendment No. 1 Not-to-Exceed Fee		\$78,232

The not-to-exceed fee of \$78,232 is 6.0 percent of the construction contract amount of \$1,297,000. For a project of this size and scope, staff expects the fee to be in the range of 3 to 5 percent. If the condition assessment of CB1 was excluded, the fee would be reduced to 2.3 percent of the construction contract amount.

The total fee for the Project's agreement with W&C is summarized in the below table:

Description	Fee
Task Order No. 1 – Predesign Services	\$229,041
Task Order No. 2 – Final Design Services	\$89,046
Task Order No. 3 – Engineering Services During Construction	\$31,333
Amendment No. 1 to Task Order No. 2 – Repackaging of Bid Documents	\$35,148
Amendment No. 1 to Task Order No. 3 – Additional Engineering Services During Construction	\$78,232
Total Proposed Not-to-Exceed Fee	\$462,800

The total not-to-exceed fee of \$462,800 is 35.7 percent of the construction contract amount of \$1,297,000 for the Project. Industry standard is to budget 30% for all project soft costs (e.g., design, construction management, inspection, engineering services during construction). Staff believes that the higher soft costs can be attributed to the rebidding/awarding of the project.

Background

During predesign of the Project, W&C conducted a condition assessment of the concrete, structural steel components, pipelines, gates, valves, and related equipment at CB1, Alvarado Influent Valve Box, Alvarado Influent Pump Station Valve Box at CB1, and the chemical containment areas at the Maintenance Shop Building and Odor Control Building. The recommended near-term improvements from this assessment were incorporated into the final design.

W&C completed the design for the Project in December 2019. The major scope items included the following:

- Replacement of the two (east and west) force main (FM) 42-inch knife gate valves at the Alvarado Influent Valve Box and the 42-inch west FM knife gate valve at the Headworks Valve Box.
- Installation of a duckbill check valve at the Alvarado FM pipe penetration and two steel standpipes at the east and west FM pipe penetrations inside CB1 to reduce grit accumulation inside the pipes.
- Repair of FM pipelines, fittings, and pipeline coatings.
- Rehabilitation of structural concrete within the various valve box structures.

Figures 1 and 2 show the locations of the project scope items.

In November 2019, the Board authorized the General Manager to issue a purchase order to pre-purchase the knife gate and duck bill check valves to ensure they were delivered in time for the contractor's installation. The valves were delivered to the District in May 2020.

In January 2020, the Board awarded the construction contract for the Project to C. Overaa & Co. (Overaa). In January 2021, the Board authorized the termination, settlement, and release agreement with Overaa due to the State and County issued health order to shelter in place in response to the COVID-19 pandemic.

In August 2023, staff retained W&C to repackage the bid documents for the Project. The Project was re-advertised for bids in October 2023 and two bids were received. Gateway was the apparent low bidder and was awarded the construction contract in February 2024. The Notice to Proceed was issued to Gateway in March 2024 and the Project is estimated to be completed in December 2024.

Construction management and inspection services for this Project will be performed in-house by District staff.

Previous Board Action

November 12, 2018, the Board authorized the General Manager to execute an agreement and Task Order No. 1 with W&C in the amount of \$229,041 to provide predesign services for the Project.

July 22, 2019, the Board authorized the General Manager to execute Task Order No. 2 with W&C in the amount of \$89,046 to provide final design services for the Project.

November 11, 2019, the Board authorized the General Manager to award a contract to Frank A. Olsen Company in the amount of \$303,047.18 to purchase three knife gate valves for the Project.

January 27, 2020, the Board authorized the General Manager to award the construction contract to Overaa in the amount of \$401,930.

January 25, 2021, the Board authorized the General Manager to execute a termination, settlement, and release agreement with Overaa in the amount of \$93,495 due to the State and County issued health order to shelter in place in response to the COVID-19 pandemic.

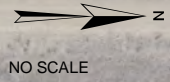
February 12, 2024, the Board awarded the construction contract to Gateway in the amount of \$1,297,000.

Attachments

1. Figure 1 - Site Plan
2. Figure 2 - Control Box No. 1 Drawing
3. Figures 3 through 6 - Photos
4. Amendment No. 1 to Task Order No. 3

UNION SANITARY DISTRICT
ALVARADO WASTEWATER TREATMENT PLANT

Figure No. 1 - Site Plan



Headworks
Valve Box

Twin force
mains from
Newark PS

Control Box No. 1

Force main
from
Alvarado
Influent PS

Alvarado Influent
Valve Box

Figure No. 2 - Control Box No. 1 Drawing

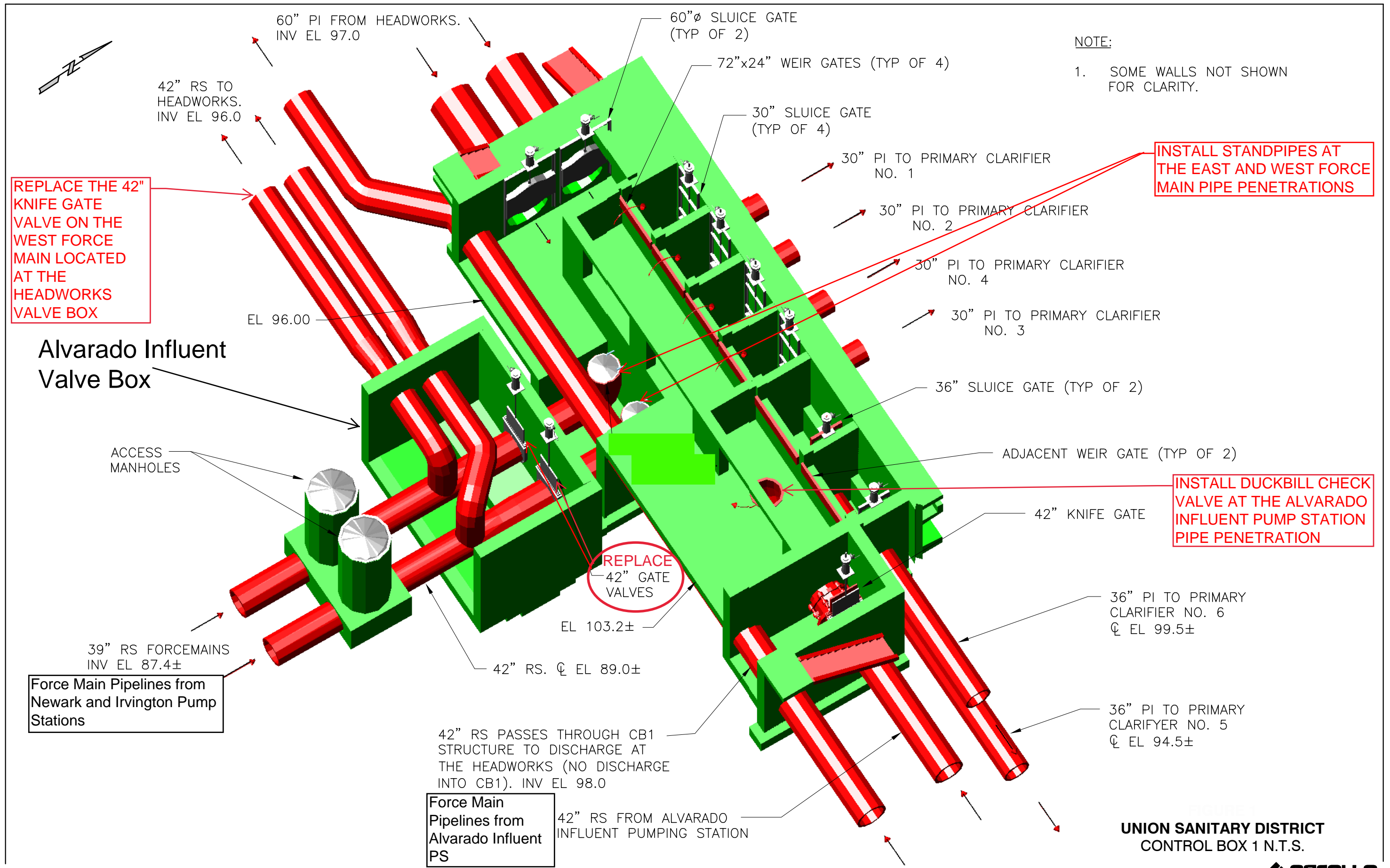




Figure 3 – View above the two force main inlets at CB1



Figure 4 – View looking west at 60-inch dia. sluice gates and sediment buildup



Figure 5 – PVC liner at the northeast ceiling with exposed concrete beam



Figure 6 – View toward ceiling and typical weir gate that controls flows from CB1 main compartment to a primary clarifier distribution box

ALVARADO INFLUENT VALVE BOX REHABILITATION PROJECT

AMENDMENT NO. 1 TO TASK ORDER NO. 3

TO

AGREEMENT

BETWEEN

UNION SANITARY DISTRICT

AND

WOODARD & CURRAN, INC.

FOR

PROFESSIONAL SERVICES

Dated November 12, 2018

1. PURPOSE

The purpose of Amendment No. 1 to Task Order No 3. is to provide additional engineering services during construction for the Alvarado Influent Valve Box Rehabilitation Project, Project Number 800-541 (Project).

