



**BOARD MEETING AGENDA**  
**Monday, July 10, 2017**  
**Regular Meeting - 7:00 P.M.**

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

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

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

Karen W. Murphy  
*Attorney*

1. Call to Order.

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2. Pledge of Allegiance.

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3. Roll Call.

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- Motion 4. Approve Minutes of the Special Meeting of June 20, 2017.

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- Motion 5. Approve Minutes of the Meeting of June 26, 2017.

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6. Written Communications.

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7. Oral Communications.  
*The public may provide oral comments at regular and special Board meetings; however, whenever possible, written statements are preferred (to be received at the Union Sanitary District office at least one working day prior to the meeting). This portion of the agenda is where a member of the public may address and ask questions of the Board relating to any matter within the Board's jurisdiction that is not on the agenda. If the subject relates to an agenda item, the speaker should address the Board at the time the item is considered. Oral comments are limited to three minutes per individuals, with a maximum of 30 minutes per subject. Speaker's cards will be available in the Boardroom and are to be completed prior to discussion.*

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- Motion 8. Consider a Resolution to Accept and Adopt all of Volume 1 and Union Sanitary District's Portion of Volume 2 of the Union City/Newark Multijurisdictional Hazard Mitigation Plan *(to be reviewed by the Budget & Finance Committee)*.

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- Motion 9. Authorize the General Manager to Execute Task Order No. 3 with West Yost Associates for the Force Main Corrosion Repairs Project - Phase 1 *(to be reviewed by the Engineering and Information Technology Committee)*.

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- Motion 10. Award the Construction Contract for the Newark Pump Station Wet Well Improvements Project to D.W. Nicholson Corporation *(to be reviewed by the Engineering and Information Technology Committee)*.

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- Motion 11. Consider an Updated Resolution Authorizing Investment of Monies in the Local Agency Investment Fund (LAIF) *(to be reviewed by the Budget & Finance Committee)*.

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- Motion 12. Consider Options for Scheduling Special Meetings and Workshops.

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- Motion 13. Election of Officers for the Board of Directors for Fiscal Year 2018 and Consideration of Amendment of Board Officer Titles.

- Information 14. May 2017 Monthly Financial Reports *(to be reviewed by the Budget & Finance Committee)*.
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- Information 15. Check Register.
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- Information 16. Committee Meeting Reports. *(No Board action is taken at Committee meetings)*:
- a. Budget & Finance Committee – Thursday, July 6, 2017, at 12:30 p.m.
    - Director Fernandez and Director Toy
  - b. Engineering and Information Technology Committee – Friday, July 7, 2017, at 9:30 a.m.
    - Director Kite and Director Toy
  - c. Legal/Community Affairs Committee – will not meet.
  - d. Personnel Committee – will not meet.
  - e. Audit Committee – will not meet.
  - f. Legislative Committee – will not meet.
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- Information 17. General Manager’s Report. *(Information on recent issues of interest to the Board)*.
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18. 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.
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19. Adjournment – The Board will adjourn to a Special Meeting in the Boardroom on Tuesday, July 11, 2017, at 5:30 p.m.
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20. Adjournment – The Board will then adjourn to the next Regular Meeting in the Boardroom on Monday, July 24, 2017, at 7:00 p.m.

The Public may provide oral comments at regular and special Board meetings; however, whenever possible, written statements are preferred (to be received at the Union Sanitary District at least one working day prior to the meeting).  
 If the subject relates to an agenda item, the speaker should address the Board at the time the item is considered. If the subject is within the Board’s jurisdiction but not on the agenda, the speaker will be heard at the time “Oral Communications” is calendared. Oral comments are limited to three minutes per individual, with a maximum of 30 minutes per subject. Speaker’s cards will be available in the Boardroom and are to be completed prior to discussion of the agenda item.

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. THE PUBLIC IS INVITED TO ATTEND



**BUDGET & FINANCE COMMITTEE MEETING**  
Committee Members: Director Fernandez and Director Toy

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

**AGENDA**  
**Thursday, July 6, 2017**  
**12:30 p.m.**

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

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

Karen W. Murphy  
*Attorney*

**THIS MEETING WILL BE TELECONFERENCED WITH DIRECTOR TOY FROM THE GLENMOOR ELEMENTARY SCHOOL PARKING LOT AT 4620 MATTOS DRIVE FREMONT, CALIFORNIA. THE TELECONFERENCE LOCATION SHALL BE ACCESSIBLE TO THE PUBLIC.**

1. Call to Order

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2. Roll Call

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3. Public Comment

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4. Items to be reviewed for the Board meeting of July 10, 2017:
  - Consider a Resolution to Accept and Adopt all of Volume 1 and Union Sanitary District's Portion of Volume 2 of the Union City/Newark Multijurisdictional Hazard Mitigation Plan
  - Consider an Updated Resolution Authorizing Investment of Monies in the Local Agency Investment Fund (LAIF)
  - May 2017 Monthly Financial Reports

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5. Adjournment

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Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting. No action will be taken at committee meetings.

The Public may provide oral comments at regular and special Board meetings; however, whenever possible, written statements are preferred (to be received at the Union Sanitary District at least one working day prior to the meeting).

If the subject relates to an agenda item, the speaker should address the Board at the time the item is considered. If the subject is within the Board's jurisdiction but not on the agenda, the speaker will be heard at the time "Public Comment" is calendared. Oral comments are limited to three minutes per individual, with a maximum of 30 minutes per subject. Speaker's cards will be available and are to be completed prior to discussion of the agenda item.

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.

THE PUBLIC IS INVITED TO ATTEND



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

**ENGINEERING & INFORMATION TECHNOLOGY  
COMMITTEE MEETING**  
Committee Members: Director Kite and Director Toy

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

**AGENDA**  
**Friday, July 7, 2017**  
**9:30 A.M.**

Karen W. Murphy  
*Attorney*

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

**THIS MEETING WILL BE TELECONFERENCED WITH DIRECTOR KITE FROM THE EXTERIOR OF  
35040 NEWARK BOULEVARD, NEWARK, CALIFORNIA.**  
**THIS MEETING WILL ALSO BE TELECONFERENCED WITH DIRECTOR TOY FROM THE GLENMOOR ELEMENTARY  
SCHOOL PARKING LOT AT 4620 MATTOS DRIVE FREMONT, CALIFORNIA.**  
**THE TELECONFERENCE LOCATIONS SHALL BE ACCESSIBLE TO THE PUBLIC.**

1. Call to Order

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2. Roll Call

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3. Public Comment

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4. Items to be reviewed for the Board meeting of July 10, 2017:
  - Authorize the General Manager to Execute Task Order No. 3 with West Yost Associates for the Force Main Corrosion Repairs Project - Phase 1
  - Award the Construction Contract for the Newark Pump Station Wet Well Improvements Project to D. W. Nicholson Corporation

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5. Adjournment

Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting. No action will be taken at committee meetings. The Public may provide oral comments at regular and special Board meetings; however, whenever possible, written statements are preferred (to be received at the Union Sanitary District at least one working day prior to the meeting). If the subject relates to an agenda item, the speaker should address the Board at the time the item is considered. If the subject is within the Board's jurisdiction but not on the agenda, the speaker will be heard at the time "Public Comment" is calendared. Oral comments are limited to three minutes per individual, with a maximum of 30 minutes per subject. Speaker's cards will be available and are to be completed prior to discussion of the agenda item.

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.

THE PUBLIC IS INVITED TO ATTEND

**MINUTES OF THE SPECIAL MEETING OF THE  
BOARD OF DIRECTORS OF  
UNION SANITARY DISTRICT  
June 20, 2017**

**CALL TO ORDER**

President Handley called the special meeting to order at 6:00 p.m.

**ROLL CALL**

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

STAFF: Paul Eldredge, General Manager  
Sheila Tolbert, Human Resources Manager  
Glenn Berkheimer, IEDA

**ORAL COMMUNICATIONS**

There were no oral communications.

**CLOSED SESSION**

The Board adjourned to Closed Session for the following matters:

CONFERENCE WITH LABOR NEGOTIATORS  
(Pursuant to Government Code Section 54957.6)

Agency designated representatives:

Paul Eldredge  
Glenn Berkheimer  
Sheila Tolbert

Employee Organization:

Service Employees International Union, Local 1021 (SEIU)

The Board reconvened to Open Session. President Handley reported there was no reportable action.

**ADJOURNMENT:**

The special meeting was adjourned at approximately 8:00 p.m. to the next Regular Board Meeting in the Boardroom on Monday, June 26, 2017, at 7:00 p.m.

SUBMITTED:

ATTEST:

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REGINA McEVOY  
BOARD CLERK

\_\_\_\_\_  
ANJALI LATHI  
SECRETARY

APPROVED:

\_\_\_\_\_  
TOM HANDLEY  
PRESIDENT

Adopted this 10<sup>th</sup> day of July, 2017

**MINUTES OF THE MEETING OF THE  
BOARD OF DIRECTORS OF  
UNION SANITARY DISTRICT  
June 26, 2017**

**CALL TO ORDER**

President Handley called the meeting to order at 7:00 p.m.

**PLEDGE OF ALLEGIANCE**

**ROLL CALL**

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

STAFF: Paul Eldredge, General Manager  
Leah Castella, Assistant District Counsel  
Sami Ghossain, Technical Services Manager  
James Schofield, Collection Services Manager  
Robert Simonich, Fabrication, Maintenance, and Construction Manager  
Armando Lopez, Treatment and Disposal Service Manager  
Laurie Brenner, Finance and Acquisition Services Team Coach  
Harriet Commons, Interim District Employee  
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

**APPROVAL OF THE MINUTES OF THE MEETING OF JUNE 12, 2017**

It was moved by Director Toy, seconded by Vice President Kite, to approve the Minutes of the Meeting of June 12, 2017. Motion carried unanimously.

**WRITTEN COMMUNICATIONS**

There were no written communications.

**ORAL COMMUNICATIONS**

There were no oral communications.

**PUBLIC HEARING TO CONSIDER COLLECTION OF SEWER SERVICE CHARGES  
ON THE TAX ROLLS FOR FISCAL YEAR 2018 AND ADOPTION OF A RESOLUTION  
ELECTING TO COLLECT SEWER SERVICE CHARGES ON THE TAX ROLLS**

This item was reviewed by the Budget & Finance Committee. General Manager Eldredge stated the Board approved sewer service charge rates for fiscal years 2017 – 2021 at its regular meeting held January 25, 2016. California Health and Safety Code Sections 5473

et seq. require the Board conduct a public hearing annually to enable the District to continue collecting sewer service charges on the general Alameda County tax rolls. The public hearing was scheduled at the May 22, 2017, Board meeting. Notice of the public hearing was published in the Argus newspaper June 2 and June 9, 2017, and in the Tri-City Voice newspaper May 30 and June 6, 2017.

President Handley opened the public hearing. There were no speakers.

President Handley closed the public hearing.

Board Clerk McEvoy stated the minimum number of protests needed to constitute a majority would have been 47,999. Since no protests were received, Board Clerk McEvoy determined the absence of a majority protest.

Assistant District Council Castella stated as it had been determined that the number of protests was insufficient to constitute a majority protest, the Board may then consider the proposed resolution included in the Board meeting packet.

It was moved by Director Toy, seconded by Vice President Kite, to Adopt Resolution No. 2814, Electing to Collect Sewer Service Charges on Tax Rolls for Fiscal Year 2018. Motion carried by the following roll call vote:

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

### **CONSIDER APPROVING FINAL OPERATING AND CIP BUDGETS FOR FISCAL YEAR 2018**

This item was reviewed by the Budget & Finance Committee. General Manager Eldredge stated the Proposed Operating and CIP Budget for FY 2018 included input received at the Budget Workshop held May 16, 2017, and was presented at the regular Board meeting of June 12, 2017. Staff recommended the Board review and approve the Proposed Operating and CIP Budget for FY 2018 for adoption at the District.

It was moved by Secretary Lathi, seconded by Vice President Kite, to Approve the Proposed Operating and CIP Budget for FY 2018. Motion carried unanimously.

### **CONSIDER A RESOLUTION FOR INTERIM APPOINTMENT OF RETIRED ANNUITANT, HARRIET COMMONS**

This item was reviewed by the Personnel Committee. General Manager Eldredge stated the District's Business Services Work Group Manager position was recently and unexpectedly vacated. The end of one and beginning of another fiscal year is a critical time for finance related teams due to year end closing activities, working with newly contracted outside financial auditors, and associated reporting prior to the beginning of the new calendar year. Harriet Commons brings specialized knowledge, experience, and expertise from her prior role as the Finance Director for the City of Fremont. Ms. Commons will be able to assist with completion of required tasks and reporting while the

District recruits for a permanent Business Services Work Group Manager. Staff recommended the Board consider and adopt a one-time Resolution for the Interim Appointment of Retired Annuitant, Harriet Commons, as Interim Business Services Work Group Manager effective July 1, 2017, and ending December 31, 2017.

It was moved by Director Toy, seconded by Director Fernandez, to Adopt Resolution No. 2815, Approving the Interim Appointment of Retired Annuitant Harriet Commons. Motion carried unanimously.

### **REVIEW AND APPROVE PROPOSED CHANGES TO POLICY NO. 2165, PAPERLESS BOARD AGENDA PACKET AND USE OF ELECTRONIC EQUIPMENT**

This item was reviewed by the Legal/Community Affairs Committee. General Manager Eldredge stated Policy No. 2165 states that electronic equipment purchased by the District for use with Board Agenda packets is property of the District, and must be used in accordance with the rules outlined in the Policy. Proposed revisions to the Policy were shown via redline document in the Board meeting packet. Staff recommended the Board review and approve proposed changes to Policy No. 2165, Paperless Board Agenda Packet and Use of Electronic Equipment.

General Manager Eldredge stated the Legal/Community Affairs Committee requested a change to item number eight under the Prohibited Conduct portion of the policy. The Committee suggested additional text be added to clarify that nothing should be downloaded onto District electronic equipment, and that staff list software and apps specifically as prohibited.

It was moved by Secretary Lathi, seconded by Director Toy, to Approve Proposed Changes to Policy No. 2165, Paperless Board Agenda Packet and Use of Electronic Equipment, with the inclusion of the additional text suggested by the Legal/Community Affairs Committee. Motion carried unanimously.

### **REVIEW AND APPROVE PROPOSED CHANGES TO POLICY NO. 3050, BOARDMEMBER MEETINGS COMPENSATED**

This item was reviewed by the Legal/Community Affairs Committee. General Manager Eldredge stated Policy No. 3050 sets forth a listing of meetings and service eligible for Board compensation. Proposed revisions to the Policy were shown via redline document in the Board meeting packet. Staff recommended the Board review and approve proposed changes to Board Policy No. 3050, Boardmember Meetings Compensated.

Vice President Kite requested clarification that District educational outreach would be considered a compensable meeting. General Manager Eldredge and District Counsel both indicated District educational outreach would be covered by one or more sections of the Policy.

It was moved by Vice President Kite, seconded by Director Fernandez, to Approve Proposed Changes to Policy No. 3050, Boardmember Meetings Compensated. Motion carried unanimously.

### **INFORMATION ITEMS:**

### **Monthly Operations Report for April and May 2017**

This item was reviewed by the Legal/Community Affairs Committee. General Manager Eldredge stated the April 2017 Financial Reports and Business Services Group Activities Report were presented at the May 22, 2017, Board meeting. Due to the recent departure of the Business Services Manager/CFO, the May 2017 Financial Reports and Business Services Group Activities Report will be presented at a future meeting.

General Manager Eldredge stated staff will continue to make adjustments to the Monthly Operations report in an effort to present relevant information to the Board.

### **Check Register**

All questions were answered to the Board's satisfaction.

### **COMMITTEE MEETING REPORTS:**

The Legal/Community Affairs, Budget & Finance Committee, and Personnel Committees met.

### **GENERAL MANAGER'S REPORT:**

General Manager Eldredge reported the following:

- The Fremont City Council approved a resolution in March to transition from an at-large to a district-based election system in response to a letter which stated Fremont's at-large elections were in violation of the California Voting Rights Act of 2001. In a split vote, the Fremont City Council selected map C-2b on June 6, 2017.
- The Sewer Service Charge Comparison Agencies and Newsletter Content Combined Board Workshop will be held in the Alvarado Conference Room at 6:00 p.m. on June 29, 2017.
- District offices will be closed in observance of the 4<sup>th</sup> of July holiday.
- General Manager Eldredge is scheduled to present a District update at the July 18, 2017, Fremont City Council meeting.

### **OTHER BUSINESS**

There was no other business.

### **ADJOURNMENT:**

The meeting was adjourned at 7:18 p.m. to the Combined Board Workshop in the Alvarado Conference Room on Thursday, June 29, 2017, at 6:00 p.m.

The Board will then adjourn to the next Regular Board Meeting in the Boardroom on Monday, July 10, 2017, at 7:00 p.m.

SUBMITTED:

ATTEST:

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REGINA McEVOY  
BOARD CLERK

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ANJALI LATHI  
SECRETARY

APPROVED:

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TOM HANDLEY  
PRESIDENT

Adopted this 10<sup>th</sup> day of July, 2017



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

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

Karen W. Murphy  
*Attorney*

**DATE:** July 3, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

**FROM:** Paul R. Eldredge, General Manager/District Engineer  
Mike Marzano, Environmental Health & Safety Program Manager

**SUBJECT:** Agenda Item No. 8 - Meeting of July 10, 2017  
**Consider a Resolution to Accept and Adopt all of Volume 1 and Union Sanitary District's portion of Volume 2 of the Union City/ Newark Multijurisdictional Hazard Mitigation Plan**

### **Recommendation**

Consider and adopt a Resolution accepting all of Volume 1 and Union Sanitary District's portion of Volume 2 of the Union City/Newark Multijurisdictional Hazard Mitigation Plan.

### **Background**

#### ***Hazard Mitigation Planning in Union City and Newark:***

In June of 2016, the Cities of Union City and Newark and special districts within their operational areas embarked on a planning process to prepare for and lessen the impacts of specified natural hazards by creating the Union City/Newark Multijurisdictional Hazard Mitigation Plan. Responding to federal mandates in the Disaster Mitigation Act of 2000 (Public Law 106-390), the partnership was formed to pool resources and create a uniform hazard mitigation strategy that can be consistently applied to the defined planning area and used to ensure eligibility for specified grant funding success.

This effort represents the third comprehensive update to the initial hazard mitigation plan, approved by the Federal Emergency Management Agency (FEMA) in November of 2005 and developed in partnership with the Association of Bay Area Governments (ABAG), as well as a return to a truly regional effort following the 2010 planning process. The 5-member coalition of partners involved in this program includes: Union City, Newark, Alameda County Water District, Union Sanitary District, and Newark Unified School District. The planning area for the hazard mitigation plan was defined as the Union City/Newark Operational Area. The result of the organizational effort will be a FEMA and California Office of Emergency Services (CalOES) approved multi-jurisdictional, multi-hazard mitigation plan.

Mitigation is defined in this context as any sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event. Mitigation planning is the systematic process of learning about the hazards that can affect the community, setting clear goals, identifying appropriate actions, and following through with an effective mitigation strategy. Mitigation encourages long-term reduction of hazard vulnerability, and can reduce the enormous cost of disasters to property owners and all levels of government. Mitigation can also protect critical community facilities, reduce exposure to liability, and minimize post-disaster community disruption.

The hazard identification and profiling in the hazard mitigation plan addresses the following hazards of concern within the planning area:

1. Dam failure
2. Drought
3. Earthquake
4. Flood
5. Landslide
6. Severe weather
7. Tsunami
8. Wildfire

Climate change is incorporated as a summary assessment of current and anticipated impacts for each identified hazard of concern.

With the exception of dam failure, this plan does not provide a full risk assessment of human-caused hazards. However, brief, qualitative discussions of the following hazards of interest are included: terrorism, cyber threats, hazardous materials release, pipeline and tank failure, and airline incidents.

A Planning Team consisting of local officials has taken the lead in developing the hazard mitigation plan. All participating local jurisdictions have been responsible for assisting in the development of the hazard and vulnerability assessments and the mitigation action strategies for their respective jurisdictions and organizations. The Plan presents the accumulated information in a unified framework to ensure a comprehensive and coordinated plan covering the entire Union City/Newark Operational Area. Each jurisdiction has been responsible for the review and approval of their individual sections of the Plan.

Additionally, the plan has been aligned with the goals, objectives and priorities of the State's multi-hazard mitigation plan. A 16-member Steering Committee (SC) composed of representative stakeholders was formed early in the planning process to guide development of the Plan. In addition, residents were asked to contribute by sharing local knowledge of their individual area's vulnerability to natural hazards based on past occurrences. Public involvement has been solicited via a comprehensive public outreach campaign that included two rounds of public meetings, web-based information, a questionnaire, and multiple social media updates.

### ***Why adopt this Plan?***

Once the hazard mitigation plan is adopted by all jurisdictional partners and approved by FEMA, the partnership will collectively and individually become eligible to apply for hazard mitigation

project funding from both the Pre-Disaster Mitigation Grant Program (PDM) and the Hazard Mitigation Grant Program (HMGP).

***What is the Pre-Disaster Mitigation competitive grant program?***

The PDM competitive grant program provides funds to State, Tribal, and local governments for pre-disaster mitigation planning and projects primarily addressing natural hazards. Cost-effective pre-disaster mitigation activities reduce risk to life and property from natural hazard events before a natural disaster strikes, thus reducing overall risks to the population and structures, while also reducing reliance on funding from actual disaster declarations. Funds will be awarded on a competitive basis for mitigation planning and project applications intended to make local governments more resistant to the impact of future natural disasters (*For more details on this program see Attachment 1*).

***What is the Hazard Mitigation Grant Program?***

Authorized under Section 404 of the Stafford Act, the HMGP administered by FEMA provides grants to States and local governments to implement long-term hazard mitigation measures after a major disaster declaration. The purpose of the program is to reduce loss of life and property due to natural disasters, and enable mitigation measures to be implemented during the immediate recovery from a disaster (*For more details on this program see Attachment 1*).

***Where do we go from here?***

Upon adoption of Volume 1 and the Union Sanitary District Annex of Volume 2 of the Union City/Newark Multijurisdictional Area Hazard Mitigation Plan (HMP) and subsequent approval of said plan by CalOES and FEMA, Union Sanitary District will be eligible to apply for specified grants. The grant funds are made available to states and local governments and can be used to implement the long-term hazard mitigation measures specified within the District's annex of the HMP before and after a major disaster declaration. The HMP is considered a living document such that, as awareness of additional hazards develops and new strategies and projects are conceived to offset or prevent losses due to natural disasters, the HMP will be evaluated and revised on a continual 5-year time frame.