Engineering services to be provided during construction include engineering support, attendance at meetings, submittal reviews, responses to requests for information and design clarification, review of change order requests, and site visits. These services are to be performed by the same engineers who worked on the design and possess detailed knowledge about the Project. District staff will update record drawings based on markups provided by the Contractor and reviewed by the District.

2. PROJECT COORDINATION

All work related to this task order shall be coordinated through the District's Project Manager, Kevin Chun.

3. SCOPE OF SERVICES

The task numbers in this Scope of Services are associated with the cost data presented in the attached Exhibit A fee estimate. Woodard & Curran, Inc. (Engineer) and its subconsultant V&A Engineering (V&A) shall provide the following engineering support services during the construction of the project:

Task 1 – Submittal Review

There will be the following division of submittal review responsibility between District and Engineer.

Administrative Submittals: The District will review and provide response to all administrative submittals required by the Contract Document Specifications. Copies of these submittals sent to the Engineer are for information purposes only.

Shop Drawing Submittals: Engineer shall review and provide response to shop drawing submittals as described in the technical specifications of the Contract Documents and as requested by the District.

Quality Control Submittals: The District will review and provide response to all quality control submittals as described in the Contract Document Specifications, except Engineer shall review and provide response to mechanical and electrical testing procedures and testing results. Copies of all other quality control submittals sent to the Engineer are for information purposes only. All testing indicated in the Contract Documents to be performed by the Contractor.

Temporary Construction Submittals: Engineer shall review and provide response to all temporary construction submittals including temporary piping, supports, electrical, and controls as requested by the District.

Submittals:

Engineer shall respond to requests for submittal review when requested by the District. Engineer shall provide written review comments on the Engineer's review comment sheet and return the review comment sheet to the District. Engineer shall complete review of submittal, provide comments, and return review comment sheet within twenty-one (21) calendar days of Engineer's receipt of submittal for normal submittals. Review comments identified by the District as critical path or expedited submittals shall be returned within ten (10) calendar days of Engineer's receipt of submittal. If the review cannot be completed within this period, Engineer shall notify District and provide reason for delay prior to the end of the specified review period.

The District will make an initial review to screen all submittals for form, completeness, and general content conforming to that specified in the Contract Documents before transmitting them to Engineer.

Engineer's submittal review is to determine compliance with the Contract Documents. Submittal review is not intended as acceptance of the work. The

review is not intended to relieve the Contractor of his full responsibility for performance as required by the Contract Documents.

Engineer’s budget allowance is based on reviewing ten (10) submittals including resubmittals at an average review time of four (4) hours per submittal. Engineer’s subconsultant, V&A, has budgeted reviewing four (4) submittals at an average time of two (2) hours per submittal plus one (1) hour of W&C review.

Expected Engineering and Temporary Construction Submittals

No.	Description
1	Epoxy coating material
2	Pipe lining repair material
3	Pipe Welding Procedure Specification
4	Temporary Bulkhead design and shop drawing
5	Concrete Patching Material
6	Flanged Coupling Adapter
7	Blind Flange
8	Gaskets
9	Noise Barrier
10	Dewatering
11	Steel Repair Patches
12	Peroxide Injection Ports
13	Non-Shrink Grout
14	Pipe Spools

The level of effort assumed for this task is limited to the authorized hours in the budget.

Task 2 – Request for Information

Engineer shall respond to formal requests for information (RFIs) when requested by the District. Engineer shall provide a written response on the Engineer’s response sheet and return the response sheet to the District. Engineer shall complete review of RFI, provide response, and return response within seven (7) calendar days of Engineer’s receipt of RFI. If the response cannot be completed within this period, Engineer shall notify District and provide reason for delay prior to the end of the specified review period.

The District will perform an initial review to screen all RFIs for form, completeness, and general content conforming to that specified in the Contract Documents before transmitting them to Engineer.

Engineer's budget allowance is based on reviewing four (4) RFIs at an average of three (3) hours review per RFI. V&A has budgeted reviewing two (2) RFIs at an average of two (2) hours review per RFI.

Task 3 – Clarification Memoranda

Engineer shall issue Clarification Memoranda where deemed necessary by the Engineer and when requested by the District. Engineer shall provide a written clarification in Engineer's Clarification Memorandum form (including specifications, sketches, or other information as necessary) and issue the Clarification Memorandum to the District.

Clarification Memoranda will be issued to 1) clarify Contract Documents when necessary, 2) in the event that modifications to the Contract Documents are desired by the District, or 3) to assist the District with the preparation of contract change order requests.

Engineer's budget allowance is based on preparing one (1) Clarification Memorandum at an average of six (6) hours per Clarification Memorandum for the Engineer's Principal-in-Charge review.

Task 4 – Meetings

Engineer shall have one personnel attend one (1) construction meeting onsite at four (4) hours per person per meeting, which includes travel time. The District will facilitate all meetings and provide meeting minutes.

Task 5 – Periodic Site Visits

Engineer shall visit the Project site to observe the progress and quality of the Contractor's work. Engineer shall not, during such site visits or as a result of such observations of Contractor's work in progress, supervise, direct, or have control over Contractor's work. Nor shall Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected by Contractor, or safety precautions and programs incident to the Work. Furthermore, Engineer shall not be held responsible for any failure of Contractor to comply with laws, rules, regulations, ordinances, codes, or orders applicable to Contractor furnishing and performing work. Engineer shall provide opinions and observations to the District regarding general compliance with the Contract Documents for improvements that are observed by the Engineer at the time of Engineer's site visits.

Engineer's budget allowance is based on two (2) site visits at an average of six (6) hours per site visit, including travel time. V&A has budgeted for up to three (3) site visits, averaging four (4) hours onsite per visit, including travel time, to observe and determine the extent of corrosion repairs for the pipe in the Alvarado Influent Valve Box. V&A has budgeted 8 hours for preparation of a summary of field observations and recommendations for installing steel plate patches. No witnessing of factory or field testing is included in the budget. Welding inspections assumed to be the responsibility of the Contractor.

Task 6 – Condition Assessment

Engineer's subconsultant, V&A, will be responsible for performing the condition assessment work. V&A will conduct an assessment of the following structures to determine if there has been degradation or worsening of the concrete and mechanical equipment since the last assessment conducted by V&A in November 2018:

- Control Box No. 1 (CB1), including the weir gates, air piping, sluice gates, and concrete surfaces.
- Six primary clarifier distribution boxes including the weir gates, sluice gates, and concrete surfaces.

The following scope of work will be performed under Task 6:

Work and Safety Plan Preparation:

- Document Review: Review the drawings and existing documentation for the structures to determine the requirements for the field assessment, such as determining the access locations, staging of safety equipment, and testing locations.
- Safety Plan: Submit a safety plan prior to the field assessment. The safety plan will document the entry approach, identify possible hazards, and provide rescue procedures for confined space entry. A draft electronic copy of the safety plan will be submitted for review. Comments will be incorporated, and a final electronic copy of the safety plan will be provided.

Field Assessment: Assess the interior condition of CB1 and the six primary clarifier distribution boxes. Assessment of CB1 will be completed in one (1) 6-hour day (excluding travel) and will take place during a night shutdown. Assessment of the six primary clarifier distribution boxes will be completed in three (3) 8-hour days (excluding travel, 2 boxes will be assessed per visit) and will take place during the day. V&A shall conduct confined space entries for evaluation of the structures.

The assessment will be performed by two (2) V&A personnel, including a licensed Engineer. V&A will comply with Cal OSHA confined space entry requirements. V&A will provide the confined space safety and testing equipment required for V&A personnel to conduct the assessment. The field assessment will include the following:

- Visual Assessment: Qualitative condition assessment observations are subjective and based upon the evaluator's expertise.
 - Visually assess safely accessible surfaces of the structures. Defects such as cracks, spalls, exposed reinforcing steel, steel corrosion, or general patterns of deterioration will be documented.
 - Rate conditions using the VANDA® Concrete and Metallic Condition Indexes.
 - Document observations using digital photographs. A minimum of 10 photos will be obtained per structure.
- Reinforced Concrete:
 - Measure the thickness of concrete protecting the reinforcing steel using surface penetrating radar (SPR) at up to 2 easily accessible locations in each structure.
 - Assess the concrete condition by "sounding" to listen for shallow delamination within the concrete substrate. Sounding will be performed on the lower 7 feet of the walls and on the floor of the structure (if accessible). Delaminated areas will be marked with chalk for reporting purposes.
 - Conduct penetration measurements (using a chipping hammer) to find the depth to sound material at 2 locations per structure.
 - Measure the surface pH of the concrete surfaces at the concrete penetration test locations described above. The pH of concrete can substantiate the extent of degradation.

Condition Assessment Report: Prepare a condition assessment report that describes the field assessment methods, activities, results, and conclusions. The report will include photographs of the existing conditions, data tables, and graphical and illustrative figures, as required, to present the information gathered during this assessment. The locations and severity of defects will be noted, and the current condition of the structure regarding its state of degradation will be described. Recommendations for rehabilitation or repair will be presented in the report, as needed. A draft electronic copy of the report will be submitted for review. Comments will be incorporated, and a final electronic copy will be provided.