Please note, attachments 5 and 6 listed below are accessible through imbedded links due to large file size.

**ATTACHMENTS:**

1. Hazard Mitigation Grant Program (HMGP) and Pre-Disaster Mitigation Grant Program (PDM) Fact Sheet
2. FEMA Letter to Newark providing approval pending adoption
3. FEMA Letter to Union City providing approval pending adoption
4. Resolution
5. [Union City/Newark Multijurisdictional Hazard Mitigation Plan – Volume 1](#)
6. [Union Sanitary District Annex of the Union City/Newark Multijurisdictional Hazard Mitigation Plan – Volume 2](#)

## Attachment 1

### Hazard Mitigation Grant Program (HMGP) Pre-Disaster Mitigation Grant Program (PDM)

#### FACT SHEET

#### I. **HAZARD MITIGATION GRANT PROGRAM (HMGP)**

##### **What is the Hazard Mitigation Grant Program?**

HMGP is authorized by Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as amended (the Stafford Act), Title 42, United States Code (U.S.C.) 5170c. The key purpose of HMGP is to provide the opportunity to take critical mitigation measures to reduce future loss of life and property during the reconstruction process following a disaster.

HMGP is available, when authorized under a Presidential major disaster declaration, in the Tribe or areas of the State requested by the Governor. The amount of HMGP funding available is based upon the estimated total Federal assistance provided by FEMA for disaster recovery under the Presidential major disaster declaration.

##### **Who is eligible to apply?**

Hazard Mitigation Grant Program funding is only available to applicants that reside within a Presidentially declared disaster area. Eligible applicants are

- State and local governments
- Indian tribes or other tribal organizations
- Certain non-profit organizations

##### **What types of projects can be funded by the HMGP?**

HMGP funds may be used to fund projects that will reduce or eliminate the losses from future disasters. Projects must provide a long-term solution to a problem, for example, elevation of a home to reduce the risk of flood damages as opposed to buying sandbags and pumps to fight the flood. In addition, a project's potential savings must be more than the cost of implementing the project. Funds may be used to protect either public or private property or to purchase property that has been subjected to, or is in danger of, repetitive damage. Examples of projects include, but are not limited to:

- Acquisition of real property for willing sellers and demolition or relocation of buildings to convert the property to open space use
- Retrofitting structures and facilities to minimize damages from high winds, earthquake, flood, wildfire, or other natural hazards
- Elevation of flood prone structures
- Safe room construction
- Development and initial implementation of vegetative management programs
- Minor flood control projects that do not duplicate the flood prevention activities of other Federal agencies
- Localized flood control projects, such as certain ring levees and floodwall systems, that are designed specifically to protect critical facilities
- Post-disaster building code related activities that support building code officials during the reconstruction process

##### **What are the minimum project criteria?**

There are five issues you must consider when determining the eligibility of a proposed project.

- Does your project conform to your State's Hazard Mitigation Plan?
- Does your project provide a beneficial impact on the disaster area i.e. the State?
- Does your application meet the environmental requirements?
- Does your project solve a problem independently?
- Is your project cost-effective?

## II. **PRE-DISASTER MITIGATION GRANT PROGRAM (PDM)**

### **What is the Pre-Disaster Mitigation competitive grant program?**

The Pre-Disaster Mitigation (PDM) competitive grant program provides funds to State, Tribal, and local governments for pre-disaster mitigation planning and projects primarily addressing natural hazards. Cost-effective pre-disaster mitigation activities reduce risk to life and property from natural hazard events before a natural disaster strikes, thus reducing overall risks to the population and structures, while also reducing reliance on funding from actual disaster declarations. Funds will be awarded on a competitive basis to successful applicants for mitigation planning and project applications intended to make local governments more resistant to the pacts of future natural disasters.

### **Who can apply for a PDM competitive grant?**

Eligible PDM competitive grant applicants include state and territorial emergency management agencies, or a similar office of the State, District of Columbia, U.S. Virgin Islands, Commonwealth of Puerto Rico, Guam, American Samoa, Commonwealth of the Northern Mariana Islands, and Federally-recognized Indian Tribal governments.

- ✓ Eligible Sub-applicants include State agencies; Federally-recognized Indian Tribal governments; and local governments (including State recognized Indian Tribal governments and Alaska native villages).
- ✓ Applicants can apply for PDM competitive grant funds directly to FEMA, while Sub-applicants must apply for funds through an eligible Applicant.
- ✓ Private non-profit organizations are not eligible to apply for PDM but may ask the appropriate local government to submit an application for the proposed activity on their behalf.

### ***What are eligible PDM projects?***

Multi-hazard mitigation projects must primarily focus on natural hazards but also may address hazards caused by non-natural forces. **Funding is restricted to a maximum of \$3M Federal share per project.** The following are eligible mitigation projects:

- ✓ Acquisition or relocation of hazard-prone property for conversion to open space in perpetuity;
- ✓ Structural and non-structural retrofitting of existing buildings and facilities (including designs and feasibility studies when included as part of the construction project) for wildfire, seismic, wind or flood hazards (e.g., elevation, flood proofing, storm shutters, hurricane clips);
- ✓ Minor structural hazard control or protection projects that may include vegetation management, Stormwater management (e.g., culverts, floodgates, retention basins), or shoreline/landslide stabilization; and,
- ✓ Localized flood control projects, such as certain ring levees and floodwall systems, that are designed specifically to protect critical facilities and that do not constitute a section of a larger flood control system.

### **Mitigation Project Requirements**

Projects should be technically feasible (see Section XII. Engineering Feasibility) and ready to implement. Engineering designs for projects must be included in the application to allow FEMA to assess the effectiveness and feasibility of the proposed project. The project cost estimate should complement the engineering design, including all anticipated costs. FEMA has several formats that it uses in cost estimating for projects. Additionally, other Federal agencies' approaches to project cost estimating can be used as long as the method provides for a complete and accurate estimate. FEMA can provide technical assistance on engineering documentation and cost estimation (see Section XIII.D. Engineering Feasibility).

Mitigation projects also must meet the following criteria:

1. Be cost-effective and substantially reduce the risk of future damage, hardship, loss, or suffering resulting from a major disaster, consistent with 44 CFR 206.434(c)(5) and related guidance, and have a Benefit-Cost Analysis that results in a benefit-cost ratio of

1.0 or greater (see Section X. Benefit-Cost Analysis). **Mitigation projects with a benefit-cost ratio less than 1.0 will not be considered for the PDM competitive grant program;**

2. Be in conformance with the current FEMA-approved State hazard mitigation plan;
3. Solve a problem independently or constitute a functional portion of a solution where there is assurance that the project as a whole will be completed, consistent with 44 CFR 206.434(b)(4);
4. Be in conformance with 44 CFR Part 9, Floodplain Management and Protection of Wetlands, and 44 CFR Part 10, consistent with 44 CFR 206.434(c)(3);
5. Not duplicate benefits available from another source for the same purpose, including assistance that another Federal agency or program has the primary authority to provide (see Section VII.C. Duplication of Benefits and Programs);
6. Be located in a community that is participating in the NFIP if they have been identified through the NFIP as having a Special Flood Hazard Area (a FHBM or FIRM has been issued). In addition, the community must not be on probation, suspended or withdrawn from the NFIP; and,
7. Meet the requirements of Federal, State, and local laws.

***What are examples of Ineligible PDM Projects?***

The following mitigation projects are ***not*** eligible for the PDM program:

- ✓ Major flood control projects such as dikes, levees, floodwalls, seawalls, groins, jetties, dams, waterway channelization, beach nourishment or re-nourishment;
- ✓ Warning systems;
- ✓ Engineering designs that are not integral to a proposed project;
- ✓ Feasibility studies that are not integral to a proposed project;
- ✓ Drainage studies that are not integral to a proposed project;
- ✓ Generators that are not integral to a proposed project;
- ✓ Phased or partial projects;
- ✓ Flood studies or flood mapping; and,
- ✓ Response and communication equipment.



FEMA

June 2, 2017

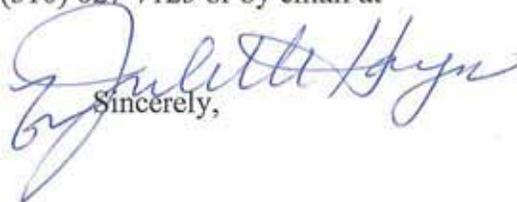
Terrence Grindall  
Assistant City Manager  
City of Newark  
37101 Newark Boulevard  
Newark, CA 94560

Dear Mr. Grindall:

We have completed our review of the *Union City and Newark Multi-Jurisdiction Hazard Mitigation Plan*, and have determined that this plan is eligible for final approval pending its adoption by the City of Newark and all participating jurisdictions. Please see the enclosed list of approvable pending adoption jurisdictions.

Formal adoption documentation must be submitted to the FEMA Region IX office by the lead jurisdiction within one calendar year of the date of this letter, or the entire plan must be updated and resubmitted for review. We will approve the plan upon receipt of the documentation of formal adoption.

If you have any questions regarding the planning or review processes, please contact Alison Kearns, Lead Community Planner, at (510) 627-7125 or by email at [alison.kearns@fema.dhs.gov](mailto:alison.kearns@fema.dhs.gov).

  
Sincerely,

Jeffrey D. Lusk  
Division Director  
Mitigation Division  
FEMA Region IX

cc: Jose Lara, Chief of Hazard Mitigation Planning, California Governor's Office of  
Emergency Services  
Jennifer Hogan, State Hazard Mitigation Officer, California Governor's Office of  
Emergency Services





FEMA

June 2, 2017

Joan Malloy  
Director of Economic and Community Development  
City of Union City  
34009 Alvarado-Niles Road  
Union City, CA 94587

Dear Ms. Malloy:

We have completed our review of the *Union City and Newark Multi-Jurisdiction Hazard Mitigation Plan*, and have determined that this plan is eligible for final approval pending its adoption by Union City and all participating jurisdictions. Please see the enclosed list of approvable pending adoption jurisdictions.

Formal adoption documentation must be submitted to the FEMA Region IX office by the lead jurisdiction within one calendar year of the date of this letter, or the entire plan must be updated and resubmitted for review. We will approve the plan upon receipt of the documentation of formal adoption.

If you have any questions regarding the planning or review processes, please contact Alison Kearns, Lead Community Planner, at (510) 627-7125 or by email at [alison.kearns@fema.dhs.gov](mailto:alison.kearns@fema.dhs.gov).

Sincerely,



Jeffrey D. Lusk  
Division Director  
Mitigation Division  
FEMA Region IX

cc: Jose Lara, Chief of Hazard Mitigation Planning, California Governor's Office of  
Emergency Services  
Jennifer Hogan, State Hazard Mitigation Officer, California Governor's Office of  
Emergency Services



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

**AUTHORIZING THE ADOPTION OF THE UNION CITY/NEWARK  
MULTIJURISDICTIONAL HAZARD MITIGATION PLAN**

**WHEREAS**, the Union City/Newark Operational Area has exposure to natural hazards that increase the risk to life, property, environment and the County's economy; and

**WHEREAS**, pro-active mitigation of known hazards before a disaster event can reduce or eliminate long-term risk to life and property; and

**WHEREAS**, The Disaster Mitigation Act of 2000 (Public Law 106-390) established new requirements for pre- and post-disaster hazard mitigation programs; and

**WHEREAS**, a coalition of Union City/Newark Operational area, Cities, Towns, and Special Districts including Union Sanitary District, with like planning objectives has been formed to pool resources and create consistent mitigation strategies within the Union City/Newark Operational Area; and

**WHEREAS**, the coalition has completed a planning process that engages the public, assesses the risk and vulnerability to the impacts of natural hazards, develops a mitigation strategy consistent with a set of uniform goals and objectives, and creates a plan for implementing, evaluating, and revising this strategy.

**NOW, THEREFORE, BE IT RESOLVED** that the Union Sanitary District Board of Directors:

- 1.) Adopts Volume I in its entirety, and also the following portions of Volume 2: introduction, Chapter 5 - the Union Sanitary District jurisdictional annex, and the appendices of Volume 2 of the Union City/Newark Multijurisdictional Hazard Mitigation Plan (HMP).
- 2.) Will use the adopted and approved portions of the HMP to guide pre- and post-disaster mitigation of the hazards identified.
- 3.) Will coordinate the strategies identified in the HMP with other planning programs and mechanisms under its jurisdictional authority.
- 4.) Will continue its support of the Steering Committee and continue to participate in the Planning Partnership as described by the HMP.
- 5.) Will help to promote and support the mitigation successes of all HMP Planning Partners

On motion duly made and seconded, this resolution was adopted by the following vote on July 10, 2017:

AYES:

NOES:

ABSENT:

ABSTAIN:

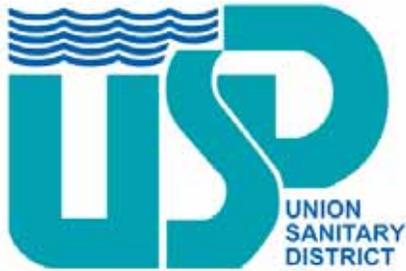
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TOM HANDLEY  
President, Board of Directors  
Union Sanitary District

Attest:

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ANJALI LATHI  
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*

**DATE:** July 3, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

**FROM:** Paul R. Eldredge, General Manager / District Engineer  
Sami E. Ghossain, Manager of Technical Services  
Raymond Chau, CIP Coach  
Chris Elliott, Associate Engineer

**SUBJECT:** Agenda Item No. 9 – Meeting of July 10, 2017  
**Authorize the General Manager to Execute Task Order No. 3 with West Yost Associates for the Force Main Corrosion Repairs Project - Phase 1**

### **Recommendation**

Staff recommends the Board authorize the General Manager to execute Task Order No. 3 with West Yost Associates in the amount of \$33,085 to provide design support services during construction of the Force Main Corrosion Repairs Project – Phase 1 (Project). Funds for the project have been budgeted in the Renewal and Replacement Fund.

### **Background**

The District operates and maintains the transport system that consists of three pump stations and three lift stations and approximately 12 ½ miles of twin force main pipelines. The transport system conveys wastewater from the Irvington and Newark drainage basins to the Alvarado Wastewater Treatment Plant.

Force main facilities include 78 manholes along the pipeline alignment; please see attached Figures 1 and 2. Of the 78 manholes, 46 of them provide access into the force main pipelines via a manway inside the manholes, and each manway is sealed with a blind flange. At the other 32 manholes, appurtenances such as air release valves or blow off valves are connected to the blind flanges.

The air release valves are located at the higher elevations of the force main pipelines to allow air from the pipelines to vent in order to maintain the full hydraulic capacity of the pipelines. The blow off valves are located at the lower elevations of the force main pipelines to allow staff to drain the wastewater from the pipelines when there is a need to remove as much wastewater as possible, typically for a long-term outage for maintenance or construction activities. This doesn't happen very often but if there is a need to do so, staff will need to set up pumps and hoses to connect the blow off valves to the closest sanitary sewer manhole.

These facilities were installed almost 40 years ago, as part of the original force main construction. Over time, the presence of groundwater, moisture, and the buildup of hydrogen sulfide gas in these force main manholes have caused many of the manways, blind flanges, and appurtenances to become corroded. This corrosion is of primary concern, as failure of any single element could precipitate a leak from the force main pipeline.

In 2011, the District conducted a condition assessment of the force main equipment located in the Irvington Valve Box, Newark Influent and Effluent Valve Boxes, and Alvarado Influent Valve Box. These valve boxes are part of the transport system that delivers wastewater to the Plant and primarily house large diameter cement mortar coated steel piping, knife gate valves, and flanged coupling adaptors (FCAs). The assessment found the existing FCAs were experiencing corrosion and recommended them for replacement. The assessment also recommended refurbishment or replacement of the valves. In 2012, the District completed two phases of the Force Main Improvements Project to replace corroded FCAs and rehabilitated and replaced knife gate valves on the force main pipelines located within the valves boxes.

In 2004, the District's Force Main Study included a condition assessment of the interior and exterior of the buried force main piping that was constructed of reinforced concrete pipelines. The study found the piping to be in good condition and recommended an internal inspection every 10 years and an external inspection every 20 years. In 2016, the District hired Woodard & Curran (formerly RMC Water and Environment) to conduct the internal inspection of the force main piping as the force main piping is taken out of service for the District's Force Main Corrosion Repairs Project and the developer's Force Main Relocation Project this year and next.

### **Force Main Manhole Inspection**

During the summer of 2015, staff performed visual inspection inside all 78 force main manholes, and conducted non-destructive testing on elements with the worst corrosion conditions. In the fall of 2015 through the spring of 2016, staff hired Carollo Engineers to review the data collected during the inspections and testing; as a result they recommended that any and all corroded elements within the 78 manholes be rehabilitated or replaced. Please see Figures 3 through 7. In the fall of 2016, staff hired West Yost Associates to complete preliminary design services for the Project, including further data compilation and review, repair prioritization, evaluation of

anticipated construction phasing, and preparation of preliminary cost estimates. In the winter of 2017, West Yost completed final design for the Project while outlining a plan to accomplish the repairs in phases. Phase 1 will address corrosion repairs for manholes on the eastern force main between Newark Pump Station and the Alvarado Wastewater Treatment Plant, with the flexibility to address additional repairs on the western force main, weather permitting.

The project was advertised for bids on April 25, 2017, bids were opened on May 25, 2017, and on June 12, 2017, the Board awarded the construction contract to Cratus, Inc., in the amount of \$821,000.

### **Task Order No. 3**

The purpose of Task Order No. 3 is to authorize office engineering services during the construction of the Project. West Yost Associates submitted a scope of work for Task Order No. 3 which staff have reviewed and determined to be appropriate. The negotiated cost proposal is \$33,085, which represents 4% of the construction contract. Typical fees for this kind of a project range between 2% and 3%; the higher percentage is due to the smaller construction contract amount as well as the need for the biological services included in the task order scope.

The scope of work for Task Order No. 3 includes project management, submittal and request for information (RFI) review, change order assistance, and biological services. The scope of services and their respective fees are summarized as follows:

<b>Task</b>	<b>Description</b>	<b>Amount</b>
1	Project Management	\$4,898
2	Review Submittals and RFIs	\$19,022
3	Change Order Assistance	\$2,812
4	Biological Services	\$6,353
	<b>TOTAL</b>	<b>\$33,085</b>

Below is a summary of the task orders with West Yost Associates under the Project agreement:

<b>Task Order</b>	<b>Not-to-Exceed Fee</b>	<b>Board Authorization Required?</b>	<b>District Staff Approval</b>
Task Order No. 1 – Predesign	\$25,855	No	Sami Ghossain
Task Order No. 2 – Phase 1 Design	\$113,464	Yes	Paul R. Eldredge
Task Order No. 3 – Phase 1 Engineering Services During Construction	\$33,085	Yes	Paul R. Eldredge
<b>Total</b>	<b>\$172,404</b>		

Work under Task Order No. 3 will begin in July, and the Project is expected to be completed by late October.

Staff recommends that the Board of Directors authorize the General Manager to execute Task Order No. 3 with West Yost Associates in the amount of \$33,085 to provide design support services during construction of the Force Main Corrosion Repairs Project – Phase 1.

PRE/SEG/RC/CE:ks

Attachments: Figures 1-2 – Location Maps  
Figures 3-7 – Photos  
Task Order No. 3

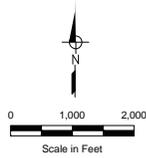




Notes:  
 1. Rating 1 requires immediate attention.  
 2. Rating 2 requires repair in 2-3 years.  
 3. Rating 3 requires repair after 3 years or place on PM schedule.

**Legend**

- |                               |                 |                               |
|-------------------------------|-----------------|-------------------------------|
| ⊕ Access Manhole              | ● Rating 1      | LS Lift Station               |
| ⊕ Access/Blow Off Combination | ● Rating 2      | PS Pump Station               |
| △ ARV                         | ● Rating 3      | WWTP Alvarado Treatment Plant |
| ○ Blow Off                    | ● Not Inspected | — Twin 33" Force Mains        |
|                               |                 | — Twin 39" Force Mains        |



**Figure 2**  
**Newark Pump Station to Alvarado Treatment Plant Manhole Condition Ratings**  
 Union Sanitary District  
 Force Main Manhole Corrosion Repairs

## FIGURES 3-7 (PHOTOS)

*Figure 3: Manway*



*Figure 4: Blind Flange*



## FIGURES 3-7 (PHOTOS)

*Figure 5: Valve*



*Figure 6: ARV Piping*



## FIGURES 3-7 (PHOTOS)

*Figure 7: Blowoff Tube*



**FORCE MAIN CORROSION REPAIRS PROJECT**

**(USD Project No. 800-491)**

**TASK ORDER NO. 3**

**to**

**AGREEMENT**

**BETWEEN**

**UNION SANITARY DISTRICT**

**AND**

**WEST YOST ASSOCIATES, INC.**

**FOR**

**PROFESSIONAL SERVICES**

**Dated October 26, 2016**

**1. PURPOSE**

The purpose of Task Order No. 3 is to authorize office engineering services during the construction of the Force Main Corrosion Repairs Project – Phase 1 (Project). Office 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 typically 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 Construction Manager.

**2. PROJECT COORDINATION**

All work related to this task order shall be coordinated through the Union Sanitary District's (District's) Project Manager, Chris Elliott.

**3. SCOPE OF SERVICES**

The task numbers in this Scope of Services relate directly to the costs presented in Item 7, Payment to the Engineer, and the schedule presented in Item 8, Time of Completion. Deliverables to be received by the District are described in Item 4, Deliverables.

### **Task 1. Project Management**

This task includes project management activities including day-to-day administration, technical reviews, and attending the following meetings:

- Attend pre-construction meeting.
- Attend up to one (1) progress meeting during construction as requested by the District to discuss construction progress, problems or issues, to provide construction observations, advice and assistance, or to answer any questions which may arise concerning design intent and other matters affecting completion of the Project.

### **Task 2. Review of Submittals and RFIs**

Engineer shall provide construction support services as requested by the District including:

- Answer questions.
- Review submittals (shop drawings, certificates, substitutions, samples, test results, methods, schedules, and manufacturer's installation instructions required to be submitted by the construction documents for conformance with the design concept and specifications). Budget assumes 20 original submittals at 2.5 hours per submittal and 8 re-submittals at 2 hours per submittal.
- Review and respond to contractor's requests for information (RFI) and clarifications during construction. Budget assumes 8 RFIs at 2 hours per RFI.

### **Task 3. Change Order Assistance**

Engineer shall assist in the review of contractor change order requests and any redesign efforts leading up to change order preparation for the construction contract up to 12 hours of West Yost staff time. Additional time will be addressed in an amendment to the contract.