Assumptions:

- The District will isolate, lockout/tagout, dewater and wash down the structures prior to V&A's arrival on site.
- The District will provide the confined space entry supervisor during the entries.
- The District will provide onsite rescue services, air monitoring, ventilation, lighting, fall protection, and confined space entry support during the assessment of CB1.

Prevailing Wage Assumption:

V&A understands some or all tasks associated with this project are subject to California DIR Public Works prevailing wage rate and Labor Code §1720 requirements. All project labor subject to prevailing wage requirements will incur a markup that covers the higher base hourly labor rates, additional premium pay requirements, and reporting requirements associated with prevailing wage rates.

Task 7 – Project Management

Engineer shall manage the efforts of the project team members, coordinate with representatives of the District and District, delegate responsibilities, and review work progress. Engineer shall prepare and submit monthly invoices and progress summary reports.

V&A's scope under this task includes project management and invoicing, as well as the following activities:

- Submit required prevailing wage documents and DAS forms as required by the State of California Department of Industrial Relations for all field-testing work. Comply with prevailing wage laws and certified payroll requirements, if necessary.
- Attend meetings up to 4 hours.

Assumptions:

- Although the Scope of Work is broken down into tasks, the fee estimate for each individual task shall not be considered a "not to exceed" amount for each task. It is anticipated that some tasks may require more effort, and some may require less effort. The Engineer shall have the ability to adjust the budgets within the Scope of Work among tasks to balance the overall level of effort. The Engineer shall not exceed the total budget for the project without written authorization from the District.

4. DELIVERABLES

Deliverables shall include:

- Written responses to submittals as required.
- Written responses to RFIs as required.
- Clarification Memoranda as required.
- Upload information to the District's online project management system, Projectmates.
- Summary of Task 5 field observations and recommendations (V&A).
- Field Work Safety Plan, Draft and Final (V&A).
- Condition Assessment Report, Draft and Final (V&A).
- Monthly invoices and progress reports.

All deliverables shall be provided electronically in Word document or PDF format.

5. PAYMENT TO THE ENGINEER

Payment to the Engineer shall be as called for in Article 2 of the Agreement. The billing rate schedule is equivalent to an overall labor multiplier of 3.30, including profit. Subconsultants and outside services will be billed at actual cost plus 5%; other direct costs will be billed at actual cost; and mileage will be billed at prevailing IRS standard rate.

The total not-to-exceed amount shall be \$78,232. This fee estimate takes into account the \$14,924.85 balance remaining on Task Order No. 3, which is expected to be used to cover the work described in this Amendment. A summary of the anticipated distribution of cost and manpower between tasks is shown in Exhibit A.

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

Task Order / Amendment	Not to Exceed Amount	Board Authorization Required? (Yes/No)	District Staff Approval
Task Order No. 1 – Predesign Services	\$229,041	Yes	Paul Eldredge
Task Order No. 2 – Final Design Services	\$89,046	Yes	Paul Eldredge
Task Order No. 3 – Engineering Services During Construction	\$31,333	No	Sami Ghossain
Amendment No. 1 to Task Order No. 2 – AIVB Rehabilitation Project Design Update	\$35,148	No	Paul Eldredge
Amendment 1 to Task Order No. 3 – Engineering Services During Construction	\$78,232	Yes	Paul Eldredge
Total	\$462,800		

6. TIME OF COMPLETION

All work defined in this Amendment shall be completed within 275 calendar days after the execution of this Amendment and subject to the conditions of Article 3 of this Agreement. A summary of the anticipated construction schedule is as follows:

- Notice of Award (NOA) issued to Contractor: February 2024
- Notice to Proceed (NTP) issued to Contractor: March 2024
- Project Completion: December 2024

7. KEY PERSONNEL

Engineering personnel assigned to this Amendment No. 1 to Task Order No. 3 are as follows:

<u>Role</u>	<u>Key Person to be Assigned</u>
Principal-In-Charge	Dave Richardson
Project Manager	Mike Matson

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. 1 to Task Order No. 3 as of _____ and therewith incorporate it as part of the Agreement.

DISTRICT

ENGINEER

UNION SANITARY DISTRICT

WOODARD & CURRAN, INC.

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

By: _____
Michael H. Matson, P.E.
Senior Principal

Date: _____

Date: _____

Exhibit A



Fee Estimate

Union Sanitary District
Amendment No. 1 to Task Order No. 3 - AIVB Engineering Services During Construction

4/8/2024

Tasks	Labor					V&A					Outside Services				ODCs	Total	
	Mike Matson	Jehan Anketell	Admin	Total Hours	Total Labor Costs (1)	PIC	SPM	AE	GE	Admin	Subconsultant Total Hours	Subconsultant Subtotal	Suconsultant ODCs	Subconsultant Total Cost (2)	Total ODCs (3)	Total Fee	
	Project Manager	Project Engineer	Admin														\$333
Task 1: Submittal Review																	
1.1 Submittal Review	12	32		44	\$13,820		4		4		8	\$1,828		\$1,919	\$0	\$15,739	
Subtotal Task 1:	12	32	0	44	\$13,820	0	4	0	4	0	8	\$1,828		\$1,919	\$0	\$15,739	
Task 2: Request for Information																	
2.1 Request for Information	5	7		12	\$3,890		2		2		4	\$914		\$960	\$0	\$4,850	
Subtotal Task 2:	5	7	0	12	\$3,890	0	2	0	2	0	4	\$914		\$960	\$0	\$4,850	
Task 3: Clarification Memoranda																	
3.1 Clarification Memoranda	4	2		6	\$2,050						0	\$0		\$0	\$0	\$2,050	
Subtotal Task 3:	4	2	0	6	\$2,050	0	0	0	0	0	0	\$0		\$0	\$0	\$2,050	
Task 4: Meetings																	
4.1 Meetings	4			4	\$1,460						0	\$0		\$0	\$50	\$1,510	
Subtotal Task 4:	4	0	0	4	\$1,460	0	0	0	0	0	0	\$0		\$0	\$50	\$1,510	
Task 5: Periodic Site Visits																	
5.1 Periodic Site Visits	12			12	\$4,380		11		9		20	\$4,695	\$1,060	\$6,043	\$380	\$10,803	
Subtotal Task 5:	12	0	0	12	\$4,380	0	11	0	9	0	20	\$4,695	\$1,060	\$6,043	\$380	\$10,803	
Task 6: Condition Assessment																	
6.1 Condition Assessment	4	4		8	\$2,640	4	74	54	36		168	\$39,588	\$3,805	\$45,563	\$0	\$48,203	
Subtotal Task 6:	4	4	0	8	\$2,640	4	74	54	36	0	168	\$39,588		\$45,563	\$0	\$48,203	
Task 7: Project Management																	
7.1 Project Management	6	8	4	18	\$5,110		9			20	29	\$4,659		\$4,892	\$0	\$10,002	
Subtotal Task 7:	6	8	4	18	\$5,110	0	9	0	0	20	29	\$4,659		\$4,892	\$0	\$10,002	
TOTAL	47	53	4	104	\$33,350	4	100	54	51	20	229	\$51,684	\$4,865	\$59,377	\$430	\$93,157	
															Task Order 3 Remaining Budget		\$14,924.85
															Amendment No.1 to Task Order No.3 Total		\$78,232

- The individual hourly rates include salary, overhead and profit.
- Sub Consultants will be billed at actual cost plus 5%.
- Other direct costs (ODCs) such as reproduction, delivery, mileage (rates will be those allowed by current IRS guidelines), and travel expenses, will be billed at actual cost.
- Woodard & Curran reserves the right to adjust its hourly rate structure and ODC markup at the beginning of the calendar year for all ongoing contracts.

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy



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

Karen W. Murphy
Attorney

MAY 13, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #14

TITLE: **Certificates of Merit to Union Sanitary District’s Class I Permitted Industries *(to be reviewed by the Legal/Community Affairs Committee) (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
None.

Background

The Certificates of Merit presentation 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 industries that have consistently complied with and implemented pollution prevention measures, maintained a cooperative relationship with the District and demonstrated continuing awareness and understanding of environmental issues and requirements.

The District has invited representatives from 23 Significant Industrial Users (SIUs) with Class I Wastewater Discharge Permits to receive Certificates of Merit on May 30, 2024, at 3:00 p.m. at the District offices. Staff commends these 23 SIUs for their excellent performance during 2023, and the Board of Directors is invited to attend this presentation and congratulate the Certificate of Merit recipients for a job well done.

Attached is a copy of the publication that will appear in the Tri-City Voice and The Argus the week of May 20, 2024, congratulating the awardees.

Companies receiving the Certificates of Merit are:

City of Fremont (21 of 30 SIUs)
Amphenol NovaSensor

Bay Area Circuits, Inc.
BluGlass, Inc.
Boehringer Ingelheim Fremont, Inc.
Clean Sciences, Inc.
Clean Sciences Technology LLC
Enablence USA Components INC
Finisar Corporation
Global Plating, Inc.
Google LLC
Intematix Corporation
Kaiser Permanente Hospital Fremont
Kyocera SLD Laser Inc
Lam Research Corporation (CA03/CA3E)
Quality Transport, Inc. /Truck-Rail Handling, Inc.
QuantumClean #2
Sanmina Corporation
Thermo Fisher Scientific
Washington Hospital Healthcare System
Western Digital Technologies B1
Western Digital Technologies B2

City of Newark (2 of 5 SIUs)

Allogene Therapeutics, Inc
Britech Electropolishing, Inc.