### **Task 4. Biological Services**

Engineer's subconsultant, WRA, shall provide biological monitoring and conduct pre-construction wildlife surveys.

**Subtask 4.01—Preconstruction Wildlife Surveys.** WRA shall conduct pre-construction, take-avoidance surveys to determine the presence or absence of burrowing owls at sites 229935/239935 – Coyote Hills ARV, 229934/239934 – Highway 84 ARV, and 229921 – Thornton Avenue Blowoff. Surveys shall be conducted within 14 days of the start of construction work at each site. If owls are detected, the qualified biologist shall determine a suitable exclusion buffer size, and no work shall occur within that buffer until the biologist determines that the burrow is vacated or the work activities are not likely to result in take. Depending on the Project schedule, surveys shall be combined into a single site visit when feasible. However, each site may require a separate site visit to ensure that the survey takes place within 14 days of construction. Additionally, if owls

are observed, or if Project delays or lapses occur, WRA shall perform additional follow-up surveys. Budget assumes three site visits at 5 hours of preparation and fieldwork per site visit. If owls are observed during surveys, or the project start is delayed more than 14 days from the survey date, or if a lapse of more than 14 days in project activities occur at a given site, additional surveys may be necessary and will be addressed in an amendment to the contract. WRA shall provide email notifications of the results of the pre-construction surveys.

WRA shall also conduct a pre-construction site assessment to determine the suitability of vegetative growth to support salt marsh harvest mouse at site 229906/239906 – Allende Ranch. WRA shall conduct the site assessment to determine whether the site is a) unsuitable for salt marsh harvest mouse (SMHM) at the time of construction and construction may proceed without additional avoidance measures, or b) provides suitable habitat, and careful vegetation removal is recommended. The site assessment may be achieved through a review of site photographs sent to a qualified WRA biologist, or by a field visit if the photographs do not allow for a determination of habitat suitability. The site assessment (photographs or site visit) shall be conducted within 14 days of the initiation of construction work at this site. If the site visit is necessary, it shall be combined and the cost included in the cost of the biological monitoring site visit recommended for this site (described in Subtask 4.02 below). WRA shall provide an email notification of the results of the pre-construction site assessment.

**Subtask 4.02—Biological Monitoring.** WRA shall monitor site preparation activities including fence installation and vegetation removal (if necessary) to prevent impacts to sensitive species and habitats at the following sites: 229908/239908 – Turk Island, 229925/239925 – Westport Way, 229906/239906 – Allende Ranch, 229905/239905 – Coyote Hills, and 229922 – Gateway Blvd. Blowoff. At each of these sites, WRA shall provide guidance to the contractor during installation of fencing to exclude sensitive wildlife species, for erosion control, or to demarcate sensitive habitat features that should be avoided by Project activities and equipment. If the pre-construction survey for salt marsh harvest mouse habitat (described in Subtask 4.01 above) at site 229906/239906 – Allende Ranch determines that careful vegetation removal is necessary, WRA shall also provide guidance to the contractor for avoiding impacts to the mouse and monitor work during vegetation removal. WRA anticipates that this may take one full day of work at this site, and that fence installation at the other sites may be combined into an additional 2 days of work. Budget assumes 24 hours of work for fence installation and coordination, which includes up to 2 site visits.

The District will contact a qualified WRA biologist if a listed species is inadvertently killed or injured, or if salt marsh harvest mouse or another sensitive species is found dead, injured, or entrapped.

If requested by the District, WRA shall prepare daily monitoring logs describing the work conducted and impact avoidance measures implemented to document compliance with the construction contract. Budget assumes 2 hours of work for log form preparation and submittal to the District.

**4. DELIVERABLES**

Project deliverables are listed below:

- Responses to submittals, as required.
- Responses to RFIs and clarifications, as required.
- Email notifications of the results of the pre-construction surveys and the site assessment.
- Daily monitoring logs (if requested).

**5. NOT USED**

**6. NOT USED**

**7. PAYMENT TO THE ENGINEER**

Payment to the Engineer shall be as called for in Article 2 of the Agreement, shall be on a time and materials cost basis for services provided, and shall be in accordance with the Billing Rate Schedule contained in Exhibit A (updated annually) except that subconsultants will be billed at actual cost plus 5%, outside services will be billed at actual cost, and mileage will be billed at the prevailing IRS standard mileage rate. The billing rate schedule is comparable to a multiplier of 3.22, including a profit of 12.4 percent; the not-to-exceed amount shall be \$33,085. A summary of the anticipated distribution of cost and manpower between tasks is shown in Exhibit B.

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

<b>Task Order / Amendment</b>	<b>Not to Exceed Amount</b>	<b>Board Authorization Required?</b>	<b>District Staff Approval</b>
Task Order No. 1 – Predesign	\$25,855	No	Sami Ghossain
Task Order No. 2 – Phase 1 Design	\$113,464	Yes	Paul R. Eldredge
Task Order No. 3 – Phase 1 Engineering Services During Construction	\$33,085	Yes	Paul R. Eldredge
<b>Total</b>	<b>\$172,404</b>		

**8. TIME OF COMPLETION**

All work defined in this Task Order shall be completed within three weeks after completion of construction of the Force Main Corrosion Repairs – Phase 1. The anticipated construction completion date is November 30, 2017.

**9. KEY PERSONNEL**

Key engineering personnel or subconsultants assigned to Task Order No. 3 are as follows:

<b>Role</b>	<b>Personnel/Subconsultant</b>
Principal-in-Charge	John Goodwin
Project Manager/Project Engineer	Thea Durbin

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

IN WITNESS WHEREOF, the parties hereto have made and executed this Task Order No. 3 as of July \_\_\_\_\_, 2017 and therewith incorporated it as part of the Agreement.

DISTRICT

ENGINEER

**Union Sanitary District**

**West Yost Associates**

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: Paul R. Eldredge, P.E.

Name: John D. Goodwin

Title: General Manager/District Engineer

Title: Vice President

# 2017 Billing Rate Schedule

(Effective January 1, 2017 through December 31, 2017) \*

POSITIONS	LABOR CHARGES (DOLLARS PER HR)
<b>ENGINEERING</b>	
Principal/Vice President	\$273
Engineering/Scientist/Geologist Manager I / II	\$251 / \$263
Principal Engineer/Scientist/Geologist I / II	\$229 / \$243
Senior Engineer/Scientist/Geologist I / II	\$205 / \$215
Associate Engineer/Scientist/Geologist I / II	\$182 / \$195
Engineer/Scientist/Geologist I / II	\$147 / \$170
Engineering Aide	\$83
Administrative I / II / III / IV	\$75 / \$94 / \$114 / \$126
<b>ENGINEERING TECHNOLOGY</b>	
Engineering Tech Manager I / II	\$250 / \$260
Principal Tech Specialist I / II	\$230 / \$240
Senior Tech Specialist I / II	\$210 / \$220
Senior GIS Analyst	\$200
GIS Analyst	\$189
Technical Specialist I / II / III / IV	\$130 / \$150 / \$170 / \$190
CAD Manager	\$159
CAD Designer I / II	\$123 / \$138
<b>CONSTRUCTION MANAGEMENT</b>	
Senior Construction Manager	\$261
Construction Manager I / II / III / IV	\$159 / \$170 / \$182 / \$227
Resident Inspector (Prevailing Wage Groups 4 / 3 / 2 / 1)	\$138 / \$153 / \$170 / \$177
Apprentice Inspector	\$125
CM Administrative I / II	\$68 / \$91

- Hourly rates include Technology and Communication charges such as general and CAD computer, software, telephone, routine in-house copies/prints, postage, miscellaneous supplies, and other incidental project expenses.
- Outside Services such as vendor reproductions, prints, shipping, and major West Yost reproduction efforts, as well as Engineering Supplies, Travel, etc. will be billed at actual cost.
- Mileage will be billed at the current Federal Rate and Travel will be billed at cost.
- Subconsultants will be billed at actual cost plus 5%.
- Expert witness, research, technical review, analysis, preparation and meetings billed at 150% of standard hourly rates. Expert witness testimony and depositions billed at 200% of standard hourly rates.
- A Finance Charge of 1.5% per month (an Annual Rate of 18%) on the unpaid balance will be added to invoice amounts if not paid within 45 days from the date of the invoice.

\* This schedule is updated annually

## 2017 Billing Rate Schedule (continued)

(Effective January 1, 2017 through December 31, 2017) \*

### Equipment Charges

EQUIPMENT	BILLING RATES
Gas Detector	\$80/day
Hydrant Pressure Gage	\$10/day
Hydrant Pressure Recorder, Standard	\$40/day
Hydrant Pressure Recorder, Impulse (Transient)	\$55/day
Trimble GPS – Geo 7x	\$220/day
Vehicle	\$10/hour
Water Flow Probe Meter	\$20/day
Water Quality Multimeter	\$185/day
Well Sounder	\$30/day

\* This schedule is updated annually

West Yost Associates	P/V/P \$273 Goodwin	SE/SS/SG II \$215 Durbin	CAD II \$138	ADM IV \$126	Labor		Sub. WRA	Costs		
					Hours	Fee		Sub. w/ markup 5%	Other Direct	Total Costs
<b>PROJECT: Force Main Corrosion Repairs Phase 1 - ESDC</b>										
<b>Task 1 Project Management</b>										
1.01 Project Management	2	6			8	\$ 1,836				\$ 1,836
1.02 Project Meetings	4	8			12	\$ 2,812		\$ 250		\$ 3,062
<b>Subtotal, Task 1 (hours)</b>	<b>6</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>20</b>					
<b>Subtotal, Task 1 (\$)</b>	<b>\$ 1,638</b>	<b>\$ 3,010</b>				<b>\$ 4,648</b>		<b>\$ 250</b>		<b>\$ 4,898</b>
<b>Task 2 Review Submittals</b>										
2.01 Review Submittals and RFIs	24	58			82	\$ 19,022				\$ 19,022
<b>Subtotal, Task 2 (hours)</b>	<b>24</b>	<b>58</b>	<b>0</b>	<b>0</b>	<b>82</b>					
<b>Subtotal, Task 2 (\$)</b>	<b>\$ 6,552</b>	<b>\$ 12,470</b>				<b>\$ 19,022</b>				<b>\$ 19,022</b>
<b>Task 3 Change Order Assistance</b>										
3.01 Change Order Assistance	4	8			12	\$ 2,812				\$ 2,812
<b>Subtotal, Task 3 (hours)</b>	<b>4</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>12</b>					
<b>Subtotal, Task 3 (\$)</b>	<b>\$ 1,092</b>	<b>\$ 1,720</b>				<b>\$ 2,812</b>				<b>\$ 2,812</b>
<b>Task 4 Biological Services</b>										
4.01 Pre-construction Survey					0	\$ 2,500	\$ 2,625			\$ 2,625
4.02 Biological Monitoring					0	\$ 3,550	\$ 3,728			\$ 3,728
<b>Subtotal, Task 4 (hours)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>					
<b>Subtotal, Task 4 (\$)</b>						<b>\$ 6,050</b>	<b>\$ 6,353</b>			<b>\$ 6,353</b>
<b>TOTAL (hours)</b>	<b>34</b>	<b>80</b>	<b>0</b>	<b>0</b>	<b>114</b>					
<b>TOTAL (\$)</b>	<b>\$ 9,282</b>	<b>\$ 17,200</b>				<b>\$ 26,482</b>	<b>\$ 6,050</b>	<b>\$ 6,353</b>	<b>\$ 250</b>	<b>\$ 33,085</b>





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

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

Karen W. Murphy  
*Attorney*

**DATE:** July 3, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

**FROM:** Paul R. Eldredge, General Manager/District Engineer  
Sami E. Ghossain, Manager of Technical Services  
Raymond Chau, CIP Coach  
Thomas Lam, Associate Engineer

**SUBJECT:** Agenda Item No. 10 - Meeting of July 10, 2017  
**Award the Construction Contract for the Newark Pump Station Wet Well Improvements Project to D. W. Nicholson Corporation**

### **Recommendation**

Staff recommends the Board waive the bid irregularities, award the construction contract for the Newark Pump Station Wet Well Improvements Project (Project), including Bid Alternate A, to D. W. Nicholson Corporation (DWN) in the amount of \$679,100, and authorize staff to issue the Notice of Award for the Project. Funds for the Project have been budgeted in the Capacity Fund and the Renewal and Replacement Fund.

### **Background**

The District operates and maintains the transport system that consists of three pump stations and three lift stations and approximately 12.5 miles of twin force main pipelines. The Newark Pump Station (PS) and Irvington PS convey wastewater from the Newark and Irvington drainage basins, respectively, to the Alvarado Wastewater Treatment Plant (Plant).

The Newark PS and Irvington PS can operate in two modes: non-boost and boost. When operating in non-boost mode, each pump station pumps its flows into the twin force main pipelines to the Plant. When operating in boost mode, the flow from the Irvington PS is diverted into one of the wet wells in the Newark PS through the Boost Pipeline. The Newark PS then pumps the combined flow from the Newark drainage basin and the Irvington PS to the Plant. The use of boost mode allows for higher pumping capacity from the Irvington PS. Additionally, the

boost mode operation allows an increased flow velocity in the force main pipelines which helps to flush out the solids build-up deposited at the bottom of the force main pipelines.

Figure 1 shows a map of the District's drainage basins and transport system.

### **Boost Mode Operational Issue**

During the boost mode operation, the rate and volume of flow from the Irvington PS diverted into the wet well of the Newark PS is controlled with an electric-actuated motorized Modulating Valve on the Boost Pipeline located in the Newark Influent Valve Box. The Newark PS programmable logic controller (PLC) continuously monitors the Newark PS wet well level and adjusts the Modulating Valve between 0% and 100% open position to ensure the Newark PS pumps can handle the combined flow and to prevent flooding of the wet wells. Like the rest of the facilities at the Newark PS, the Modulating Valve is powered by PG&E with automatic backup power provided by the District's on-site standby diesel generator. In the event of a PG&E power outage at Newark PS, coupled with a failure to start the on-site standby diesel generator, the Modulating Valve will cease operation and stay at the last valve open position. The headgate at the Newark PS will automatically close using stored hydraulic energy to actuate the headgate. However, the Irvington PS will likely remain in operation on PG&E or backup power so it will continue to pump its flow into Newark PS's wet well and potentially flood Newark PS.

To minimize flooding at Newark PS, staff programmed the Irvington PS PLC to monitor the power status at the Newark PS during boost mode operation and close the headgate at the Irvington PS if both power sources at the Newark PS remain unavailable for 45 seconds. Closing the Irvington headgate will shut off the Irvington pumps but the volume of wastewater in the twin force main pipelines between the two stations is significant and will continue to drain toward Newark and flood the station.

Figure 2 shows the Newark PS site plan and Figure 3 shows the pipe configuration inside the Newark Influent Valve Box.

In the fall of 2015, the District conducted the Newark Pump Station Boost Mode Contingency Assessment Study, which examined options to mitigate the risk of flooding the station. The assessment recommended removing the existing electric actuator on the Modulating Valve and replacing it with a hydraulic-electric actuator coupled with an uninterruptible power supply to enable the Modulating Valve to close in the event of a PG&E power outage and failure of the standby generator. The assessment also found that the flows from Irvington PS through the Boost Pipeline discharge high above the Newark PS wet well water surface elevation and splash into the wet well which releases hydrogen sulfide from the wastewater and into the pump station's interior atmosphere. The assessment recommended extending the discharge pipe down below the normal operating wet well water surface elevation to minimize hydrogen sulfide release.

District staff also identified the need to replace and relocate the existing foul air exhaust fan in the wet well room. The exhaust fan was installed in the mid-1990s and is at the end of its useful life. Because of the significant noise the exhaust fan generates in the wet well room, staff prefers to install the new exhaust fan on the roof of the pump station building.

### Scope of Work

Staff selected Carollo Engineers from the District's consultant short list to provide design services for the Project. Carollo Engineers completed the design in May 2017. The Project will include the following improvements to the Newark PS:

- Replace the electric actuator with a hydro-electric actuator on the Modulating Valve located on the Boost Pipeline at Newark PS.
- Extend the Boost Pipeline discharge below the water surface elevation in Wet Well 3 at the Newark PS.
- Replace the existing foul air exhaust fan in the wet well room with a new foul air exhaust fan on the Newark PS building roof.

Figures 4 through 6 include photos of the existing equipment to be replaced during the Project.

### Bid Results

The Project was advertised for bids on May 23, 2017. Three bids were received and opened on June 20, 2017 with the results shown as follows:

<b>Contractor</b>	<b>Total Contract Price</b>
D.W. Nicholson Corporation (Hayward, CA)	\$679,100
TNT Industrial Contractors, Inc. (Sacramento, CA)	\$683,413
Kiewit Infrastructure West Company (Fairfield, CA)	\$822,700

The Engineer's Estimate for the Project is \$695,000. The award of the Project is based on the Total Contract Price, which includes the total base bid plus Bid Alternate A. DWN's apparent low bid is 2% lower than the Engineer's Estimate. Table 1 includes the bid tabulation sheet and shows detailed results for the three bidders.

Bid Alternate A is for providing Builder's Risk insurance coverage. Builder's risk insurance is a special type of property insurance that indemnifies against the loss of or damage to a building

and equipment under construction. DWN submitted a bid amount of \$5,000 for this coverage. Staff recommends including this bid alternate in the construction contract.

Staff reviewed DWN's bid documents and found two irregularities. The first irregularity was DWN did not write the Total Contract Price in words. The bid documents required the bidders to write the Total Contract Price in both numbers and words. The individual bid items in DWN's bid schedule summed up correctly and the Total Contract Price entered in numbers by DWN was correct.

The second irregularity was DWN's Experience Modifications Rate (EMR) for the last three years did not match those provided by their workers' compensation insurance company after staff requested the information. The updated three-year average EMR provided by the insurance company is below the maximum threshold required in the bid documents.

Staff reviewed both bid irregularities and considered them to be minor. Since the bid irregularities did not affect the responsiveness of DWN's bid, staff recommends the Board waive them. No bid protests were received by the District.

DWN has confirmed that they will construct the project as bid. DWN has completed multiple projects for the District over the past several years, most notably the Cogeneration Project, Plant Facilities Improvements Project, and MCC and PLC Replacement Project, Phase 3. DWN is currently constructing the Chemical Tanks and Piping Replacement Project. Staff has been satisfied with DWN's work performance.

The contractor has 220 calendar days to complete the Project from Notice to Proceed, which puts the estimated substantial completion date in March 2018. Staff will provide construction management and inspection services.

Staff recommends the Board waive the bid irregularities, award the construction contract for the Newark Pump Station Wet Well Improvements Project, including Bid Alternate A, to D. W. Nicholson Corporation in the amount of \$679,100, and authorize staff to issue the Notice of Award for the Project.

PRE/SEG/RC/TL:ks

Attachments: Figure 1 – Drainage Basins Map  
Figure 2 – Project Location  
Figure 3 – Newark Influent Valve Box  
Figures 4 through 6 – Photos  
Table 1 – Bid Tabulation Sheet  
Contractor's Agreement