Previous Board Action

None.

Attachments

1. Certificate of Merit 2023- Ad

CONGRATULATIONS TO TRI-CITY INDUSTRIES

*You're helping to keep
San Francisco Bay Clean!*

**Union Sanitary District
Congratulates the following industries
for receiving USD's**

2023 Certificate of Merit

for 100% compliance with water quality requirements

Fremont

- ★ Amphenol NovaSensor (10)
- ★ Bay Area Circuits, Inc. (2)
BluGlass, Inc.
Boehringer Ingelheim Fremont, Inc.
- ★ Clean Sciences, Inc. (3)
- ★ Clean Sciences Technology LLC (3)
- ★ Enablence USA Components INC (15)
- ★ Finisar Corporation (21)
Global Plating, Inc.
- ★ Google LLC (4)
- ★ Intematix Corporation (5)
- ★ Kaiser Permanente Hospital Fremont (3)
- ★ Kyocera SLD Laser Inc. (2)

Lam Research Corporation (CA03/CA3E)
Quality Transport, Inc. /Truck-Rail Handling, Inc.

- ★ QuantumClean #2 (17)
- ★ Sanmina Corporation (5)
- ★ Thermo Fisher Scientific (3)
- ★ Washington Hospital Healthcare System (11)
- ★ Western Digital Technologies B1 (2)
- ★ Western Digital Technologies B2 (6)

Newark

- Allogene Therapeutics, Inc.
- ★ Britech Electropolishing, Inc. (2)
- ★ (Consecutive years receiving award)



USD
TREAT
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TRI-CITY WASTEWATER

Protecting the Tri-Cities and 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
Jennifer Toy



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

Karen W. Murphy
Attorney

**MAY 13, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #15**

TITLE: Board of Directors Internal Committee Assignments 2024-2025 (*Information Item*)

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

Recommendation

Although this is typically presented as an information only item, the option to review and discuss is at the discretion of the Board President.

Discussion

Per Board Policy 3070, the President of the Board of Directors is responsible for assigning members and alternates for internal committees, and the determination of the Board President on committee assignments shall be considered final. The assignments received from President Toy are as follows:

Committee	Board Members	Alternate #1	Alternate #2	Alternate #3
Audit	Director Fernandez Director Kite	Director Handley	Director Lathi	Director Toy
Budget & Finance	Director Kite Director Toy	Director Handley	Director Fernandez	Director Lathi
Engineering & Information Technology	Director Fernandez Director Handley	Director Lathi	Director Kite	Director Toy
Legal/Community Affairs	Director Lathi Director Toy	Director Fernandez	Director Kite	Director Handley
Legislative	Director Fernandez Director Toy	Director Handley	Director Kite	Director Lathi
Personnel	Director Lathi Director Kite	Director Fernandez	Director Handley	Director Toy
Investment Portfolio Ad Hoc	Director Lathi Director Handley	Director Toy	Director Kite	Director Fernandez

Background

Directors provided their preferences for internal committee assignments following the April 22, 2024, Board of Directors meeting.

Previous Board Action

The Board receives this information item on an annual basis.

Attachments

1. 3070 Boardmember Officers and Committee Membership
2. Internal Cmte Assignments 2014 to Present
3. Board Internal Committee Preferences 2024-2025 with assignments from President Toy

Union Sanitary District
Policy and Procedure Manual

Effective: 4/26/2021	Boardmember Officers and Committee Membership	Policy Number 3070 Page 1 of 4
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Policy

Selection of Board Officers will be held annually at the first regular meeting following the certification of Board election results in election years or approximately one year after the election of Board Officers in non-election years. Internal Board committee memberships and Board representation for External Committees shall be established following the selection of the Board Officers.

Purpose

To provide a written record of the procedure approved by the Board for electing its Officers and establishing its committee memberships.

Procedure

Board Officers

1. The Officers are President, Vice President, and Secretary and the term of office shall be for approximately one year, allowing for flexibility depending on the date of the election for Boardmembers. In election years, which occur every two years, the term shall run until after certification of election results. In non-election years, the term shall end and begin on such date as determined by the Board to allow for approximate one-year terms, with the understanding that terms may be either longer or shorter than one year depending on the date of the next District election.

2. The Board may, by motion, amend the titles of President and Vice President to Chair and Vice Chair, respectively, provided that the Chair, regardless of title, shall act as the “president” pursuant to California Health & Safety Code Section 6486. Throughout this Policy, the titles President and Vice President shall be used interchangeably with Chair and Vice Chair.

3. The President shall preside over the meetings of the Board of Directors and be responsible for the following:
 - a. maintaining order and following the published agenda
 - b. ensuring Boardmembers are allowed to participate in discussions
 - c. allowing the public to speak on agenda items
 - d. facilitating dialog among the public, staff, and Boardmembers
 - e. appointment of members of the Board of Directors to Internal Committee assignments
 - f. signing resolutions, ordinances, and construction contracts on behalf of the District

- g. representing the Board of Directors on issues or at events as designated by the full Board

The Vice President shall fulfill the duties of the President when the President is absent or otherwise unavailable.

The Secretary shall ensure the recording of the minutes of the Board of Directors meetings and sign the adopted Minutes, shall sign all Resolutions and Ordinances passed by the District, and shall serve as Vice President when the Vice President is absent or otherwise unavailable. If the President and Vice President are both absent, and a quorum is present, the Secretary shall preside over the meetings of the Board of Directors as the Board President.

4. During election years, the newly elected Boardmembers shall be sworn in as the first item of business on the agenda followed immediately by the selection of the Board Officers. During non-election years, the selection of the Board Officers shall be considered after the last motion item on the agenda. The Board shall elect the President, Vice-President, and Secretary for terms as set forth in Section 1 above. The election or removal of the President, Vice-President, or Secretary shall require a majority vote of the Board. The Board may choose to follow a rotation of officers.

The Board officers in office at the beginning of the meeting shall retain their positions until the adjournment of the meeting and the newly selected Board Officers shall assume their duties immediately following this meeting.

Internal Board Committee Memberships

1. Internal committees are: Budget and Finance; Engineering and Information Technology; Legal/Community Affairs; Legislative; Personnel; and Audit Committee. There is no fixed schedule for meetings set by this policy and appointments are made by the President, as set forth below. Notwithstanding the above, meetings are noticed and open to the public.
2. Annually, following the election of Board officers, and at the same meeting as the election of the officers, Directors shall be provided a list of the internal committees along with an internal committee interest form. The internal committee interest form shall be completed in order of preference and provided to the General Manager, or designee, no later than 11 calendar days in advance of the next Board meeting.
3. The President is delegated the authority to appoint Directors to the internal committees. The President shall make every effort to rotate committee assignments and ensure a similar number of committee assignments for each Board member. Notice of internal committee membership appointments will be contained in an information item to the Board at the next regularly scheduled meeting following the selection of the Board Officers. The determination of the Board President on committee assignments shall be

considered final.

- 4. Ad Hoc committees are called as needed by a majority vote of the Board of Directors.

External Commissions / Committee Representatives (CCR)

- 1. External commissions/committees include: the EBDA Commission; the Joint Powers Authority for Geographic Information Systems; the Alameda County Water District Finance Authority (ACWDFA); and the Alameda County Chapter of the California Special Districts Association.
- 2. Membership on the EBDA Commission shall be a maximum of two consecutive years, with a possible three years in exceptional circumstances if approved by the Board.
- 3. The Board of Directors will elect representatives for External Committees annually. At the same meeting as the election of officers, Directors shall be provided a list of external committees along with an external committee interest form. The external committee interest form shall be completed in order of preference and provided to the General Manager, or designee, no later than 11 calendar days in advance of the meeting. The external committee interests shall be compiled in a motion item staff report by the General Manager, or designee, and provided to the Board for consideration. The Board shall elect the external committee representatives for one-year terms to start on July 1 of each year, or as otherwise decided by the Board majority, unless the assignment is vacant, in which case the term shall begin immediately upon election. The Board may choose to follow a rotation for representatives. The election or removal of external committee representatives shall require a majority vote of the Board.

Management Responsibility

The General Manager will be responsible for scheduling on the Board agenda, the election or appointment of Board officers and external commissions, pursuant to the schedule shown above. The General Manager, or designee, will provide the following to the new President, with copies to the Board: (1) a list of the last ten years and current committee memberships; (2) a copy of this policy; and (3) a list of internal committee interests. In consultation with the Board President, the General Manager will also be responsible for scheduling on the Board agenda the announcement of internal committee appointments.