# Figure 1: Union Sanitary District Sewer Drainage Basins

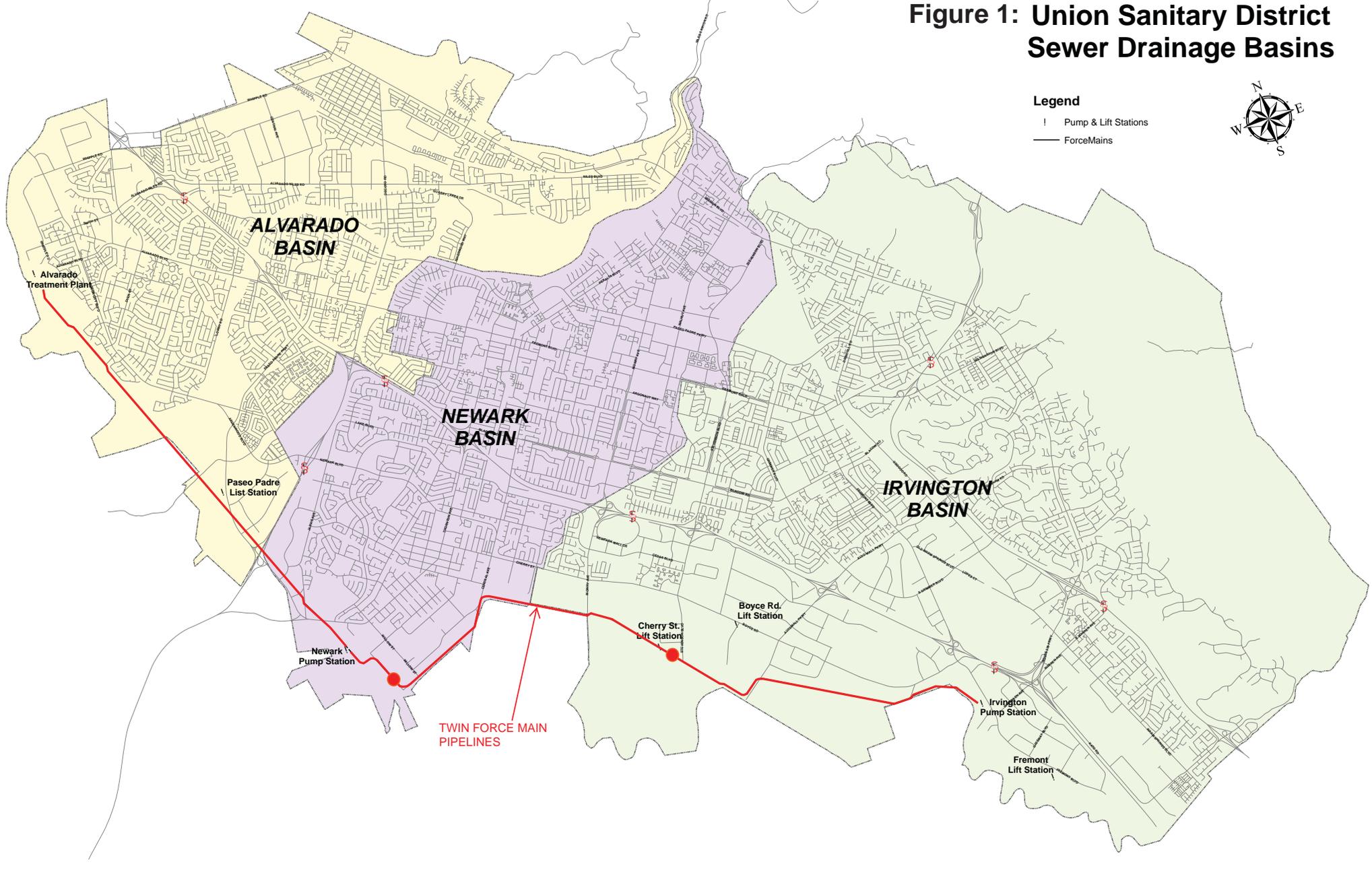


Figure 2

Project Location- Newark Pump Station



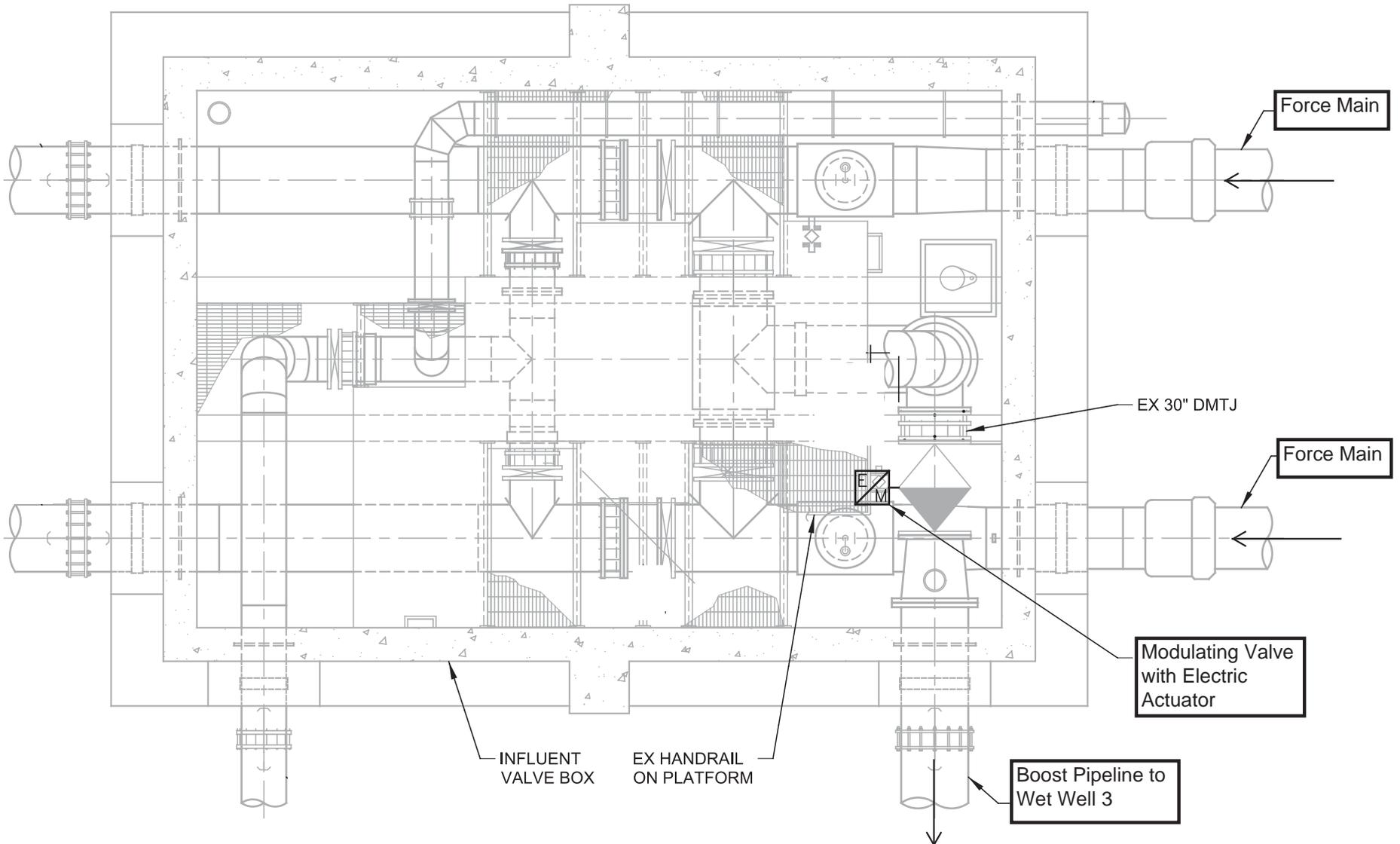


Figure 3 - Newark Influent Valve Box



Modulating Valve with Electric Actuator

Figure 4 - Electric actuator on the boost modulating valve



Boost Pipeline Discharge into Wet Well 3

Figure 5 - Boost Pipeline in the Wet Well Room



Figure 6 – Foul air exhaust fan in the Wet Well Room

**Table 1 - Bid Tabulation**  
**Newark Pump Station Wet Well Improvements Project No. 800-492**

Bid Item No.	Bid Item	Unit	Estimated Quantity	D. W. Nicholson Corporation (Hayward, CA)	TNT Industrial Contractors, Inc. (Sacramento, CA)	Kiewit Infrastructure West Co. (Fairfield CA)
				Total Bid Price		
1	Cost for completing all Work included as part of Contract Documents for Project No. 800-492, except as specified under items 2-5, and the bid alternates.	LS	1	\$10,100	\$46,425	\$30,000
2	Cost for completing all Work required to extend the Boost Lateral piping	LS	1	\$168,700	\$111,215	\$235,000
3	Cost for completing all Work required to replace the Boost Modulating Valve.	LS	1	\$230,200	\$191,058	\$255,000
4	Cost for completing all Work required to replace the Foul Air Fan, including one additional fan resheaving	LS	1	\$260,100	\$325,748	\$295,000
5	Allowance for UPS relocation	LS	1	\$5,000	\$5,000	\$5,000
6	Cost for providing all shoring and bracing on all Bid Items above including but not limited to that as required by Sections 6700-6708 of the Labor Code. Bid Item 5 includes all costs for designing, procuring, installing, removing and any other work necessary to provide all sheeting, shoring and bracing of excavations as required, but not limited to, Labor Code Sections 6700-6708	LS	1	\$0	\$667	\$1,000
<b>Total Base Bid</b>				<b>\$674,100</b>	<b>\$680,113</b>	<b>\$821,000</b>
Bid Alternate A	Builder's Risk Insurance	LS	1	\$5,000	\$3,300	\$1,700
<b>Contract Price (Total Base Bid + Bid Alternate A) - This is the basis of award</b>				<b>\$679,100</b>	<b>\$683,413</b>	<b>\$822,700</b>

Engineer's Estimate: \$695,000

**AGREEMENT FOR THE CONSTRUCTION OF  
Newark Pump Station Wet Well Improvements Project  
Project No. 800-492**

THIS AGREEMENT, made and concluded, in duplicate, this \_\_\_\_\_ day of July, 2017, between the UNION SANITARY DISTRICT ("District"), Union City, California, and D. W. NICHOLSON CORPORATION ("Contractor"), License No. 68847.

W I T N E S S E T H :

1. That for and in consideration of the payments and agreements hereinafter mentioned, to be made and performed by the District, and under the conditions expressed in the two bonds, bearing even date with these presents, and hereunto annexed, the Contractor agrees with the District, at his/her own proper cost and expense, to do all the work and furnish all the materials necessary to construct and complete in good workmanlike and substantial manner the project entitled: **Newark Pump Station Wet Well Improvements Project (800-492)** in strict conformity with the plans and specifications prepared therefor, which said plans and specifications are hereby specially referred to and by said reference made a part hereof.

2. Now, therefore, in consideration of the mutual covenants and agreements of the parties herein contained and to be performed, the Contractor hereby agrees to complete the work in accordance with the terms and conditions stipulated in the Contract Documents for the sum of six hundred seventy nine thousand and one hundred dollars (\$679,100) (the "Contract Price") computed in accordance with Contractor's accepted proposal dated June 20, 2017, which accepted proposal is incorporated herein by reference thereto as if herein fully set forth. This sum includes the following bid alternates that have been accepted by the District and are hereby incorporated in the Agreement: Bid Alternate A. Compensation shall be based upon the lump sum bid items plus the unit prices stated in the Bid Schedule times the actual quantities or units of work and materials performed or furnished. The further terms, conditions, and covenants of this Agreement are set forth in the Contract Documents, each of which is by this reference made a part hereof. Payments are to be made to the Contractor in accordance with the provisions of the Contract Documents and the Technical Specifications in legally executed and regularly issued warrants of the District, drawn on the appropriate fund or funds as required by law and order of the District thereof.

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

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

(a) The Contractor shall comply with all applicable provisions of Section 1810 to 1815, inclusive, of the California Labor Code relating to working hours. The Contractor shall, as a penalty to the District, forfeit the sum of twenty-five dollars (\$25) for each

worker employed in the execution of the Contract by the Contractor or by any subcontractor for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one calendar week, unless such worker receives compensation for all hours worked in excess of eight (8) hours at not less than 1-1/2 times the basic rate of pay.

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

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

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

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

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

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

(2) A certified copy of all payroll records enumerated in Paragraph 4(f), herein, shall be made available for inspection or furnished upon request to the

District, the Division of Labor Standards Enforcement, and the Division of Apprenticeship Standards of the Department of Industrial Relations.

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

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

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

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

(g) The Contractor and any subcontractors shall, when they employ any person in any apprenticeable craft or trade, apply to the joint apprenticeship committee administering the apprenticeship standards of the craft or trade in the area of the construction site for a certificate approving the Contractor or subcontractor under the apprenticeship standards for the employment and training of apprentices in the area or industry affected; and shall comply with all other requirements of Section 1777.5 of the California Labor Code. The responsibility of compliance with California Labor Code Section 1777.5 during the performance of this contract rests with the Contractor. Pursuant to California Labor Code Section 1777.7, in the event the Contractor willfully fails to comply with the provisions of California Labor Code Section 1777.5, the

Contractor shall be denied the right to bid on any public works contract for up to three (3) years from the date noncompliance is determined and be assessed civil penalties.

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

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

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

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

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

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

6. The Contractor agrees to provide and maintain insurance coverage, and to indemnify and save harmless the parties named and in the manner set forth in Section 00800-2.0,

**LIABILITY AND INSURANCE**, of the Supplementary General Conditions of the Specifications.

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

7. The Contractor shall diligently prosecute the work so that it shall be substantially completed within the time specified in Section 00800-1.1, **Time Allowed for Completion**.

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

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

Any and all other special guarantees which may be applicable to definite parts of the work under this agreement shall be considered as an additional guarantee and shall not reduce or limit the guarantee as provided by Contractor pursuant to this paragraph during the first year of the life of such guarantee.

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

In addition to the bond required under Paragraph 9, hereof, Contractor shall furnish a good and sufficient corporate surety bond in the penal sum of one hundred percent (100%) of the Contract Price, which bond shall be on the form provided by the District in Section 00620, **PAYMENT BOND**, and conform strictly with the provisions of Sections 9550 et seq. of the Civil Code, and all amendments thereto. The corporate surety bond shall be issued by a

corporate surety that possesses a minimum rating from A. M. Best Company of A:VII and that is approved by the District. The corporate surety shall be authorized to conduct business in California. At its discretion, the District may request that a certified copy of the certificate of authority of the insurer issued by the Insurance Commissioner of the State of California be submitted by the surety to the District. At its discretion, the District may also require the insurer to provide copies of its most recent annual statement and quarterly statement filed with the Department of Insurance pursuant to Article 10 (commencing with Section 900) of Chapter 1 of Part 2 of Division 1 of the Insurance Code.

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

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

13. As required by Section 6705 of the California Labor Code and in addition thereto, whenever work under the Contract involves the excavation of any trench or trenches five feet or more in depth, the Contractor shall submit in advance of excavations, a detailed plan showing the design of shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. If such plan varies from the shoring system standards established by the Construction Safety Orders of the Division of Industrial Safety in Title 8, Subchapter 4, Article 6, California Code of Regulations, the plan shall be prepared by a registered civil or structural engineer employed by the Contractor, and all costs therefore shall be included in the price named in the Contract for completion of the work as set forth in the Contract Documents. Nothing in this Section shall be deemed to allow the use of a shoring, sloping, or other protective system less effective than that required by the Construction Safety Orders. Nothing in this Section shall be construed to impose tort liability on the District, the Design Consultant, Construction Manager or any of their agents, consultants, or employees. The District's review of the Contractor's excavation plan is only for general conformance to the California Construction Safety Orders.

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

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

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

16. In accordance with Section 4552 of the Government Code, the Contractor shall conform to the following requirements. In submitting a bid to the District, the Contractor offers and agrees that if the bid is accepted, it will assign to the District all rights, title, and interest

in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act [Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code], arising from purchase of goods, materials, or services by the Contractor for sale to the District pursuant to the bid. Such assignment shall be made and become effective at the time the District tenders final payment to the Contractor.

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

18. In accordance with California Business and Professions Code Section 7030, the Contractor is required by law to be licensed and regulated by the Contractors' State License Board which has jurisdiction to investigate complaints against contractors if a complaint regarding a patent act or omission is filed within four years of the date of the alleged violation. A complaint regarding a latent act or omission pertaining to structural defects must be filed within 10 years of the date of the alleged violation. Any questions concerning the Contractor may be referred to the Registrar, Contractors' State License Board, P.O. Box 26000, Sacramento, California 95826.

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

Unless arising solely out of the active negligence, gross negligence or willful misconduct of the District or the Design Consultant, the Contractor shall indemnify, defend and hold harmless: (1) the District and its Board of Directors, officers, employees, agents and representative; (ii) the Design Consultant and its consultants for the Work and their respective agents and employees; and (iii) if one is designated by the District for the work, the Construction Manager and its agents and employees (collectively "the Indemnified Parties"). The Contractor's obligations hereunder include indemnity, defense and hold harmless of the Indemnified Parties from and against any and all damages, losses, claims, demands or liabilities whether for damages, losses or other relief, including, without limitation attorney's fees and costs which arise, in whole or in part, from the Work, the Contract Documents or the acts, omissions or other conduct of the Contractor or any subcontractor or any person or entity engaged by them for the Work. The Contractor's obligations under the foregoing include without limitation: (i) injuries to or death of persons; (ii) damage to property; or (iii) theft or loss of property; (iv) stop notice claims asserted by any person or entity in connection with the Work; and (v) other losses, liabilities, damages or costs resulting from, in whole or part, any

acts, omissions or other conduct of Contractor, any of Contractor's Subcontractors, of any tier, or any other person or entity employed directly or indirectly by Contractor in connection with the Work and their respective agents, officers or employees. If any action or proceeding, whether judicial, administrative, arbitration or otherwise, shall be commenced on account of any claim, demand or liability subject to Contractor's obligations hereunder, and such action or proceeding names any of the Indemnified Parties as a party thereto, the Contractor, at its sole cost and expense, shall defend the District and the Design Consultant in such action or proceeding with counsel reasonably satisfactory to the Indemnified Parties named in such action or proceeding. In the event that there shall be any judgment, award, ruling, settlement, or other relief arising out of any such action or proceeding to which any of the Indemnified Parties are bound by, Contractor shall pay, satisfy or otherwise discharge any such judgment, award, ruling, settlement or relief. Contractor shall indemnify and hold harmless the Indemnified Parties from any and all liability or responsibility arising out of any such judgment, award, ruling, settlement or relief. The Contractor's obligations hereunder are binding upon Contractor's Performance Bond Surety and these obligations shall survive notwithstanding Contractor's completion of the Work or the termination of the Contract.

IN WITNESS WHEREOF, the parties hereto have executed this agreement this \_\_\_\_\_ day of July, 2017.

**D. W. NICHOLSON CORPORATION**

By: \_\_\_\_\_

Thomas S. Reed  
President

Address: 24747 Clawiter Road, Hayward, California 94545

**UNION SANITARY DISTRICT**

By: \_\_\_\_\_

Anjali Lathi  
Board Secretary

Address: 5072 Benson Road, Union City, California 94587

ATTEST:

\_\_\_\_\_

Karen W. Murphy  
Attorney for Union Sanitary District



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

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

Karen W. Murphy  
*Attorney*

**DATE:** July 3, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

**FROM:** Paul R. Eldredge, General Manager/District Engineer  
Laurie Brenner, Finance and Acquisition Services Team Coach

**SUBJECT:** Agenda Item No. 11 - Meeting of July 10, 2017  
**Consider an Updated Resolution Authorizing Investment of Monies in the Local Agency Investment Fund (LAIF)**

### **Recommendation**

Consider and adopt an updated Resolution for Authorizing Investment of Monies in the Local Agency Investment Fund (LAIF), identifying and authorizing incumbents holding appropriate job titles within the District for the deposit or withdrawal of monies in the Local Agency Investment Fund (LAIF), pursuant to Government Code section 16429.1.

### **Background**

The Business Services Work Group Manager position at the District was recently and unexpectedly vacated. Prior to this vacancy, several key finance related job titles were revised and adopted for use at the District. These changes impact the existing 2006 Board Resolution #2503- Authorize Investment of Monies in the Local Agency Investment Fund, which named only the General Manager, Business Services Manager, and Principal Financial Analyst as being authorized for the deposit or withdrawal of monies in LAIF on behalf of the District.

Upon submitting a new "Authorization for Transfer of Funds" form to the California State Treasurer's Office Local Agency Investment Fund office intended to update LAIF on newly authorized job titles within the District (after the departure of the Business Services Work Group Manager), we were notified that a new Board Resolution would be required naming the Finance & Acquisition Coach (aka Business Services Coach) as one of the authorized signatures required to execute any further positional changes on the LAIF account for the District.

### **Attachments**

- a. Resolution Authorizing Investment of Monies in the Local Agency Investment Fund (LAIF)
- b. USD Board Resolution #2503 (for reference only)

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

**RESOLUTION OF THE UNION SANITARY DISTRICT BOARD OF DIRECTORS  
AUTHORIZING INVESTMENT OF MONIES IN THE LOCAL AGENCY  
INVESTMENT FUND**

WHEREAS, WHEREAS, The Local Agency Investment Fund is established in the State Treasury under Government Code section 16429.1 et. seq. for the deposit of money of a local agency for purposes of investment by the State Treasurer; and

WHEREAS, the Board of Directors hereby finds that the deposit and withdrawal of money in the Local Agency Investment Fund in accordance with Government Code section 16429.1 et. seq. for the purpose of investment as provided therein is in the best interests of the Union Sanitary District.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors hereby authorizes the deposit and withdrawal of Union Sanitary District monies in the Local Agency Investment Fund in the State Treasury in accordance with Government Code section 16429.1 et. seq. for the purpose of investment as provided therein.

BE IT FURTHER RESOLVED, as follows:

Section 1. The following Union Sanitary District officers holding the title(s) specified below or their successors in office are each hereby authorized to order the deposit or withdrawal of monies in the Local Agency Investment Fund and may execute and deliver any and all documents necessary or advisable in order to effectuate the purposes of this resolution and the transactions contemplated hereby:

Paul R. Eldredge  
General Manager/District Engineer

\_\_\_\_\_

Business Services Manager/Chief Financial Officer

\_\_\_\_\_

Laurie Brenner  
Finance & Acquisition Coach (aka Business Services Coach)

\_\_\_\_\_

Virginia Holslag  
Accounting & Financial Analyst

\_\_\_\_\_

Section 2. This resolution shall remain in full force and effect until rescinded by the Board of Directors by resolution and a copy of the resolution rescinding this resolution is filed with the State Treasurer's Office.

I hereby certify that the foregoing Resolution was duly and regularly adopted and passed by the Board of Directors of the UNION SANITARY DISTRICT, Alameda County, California, at a meeting thereof held on the 10<sup>th</sup> day of July, 2017.

AYES:

NOES:

ABSENT:

ABSTAIN:

---

TOM HANDLEY, President  
Board of Directors Union Sanitary District

ATTEST:

---

ANJALI LATHI, Secretary  
Board of Directors Union Sanitary District

RESOLUTION NO. 2503

RECEIVED STATE  
TREASURER'S OFFICE  
INVESTMENT DIVISION

**AUTHORIZE INVESTMENT OF MONIES IN THE  
LOCAL AGENCY INVESTMENT FUND**

2006 AUG -8 AM 11:37

WHEREAS, Pursuant to Chapter 730 of the statutes of 1976, Section 16429.1 was added to the California Government Code to create a Local Agency Investment Fund in the State Treasury for the deposit of money of a local agency for purposes of investment by the State Treasurer; and

WHEREAS, the Board of Directors does hereby find that the deposit and withdrawal of money in the Local Agency Investment Fund in accordance with the provisions of Section 16429.1 of the Government Code for the purpose of investment as stated therein as in the best interests of the Union Sanitary District.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors does hereby authorize the deposit and withdrawal of Union Sanitary District monies in the Local Agency Investment Fund in the State Treasury in accordance with the provisions of Section 16429.1 of the Government Code for the purpose of investment as stated therein, and verification by the State Treasurer's Office of all banking information provided in that regard.

BE IT FURTHER RESOLVED, that the following Union Sanitary District officers or their successors in office shall be authorized to order the deposit or withdrawal of monies in the Local Agency Investment Fund:

Richard B. Currie  
Richard Currie *Added*  
General Manager

Richard Cortes  
Richard Cortes  
Business Services Manager ✓

Maria Scott  
Maria Scott ✓  
Principal Financial Analyst

PASSED AND ADOPTED by the Board of Directors of Union Sanitary District, Alameda County, California, at a meeting thereof held on the 26<sup>th</sup> day of June 2006.

- AYES: Gacoscos, Kite, Lathi, Toy, Wilkowsky
- NOES: ---
- ABSENT: ---
- ABSTAIN: ---

Jennifer Toy  
Jennifer Toy, Chairperson  
Board of Directors, Union Sanitary District

Pat Gacoscos  
Pat Gacoscos, Secretary  
Board of Directors, Union Sanitary District

Adopted June 26, 2006

08/10/06  
JH



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

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

Karen W. Murphy  
*Attorney*

**DATE:** July 5, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

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

**SUBJECT:** Agenda Item No. 12 - Meeting of July 10, 2017  
**Consider Options for Scheduling Special Meetings and Workshops**

### **Recommendation**

It is recommended that the Board consider and discuss options for scheduling special meetings and workshops.

### **Background**

The Brown Act does not set forth a specific process for scheduling the date and time of special meetings. As with any Board meeting, a quorum of the Board, or three Boardmembers, must be present. Further, special meetings must be publicly noticed in accordance with the requirements of the Brown Act.

Special meetings of the Board, including closed sessions and workshops, have generally been scheduled by the Executive Assistant to the General Manager/Board Clerk after she receives notice that a special meeting has been called. The Board Clerk emails a Doodle poll to the Boardmembers to check on their availability and attempts to schedule a meeting when all members are able to attend. If a Boardmember does not respond to the poll within 48 hours, the Board Clerk will call the Boardmember to ask about availability.