Supersedes Policy Dated: July 2004, September 2005, January 2008, September 2010, October 2013, December 2016, December 2019

Approved by:	Board of Directors, April 2021
Reviewers:	General Manager, Board of Directors, District’s attorney
Notify Person:	General Manager
Review frequency:	Every 3 years
Next Review:	April 2024

Union Sanitary District

**BOARDMEMBER INTERNAL COMMITTEE ASSIGNMENTS
2014 - Present**

Date	Budget & Finance	Engineering & Information Technology	Legal/Community Affairs	Legislative	Personnel	Audit Committee
7/23-7/24	Tom Handley Pat Kite	Manny Fernandez Jennifer Toy	Pat Kite Anjali Lathi	Manny Fernandez Jennifer Toy	Anjali Lathi Jennifer Toy	Tom Handley Manny Fernandez
7/22-7/23	Pat Kite Jennifer Toy	Anjali Lathi Tom Handley	Anjali Lathi Pat Kite	Manny Fernandez Tom Handley	Manny Fernandez Jennifer Toy	Manny Fernandez Jennifer Toy
6/21-7/22	Anjali Lathi Jennifer Toy	Pat Kite Manny Fernandez	Anjali Lathi Tom Handley	Jennifer Toy Manny Fernandez	Pat Kite Jennifer Toy	Tom Handley Pat Kite
5/20-6/21	Pat Kite Jennifer Toy	Anjali Lathi Tom Handley	Jennifer Toy Manny Fernandez	Anjali Lathi Manny Fernandez	Pat Kite Tom Handley	Pat Kite Jennifer Toy
8/18-7/19	Pat Kite Jennifer Toy	Tom Handley Anjali Lathi	Manny Fernandez Tom Handley	Manny Fernandez Anjali Lathi	Manny Fernandez Pat Kite	Pat Kite Jennifer Toy
7/17-8/18	Tom Handley Jennifer Toy	Manny Fernandez Pat Kite	Tom Handley Anjali Lathi	Anjali Lathi Jennifer Toy	Pat Kite Jennifer Toy	Manny Fernandez Anjali Lathi
7/16-7/17	Tom Handley Anjali Lathi	Pat Kite Jennifer Toy	Tom Handley Anjali Lathi	Manny Fernandez Pat Kite	Manny Fernandez Jennifer Toy	Manny Fernandez Jennifer Toy
7/15-7/16	Manny Fernandez Pat Kite	Tom Handley Jennifer Toy	Pat Kite Anjali Lathi	Manny Fernandez Tom Handley	Manny Fernandez Jennifer Toy	Anjali Lathi Jennifer Toy
7/14-7/15	Anjali Lathi Tom Handley	Pat Kite Jennifer Toy	Pat Kite Tom Handley	Manny Fernandez Jennifer Toy	Manny Fernandez Anjali Lathi	Manny Fernandez Tom Handley
7/13-7/14	Jennifer Toy Pat Kite	Tom Handley Manny Fernandez	Anjali Lathi Tom Handley	Pat Kite Anjali Lathi	Jennifer Toy Manny Fernandez	Jennifer Toy Tom Handley

Preferences - Committees that meet on a regular basis			
Board Member	Budget & Finance	Engineering & IT	Legal & Community Affairs
Lathi	3	2	1
Toy			
Fernandez	2	1	3
Kite	1	2	3
Handley	2	1	3

Preferences - Committees that meet infrequently						
			Legislative	Personnel	Audit	Investment Ad Hoc
Lathi			3	2	4	1
Toy						
Fernandez			1	3	2	
Kite			2	1	3	
Handley			2	3	4	1

Internal Committee Assignments							
Board Member	Budget & Finance	Engineering & IT	Legal & Community Affairs	Legislative	Personnel	Audit	Investment Ad Hoc
Member	Kite	Fernandez	Lathi	Fernandez	Lathi	Fernandez	Lathi
Member	Toy	Handley	Toy	Toy	Kite	Kite	Handley
Alternate #1	Handley	Lathi	Fernandez	Handley	Fernandez	Handley	Toy
Alternate #2	Fernandez	Kite	Kite	Kite	Handley	Lathi	Kite
Alternate #3	Lathi	Toy	Handley	Lathi	Toy	Toy	Fernandez

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187206	4/18/2024	114	800532.22	W.M. LYLES CO	MP - AERATION BASIN MODIFICATIONS	\$1,875,738.49	\$1,875,738.49
187279	4/25/2024	114	800545.17	ZOVICH CONSTRUCTION	CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$1,498,471.42	\$1,498,471.42
187207	4/18/2024	114	800532.22E	W.M. LYLES CO	MP - AERATION BASIN MODIFICATIONS - ESCROW	\$98,723.08	\$98,723.08
187280	4/25/2024	114	800545.17E	ZOVICH CONSTRUCTION	CAMPUS BUILDINGS (ADMIN, FMC, OPS) - ESCROW	\$78,866.92	\$78,866.92
187175	4/18/2024	110	949021	HASA INC	4739 GALS SODIUM HYPOCHLORITE	\$15,241.69	\$45,950.21
	4/18/2024	110	950016		4766 GALS SODIUM HYPOCHLORITE	\$15,328.53	
	4/18/2024	110	950248		4782 GALS SODIUM HYPOCHLORITE	\$15,379.99	
187250	4/25/2024	110	9017828874	KEMIRA WATER SOLUTIONS INC	46,740 LBS FERROUS CHLORIDE	\$11,280.92	\$32,877.87
	4/25/2024	110	9017830216		48,520 LBS FERROUS CHLORIDE	\$10,358.59	
	4/25/2024	110	9017830626		47,160 LBS FERROUS CHLORIDE	\$11,238.36	
187199	4/18/2024	144	20652711	TELEDYNE ISCO INC	SAMPLING SUPPLIES	\$29,032.51	\$30,957.35
	4/18/2024		20653306		SAMPLING SUPPLIES	\$1,924.84	
187249	4/25/2024	143	W8Y07900016	JACOBS ENGINEERING GROUP, INC	PUMP STATIONS CHEMICAL SYSTEM IMPROVEMENTS	\$30,834.56	\$30,834.56
187209	4/18/2024	143	232275	WOODARD & CURRAN INC	ALVARADO BASIN CAPACITY & CONDITION	\$23,739.79	\$27,012.29
	4/18/2024	143	232277		ALVARADO BASIN CAPACITY & CONDITION	\$3,272.50	
187276	4/25/2024	121	53121	WECO INDUSTRIES LLC	SMALL TRUCK/CAMERA REPAIRS & PARTS	\$87.07	\$25,722.73
	4/25/2024	121	53450		240 GAL SANAFOAM VAPOROOTER	\$25,635.66	
187203	4/18/2024		533620240322	US BANK CORP PAYMENT SYSTEM	MONTHLY CAL-CARD REPORT - MAR 2024	\$24,909.47	\$24,909.47

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187180	4/18/2024	110	9017829127	KEMIRA WATER SOLUTIONS INC	46,820 LBS FERROUS CHLORIDE	\$11,280.92	\$21,937.48
	4/18/2024	110	9017829822		48,060 LBS FERROUS CHLORIDE	\$10,656.56	
187171	4/18/2024	173	17001100064319	GE DIGITAL LLC	SCADA TERMINAL SERVICES LICENSES	\$21,843.05	\$21,843.05
187204	4/18/2024	110	470017813	USP TECHNOLOGIES	4430 GALS HYDROGEN PEROXIDE	\$20,909.60	\$20,909.60
187154	4/18/2024	170	2223201	BOULDEN ENERGY SYSTEMS LLC	COGEN HOT WATER AND DECOUPLING HEAT EXCHANGERS	\$17,324.33	\$17,324.33
187268	4/25/2024		25196	SANS INSTITUTE	SCADA SECURITY TRAINING	\$13,938.00	\$13,938.00
187186	4/18/2024	113	2365757572	MIELE PROFESSIONAL PRODUCTS	LABORATORY DISHWASHER	\$12,539.45	\$12,539.45
187221	4/25/2024		20240422	STATE OF CALIFORNIA	SALES & USE TAX 01/01/24 - 03/31/2024	\$12,318.66	\$12,318.66
187178	4/18/2024	132	102935	HSI WORKPLACE COMPLIANCE	SDS MANAGEMENT	\$5,035.00	\$11,945.00
	4/18/2024	132	102936		HSI SAFETY COURSE 04/26-24 - 04/25/27	\$6,910.00	
187157	4/18/2024	150	318187	BURKE, WILLIAMS & SORENSON LLP	GENERAL LEGAL - FEB 2024	\$4,958.72	\$11,048.96
	4/18/2024	150	318189		ETSU - FEB 2024	\$1,364.48	
	4/18/2024	150	318190		STANDBY POWER PROJECT - FEB 2024	\$3,394.56	
	4/18/2024	150	318191		STEVENSON BLVD LIFT STATION - FEB 2024	\$1,331.20	
187226	4/25/2024	173	31274	CDW GOVERNMENT LLC	1 FOB SWITCH	\$852.25	\$10,773.05
	4/25/2024	173	37863		2 FOB SWITCHES	\$9,920.80	
187224	4/25/2024	143	49127	CAROLLO ENGINEERS	PLANT MISCELLANEOUS IMPROVEMENTS	\$10,765.91	\$10,765.91
187176	4/18/2024	143	201180129	HAZEN AND SAWYER	PRIMARY DIGESTER NO. 6 REHABILITATION	\$1,860.00	\$10,295.00
	4/18/2024	150	201180136		CO-DIGESTION FEASIBILITY STUDY FEB 24	\$8,435.00	

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187253	4/25/2024		525045	LUBRICATION ENGINEERS INC	GREASE	\$5,304.91	\$7,930.44
	4/25/2024		525159		OIL AND GREASE	\$2,625.53	
187146	4/18/2024	170	5306105	ALL INDUSTRIAL ELECTRIC SUPPLY	11 NPS UPS18C APC BATTERIES	\$7,880.06	\$7,880.06
187256	4/25/2024	132	4586	MOBILE HEALTH DIAGNOSTICS, LLC	AUDIOMETRIC AND RESPIRATOR FIT TESTING	\$7,880.00	\$7,880.00
187145	4/18/2024	170	4047286120240402	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 04/01/24 - PASEO PADRE	\$67.49	\$5,990.21
	4/18/2024	120	4111993720240401		SERV TO: 03/29/24-MTR HYD B18190916	\$665.39	
	4/18/2024	120	4111994020240401		SERV TO: 03/29/24-MTR HYD B32896070	\$675.14	
	4/18/2024	120	4111994120240401		SERV TO: 03/29/24-MTR HYD B18105183	\$660.51	
	4/18/2024	120	4111994220240401		SERV TO: 03/29/24-MTR HYD B19274848	\$670.26	
	4/18/2024	120	4111994320240401		SERV TO: 03/29/24-MTR HYD B18190921	\$660.51	
	4/18/2024	120	4111996820240401		SERV TO: 03/29/24-MTR HYD B16435273	\$1,118.76	
	4/18/2024	120	4111996920240401		SERV TO: 03/29/24-MTR HYD B16435274	\$777.51	
	4/18/2024	120	4112871220240401		SERV TO: 03/29/24-MTR HYD B33481985	\$694.64	
187262	4/25/2024	130	14191634	PFM ASSET MANAGEMENT LLC	INVESTMENT MANAGEMENT / ADVISORY SERVICES	\$5,840.62	\$5,840.62
187169	4/18/2024	170	253361	FRANK A OLSEN COMPANY	THICKENER SCUM PIT 6 INCH PLUG VALVES	\$2,553.01	\$5,368.87
	4/18/2024	143	253371		FMCR4 - 3IN PLUG VALVE AND LEVERS	\$2,815.86	
187174	4/18/2024	144	7227147	HALO BRANDED SOLUTIONS INC	5000 WORKBOOKS	\$5,093.55	\$5,093.55
187242	4/25/2024	120	396	FORMULA DESIGN	PUBLIC WEBSITE CMS MIGRATION	\$5,000.00	\$5,000.00
187271	4/25/2024	130	506514	TRACKER, A DIV OF C2, LLC	PORTFOLIO ACCOUNTING & REPORTING ANNUAL	\$4,860.00	\$4,860.00

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187244	4/25/2024	122	9056932016	GRAINGER INC	ASTD PARTS & MATERIALS	\$119.44	\$4,650.78
	4/25/2024	122	9057013998		ASTD PARTS & MATERIALS	\$18.96	
	4/25/2024	170	9059188434		ASTD PARTS & MATERIALS	\$978.01	
	4/25/2024	170	9059454000		ASTD PARTS & MATERIALS	\$63.24	
	4/25/2024	122	9059454018		ASTD PARTS & MATERIALS	\$5.31	
	4/25/2024		9059454026		ASTD PARTS & MATERIALS	\$3,465.82	
187270	4/25/2024		30092459	THE ADAM HILL COMPANY	5 LEADER HOSES	\$4,324.07	\$4,324.07
187198	4/18/2024		6000829414	STAPLES CONTRACT & COMMERCIAL	JANITORIAL & BREAKROOM SUPPLIES	\$1,526.01	\$4,313.80
	4/18/2024		6000829415		JANITORIAL & BREAKROOM SUPPLIES	\$1,233.15	
	4/18/2024		6000829416		JANITORIAL & BREAKROOM SUPPLIES	\$206.96	
	4/18/2024		6000829417		JANITORIAL & BREAKROOM SUPPLIES	\$147.45	
	4/18/2024		6000829418		JANITORIAL & BREAKROOM SUPPLIES	\$288.73	
	4/18/2024		6000829419		JANITORIAL & BREAKROOM SUPPLIES	\$75.92	
	4/18/2024		6000829420		JANITORIAL & BREAKROOM SUPPLIES	\$741.35	
	4/18/2024		6000829421		JANITORIAL & BREAKROOM SUPPLIES	\$94.23	
187152	4/18/2024	144	321527	BMI IMAGING SYSTEMS	CREATING PDF FILES OF EC DOCUMENTS	\$3,651.08	\$3,651.08
187245	4/25/2024	170	99310561	H & E EQUIPMENT SERVICES INC	EQUIPMENT RENTAL 03/20/2024 - 04/16/2024	\$3,346.30	\$3,346.30

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187173	4/18/2024		9047017612	GRAINGER INC	ASTD PARTS & MATERIALS	\$1,451.26	\$3,305.14
	4/18/2024	111	9048083910		ASTD PARTS & MATERIALS	\$76.28	
	4/18/2024		9048485966		ASTD PARTS & MATERIALS	\$510.29	
	4/18/2024	122	9050839712		ASTD PARTS & MATERIALS	\$45.09	
	4/18/2024	122	9051276070		ASTD PARTS & MATERIALS	\$34.95	
	4/18/2024	122	9051276088		ASTD PARTS & MATERIALS	\$172.22	
	4/18/2024		9052618437		ASTD PARTS & MATERIALS	\$1,015.05	
187278	4/25/2024	143	5383	WORKSMART AUTOMATION INC	PLANT MISCELLANEOUS IMPROVEMENTS	\$3,276.53	\$3,276.53
187192	4/18/2024	132	194589	PREFERRED ALLIANCE INC	REASONABLE SUSPICION TRAINING FOR MANAGEMENT	\$2,720.00	\$2,720.00
187182	4/18/2024		48309	LAM RESEARCH CORP	REFUND # 61015	\$2,500.00	\$2,500.00
187248	4/25/2024	141	JJBG113	IRON MOUNTAIN	OFF-SITE STORAGE AND SERVICE - APR 24	\$763.00	\$2,404.72
	4/25/2024	141	JJKM795		OFF-SITE STORAGE AND SERVICE - APR 24	\$1,641.72	
187259	4/25/2024		106856	MUNIQUEIP, LLC	PUMP PARTS	\$1,629.36	\$2,271.71
	4/25/2024		106859		PUMP PARTS	\$642.35	
187231	4/25/2024	170	20240863	COMPACTOR MANAGEMENT COMPANY	TRASH COMPACTOR HOA SWITCH REPAIRS	\$2,144.84	\$2,144.84
187214	4/25/2024	121	18438	AMERICAN DISCOUNT SECURITY	03/01/24 -03/29/24 GUARD AT DISTRICT	\$2,132.55	\$2,132.55

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187254	4/25/2024	170	24270941	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$39.54	\$2,121.84
	4/25/2024	123	24508226		ASTD PARTS & MATERIALS	\$1,469.04	
	4/25/2024	170	24881437		ASTD PARTS & MATERIALS	\$223.80	
	4/25/2024		25410864		ASTD PARTS & MATERIALS	\$75.76	
	4/25/2024	170	25422160		ASTD PARTS & MATERIALS	\$80.95	
	4/25/2024	170	25498355		ASTD PARTS & MATERIALS	\$64.80	
	4/25/2024		25711395		ASTD PARTS & MATERIALS	\$167.95	
187153	4/18/2024	132	1688	BOUCHER LAW, PC	LABOR & EE LAW SERV DEC 2023	\$2,070.00	\$2,070.00
187219	4/25/2024	143	11516502	BROWN & CALDWELL CONSULTANTS	DIGESTER EFFICIENCY EVALUATION	\$2,048.28	\$2,048.28
187229	4/25/2024		198709247	COLORADO WASHINGTON INC COMCAST OF	FIBER INTERNET BACKUP - APR 2024	\$2,040.71	\$2,040.71
187177	4/18/2024	130	9721053	HF&H CONSULTANTS, LLC	SEWER RATE MODELING	\$1,997.50	\$1,997.50
187251	4/25/2024	132	265738	LIEBERT CASSIDY WHITMORE	HARASSMENT TRAINING FOR SUPERVISORS	\$1,925.00	\$1,925.00
187165	4/18/2024		20240325	DALE HARDWARE INC	03/24 - ASTD PARTS & MATERIALS	\$1,777.98	\$1,777.98
187191	4/18/2024	170	096020240405	PACIFIC GAS AND ELECTRIC	SERV TO 03/31/24 CATHODIC PROJECT	\$-10.55	\$1,699.73
	4/18/2024	170	380420240405		SERV TO 03/31/24 CHERRY ST PS	\$689.29	
	4/18/2024	170	666720240405		SERV TO 03/31/24 PASEO PADRE PS	\$616.03	
	4/18/2024	170	898220240405		SERV TO 03/31/24 FREMONT PS	\$404.96	
187257	4/25/2024	170	2549736	MOBILE MODULAR MANAGEMENT CORP	FMC TRAILER RENTAL - APR 2024	\$1,635.19	\$1,635.19
187220	4/25/2024	143	318188	BURKE, WILLIAMS & SORENSON LLP	CIP - FEB 2024	\$1,597.44	\$1,597.44