During Scheduling Matters for Future Consideration, the scheduling of special meetings was raised as a topic to be discussed by the Board. It is recommended that the Board discuss whether or not the current procedure is suitable for the Board's needs or whether the Board desires the Board Clerk to use an alternative procedure to contact Boardmembers for availability to schedule meetings.



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

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

Karen W. Murphy  
*Attorney*

**DATE:** July 5, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

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

**SUBJECT:** Agenda Item No. 13 - Meeting of July 10, 2017  
**Election of Officers for the Board of Directors for FY 2018 and Consideration of Amendment of Board Officer Titles**

### **Recommendation**

It is recommended that the Board appoint and elect by motion the officers to serve as President, Vice President, and Secretary for Fiscal Year 2018, in accordance with the attached policy. It is also recommended that, if desired by the Board, the Board amend by motion the titles of President and Vice President to Chair and Vice Chair, respectively, for the next fiscal year.

### **Background**

The current policy was approved by the Board in December 2016, and designates the offices of President, Vice President, and Secretary. The policy states the Board shall annually elect by majority vote the President, Vice-President, and Secretary for one year terms. The policy also allows the Board to amend by motion the titles of President and Vice-President to Chair and Vice-Chair, respectively, provided that, regardless of title, the Chair act as the "president" pursuant to California Health and Safety Code section 6486.

Historically, the Board has followed a rotation of officers, where Vice President becomes President, Secretary becomes Vice President, and the 4<sup>th</sup> member in rotation becomes Secretary. At present, Director Kite is Vice President, Director Lathi is Secretary, and Director Fernandez is the 4<sup>th</sup> member in the rotation.

In accordance with Policy 3070, Board officers in office at the beginning of the meeting shall retain their positions until the adjournment of the meeting and newly elected Board officers will assume their duties immediately following the meeting. Any change to the titles of the officers would also be effective immediately following the meeting.

Attachment: Board Policy 3070, Boardmember Officers and Committee Membership

Effective: 03/14/16	<b>Boardmember</b>  <b>Officers and Committee Membership</b>	Policy Number 3070  Page 1 of 3
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### **Policy**

Selection of Board Officers will be held annually at the first regular meeting in the month of July of each year. Internal Board committee memberships shall be established no later than the second regularly scheduled meeting in July of each year, following the selection of the Board Officers. External commissions/committees representatives shall be established no later than the first regularly scheduled meeting in May of each year.

### **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 one year.
2. 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 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.

3. At the first regularly scheduled Board meeting in July, or as soon thereafter as the item can be agendaized at a regular Board meeting, the Board shall appoint its Board Officers. 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 one year terms. 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; Construction; 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 (ACWDFEA); 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 the representatives for the External Committees no later than the first regularly scheduled Board meeting in May of each year in order to ensure that the representatives may be seated for the first meeting of the new committee or commission. At the prior meeting, Directors shall be provided a list of the 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 committee interests shall be compiled in a staff report by the General Manager, or designee, and provided to the Board for consideration. The Board shall elect the CCRs for one year terms or as otherwise decided by the Board majority. The election or removal of CCRs 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 committee appointments.

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

Approved by: Board of Directors March 14, 2016  
Reviewers: General Manager, Board of Directors, District's attorney  
Notify Person: General Manager  
Review frequency: Every 3 years  
Next Review: March 2019



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

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

Karen W. Murphy  
*Attorney*

**DATE:** July 3, 2017

**MEMO TO:** Board of Directors - Union Sanitary District

**FROM:** Paul R. Eldredge, General Manager/District Engineer  
Laurie Brenner, Finance and Acquisition Services Team Coach

**SUBJECT:** Agenda Item No. 14 - Meeting of July 10, 2017  
Information Item: **May 2017 Monthly Financial Reports**

### **Recommendation**

Information only.

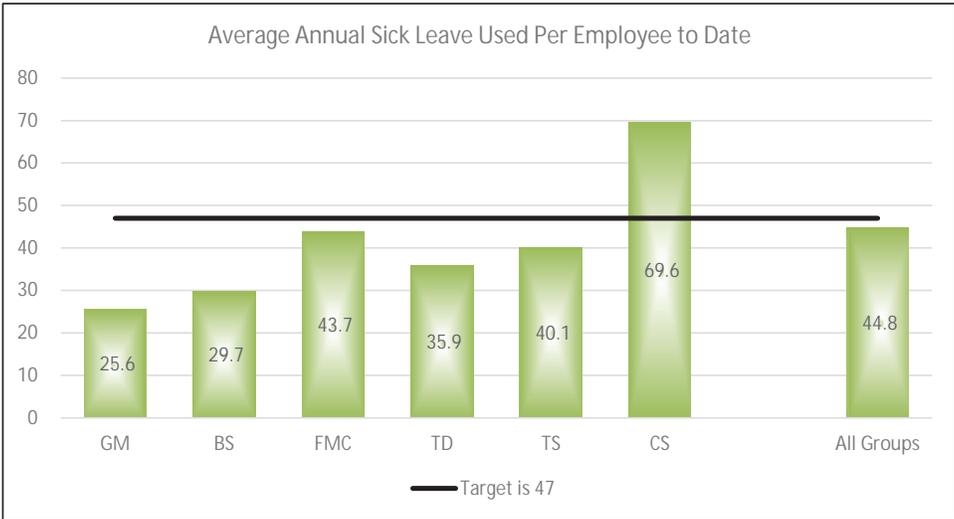
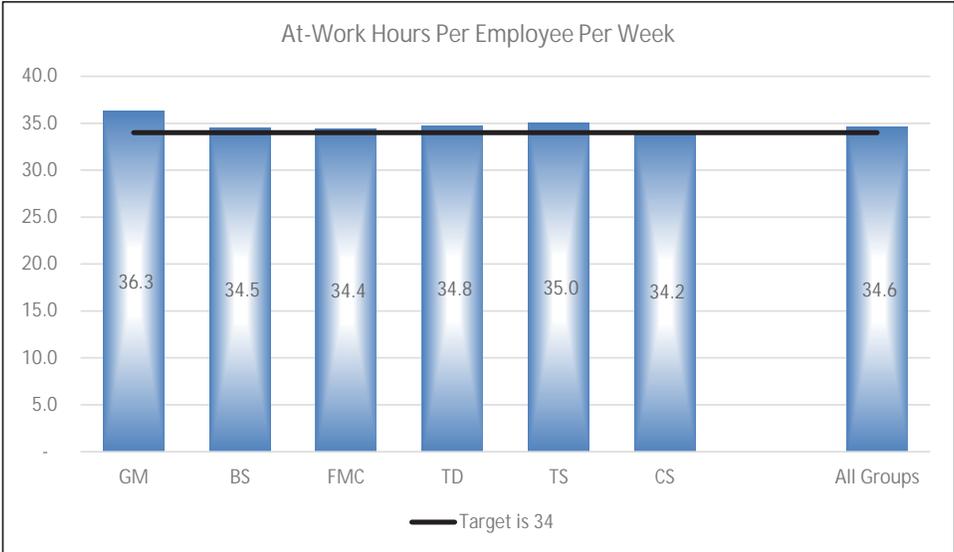
### **Background**

The May 2017 Financial Reports include the following:

- Hours Worked and Leave Time by Work Group
- Budget and Finance Report
- Revenues and Expenses Report
- Business Services Group Report
- Portfolio Holdings Charts
- Portfolio Holdings Report
- Transaction Summary

**HOURS WORKED AND LEAVE TIME BY WORK GROUP**

June 30, 2016 through May 17, 2017  
 Weeks to Date: 46 out of 52 (88.46%)



**NOTES**

- (1) Regular hours does not include hours worked by part-time or temporary employees.
- (2) Overtime hours includes call outs.
- (3) Discretionary Leave includes Vacation, HEC, Holiday, MAL, FLEX, Funeral, Jury Duty, Military, OT Banked Use, Paid Admin., SLIP, VRIP, Holiday Banked Use leaves.
- (4) Sick Leave includes sick and catastrophic sick leaves as well as protected time off, of which the District has no discretion.

An employee using 15 vacation, 11 holiday, 2 HEC, and 5 sick days will work an average of **34.9** hours per week over the course of a year; with 20 vacation days, **34.2** hours per week.

**HOURS WORKED AND LEAVE TIME BY WORK GROUP**

June 30, 2016 through May 17, 2017

Weeks to Date: 46 out of 52 (88.46%)

Group	Average Number of Employees	AT-WORK HOURS		At-Work Hours Per Employee Per Week	LEAVE HOURS				Average Annual Sick Leave Used Per Employee To Date	FY16		
		Regular (1)	Overtime (2)		Discretionary (3)	Short Term Disability	Workers Comp	Sick (4)		Average Number of Employees	At-Work Hours Per Week Per Employee	Annual Sick Leave Used
GM	2	3,254.75	72.00	36.3	374.00	-	-	51.25	25.6	2	36.1	40.6
BS	21	33,248.09	11.27	34.5	4,833.56	64.17	-	623.51	29.7	22	35.1	21.4
FMC	23	35,654.33	595.76	34.4	5,020.42	39.12	279.00	1,006.13	43.7	22	35.3	52.4
TD	27	42,147.92	890.92	34.8	5,716.89	336.91	16.50	968.78	35.9	25	35.4	49.9
TS	32	51,234.20	123.22	35.0	6,438.95	2.68	-	1,284.17	40.1	32	34.6	40.8
CS	31	46,318.53	2,232.20	34.2	7,357.36	559.75	23.00	2,156.69	69.6	31	35.1	55.0
<b>All Groups</b>	<b>136</b>	<b>211,857.82</b>	<b>3,925.37</b>	<b>34.6</b>	<b>29,741.18</b>	<b>1,002.63</b>	<b>318.50</b>	<b>6,090.53</b>	<b>44.8</b>	<b>134</b>	<b>35.1</b>	<b>44.5</b>

**SICK LEAVE INCENTIVE PROGRAM TARGETS**

**≥34**

**≤47**

The Sick Leave Incentive Program target goals are 47 or less hours of sick leave per employee annually, and 34 or more hours of at-work time per week per employee.

**NOTES**

(1) Regular hours does not include hours worked by part-time or temporary employees.

(2) Overtime hours includes call outs.

(3) Discretionary Leave includes Vacation, HEC, Holiday, MAL, FLEX, Funeral, Jury Duty, Military, OT Banked Use, Paid Admin., SLIP, VRIP, Holiday Banked Use leaves.

(4) Sick Leave includes sick and catastrophic sick leaves, as well as protected time off, of which the District has no discretion.

An employee using 15 vacation, 11 holiday, 2 HEC, and 5 sick days will work an average of 34.9 hours per week over the course of a year;

with 20 vacation days, 34.2 hours per week.

**BUDGET AND FINANCE REPORT**

FY 2017

**Year-to-date as of 05/31/17**

91.67% of year elapsed

**Revenues**

	<b>Budget</b>	<b>Actual</b>	<b>% of Budget Rec'd</b>	<b>Audited Last Year Actuals 6/30/16</b>
Capacity Fees	\$8,935,000	\$10,062,140	113%	\$7,233,337
Sewer Service Charges	50,404,690	49,786,883	99%	50,112,564
Operating (Work Groups)	1,355,000	1,333,020	98%	1,233,675
Interest	475,500	610,240	128%	496,439
Misc. (LAVWMA pymnt, solar, Cogen rebates)	505,000	575,614	114%	408,913
<b>Subtotal Revenues</b>	<b>\$61,675,190</b>	<b>\$62,367,897</b>	<b>101%</b>	<b>\$59,484,928</b>
SRF Loan Proceeds (Thickener Proj.)	2,800,000	3,433,448	123%	3,385,590
<b>Total Revenues + SRF Proceeds</b>	<b>\$64,475,190</b>	<b>\$65,801,345</b>	<b>102%</b>	<b>\$62,870,518</b>

**Expenses**

	<b>Budget</b>	<b>Actual</b>	<b>% of Budget Used</b>	<b>Last Year Actuals</b>
Capital Improvement Program:				
Capacity Proj.	\$4,342,500	\$2,997,030	69%	\$3,009,426
Renewal & Repl. Proj.	10,327,500	8,675,784	84%	8,494,486
Operating	34,708,351	29,326,305	84%	31,895,499
Special Projects	2,182,098	692,265	32%	707,526
Retiree Medical (ARC)	583,771	583,771	100%	561,205
Vehicle & Equipment	662,220	112,090	17%	341,967
Information Systems	1,232,100	435,296	35%	854,511
Plant & Pump Stat. R&R	250,000	247,329	99%	272,479
Emerg. Fund (Sinkhole)	0	286	0%	2,208,595
Pretreatment Fund	7,000	10,097	144%	29,249
Cty Fee for SSC Admin.	106,000	106,643	101%	105,866
Debt Servicing:				
SRF Loans	3,127,110	895,166	29%	3,127,110
<b>Total Expenses</b>	<b>\$57,528,650</b>	<b>\$44,082,060</b>	<b>77%</b>	<b>\$51,607,919</b>
<b>Total Revenue &amp; Proceeds less Expenses</b>	<b>\$6,946,540</b>	<b>\$21,719,285</b>		<b>\$11,262,599</b>

**Operating (Work Group) Expenses**

	<b>Budget</b>	<b>Actual</b>	<b>% of Budget Used</b>	<b>Last Year Actuals</b>
Board of Directors	\$178,500	\$119,573	67%	\$133,294
General Manager/Admin.	951,496	673,579	71%	884,051
Business Services	5,275,645	4,383,423	83%	4,772,324
Collection Services	6,296,287	5,430,363	86%	5,873,909
Technical Services	5,511,940	5,022,583	91%	5,156,725
Treatment & Disposal Services	10,631,833	8,605,950	81%	9,506,339
Fabrication, Maint. & Construction	5,862,650	5,090,835	87%	5,568,856
<b>Total</b>	<b>\$34,708,351</b>	<b>\$29,326,305</b>	<b>84%</b>	<b>\$31,895,499</b>

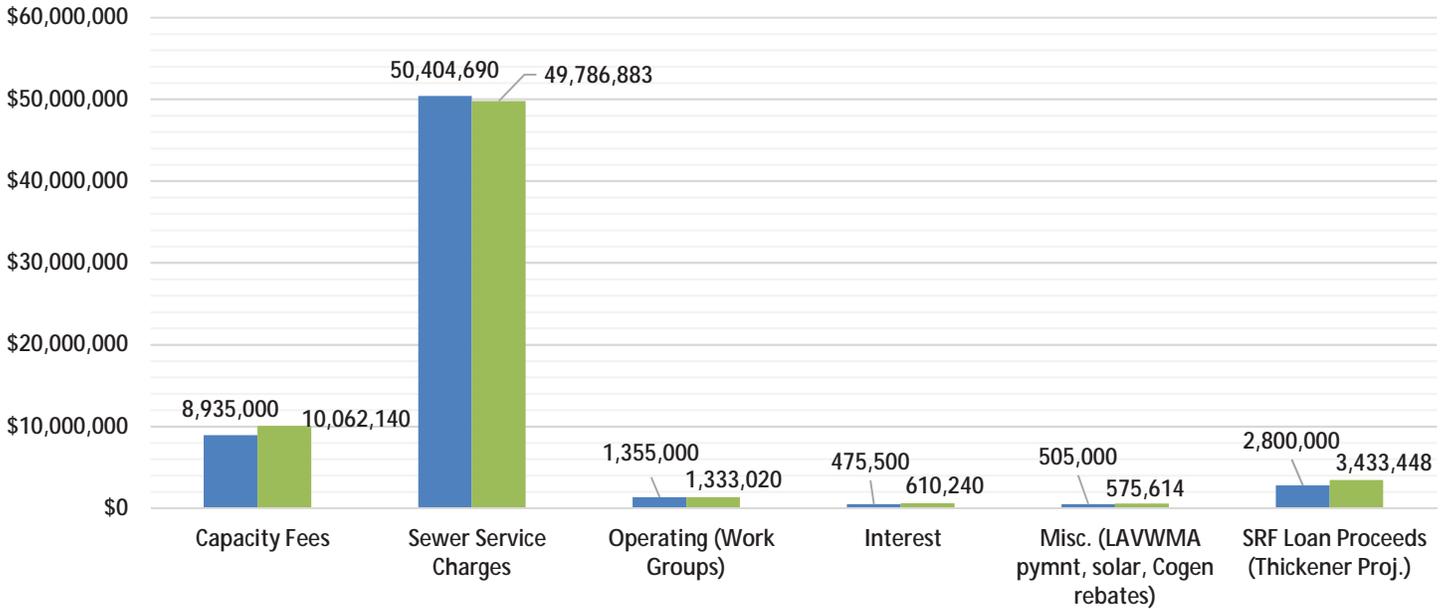
**Operating (Work Group) Expenses by Type**

	<b>Budget</b>	<b>Actual</b>	<b>% of Budget Used</b>	<b>Last Year Actuals</b>
Personnel (incl D&E)	\$23,906,064	\$20,978,601	88%	\$22,107,543
Repairs & Maintenance	2,022,630	1,760,961	87%	1,965,202
Supplies & Matls (chemicals, small tools)	2,424,140	1,817,104	75%	2,273,252
Outside Services (utilities, biosolids, legal)	6,029,045	4,686,433	78%	5,342,319
Fixed Assets	326,472	83,206	25%	207,183
<b>Total</b>	<b>\$34,708,351</b>	<b>\$29,326,305</b>	<b>84%</b>	<b>\$31,895,499</b>

**REVENUES AND EXPENSES REPORT**  
as of 5/31/17

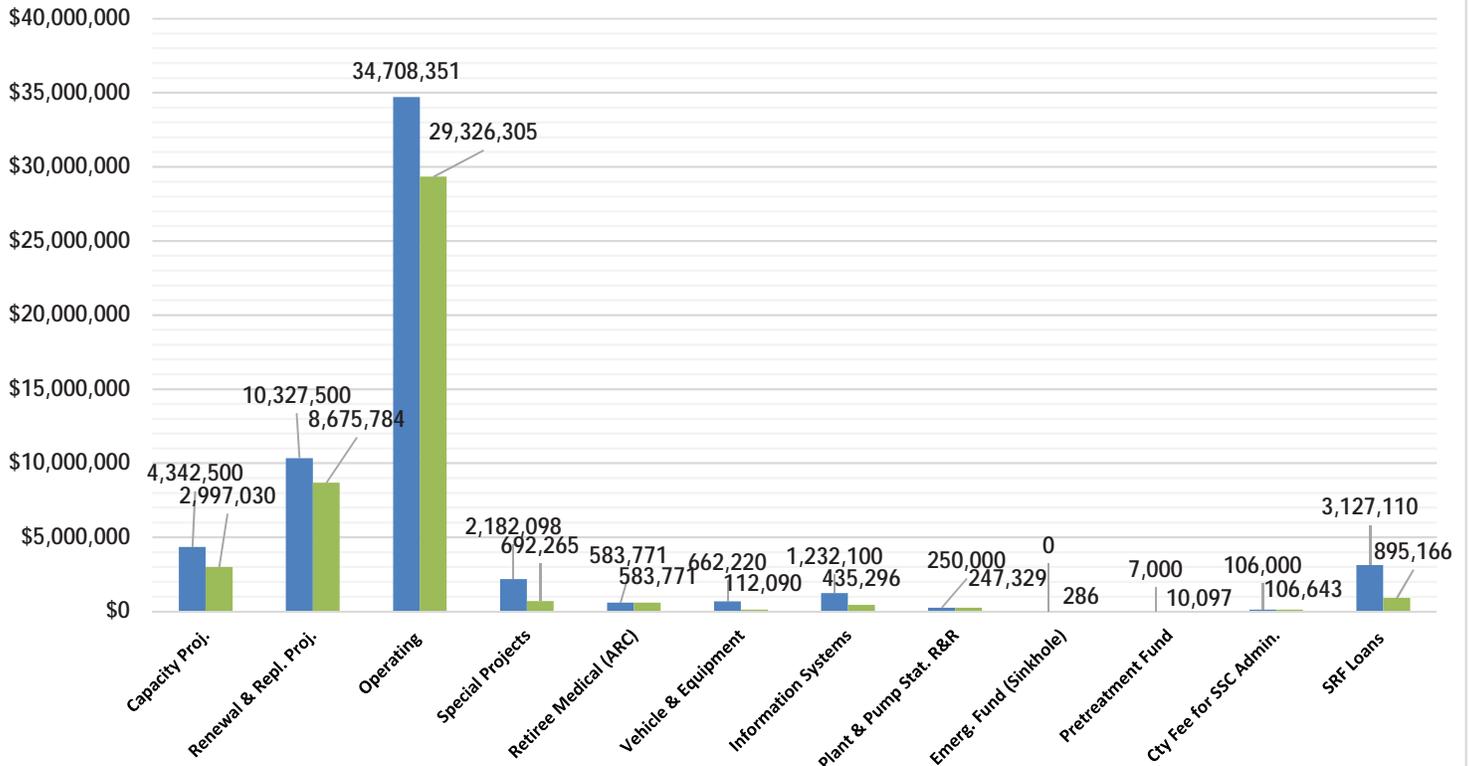
## Total Revenues

■ Budget ■ Actual



## Total Expenses

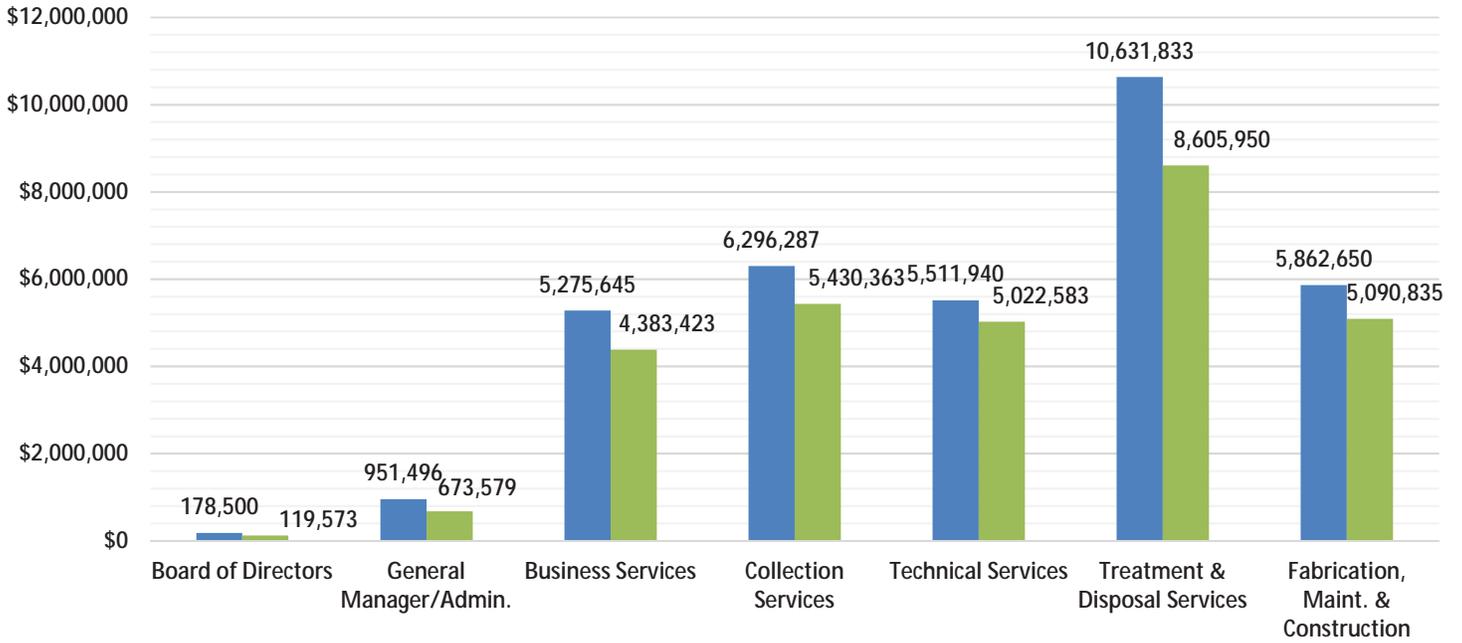
■ Budget ■ Actual



**REVENUES AND EXPENSES REPORT**  
as of 5/31/17

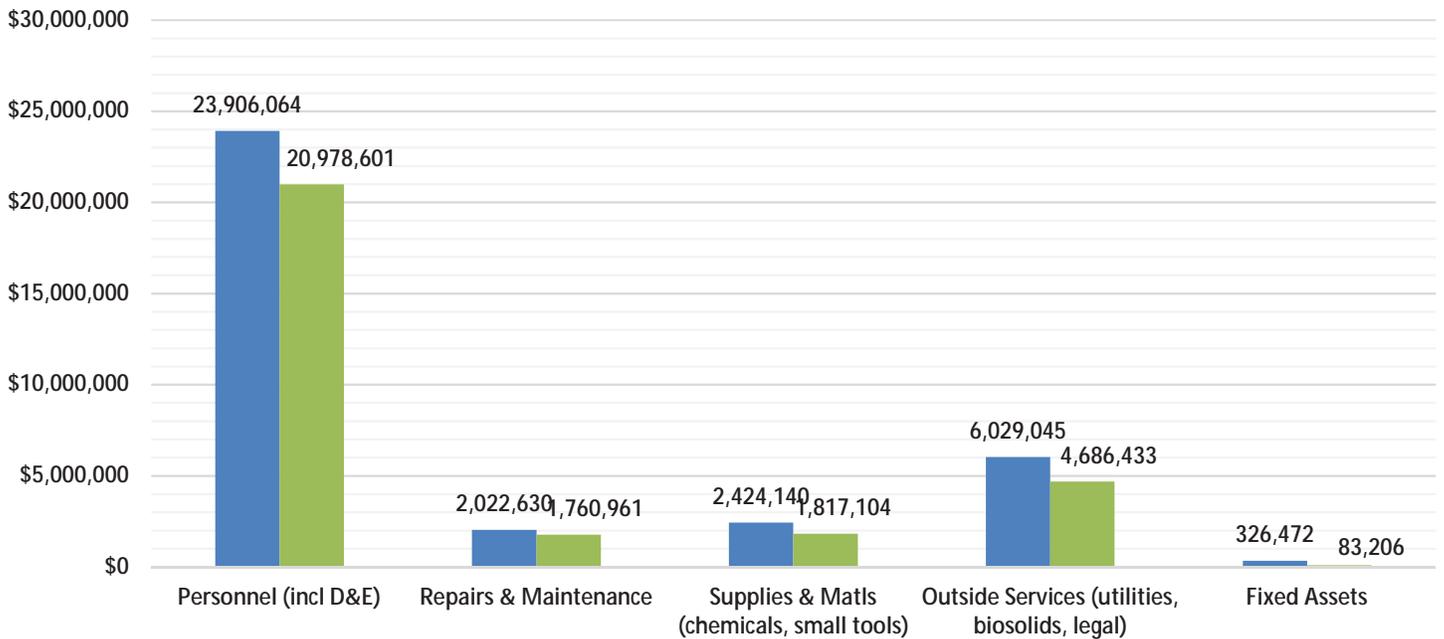
### Operating Expenses by Work Group

■ Budget ■ Actual



### Operating Expenses by Type

■ Budget ■ Actual

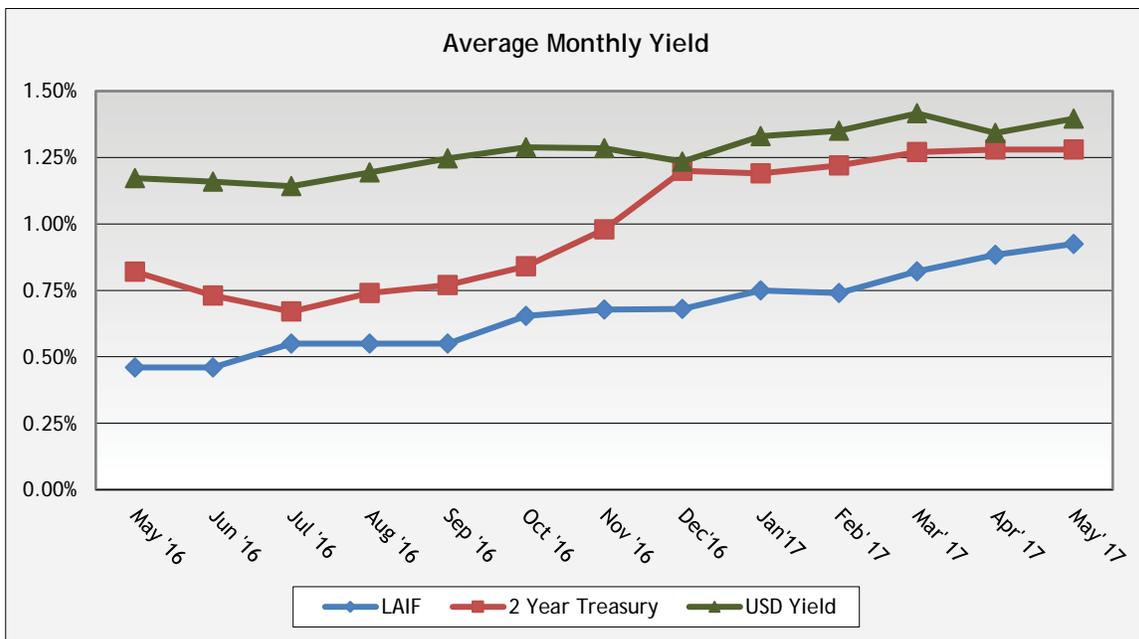


Business Services Group  
May 2017

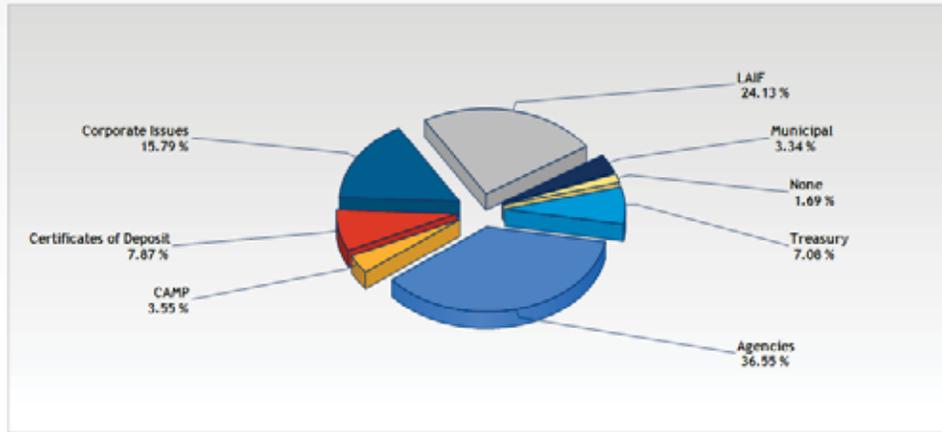
Accomplishments:

- Recruitment for Chemist was completed; Grace Calanog was hired on May 30, 2017.

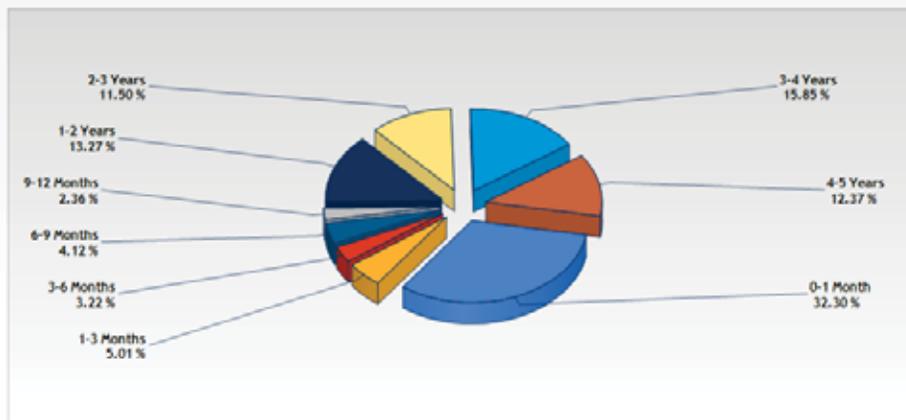
Performance Measures for the USD Investment Portfolio



Portfolio Holdings Distribution by Asset Class



Portfolio Holdings Distribution by Maturity Range



Maturity Range	Face Amount/Shares	YTM @ Cost	Cost Value	Days To Maturity	% of Portfolio	Market Value	Book Value	Duration To Maturity
0-1 Month	27,394,978.49	0.939	27,390,696.82	2	32.30	27,394,697.64	27,394,861.77	0.02
1-3 Months	4,237,000.00	0.961	4,250,399.00	74	5.01	4,236,973.09	4,238,560.81	0.20
3-6 Months	2,730,000.00	0.910	2,731,720.00	145	3.22	2,728,090.27	2,730,301.37	0.39
6-9 Months	3,496,000.00	0.875	3,497,180.00	228	4.12	3,489,634.94	3,496,131.94	0.62
9-12 Months	2,000,000.00	1.255	1,999,070.00	310	2.36	1,998,740.00	1,999,068.02	0.84
1-2 Years	11,248,000.00	1.260	11,251,290.00	607	13.27	11,233,068.85	11,249,182.77	1.67
2-3 Years	9,734,000.00	1.531	9,749,886.57	886	11.50	9,729,616.16	9,746,722.45	2.38
3-4 Years	13,245,000.00	2.083	13,445,787.56	1,361	15.85	13,357,692.81	13,399,462.61	3.59
4-5 Years	10,483,000.00	2.232	10,491,429.67	1,679	12.37	10,515,795.43	10,492,979.74	4.37
<b>TOTAL / AVERAGE</b>	<b>84,567,978.49</b>	<b>1.396</b>	<b>84,807,459.62</b>	<b>632</b>	<b>100</b>	<b>84,684,309.19</b>	<b>84,747,271.48</b>	<b>1.68</b>

**Union Sanitary District**  
**Board Report - Holdings**  
 Report Format: By Transaction  
 Group By: Asset Class  
 Average By: Cost Value  
**Portfolio / Report Group: All Portfolios**  
**As of 5/31/2017**

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
<b>Agencies</b>											
FFCB 0.9 1/16/2018-16	3133ECCZ5	Moody's-Aaa	12/23/2016	1,000,000.00	1,000,000.00	0.900	998,460.00	0.900		1/16/2018	1.18
FFCB 1.17 5/16/2019-17	3133EF7L5	Moody's-Aaa	5/16/2016	1,000,000.00	1,000,000.00	1.170	996,110.00	1.170		5/16/2019	1.18
FFCB 1.3 11/25/2019-16	3133EGBK0	Moody's-Aaa	5/25/2016	1,000,000.00	997,950.00	1.300	994,240.00	1.360		11/25/2019	1.18
FFCB 1.35 6/24/2019	3133EEZ60	Moody's-Aaa	5/24/2017	1,000,000.00	1,003,480.00	1.350	1,002,350.00	1.180		6/24/2019	1.18
FFCB 1.37 12/27/2018-17	3133EGZ24	None	12/27/2016	1,000,000.00	1,000,000.00	1.370	1,000,390.00	1.370	12/27/2017	12/27/2018	1.18
FFCB 1.59 3/23/2020-17	3133EFR25	Moody's-Aaa	3/23/2016	1,000,000.00	1,000,000.00	1.590	998,850.00	1.590		3/23/2020	1.18
FFCB 1.7 5/3/2021-17	3133EF5T0	Moody's-Aaa	5/3/2016	1,000,000.00	1,000,000.00	1.700	988,480.00	1.700		5/3/2021	1.18
FHLB 0.9 9/28/2017	3130A5KH1	Moody's-Aaa	7/22/2015	1,000,000.00	1,001,140.00	0.900	999,580.00	0.847		9/28/2017	1.18
FHLB 1.24 1/23/2019-18	3130AAN20	Moody's-Aaa	2/2/2017	1,000,000.00	999,100.00	1.240	998,210.00	1.286	1/23/2018	1/23/2019	1.18
FHLB 1.375 2/28/2019-17	3130ABEH5	Moody's-Aaa	5/30/2017	1,000,000.00	1,000,000.00	1.375	999,450.00	1.375	11/28/2017	2/28/2019	1.18
FHLB 1.93 12/21/2020-17	3130AADQ8	None	12/21/2016	1,000,000.00	1,000,000.00	1.930	1,000,000.00	1.930	6/1/2017	12/21/2020	1.18
FHLB 2 10/26/2021-19	3130AB3D6	None	4/26/2017	1,000,000.00	1,000,000.00	2.000	1,001,870.00	2.000	4/26/2019	10/26/2021	1.18
FHLB 2.05 12/29/2021-17	3130AAET1	Moody's-Aaa	12/29/2016	1,000,000.00	1,000,000.00	2.050	1,000,020.00	2.050	12/29/2017	12/29/2021	1.18
FHLB 2.4 12/22/2021-17	3130AAHC5	None	12/22/2016	1,000,000.00	1,000,000.00	2.400	1,000,160.00	2.400	6/22/2017	12/22/2021	1.18
FHLB Step 3/15/2021-16	3130A7EG6	Moody's-Aaa	3/15/2016	1,000,000.00	1,000,000.00	1.250	999,580.00	2.216	6/15/2017	3/15/2021	1.18
FHLB Step 4/28/2021-16	3130A7PR0	Moody's-Aaa	4/28/2016	1,000,000.00	1,000,000.00	1.250	996,800.00	2.114	7/28/2017	4/28/2021	1.18
FHLB Step 4/28/2021-16	3130A7QX6	Moody's-Aaa	4/28/2016	1,000,000.00	1,000,000.00	1.250	994,700.00	2.021		4/28/2021	1.18
FHLMC 0.8 8/25/2017-16	3134G8L49	Moody's-Aaa	2/25/2016	1,000,000.00	1,000,000.00	0.800	999,160.00	0.800		8/25/2017	1.18

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
FHLMC 1 7/25/2017	3134G3ZH6	Moody's-Aaa	6/24/2015	1,000,000.00	1,004,540.00	1.000	1,000,070.00	0.780		7/25/2017	1.18
FHLMC 1 8/15/2018-17	3134GABQ6	Moody's-Aaa	1/31/2017	1,000,000.00	998,700.00	1.000	997,080.00	1.087	8/15/2017	8/15/2018	1.18
FHLMC 1.2 12/14/2018-17	3134GAZU1	None	12/14/2016	1,000,000.00	1,000,000.00	1.200	994,360.00	1.200	6/14/2017	12/14/2018	1.18
FHLMC 1.25 10/28/2019-17	3134G8XQ7	Moody's-Aaa	4/28/2016	1,000,000.00	1,000,000.00	1.250	989,640.00	1.250		10/28/2019	1.18
FHLMC 1.41 4/26/2019-18	3134GBEG3	None	4/26/2017	1,000,000.00	1,000,000.00	1.410	999,220.00	1.410	4/26/2018	4/26/2019	1.18
FHLMC 1.5 12/30/2019-17	3134GAYY4	S&P-AA+	12/30/2016	1,000,000.00	1,000,000.00	1.500	1,000,010.00	1.500	6/30/2017	12/30/2019	1.18
FHLMC 1.5 9/9/2019-18	3134GA7A6	Moody's-Aaa	5/10/2017	1,000,000.00	1,000,000.00	1.500	1,000,080.00	1.500	3/19/2018	9/9/2019	1.18
FHLMC 2 12/30/2021-17	3134GAYV0	None	12/30/2016	1,000,000.00	1,000,000.00	2.000	999,990.00	2.000	6/30/2017	12/30/2021	1.18
FHLMC 2.3 3/29/2022-17	3134GA6Y5	None	3/29/2017	500,000.00	500,000.00	2.300	500,280.00	2.300	9/29/2017	3/29/2022	0.59
FHLMC Step 4/28/2021-16	3134G8VZ9	Moody's-Aaa	4/28/2016	2,500,000.00	2,500,000.00	1.250	2,474,375.00	2.116		4/28/2021	2.95
FHLMC Step 4/28/2021-16	3134G8Z28	Moody's-Aaa	5/10/2016	1,000,000.00	999,500.00	1.125	992,550.00	2.044	7/28/2017	4/28/2021	1.18
FNMA 1.5 6/16/2021-16	3136G3QX6	Moody's-Aaa	6/16/2016	1,000,000.00	995,000.00	1.500	984,120.00	1.604	6/16/2017	6/16/2021	1.17
<b>Sub Total / Average</b>				<b>31,000,000.00</b>	<b>30,999,410.00</b>	<b>1.406</b>	<b>30,900,185.00</b>	<b>1.585</b>			<b>36.55</b>
<b>CAMP</b>											
CAMP LGIP	LGIP4000	None	5/31/2011	3,013,242.44	3,013,242.44	0.970	3,013,242.44	0.970	N/A	N/A	3.55
<b>Sub Total / Average</b>				<b>3,013,242.44</b>	<b>3,013,242.44</b>	<b>0.970</b>	<b>3,013,242.44</b>	<b>0.970</b>			<b>3.55</b>
<b>Certificates of Deposit</b>											
Ally Bank 1.35 10/28/2019	02006LQ48	None	10/27/2016	248,000.00	248,000.00	1.350	246,800.87	1.350		10/28/2019	0.29
American Expr Centurion 2.45 4/5/2022	02587DN38	None	4/5/2017	247,000.00	247,000.00	2.450	254,375.22	2.450		4/5/2022	0.29
Belmont Savings Bank 2.15 3/22/2022	080515BV0	None	3/20/2017	248,000.00	248,000.00	2.150	251,969.93	2.150		3/22/2022	0.29
BMW Bank 2.15 3/10/2022	05580AGR9	None	3/10/2017	247,000.00	247,000.00	2.150	250,929.94	2.150		3/10/2022	0.29
Capital One Bank 1.5 10/26/2020	140420L99	None	10/26/2016	248,000.00	248,000.00	1.500	246,571.05	1.500		10/26/2020	0.29
Capital One National Asso Bank 1.25 8/28/2017	14042E6B1	None	8/26/2015	245,000.00	245,000.00	1.250	245,106.67	1.250		8/28/2017	0.29
Comenity Capital 1.25 4/11/2019	20033ASR8	None	10/25/2016	248,000.00	248,000.00	1.250	246,638.85	1.250		4/11/2019	0.29
Community Bank of the Chesapeake 0.75 8/8/2017	20350ABN0	None	6/8/2016	248,000.00	248,000.00	0.750	247,847.01	0.750		8/8/2017	0.29

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
Compass Bank 0.95 6/5/2017	20451PLE4	None	6/5/2015	240,000.00	240,000.00	0.950	240,000.53	0.950		6/5/2017	0.28
Discover Bank 2.25 12/29/2021	254672Y36	None	12/29/2016	247,000.00	247,000.00	2.250	252,108.08	2.250		12/29/2021	0.29
First Bank of Richmond 0.7 8/2/2017	319267FK1	None	6/2/2016	248,000.00	248,000.00	0.700	247,838.65	0.700		8/2/2017	0.29
First Niagara Bank 1.1 10/30/2017	33583CSV2	None	10/30/2015	245,000.00	245,000.00	1.100	244,875.32	1.100		10/30/2017	0.29
Franklin Synergy Bank 0.85 12/11/2017	35471TCH3	None	6/10/2016	248,000.00	248,000.00	0.850	247,400.98	0.850		12/11/2017	0.29
Goldman Sachs Bank 1 10/16/2017	38148JQX2	None	4/27/2015	240,000.00	239,520.00	1.000	239,797.15	1.069		10/16/2017	0.28
JP Morgan Chase Bank 1.1 7/15/2019	48125Y5L4	None	7/15/2016	249,000.00	249,000.00	1.100	246,788.46	1.100		7/15/2019	0.29
Lakeside Bank 1.75 5/29/2020	51210SMU8	None	5/30/2017	249,000.00	249,000.00	1.750	249,907.46	1.750		5/29/2020	0.29
Landmark Bank 2.1 3/29/2021-17	51506VCA9	None	3/29/2017	248,000.00	248,000.00	2.100	251,578.37	2.100	9/27/2017	3/29/2021	0.29
Marlin Business Bank 0.85 8/24/2017	57116ALG1	None	2/24/2016	248,000.00	248,000.00	0.850	247,870.10	0.850		8/24/2017	0.29
Medallion Bank 1.15 10/30/2017	58403B2L9	None	10/28/2015	245,000.00	245,000.00	1.150	244,927.80	1.150		10/30/2017	0.29
Pacific Premier Bank 0.9 12/5/2017	69478QDG2	None	6/3/2016	248,000.00	248,000.00	0.900	247,483.96	0.900		12/5/2017	0.29
Peoples State Bank of Newton 0.7 6/15/2017	712490AC5	None	6/15/2016	249,000.00	249,000.00	0.700	248,976.12	0.700		6/15/2017	0.29
Ponce De Leon Federal Bank 1.85 5/28/2021	732333AJ8	None	5/31/2017	249,000.00	249,000.00	1.850	250,148.39	1.850		5/28/2021	0.29
State Bank of India 2.25 1/26/2022	8562846A7	None	1/26/2017	247,000.00	247,000.00	2.250	252,109.37	2.250		1/26/2022	0.29
Summit Community Bank 1.65 5/29/2020	86604XLT1	None	5/31/2017	249,000.00	249,000.00	1.650	249,169.69	1.650		5/29/2020	0.29
Synchrony Bank 2.3 2/24/2022	87165ELT2	None	2/28/2017	247,000.00	247,000.00	2.300	252,677.89	2.300		2/24/2022	0.29
TCF National Bank 0.85 8/17/2017	872278SH0	None	2/17/2016	248,000.00	248,000.00	0.850	247,880.66	0.850		8/17/2017	0.29
Wells Fargo Bank 1.15 7/22/2019	9497486R3	None	7/20/2016	249,000.00	249,000.00	1.150	247,032.58	1.150		7/22/2019	0.29
<b>Sub Total / Average</b>				<b>6,672,000.00</b>	<b>6,671,520.00</b>	<b>1.419</b>	<b>6,698,811.10</b>	<b>1.422</b>			<b>7.87</b>
<b>Corporate Issues</b>											
3M COMPANY 1 6/26/2017	88579YAE1	Moody's-A1	12/13/2016	1,000,000.00	1,000,260.00	1.000	999,880.00	0.717		6/26/2017	1.18