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187183	4/18/2024	132	1041156	LIGHTHOUSE SERVICES, LLC	ANNUAL FRAUD HOTLINE FEE 2/1/2023 - 2/1/2024	\$759.00	\$1,574.93
	4/18/2024	132	1047697		ANNUAL FRAUD HOTLINE FEE 2/1/2024 - 2/1/2025	\$815.93	
187205	4/18/2024	113	8815683015	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$1,341.93	\$1,563.70
	4/18/2024	113	8815683016		LAB SUPPLIES	\$140.48	
	4/18/2024	113	8815683018		LAB SUPPLIES	\$81.29	
187149	4/18/2024		5180321708	ARAMARK	UNIFORM LAUNDERING & RUGS	\$641.92	\$1,548.92
	4/18/2024		5180321709		UNIFORM LAUNDERING SERVICE	\$791.04	
	4/18/2024	122	5180321710		ASTD DUST MOPS, WET MOPS & TERRY	\$115.96	
187269	4/25/2024	170	445137288	TERMINIX COMMERCIAL	PEST CONTROL	\$182.00	\$1,506.00
	4/25/2024	170	445139217		PEST CONTROL	\$148.00	
	4/25/2024	170	445139218		PEST CONTROL	\$1,176.00	
187275	4/25/2024	111	20240419	KAHOU VONG	EXP REIMB: REG, LODGING, PER DIEM & MILEAGE - CWEA CONF	\$1,414.40	\$1,414.40
187236	4/25/2024	170	906398790	EVOQUA WATER TECHNOLOGIES	DI WATER SYSTEM	\$516.47	\$1,406.46
	4/25/2024	170	906405763		DI WATER SYSTEM	\$889.99	
187162	4/18/2024	132	286650	CLAREMONT BEHAVIORAL SERVICES	APR 2024 EAP PREMIUMS	\$671.60	\$1,321.60
	4/18/2024	132	287199		HARASSMENT PREVENTION TRAINING 03212024	\$650.00	
187230	4/25/2024	170	20240401	COMMUNICATION & CONTROL INC	UTILITY FEE/ANTENNA RENTAL	\$1,275.40	\$1,275.40
187164	4/18/2024	132	82613126	CONCENTRA MEDICAL CENTERS	2 NEW HIRE PHYSICAL	\$661.00	\$1,265.00
	4/18/2024	132	82685529		2 NEW HIRE PHYSICAL	\$604.00	

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187252	4/25/2024	173	31685MSA	LOOKINGPOINT INC	LOOKINGPOINT NEXT CARE RENEWAL	\$1,225.00	\$1,225.00
187167	4/18/2024	110	8042031	EAST BAY MUNI UTILITY DISTRICT	FY24 BACC PARTICIPATION FEE	\$1,198.80	\$1,198.80
187166	4/18/2024	121	20240415	MANUEL DEL TORO	EXP REIMB: LODGING, PARKING & PER DIEM - CWEA CONFERENCE	\$1,164.99	\$1,164.99
187196	4/18/2024	123	20240415	JOEL SALDANA	EXP REIMB: LODGING, PARKING & PER DIEM - CWEA CONFERENCE	\$1,164.99	\$1,164.99
187223	4/25/2024	173	6007496913	CANON SOLUTIONS AMERICA INC	MTHLY MAINTENANCE BASED ON USE	\$742.42	\$1,160.17
	4/25/2024	173	6007497821		MTHLY MAINTENANCE BASED ON USE	\$417.75	
187190	4/18/2024	120	20240417	SHAWN NESGIS	EXP REIMB: LODGING; PARKING & PER DIEM - CWEA CONFERENCE	\$1,151.27	\$1,151.27
187213	4/25/2024	122	11CTT4YF7L1V	AMAZON.COM LLC	ASTD OFFICE SUPPLIES	\$48.20	\$1,117.68
	4/25/2024	120	169617X1VFQT		ASTD OFFICE SUPPLIES	\$290.17	
	4/25/2024	171	1CNDPQJC3GXM		ASTD OFFICE SUPPLIES	\$203.19	
	4/25/2024	170	1DLGLVKRVYXX		ASTD OFFICE SUPPLIES	\$422.64	
	4/25/2024	113	1FJF19D4C1TH		ASTD OFFICE SUPPLIES	\$118.83	
	4/25/2024	171	1TDL1GT1CJFJ		ASTD OFFICE SUPPLIES	\$23.15	
	4/25/2024	120	1W34RDTN6V9G		ASTD OFFICE SUPPLIES	\$11.50	
187189	4/18/2024		20240331	NAPA AUTO PARTS	MONTHLY AUTO PARTS STMT - MAR 2024	\$1,091.32	\$1,091.32
187155	4/18/2024	123	20240415	STEVE BULLIS	EXP REIMB: LODGING & PER DIEM - CWEA CONFERENCE	\$1,074.27	\$1,074.27
187150	4/18/2024		21530742	AT&T	SERV: 03/10/24 - 04/09/24	\$1,013.33	\$1,013.33
187235	4/25/2024		49559	DRIVYN DEVELOPMENT INC	REFUND # 61035	\$500.00	\$1,000.00
	4/25/2024		49694		REFUND # 61036	\$500.00	

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187194	4/18/2024	170	107248	PRIME MECHANICAL SERVICE INC	MONTHLY MAINTENANCE BLDGS 81, 90, 54 - MAR 24	\$992.00	\$992.00
187195	4/18/2024	171	20240415	LOUIS RIVERA III	EXP REIMB: LODGING, PARKING & MILEAGE - CWEA CONFERENCE	\$987.02	\$987.02
187185	4/18/2024	170	24522362	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$33.19	\$948.45
	4/18/2024	170	25030990		ASTD PARTS & MATERIALS	\$88.14	
	4/18/2024	170	25113469		ASTD PARTS & MATERIALS	\$381.40	
	4/18/2024	170	25164682		ASTD PARTS & MATERIALS	\$223.17	
	4/18/2024		25171862		ASTD PARTS & MATERIALS	\$222.55	
187159	4/18/2024	113	718147	CALTEST ANALYTICAL LABORATORY	11 LAB SAMPLE ANALYSIS	\$845.48	\$939.32
	4/18/2024	113	718231		2 LAB SAMPLE ANALYSIS	\$93.84	
187158	4/18/2024	121	20240415	ISAIAH CAETANO	EXP REIMB: LODGING - CWEA CONFERENCE	\$933.99	\$933.99
187188	4/18/2024	170	2401056332	MOTION INDUSTRIES INC	ASTD PARTS & MATERIALS	\$882.24	\$882.24
187265	4/25/2024	170	439018	ROCHESTER MIDLAND CORPORATION	HOT WATER LOOP SERVICE	\$825.28	\$825.28
187156	4/18/2024	121	20240417	STUART BULLIS	EXP REIMB: LODGING - CWEA CONFERENCE	\$798.27	\$798.27
187187	4/18/2024	123	20240415	MICHAEL MINCHACA	EXP REIMB: LODGING - CWEA CONFERENCE	\$798.27	\$798.27
187216	4/25/2024	111	20240422	RAMANJOT BAINS	EXP REIMB: CWEA CONF LODGING/PER DIEM/MILEAGE/PARKING	\$780.03	\$780.03
187255	4/25/2024	170	240448	METROMOBILE COMMUNICATIONS INC	RADIO SERVICE - APR 2024	\$772.91	\$772.91
187172	4/18/2024	173	20240403	MICHAEL GILL	EXP REIMB: TOOLS	\$753.30	\$753.30
187148	4/18/2024	120	1X6M7FMQ1T3T	AMAZON.COM LLC	ASTD OFFICE SUPPLIES	\$319.92	\$689.46
	4/18/2024	122	1XGRHRHQFTDH		ASTD OFFICE SUPPLIES	\$369.54	

**UNION SANITARY DISTRICT
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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187215	4/25/2024		5180323846	ARAMARK	UNIFORM LAUNDERING SERVICE	\$637.06	\$637.06
187237	4/25/2024	173	2024487	FARALLON GEOGRAPHICS INC	ARCHES SSC SOFTWARE SUPPORT	\$608.75	\$608.75
187267	4/25/2024		2192690001	SAN LEANDRO ELECTRIC SUPPLY	ASTD ELECTRICAL SUPPLIES	\$597.67	\$597.67
187147	4/18/2024	170	53074	ALLIED FLUID PRODUCTS CORP	WASHER COMPACTOR CHUTE MATERIAL	\$518.56	\$518.56
187151	4/18/2024	144	18734270	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$195.68	\$516.12
	4/18/2024	120	18735000		ASTD OFFICE SUPPLIES	\$85.76	
	4/18/2024		18742170		ASTD OFFICE SUPPLIES	\$234.68	
187210	4/18/2024		49448	REBECCA YU	REFUND # 61011	\$500.00	\$500.00
187211	4/25/2024		49699	A.J. BONO PLUMBING	REFUND # 61027	\$500.00	\$500.00
187212	4/25/2024		49603	ALL PIPES PLUMBING & BACKFLOW	REFUND # 60991	\$500.00	\$500.00
187238	4/25/2024		27137	JUSTIN FARRELL	REFUND # 61037	\$500.00	\$500.00
187246	4/25/2024	120	180532	HANIGAN COMPANY INC	BUSINESS CARDS - 12 NAMES	\$449.31	\$449.31
187272	4/25/2024	122	159555	TRI-SIGNAL INTEGRATION INC	FIRE PROTECTION SERVICE - MONITORING AGREEMENT 04/01/24-06/31	\$400.00	\$400.00
187228	4/25/2024	150	33591	CITYLEAF INC	PLANT MAINTENANCE - APR 2024	\$361.62	\$361.62
187263	4/25/2024		194695	PREFERRED ALLIANCE INC	MAR 2024 SERVICE FEE	\$352.98	\$352.98
187163	4/18/2024	170	20240749	COMPACTOR MANAGEMENT COMPANY	HEADWORKS RAG COMPACTOR MAINTENANCE	\$350.00	\$350.00
187179	4/18/2024	170	1926102011927	INTERSTATE ALL BATTERY CENTER	1 BATTERY	\$326.93	\$326.93
187232	4/25/2024	173	30713196	CORELOGIC INFORMATION SOLUTION	REALQUEST SWM RENEWAL	\$318.27	\$318.27
187233	4/25/2024	173	10727296165	DELL MARKETING LP C/O DELL USA	REPLACE DAMAGED SERVER PART	\$297.52	\$297.52