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
American Express Credit 2.7 3/3/2022	0258M0EG0	Moody's-A2	5/15/2017	1,000,000.00	1,013,279.67	2.700	1,011,480.00	2.406		3/3/2022	1.19
Barclays Bank PLC Step 4/26/2022-17	06741VR95	Moody's-A1	4/26/2017	1,000,000.00	1,000,000.00	2.000	996,600.00	3.093	10/26/2017	4/26/2022	1.18
Chevron Corp 2.1 5/16/2021	166764BG4	Moody's-Aa2	5/10/2017	1,000,000.00	999,500.00	2.100	999,840.00	2.113		5/16/2021	1.18
Chevron Corp 2.193 11/15/2019	166764AN0	Moody's-Aa2	2/26/2016	1,160,000.00	1,167,806.57	2.193	1,171,089.60	2.004		11/15/2019	1.38
GE Capital International 2.04 11/15/2020	36164QMS4	S&P-AA	3/10/2017	1,000,000.00	1,010,642.28	2.040	1,010,230.00	1.738		11/15/2020	1.19
HSBC 4.875 8/24/2020	4042Q1AE7	Moody's-A1	5/17/2016	2,000,000.00	2,191,145.28	4.875	2,152,840.00	2.500		8/24/2020	2.58
JP Morgan 1.09 6/5/2017	46640PT52	Moody's-A1	1/6/2017	1,000,000.00	995,458.33	1.090	999,862.50	2.197		6/5/2017	1.17
JP Morgan Chase & Co 2 8/15/2017	48126EAA5	Moody's-A3	2/16/2016	1,000,000.00	1,008,859.00	2.000	1,001,200.00	1.400		8/15/2017	1.19
Toyota Motor Credit 1.55 7/13/2018	89236TCP8	Moody's-Aa3	3/16/2016	1,000,000.00	1,002,490.00	1.550	1,001,140.00	1.440		7/13/2018	1.18
Toyota Motor Credit Corp 1.2 4/6/2018	89236TCX1	Moody's-Aa3	4/6/2017	1,000,000.00	998,710.00	1.200	999,370.00	1.330		4/6/2018	1.18
Toyota Motor Credit Corp 1.2 4/6/2018	89236TCX1	Moody's-Aa3	5/24/2016	1,000,000.00	1,000,360.00	1.200	999,370.00	1.180		4/6/2018	1.18
<b>Sub Total / Average</b>				<b>13,160,000.00</b>	<b>13,388,511.13</b>	<b>2.255</b>	<b>13,342,902.10</b>	<b>1.904</b>			<b>15.79</b>
<b>LAIF</b>											
LAIF LGIP	LGIP1002	None	4/30/2011	20,460,926.78	20,460,926.78	0.925	20,460,926.78	0.925	N/A	N/A	24.13
<b>Sub Total / Average</b>				<b>20,460,926.78</b>	<b>20,460,926.78</b>	<b>0.925</b>	<b>20,460,926.78</b>	<b>0.925</b>			<b>24.13</b>
<b>Municipal</b>											
La Qunita Redev Agency 2.034 9/1/2019	50420BCH3	S&P-AA-	12/22/2016	1,330,000.00	1,336,650.00	2.034	1,333,657.50	1.843		9/1/2019	1.58
State of California 2.152 4/1/2022	13063DAD0	Moody's-Aa3	4/27/2017	1,000,000.00	1,010,000.00	2.152	1,009,800.00	1.938		4/1/2022	1.19
Victor Valley College General Obligation Bond 2.35	92603PER9	Moody's-Aa2	12/28/2016	500,000.00	490,150.00	2.350	497,305.00	2.811		8/1/2021	0.58
<b>Sub Total / Average</b>				<b>2,830,000.00</b>	<b>2,836,800.00</b>	<b>2.131</b>	<b>2,840,762.50</b>	<b>2.044</b>			<b>3.34</b>
<b>None</b>											
Union Bank Cash	LGIPUNIONBANK	None	12/31/2016	1,431,809.27	1,431,809.27	0.400	1,431,809.27	0.400	N/A	N/A	1.69
<b>Sub Total / Average</b>				<b>1,431,809.27</b>	<b>1,431,809.27</b>	<b>0.400</b>	<b>1,431,809.27</b>	<b>0.400</b>			<b>1.69</b>
<b>Treasury</b>											

Description	CUSIP/Ticker	Credit Rating 1	Settlement Date	Face Amount/Shares	Cost Value	Coupon Rate	Market Value	YTM @ Cost	Next Call Date	Maturity Date	% of Portfolio
T-Note 0.875 1/15/2018	912828H37	Moody's-Aaa	6/1/2015	1,000,000.00	1,001,560.00	0.875	998,240.00	0.815		1/15/2018	1.18
T-Note 0.875 1/31/2018	912828UJ7	None	1/9/2017	1,000,000.00	999,620.00	0.875	998,050.00	0.911		1/31/2018	1.18
T-Note 0.875 11/15/2017	912828G20	Moody's-Aaa	6/24/2015	1,000,000.00	1,001,060.00	0.875	998,910.00	0.830		11/15/2017	1.18
T-Note 0.875 5/15/2019	912828R44	None	4/26/2017	1,000,000.00	993,080.00	0.875	992,190.00	1.217		5/15/2019	1.17
T-Note 1.283 3/31/2019	912828SN1	None	2/22/2017	1,000,000.00	1,004,480.00	1.283	1,004,300.00	1.067		3/31/2019	1.18
T-Note 1.5 2/28/2019	912828C24	None	1/9/2017	1,000,000.00	1,005,440.00	1.500	1,003,980.00	1.241		2/28/2019	1.19
<b>Sub Total / Average</b>				<b>6,000,000.00</b>	<b>6,005,240.00</b>	<b>1.048</b>	<b>5,995,670.00</b>	<b>1.013</b>			<b>7.08</b>
<b>Total / Average</b>				<b>84,567,978.49</b>	<b>84,807,459.62</b>	<b>1.391</b>	<b>84,684,309.19</b>	<b>1.396</b>			<b>100</b>

All investment actions executed since the last report have been made in full compliance with the District's Investment Policy. The District will meet its expenditure obligations for the next six months. Market value sources are the LAIF, CAMP, and BNY Mellon monthly statements. Broker/Dealers: BOSCO, Inc.; Cantella & Co.; First Empire Securities; Ladenburg, Thalman & Co, Inc.; UBS Financial Services; Wells Fargo Securities.

Union Sanitary District  
Transactions Summary  
Monthly Activity - by Action  
Group By: Action  
Portfolio / Report Group: All Portfolios  
Begin Date: 04/30/2017, End Date: 05/31/2017

Description	CUSIP/Ticker	Coupon Rate	YTM @ Cost	Settlement Date	Face Amount/Shares	Principal	Interest/Dividends	Total	Custodian	Portfolio Name
<b>Buy</b>										
American Express Credit 2.7 3/3/2022	0258M0EG0	2.700	2.406	05/15/2017	1,000,000.00	1,013,279.67	5,400.00	1,018,679.67	Bank of New York 7537	Operating Fund
Chevron Corp 2.1 5/16/2021	166764BG4	2.100	2.113	05/10/2017	1,000,000.00	999,500.00	10,150.00	1,009,650.00	Bank of New York 7537	Operating Fund
FFCB 1.35 6/24/2019	3133EEZ60	1.350	1.180	05/24/2017	1,000,000.00	1,003,480.00	6,333.33	1,009,813.33	Bank of New York 7537	Operating Fund
FHLB 1.375 2/28/2019-17	3130ABEH5	1.375	1.375	05/30/2017	1,000,000.00	1,000,000.00	0.00	1,000,000.00	Bank of New York 7537	Operating Fund
FHLMC 1.5 9/9/2019-18	3134GA7A6	1.500	1.500	05/10/2017	1,000,000.00	1,000,000.00	2,541.67	1,002,541.67	Bank of New York 7537	Operating Fund
Lakeside Bank 1.75 5/29/2020	51210SMU8	1.750	1.750	05/30/2017	249,000.00	249,000.00	0.00	249,000.00	Bank of New York 7537	Operating Fund
Ponce De Leon Federal Bank 1.85 5/28/2021	732333AJ8	1.850	1.850	05/31/2017	249,000.00	249,000.00	0.00	249,000.00	Bank of New York 7537	Operating Fund
Summit Community Bank 1.65 5/29/2020	86604XL1	1.650	1.650	05/31/2017	249,000.00	249,000.00	0.00	249,000.00	Bank of New York 7537	Operating Fund
<b>Sub Total / Average</b>					<b>5,747,000.00</b>	<b>5,763,259.67</b>	<b>24,425.00</b>	<b>5,787,684.67</b>		
<b>Called</b>										
FNMA Step 5/12/2021-17	3136G3MD4	0.900	0.000	05/12/2017	1,000,000.00	1,000,000.00	0.00	1,000,000.00	Bank of New York 7537	Operating Fund
<b>Sub Total / Average</b>					<b>1,000,000.00</b>	<b>1,000,000.00</b>	<b>0.00</b>	<b>1,000,000.00</b>		
<b>Deposit</b>										
CAMP LGIP	LGIP4000	N/A	0.000	05/31/2017	2,488.58	2,488.58	0.00	2,488.58	None	Liquid Fund
CAMP LGIP	LGIP4000	N/A	0.000	05/01/2017	876.27	876.27	0.00	876.27	None	Liquid Fund
Union Bank Cash	LGIPUNIONBANK	N/A	0.000	05/31/2017	1,431,809.27	1,431,809.27	0.00	1,431,809.27	None	Liquid Fund
<b>Sub Total / Average</b>					<b>1,435,174.12</b>	<b>1,435,174.12</b>	<b>0.00</b>	<b>1,435,174.12</b>		
<b>Interest</b>										
BankUnited NA 0.9 5/24/2017	066519BE8	0.900	0.000	05/24/2017	0.00	0.00	1,071.12	1,071.12	Bank of New York 7537	Operating Fund
CAMP LGIP	LGIP4000	N/A	0.000	05/31/2017	0.00	0.00	2,488.58	2,488.58	None	Liquid Fund
CAMP LGIP	LGIP4000	N/A	0.000	05/01/2017	0.00	0.00	876.27	876.27	None	Liquid Fund
Chevron Corp 2.1 5/16/2021	166764BG4	2.100	0.000	05/16/2017	0.00	0.00	10,500.00	10,500.00	None	Operating Fund
Chevron Corp 2.193 11/15/2019	166764AN0	2.193	0.000	05/15/2017	0.00	0.00	12,719.40	12,719.40	None	Operating Fund
Comenity Capital 1.25 4/11/2019	20033ASR8	1.250	0.000	05/11/2017	0.00	0.00	254.79	254.79	None	Operating Fund
FFCB 1.17 5/16/2019-17	3133EF7L5	1.170	0.000	05/16/2017	0.00	0.00	5,850.00	5,850.00	None	Operating Fund
FFCB 1.3 11/25/2019-16	3133EGBK0	1.300	0.000	05/25/2017	0.00	0.00	6,500.00	6,500.00	None	Operating Fund
FFCB 1.7 5/3/2021-17	3133EF5T0	1.700	0.000	05/03/2017	0.00	0.00	8,500.00	8,500.00	None	Operating Fund
FHLB 0.8 5/17/2017	3130A4Q54	0.800	0.000	05/17/2017	0.00	0.00	4,000.00	4,000.00	Bank of New York 7537	Operating Fund
First Niagara Bank 1.1 10/30/2017	33583CSV2	1.100	0.000	05/01/2017	0.00	0.00	7.39	7.39	None	Operating Fund
First Niagara Bank 1.1 10/30/2017	33583CSV2	1.100	0.000	05/01/2017	0.00	0.00	1,336.42	1,336.42	None	Operating Fund
FNMA Step 5/12/2021-17	3136G3MD4	0.900	0.000	05/12/2017	0.00	0.00	4,500.00	4,500.00	Bank of New York 7537	Operating Fund
Franklin Synergy Bank 0.85 12/11/2017	35471TCH3	0.850	0.000	05/10/2017	0.00	0.00	173.26	173.26	None	Operating Fund
GE Capital International 2.04 11/15/2020	36164QMS4	2.040	0.000	05/15/2017	0.00	0.00	2,342.00	2,342.00	None	Operating Fund
GE Capital International 2.04 11/15/2020	36164QMS4	2.040	0.000	05/15/2017	0.00	0.00	9,368.00	9,368.00	None	Operating Fund
Medallion Bank 1.15 10/30/2017	58403B2L9	1.150	0.000	05/30/2017	0.00	0.00	231.58	231.58	None	Operating Fund
Merrick Bank 0.9 5/19/2017	59013JLK3	0.900	0.000	05/19/2017	0.00	0.00	177.53	177.53	Bank of New York 7537	Operating Fund
Pacific Premier Bank 0.9 12/5/2017	69478QDG2	0.900	0.000	05/03/2017	0.00	0.00	183.45	183.45	None	Operating Fund
Peoples State Bank of Newton 0.7 6/15/2017	712490AC5	0.700	0.000	05/15/2017	0.00	0.00	143.26	143.26	None	Operating Fund
T-Note 0.875 11/15/2017	912828G20	0.875	0.000	05/15/2017	0.00	0.00	4,375.00	4,375.00	None	Operating Fund
T-Note 0.875 5/15/2019	912828R44	0.875	0.000	05/15/2017	0.00	0.00	4,375.00	4,375.00	None	Operating Fund
Wells Fargo Bank 1.15 7/22/2019	9497486R3	1.150	0.000	05/22/2017	0.00	0.00	235.36	235.36	None	Operating Fund
Wex Bank 0.85 5/19/2017	92937CDE5	0.850	0.000	05/19/2017	0.00	0.00	1,026.99	1,026.99	Bank of New York 7537	Operating Fund
<b>Sub Total / Average</b>					<b>0.00</b>	<b>0.00</b>	<b>81,235.40</b>	<b>81,235.40</b>		
<b>Matured</b>										
BankUnited NA 0.9 5/24/2017	066519BE8	0.900	0.000	05/24/2017	240,000.00	240,000.00	0.00	240,000.00	Bank of New York 7537	Operating Fund
FHLB 0.8 5/17/2017	3130A4Q54	0.800	0.000	05/17/2017	1,000,000.00	1,000,000.00	0.00	1,000,000.00	Bank of New York 7537	Operating Fund
Merrick Bank 0.9 5/19/2017	59013JLK3	0.900	0.000	05/19/2017	240,000.00	240,000.00	0.00	240,000.00	Bank of New York 7537	Operating Fund
Wex Bank 0.85 5/19/2017	92937CDE5	0.850	0.000	05/19/2017	245,000.00	245,000.00	0.00	245,000.00	Bank of New York 7537	Operating Fund
<b>Sub Total / Average</b>					<b>1,725,000.00</b>	<b>1,725,000.00</b>	<b>0.00</b>	<b>1,725,000.00</b>		
<b>Sell</b>										
FHLB 1.875 11/29/2021	3130AABG2	1.875	0.000	05/10/2017	1,000,000.00	996,500.00	8,333.33	1,004,833.33	Bank of New York 7537	Operating Fund
<b>Sub Total / Average</b>					<b>1,000,000.00</b>	<b>996,500.00</b>	<b>8,333.33</b>	<b>1,004,833.33</b>		
<b>Withdraw</b>										
LAIF LGIP	LGIP1002	N/A	0.000	05/09/2017	1,500,000.00	1,500,000.00	0.00	1,500,000.00	None	Liquid Fund
Union Bank Cash	LGIPUNIONBANK	N/A	0.000	05/30/2017	2,556,501.37	2,556,501.37	0.00	2,556,501.37	None	Liquid Fund
<b>Sub Total / Average</b>					<b>4,056,501.37</b>	<b>4,056,501.37</b>	<b>0.00</b>	<b>4,056,501.37</b>		

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164858	6/28/2017	8080	DW NICHOLSON CORP	HYPO TANKS AND PIPING REPLACEMENT	\$483,434.88	\$483,434.88
164765	6/22/2017	8057	DW NICHOLSON CORP	HEADWORKS KNIFE GATE VALVES REPLACEMENT	\$140,949.57	\$272,283.86
	6/22/2017	7955		HYPO TANKS AND PIPING REPLACEMENT	\$131,334.29	
164784	6/22/2017	900468.1	KIEWIT INFRASTRUCTURE WEST CO	3RD SLUDGE DEGRITTER SYSTEM	\$194,655.00	\$194,655.00
164880	6/28/2017	30104496	SYNAGRO WEST LLC	MAY 2017 BIOSOLIDS DISPOSAL	\$95,680.46	\$95,680.46
164790	6/22/2017	21522	MCGUIRE & HESTER	NEWARK BACKYARD SS RELOCATION - PHASE 3	\$90,210.84	\$90,210.84
164800	6/22/2017	170120170608	PACIFIC GAS AND ELECTRIC	SERV TO 5/24/17 PLANT	\$70,631.30	\$70,631.30
164820	6/22/2017	30104464	SYNAGRO WEST LLC	APRIL 2017 BIOSOLIDS DISPOSAL	\$53,145.95	\$53,145.95
164854	6/28/2017	381108241	CH2M HILL INC	ODOR CONTROL ALTERNATIVES STUDY	\$40,973.25	\$40,973.25
164830	6/22/2017	2032358	WEST YOST ASSOCIATES	FORCE MAIN CORROSION REPAIRS - WEST	\$40,670.43	\$40,670.43

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164825	6/22/2017	821041	UNIVAR USA INC	4800 GALS SODIUM HYPOCHLORITE	\$2,115.10	\$21,524.71
	6/22/2017	817949		4876 GALS SODIUM HYPOCHLORITE	\$2,148.58	
	6/22/2017	819003		4799 GALS SODIUM HYPOCHLORITE	\$2,114.67	
	6/22/2017	821054		4850 GALS SODIUM HYPOCHLORITE	\$2,137.14	
	6/22/2017	821592		2400 GALS SODIUM HYPOCHLORITE	\$1,057.56	
	6/22/2017	820034		4800 GALS SODIUM HYPOCHLORITE	\$2,115.10	
	6/22/2017	821584		2399 GALS SODIUM HYPOCHLORITE	\$1,057.11	
	6/22/2017	306942		CREDIT FOR OVERCHARGE OF 80 GALS SODIUM HYPOCHLORITE	\$-35.25	
	6/22/2017	819782		5004 GALS SODIUM HYPOCHLORITE	\$2,205.00	
	6/22/2017	820283		4999 GALS SODIUM HYPOCHLORITE	\$2,202.80	
	6/22/2017	819543		5000 GALS SODIUM HYPOCHLORITE	\$2,203.23	
	6/22/2017	819130		5001 GALS SODIUM HYPOCHLORITE	\$2,203.67	
164877	6/28/2017	24022	RMC WATER AND ENVIRONMENT	PROJECT IMPLEMENTATION MASTER PLAN	\$10,451.87	\$20,786.56
	6/28/2017	24152		LOCAL LIMITS STUDY	\$10,334.69	
164852	6/28/2017	158105	CAROLLO ENGINEERS	PLANT SOLIDS SYSTEM/CAPACITY ASSESSMENT	\$19,417.52	\$19,417.52
164861	6/28/2017	93303425	ESRI INC	ARCGIS SWM RENEWAL	\$19,029.86	\$19,029.86
164853	6/28/2017	HTF4129	CDW GOVERNMENT LLC	FY2017 RANDR	\$16,592.84	\$16,592.84

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164751	6/22/2017	31035	CALIFORNIA WATER TECHNOLOGIES	44,680 LBS FERROUS CHLORIDE	\$3,928.07	\$15,255.19
	6/22/2017	31123		43,360 LBS FERROUS CHLORIDE	\$3,846.06	
	6/22/2017	31093		43,760 LBS FERROUS CHLORIDE	\$3,858.65	
	6/22/2017	31112		42,080 LBS FERROUS CHLORIDE	\$3,622.41	
164807	6/22/2017	24055	RMC WATER AND ENVIRONMENT	ALVARADO BASIN SEWER MASTER PLAN UPDATE	\$13,292.53	\$14,211.28
	6/22/2017	24130		PRETREATMENT CONSULTING SERVICES	\$918.75	
164811	6/22/2017	3345664	SC FUELS	6,326 GALS UNLEADED REGULAR GASOLINE	\$13,940.49	\$13,940.49
164757	6/22/2017	201303537	COVELLO GROUP INC	THICKENER CONROL BUILDING IMPROVEMENTS PHASE II	\$13,501.63	\$13,501.63
164859	6/28/2017	3044	EAST BAY DISCHARGERS AUTHORITY	INSTALLATION OF DIFFUSER HEADERS AT OLEPS	\$12,945.19	\$12,945.19
164728	6/22/2017	67095	3T EQUIPMENT COMPANY INC	1 800' PIRANHA SEWER HOSE	\$2,195.00	\$12,829.78
	6/22/2017	67088		20 PIPEPATCH KITS	\$10,634.78	
164787	6/22/2017	345237	MANSFIELD OIL CO OF GAINSVILLE	5969 GALS CARB DYED DIESEL	\$12,243.32	\$12,243.32
164857	6/28/2017	11851	DIGITAL SCEPTER CORPORATION	R&R PLANT FIREWALL	\$12,115.13	\$12,115.13
164885	6/28/2017	2032150	WEST YOST ASSOCIATES	HYPO TANKS AND PIPING REPLACEMENT	\$5,069.25	\$11,170.00
	6/28/2017	2032240		SLUDGE DEGRITTER SYSTEM	\$5,743.75	
	6/28/2017	2013775		NEWARK BACKYARD SS RELOCATION - PHASE 3	\$357.00	
164756	6/22/2017	0303992	COMTEL SYSTEMS TECHNOLOGY	GATE ACCESS CONTROL AT REMOTE SITES	\$10,693.85	\$10,693.85
164884	6/28/2017	38898	WECO INDUSTRIES LLC	120 GALS SANAFAM	\$8,241.35	\$8,740.84
	6/28/2017	38946		ASTD T2355 CAMERA PARTS	\$499.49	