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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187277	4/25/2024	110	20240424	WEF-WATER ENVIRONMENT FED	WEF MEMBERSHIP A LOPEZ	\$296.00	\$296.00
187208	4/18/2024	170	20383	WESTERN MACHINE & FAB INC	2 CASTIRON SPOOLS REMOVE PITS	\$280.00	\$280.00
187260	4/25/2024	170	246956	NAYLOR STEEL INC	ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$276.43	\$276.43
187193	4/18/2024	171	292661	PRESTIGE LENS LAB	SAFETY GLASSES - SEPULVEDA	\$261.37	\$261.37
187241	4/25/2024		211659	FITGUARD INC	PREVENTATIVE MAINTENANCE - EXERCISE CLUB EQUIPMENT	\$259.00	\$259.00
187201	4/18/2024	170	81880492	TFORCE FREIGHT	FREIGHT - WESTERN ENERGY SYSTEMS	\$250.76	\$250.76
187170	4/18/2024	144	179442	FREMONT RUBBER STAMP CO INC	2 PREINK STAMPS	\$217.24	\$217.24
187261	4/25/2024	132	424344	OCCU-MED LTD	2 EMPLOYMENT MEDICAL EVALUATIONS	\$200.00	\$200.00
187234	4/25/2024	120	240404281101	DIRECT LINE TELERESPONSE	MONTHLY SERVICE APR 2024	\$185.00	\$185.00
187227	4/25/2024	170	1904765670	CINTAS CORPORATION	NEW EMPLOYEE JACKETS - JAVIER HERNANDEZ	\$170.65	\$170.65
187197	4/18/2024	141	20240331	SPOK INC	APR 2024 PAGER SERVICE	\$166.58	\$166.58
187168	4/18/2024	144	139271	FOLGER GRAPHICS	500 PET PESTICIDES RACK CARDS	\$160.59	\$160.59
187264	4/25/2024	172	20240416	HERNAN RAMIREZ GUERRERO	TRAVEL REIMB: MILEAGE FOR ROSEVILLE ENERGY REC PROJ	\$140.70	\$140.70
187184	4/18/2024	113	2403F68	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$130.00	\$130.00
187218	4/25/2024	132	1782	BOUCHER LAW, PC	LABOR & EE LAW SERV DEC 2023	\$127.50	\$127.50
187247	4/25/2024		3T8726	HARRINGTON INDUSTRIAL PLASTICS	ASTD PARTS & MATERIALS	\$116.94	\$116.94
187274	4/25/2024		9960472688	VERIZON WIRELESS	WIRELESS SERV 03/02/24-04/01/24	\$101.27	\$101.27
187217	4/25/2024	141	18755050	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$92.68	\$97.11
	4/25/2024	141	18755051		ASTD OFFICE SUPPLIES	\$4.43	

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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187258	4/25/2024	122	9066804	MOTION & FLOW CONTROL PRODUCTS	ASTD PARTS & MATERIALS	\$91.65	\$91.65
187160	4/18/2024	170	20240414	PETE CHAPARRO	EXP REIMB: MILEAGE FOR CALL OUT	\$26.39	\$68.32
	4/18/2024	170	20240415		EXP REIMB: MILEAGE FOR CALL OUT	\$24.38	
	4/18/2024	171	20240415.1		EXP REIMB: MILEAGE FOR CALL OUT	\$17.55	
187239	4/25/2024	110	20240424	AUSTIN FARSAI	EXP REIMB: MILEAGE-FAIRFIELD SUISUN SEWER DISTRICT TOUR	\$64.72	\$64.72
187243	4/25/2024	111	20240424	MAURICE FORTNER	EXP REIMB: RED WING SAFETY BOOT INSOLES	\$60.00	\$60.00
187202	4/18/2024	136	98XW53124	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 03/23/24	\$59.28	\$59.28
187222	4/25/2024	113	718399	CALTEST ANALYTICAL LABORATORY	1 LAB SAMPLE ANALYSIS	\$58.65	\$58.65
187200	4/18/2024		20240416	KAROLINE TERRAZAS	EXP REIMB: MATERIALS FOR ETHICS TRAINING	\$54.17	\$54.17
187225	4/25/2024	132	20240418	SARAH CAVIN	EXP REIMB: TEMP EE LIVESCAN FEE	\$47.00	\$47.00
187240	4/25/2024	111	843933205	FEDERAL EXPRESS CORPORATION	SHIPPING SERVICE - TPO	\$42.77	\$42.77
187181	4/18/2024	173	12198286	KRONOS SAASHR INC	UKG READY TESTING OVERAGE	\$1.00	\$37.00
	4/18/2024	173	12215276		UKG READY TESTING OVERAGE	\$18.00	
	4/18/2024	173	12219558		UKG READY TESTING OVERAGE	\$18.00	
187161	4/18/2024	143	20240412	DEREK CHIU	EXP REIMB: MEAL AND PARKING - CWEA CONFERENCE	\$33.23	\$33.23
187273	4/25/2024	136	98XW53134	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 03/30/24	\$32.90	\$32.90
187266	4/25/2024	120	20240422	JESSICA RODRIGUEZ	EXP REIMB: TEAM MTG BIRTHDAY CELEBRATIONS	\$10.99	\$10.99

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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am	
Invoices:					Checks:			
Credit Memos :			1	-10.55				
\$0 - \$1,000 :			137	47,037.31	\$0 - \$1,000 :	62	23,933.15	
\$1,000 - \$10,000 :			58	166,289.98	\$1,000 - \$10,000 :	51	140,037.17	
\$10,000 - \$100,000 :			22	522,146.55	\$10,000 - \$100,000 :	21	571,492.97	
Over \$100,000 :			2	3,374,209.91	Over \$100,000 :	2	3,374,209.91	
Total:			220	4,109,673.20	Total:	136	4,109,673.20	

2024 Bay Philharmonic Young Recitalists

SUBMITTED BY THE
BAY PHILHARMONIC GUILD

The Bay Philharmonic is excited to announce the winners of the 2024 Young Recitalist competition! The Young Recitalist competition is in its 6th year, and showcases exceptional local musical talent.

Soloist winners:

Jill Chen, Clarisse Chong, Cailey Chong, Johnny Du, Ethan Li, Haidi Lim, Evangeline Zou

Ensemble winners:

Perfect 4ths Quartet – Bhavya Babellapati, Adlai Hecker, Calvin Laceywell, Pooja Verma; Piano Ensemble – Jeremy Chen, Sarah Dailey, Stelly Fong, Chloe Truong; Chamber Trio – Bhavya Babellapati, Pooja Verma, Brayden Fung.

The 2024 competition took place on Saturday, March 23 at First United Methodist Church, Fremont. The competition was judged by Kathryn Juneau,

principal violist for the Bay Philharmonic, Lawrence Rhodes, Bassoon player for the Bay Philharmonic, and Merna Morse, Bay Philharmonic Youth Orchestra program liaison.

A program featuring the 2024 Recitalists will be held on Sunday, April 21 at First United Methodist Church in Fremont. The program will include works by Beethoven, Berkovich, Gaubert, Lalo, Lavignac, Liszt, Mozart, Muczynski, and Ravel. Tickets are available at the door (cash/check only): \$20 for adults, \$10 for students.

Bay Philharmonic
Young Recitalists Program
Sunday, Apr 21
2 p.m.

First United Methodist Church
2950 Washington Blvd.,
Fremont
(510) 371-4860
<https://bayphil.org/>
Tickets: \$20 adults,
\$10 students



Cailey Chong



Clarisse Chong



Ethan Li



Haidi Lim



Jill Chen



Johnny Du



Perfect 4ths Quartet



Piano Ensemble (Dailey, Chen, Truong, Fong)

NILES

Wildflower, Art, & Garden Show

April 21st
10 am - 3 pm

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Open Studios
Art & Quilt Displays
Vendors on Niles Blvd.

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\$20 AT DOOR

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Visit Union Sanitary District's Booth At Fremont's Earth Day Celebration

Saturday, April 20 - 11 a.m. to 3 p.m.

Downtown Event Center & Plaza
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Or visit www.unionsanitary.ca.gov

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