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164785	6/22/2017	135644	KNAPP POLLY PIG INC	1 PIG	\$8,400.52	\$8,400.52
164871	6/28/2017	103856	MUNIQUEIP, LLC	1 PULSAR TRANSMITTER W/CABLE	\$432.56	\$8,119.36
	6/28/2017	103857		MIX PUMP 3 REBUILD PARTS	\$7,686.80	

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164778	6/22/2017	9470135188	GRAINGER INC	1 EA SOCKET SET, WATER PUMP PLIERS, & PIPE WRENCH	\$282.22	\$8,109.25
	6/22/2017	9445292890		2 APRONS, BLACK	\$43.61	
	6/22/2017	9460950125		1 PACK HEX CAP SCREWS	\$5.30	
	6/22/2017	9470520660		1 HOSE PINCH PLIERS	\$39.41	
	6/22/2017	9449851931		1 EA PLUG & CONNECTOR	\$64.74	
	6/22/2017	9453607963		ASTD PARTS & MATERIALS	\$1,372.46	
	6/22/2017	9460424691		1 FAN SHROUD KIT	\$231.82	
	6/22/2017	9463963927		4 ASTD WIRE DUCTS & COVERS	\$76.91	
	6/22/2017	9466681138		1 KNOCKOUT PUNCH SET	\$292.22	
	6/22/2017	9456162958		ASTD PARTS & MATERIALS	\$48.02	
	6/22/2017	9445525612		4 PR BIFOCAL SAFETY READ GLASSES	\$41.18	
	6/22/2017	9453591340		1 THERMAL UNIT	\$53.03	
	6/22/2017	9458842060		1 BELT DRIVE MOTOR	\$274.40	
	6/22/2017	9458418622		1 FAN FILT GUARD ASSEMBLY	\$5.16	
	6/22/2017	9460950133		ASTD PARTS & MATERIALS	\$230.56	
	6/22/2017	9447918336		2 CABLES	\$1,535.52	
	6/22/2017	9459645074		1 LATERAL FILE CABINET	\$1,004.55	
	6/22/2017	9458418630		1 AIR FILTER	\$4.70	
	6/22/2017	9458418648		1 THERMAL UNIT	\$53.03	

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164778	6/22/2017	9461272305	GRAINGER INC	1 FAN FILT GUARD ASSEMBLY	\$5.16	\$8,109.25
	6/22/2017	9450190104		1 DESKTOP LABEL PRINTER & 4 ROLLS OF TAPE	\$2,445.25	
164791	6/22/2017	102564	MCINERNEY & DILLON, P.C.	LEGAL SERVICES - FREMONT & PASEO PADRE LS IMPROVEMENTS	\$4,575.00	\$7,950.00
	6/22/2017	102565		LEGAL SERVICES - PIPELINE RELOCATION	\$3,375.00	
164833	6/22/2017	3556959527	XYLEM WATER SOLUTIONS USA INC	SANITAIRE TOTALCARE CLEANING SERVICE	\$7,950.00	\$7,950.00
164732	6/22/2017	170501265	AIRTECH MECHANICAL INC	HVAC CONTRACT - REFRIGERATOR NOT WORKING	\$839.44	\$7,771.44
	6/22/2017	170501268		HVAC CONTRACT - FMC BUILDINGS AND BOYCE	\$540.00	
	6/22/2017	170501250		AIRTECH BLDG 54 SUPPLY FAN REBUILD	\$6,392.00	
164801	6/22/2017	1142818	POLYDYNE INC	37,960 LBS CLARIFLOC WE-539	\$3,582.85	\$7,554.57
	6/22/2017	1148646		42,080 LBS CLARIFLOC WE-539	\$3,971.72	
164762	6/22/2017	95638	DEGENKOLB ENGINEERS	SEISMIC STUDY	\$7,362.39	\$7,362.39
164749	6/22/2017	213798	BURKE, WILLIAMS & SORENSON LLP	RECORDS RETENTION POLICY - APRIL 2017	\$943.80	\$7,185.55
	6/22/2017	213800		GENERAL LEGAL/CIP - APRIL 2017	\$858.00	
	6/22/2017	213799		GENERAL LEGAL - APRIL 2017	\$3,667.75	
	6/22/2017	213801		COGEN - APRIL 2017	\$1,716.00	
164824	6/22/2017	180583117	TRENCH PLATE RENTAL COMPANY	REPAIR/SANDBLAST 15 TRENCH PLATES	\$6,815.00	\$6,815.00
164763	6/22/2017	12362A	DIABLO BOILER WORKS	RE ROLL LEAKING LOWER BANK BOILER 6-2017	\$1,832.00	\$6,446.00
	6/22/2017	12362		BOILER CONDITION AND PERFORMANCE ASSESSMENT	\$4,614.00	
164827	6/22/2017	38630	VIBRALIGN INC	VIBRALIGN LASER TRAINING FOR FMC	\$6,400.00	\$6,400.00

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164746	6/22/2017	11966570	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$56.42	\$5,695.67
	6/22/2017	11945410		BOARDROOM TABLES - QUOTE# 32295-0	\$3,480.20	
	6/22/2017	11973340		ASTD OFFICE SUPPLIES	\$445.91	
	6/22/2017	11976210		3 BINDERS	\$12.58	
	6/22/2017	11972301		ASTD OFFICE SUPPLIES	\$13.16	
	6/22/2017	11972300		ASTD OFFICE SUPPLIES	\$54.29	
	6/22/2017	11984760		ASTD OFFICE SUPPLIES	\$3.80	
	6/22/2017	11984761		ASTD OFFICE SUPPLIES	\$3.18	
	6/22/2017	11961620		ASTD OFFICE SUPPLIES	\$35.11	
	6/22/2017	11970330		ASTD OFFICE SUPPLIES	\$12.61	
	6/22/2017	11982630		ASTD OFFICE SUPPLIES	\$137.08	
	6/22/2017	11945411		BOARDROOM TABLES - QUOTE# 32295-0	\$1,415.78	
	6/22/2017	11984370		ASTD OFFICE SUPPLIES	\$7.50	
	6/22/2017	11995390		1 BX FILE FOLDERS/1PK TAPE	\$18.05	

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164759	6/22/2017	277608	CURTIS & TOMPKINS	18 LAB SAMPLE ANALYSIS	\$1,000.00	\$5,655.00
	6/22/2017	277433		31 LAB SAMPLE ANALYSIS	\$2,040.00	
	6/22/2017	277813		6 LAB SAMPLE ANALYSIS	\$140.00	
	6/22/2017	277796		39 LAB SAMPLE ANALYSIS	\$2,040.00	
	6/22/2017	277346		3 LAB SAMPLE ANALYSIS	\$375.00	
	6/22/2017	277829		1 LAB SAMPLE ANALYSIS	\$60.00	
164748	6/22/2017	737233	BRENNTAG PACIFIC, INC.	7307 LBS SODIUM HYDROXIDE	\$3,788.84	\$5,517.07
	6/22/2017	737232		3333 LBS SODIUM HYDROXIDE	\$1,728.23	
164822	6/22/2017	12119	TNT INDUSTRIAL CONTRACTORS INC	DIGESTER 1-3 GAS ISOLATION VALVES	\$4,995.40	\$4,995.40
164745	6/22/2017	346705	BAY AREA BARRICADE SERVICE INC	ASTD MARKING PAINT & SHOVELS	\$480.16	\$4,650.72
	6/22/2017	346502		ASTD TRAFFIC CONTROL SUPPLIES	\$4,170.56	
164851	6/28/2017	739381	BRENNTAG PACIFIC, INC.	2564 LBS SODIUM HYDROXIDE	\$1,329.50	\$3,988.47
	6/28/2017	739382		1282 LBS SODIUM HYDROXIDE	\$664.74	
	6/28/2017	741169		3846 LBS SODIUM HYDROXIDE	\$1,994.23	
164836	6/28/2017	45722	ABACUS PRODUCTS INC	5000 GREASE SCRAPER	\$3,917.25	\$3,917.25
164752	6/22/2017	HTJ4137	CDW GOVERNMENT LLC	SHAVLIK RENEW	\$1,950.00	\$3,811.58
	6/22/2017	JCT8635		3 RACKMOUNT UPS BATTERIES FOR MTV TRUCKS	\$1,752.86	
	6/22/2017	JBC6453		FY2017 RANDR	\$108.72	

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164781	6/22/2017	3L0158	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PIPE, FITTINGS, & GLUE	\$861.88	\$3,647.73
	6/22/2017	3K9832		ASTD PVC PARTS & MATERIALS	\$434.89	
	6/22/2017	3K9833		13 8" FLANGES	\$552.05	
	6/22/2017	3K9907		ASTD PVC PARTS & MATERIALS	\$1,643.97	
	6/22/2017	3K9331		3 FLANGES	\$154.94	
164845	6/28/2017	1	AZYURA	CIWQS REPORTING, AZYURA	\$3,630.00	\$3,630.00
164797	6/22/2017	8471278	OVIVO USA LLC	THICKENER DRIVE FIELD SERVICE	\$3,561.89	\$3,561.89
164730	6/22/2017	144198	ADVANCED CHEMICAL TRANSPORT	HAZARDOUS MATERIAL MANAGEMENT	\$3,548.88	\$3,548.88
164835	6/28/2017	66977	3T EQUIPMENT COMPANY INC	3 WINTER PIPE PATCH KITS	\$3,545.06	\$3,545.06
164794	6/22/2017	426815	MIKSIS SERVICES INC	LATERAL RE-INSTATED @ 4639 CALAVERAS AVE	\$3,200.00	\$3,200.00
164798	6/22/2017	39307	OWEN EQUIPMENT SALES	REPAIR VACTOR T3343	\$923.86	\$3,148.54
	6/22/2017	39319		REPAIR VACTOR T3292	\$2,224.68	
164766	6/22/2017	5434-1	ENERGY CHOICE INC	COGEN 20K SERVICE PARTS	\$304.02	\$3,025.71
	6/22/2017	5427		COGEN 20K SERVICE PARTS	\$2,721.69	
164862	6/28/2017	116525759	FREMONT URGENT CARE CENTER	1 HEARING TEST/1 FLU VACCINE	\$54.00	\$2,967.00
	6/28/2017	171925760		22 DOT PHYSICALS/3 FLU VACCINES	\$2,654.00	
	6/28/2017	116526960		1 NEW HIRE PHYSICAL & 1 HEARING TEST	\$259.00	

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164799	6/22/2017	XCTZ020	PACHECO BROTHERS GARDENING INC	LANDSCAPE MAINTENANCE SERVICES JUNE 2017	\$1,365.00	\$2,955.00
	6/22/2017	XCTZ021		WEED ABATEMENT WORK JUNE 2017	\$915.00	
	6/22/2017	WO7086		REMOVE & HAUL BRANCHES ON WEST FENCE LINE	\$675.00	
164813	6/22/2017	20170615	RICHARD SCOBEE	COMPUTER NOTE	\$2,946.20	\$2,946.20
164769	6/22/2017	1271828	FERGUSON ENTERPRISES, INC.	ASTD WYE'S & TEE'S	\$2,857.07	\$2,857.07
164826	6/22/2017	16837	V&A CONSULTING ENGINEERS	8" PIPE INSPECTION @ HM#4	\$2,579.85	\$2,579.85
164741	6/22/2017	146006	BABBITT BEARING CO INC	TPS PUMP CERAMIC QUILL COATING	\$1,764.63	\$2,514.63
	6/22/2017	146024		TPS DRIVE QUILL FOR WAREHOUSE STOCK	\$750.00	
164874	6/28/2017	4121	PIPELOGIX INC	PIPELOGIX (FLEXIDATA) ANNUAL SUPPORT	\$2,500.00	\$2,500.00
164831	6/22/2017	13994	WESTERN MACHINE & FAB INC	3 SHAFTS	\$2,452.91	\$2,452.91
164867	6/28/2017	9714809	HF&H CONSULTANTS, LLC	FINANCIAL PLANNING MODEL	\$2,411.25	\$2,411.25
164733	6/22/2017	225215	ALAMEDA COUNTY TREASURER	PERMIT - NEWARK PUMP STATION	\$2,354.00	\$2,354.00
164865	6/28/2017	9473438167	GRAINGER INC	3 FLEX COUPLINGS	\$1,230.00	\$2,233.15
	6/28/2017	9473438175		1 ROLL ELECTRICAL TAPE	\$69.15	
	6/28/2017	9468023719		3 FIRE EXTINGUISHER COVER W/WINDOW	\$35.69	
	6/28/2017	9478991525		ASTD PARTS & MATERIALS	\$254.13	
	6/28/2017	9478991517		2 PKS EAR PLUGS	\$183.95	
	6/28/2017	9478991491		6 BRONZE BALL VALVES	\$159.22	
	6/28/2017	9478991509		3 CABLE SUPPORT GRIPS	\$301.01	

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164774	6/22/2017	6083118818	G&K SERVICES CO	UNIFORM LAUNDERING SERVICE	\$257.75	\$2,214.38
	6/22/2017	6083110767		UNIFORM LAUNDERING & RUGS	\$322.64	
	6/22/2017	6083113438		UNIFORM LAUNDERING & RUGS	\$280.94	
	6/22/2017	6083116141		UNIFORM LAUNDERING SERVICE	\$236.74	
	6/22/2017	6083113439		UNIFORM LAUNDERING SERVICE	\$293.36	
	6/22/2017	6083113440		ASTD DUST MOPS, WET MOPS & TERRY TOWELS	\$16.27	
	6/22/2017	6083116140		UNIFORM LAUNDERING & RUGS	\$224.26	
	6/22/2017	6083118819		ASTD DUST MOPS, WET MOPS & TERRY TOWELS	\$16.27	
	6/22/2017	6083116142		ASTD DUST MOPS, WET MOPS & TERRY TOWELS	\$16.27	
	6/22/2017	6083110768		UNIFORM LAUNDERING SERVICE	\$533.61	
	6/22/2017	6083110769		ASTD DUST MOPS, WET MOPS & TERRY TOWELS	\$16.27	
164792	6/22/2017	33999686	MCMaster SUPPLY INC	49 ASTD DRILL BITS	\$1,414.70	\$2,157.80
	6/22/2017	34907793		1 NONSPARKING PIN-REMOVAL PUNCH	\$32.84	
	6/22/2017	35243263		ASTD PARTS & MATERIALS	\$535.29	
	6/22/2017	32654085		20 ASTD JOBBERS' DRILL BITS	\$106.71	
	6/22/2017	35081067		4 PACKS SIZE C RECHARGEABLE BATTERIES	\$51.97	
	6/22/2017	35681397		5 OUTLET BOX COVERS	\$16.29	

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164829	6/22/2017	8048798430	VWR INTERNATIONAL LLC	2 PACKS WRITE-ON TAPE	\$74.10	\$2,131.74
	6/22/2017	8048772878		8 PKS FILTERS	\$500.46	
	6/22/2017	8048758449		2 BOTTLES HYDROCHLORIC ACID	\$807.80	
	6/22/2017	8048775040		1 PK SPORE STRIPS WITH MEDIA	\$183.19	
	6/22/2017	8048794549		2 PK COD DIGESTION VIALS	\$419.18	
	6/22/2017	8048763685		1 PK MEDIUM TSB DBL STR GLAS BTL	\$147.01	
164750	6/22/2017	825691	CALIFORNIA SURVEYING DRAFTING	HP T2300 2YR CARE PACK	\$2,114.00	\$2,114.00
164739	6/22/2017	0596124	A-PRO PEST CONTROL INC	FOGGING OF TREATMENT PLANT	\$2,000.00	\$2,000.00
164740	6/22/2017	1474	AUTOMATED NETWORK CONTROLS	MIGRATE MBE DRIVER TO IGS AND CLEANUP BAD TAGS	\$1,972.31	\$1,972.31
164856	6/28/2017	277900	CURTIS & TOMPKINS	3 LAB SAMPLE ANALYSIS	\$50.00	\$1,890.00
	6/28/2017	277644		17 LAB SAMPLE ANALYSIS	\$1,840.00	
164767	6/22/2017	1100	ENGINE SYSTEMS INTEGRATION LLC	COGEN COOLING SYSTEM TROUBLESHOOT	\$1,811.49	\$1,811.49
164809	6/22/2017	7678247100	RS HUGHES CO INC	SAFETY SUPPLIES	\$823.56	\$1,809.78
	6/22/2017	7675894902		ASTD SAFETY SUPPLIES	\$98.78	
	6/22/2017	7675894903		SAFETY SUPPLIES	\$46.48	
	6/22/2017	7675894901		ASTD SAFETY SUPPLIES	\$307.78	
	6/22/2017	7675894900		ASTD SAFETY SUPPLIES	\$533.18	

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164816	6/22/2017	3341724408	STAPLES CONTRACT & COMMERCIAL	REFUND MULTIFOLD TOWELS	\$-32.80	\$1,784.83
	6/22/2017	3341724420		JANITORIAL/BREAKROOM SUPPLIES	\$31.94	
	6/22/2017	3341724410		1 MULTIFOLD TOWELS	\$32.80	
	6/22/2017	3341724402		JANITORIAL/BREAKROOM SUPPLIES	\$35.12	
	6/22/2017	3341724400		JANITORIAL/BREAKROOM SUPPLIES	\$152.23	
	6/22/2017	3341724397		JANITORIAL/BREAKROOM SUPPLIES	\$648.05	
	6/22/2017	3341724404		JANITORIAL/BREAKROOM SUPPLIES	\$949.43	
	6/22/2017	3341724414		REFUND JANITORIAL/BREAKROOM SUPPLIES	\$-31.94	
164796	6/22/2017	11819746.2	CITY OF NEWARK	ENCROACHMENT PERMITS - TSCS - ZULMIDA AVE	\$570.00	\$1,615.00
	6/22/2017	11819746.1		ENCROACHMENT PERMITS - CS	\$1,045.00	
164866	6/28/2017	10510740	HACH COMPANY	2 CABLES W/ADAPTERS	\$1,609.48	\$1,609.48
164736	6/22/2017	256698302444	AMAZON.COM LLC	DRY ERASE PAINT FOR CENTERVILLE WALL	\$691.43	\$1,599.34
	6/22/2017	20170510		05/17 - ASTD OFFICE SUPPLIES	\$907.91	
164783	6/22/2017	NWG7877	IRON MOUNTAIN	OFF-SITE STORAGE AND SERVICE - MAY 2017	\$939.36	\$1,523.53
	6/22/2017	9ED4110		REBILL INV NTV8482 FOR OFF-SITE STORAGE AND SERVICE - APR 2017	\$1,177.31	
	6/22/2017	NWA0084		OFF-SITE STORAGE AND SERVICE - MAY 2017	\$325.94	
	6/22/2017	9ED4109		CREDIT FOR OFF-SITE STORAGE AND SERVICE - APR 2017	\$-1,187.41	
	6/22/2017	201325924		DATA/MEDIA OFF-SITE STORAGE - MAY 2017	\$268.33	
164776	6/22/2017	1841079520	GOODYEAR COMM TIRE & SERV CTRS	4 TIRES	\$1,520.94	\$1,520.94

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164737	6/22/2017	9509	AMERICAN DISCOUNT SECURITY	05/01/17 - 05/31/17 GUARD AT DISTRICT GATE	\$1,518.00	\$1,518.00
164734	6/22/2017	5163908	ALL INDUSTRIAL ELECTRIC SUPPLY	ASTD PARTS & MATERIALS	\$116.01	\$1,419.84
	6/22/2017	5163906		2 ADMIN CUBICLE LIGHT FIXTURES	\$1,303.83	
164828	6/22/2017	7170	VON EUW TRUCKING	8 HRS DUMP FEES, ASPHALT AND/OR CONCRETE	\$1,416.00	\$1,416.00
164870	6/28/2017	39216	METROMOBILE COMMUNICATIONS INC	RADIO BASE STATION FOR EMAIL GATEWAY	\$1,386.88	\$1,386.88
164812	6/22/2017	32355	SCHAA'S LAWNMOWER SALES & SERV	2 BRUSH CUTTERS	\$1,278.13	\$1,278.13
164838	6/28/2017	67201	AIR & TOOL ENGINEERING COMPANY	1 PNEUMATIC SAW	\$1,236.09	\$1,236.09
164814	6/22/2017	8122768061517	SIERRA SPRING WATER COMPANY	BOTTLESS COOLERS RENTAL	\$228.75	\$1,228.97
	6/22/2017	4868173061517		WATER SERVICE 05/25/17 - 06/13/17	\$1,000.22	
164731	6/22/2017	9064125239	AIRGAS NCN	ASTD PARTS & MATERIALS	\$86.00	\$1,228.50
	6/22/2017	9945561971		CYLINDER RENTAL	\$646.80	
	6/22/2017	9064418111		3 CYL ARGON	\$495.70	
164786	6/22/2017	14552	LOOKINGPOINT INC	ANNUAL SUPPORT FOR PHONE AND NETWORK - MAY 2017	\$1,225.00	\$1,225.00
164738	6/22/2017	7010767096	APPLIED INDUSTRIAL TECHNOLOGIE	1 GBT MOTOR	\$1,216.70	\$1,187.55
	6/22/2017	9000199292		INDUSTRIAL PARTS & SUPPLIES	\$-29.15	
164779	6/22/2017	10493716	HACH COMPANY	1 DIGITAL PH SENSOR	\$1,183.65	\$1,183.65
164840	6/28/2017	615888	ALLIANT INSURANCE SERVICES INC	07/17-07/18 CRIME RENEWAL	\$1,148.00	\$1,148.00
164758	6/22/2017	44030910001	CRESCO EQUIP RENTALS & AFFIL	EQUIP RENTAL: 6/7 CAPACITY BRUSH CHIPPER	\$1,014.98	\$1,014.98
164832	6/22/2017	27464	WILEY PRICE & RADULOVICH LLP	LABOR & EMPLOYMENT LAW FEES	\$1,002.00	\$1,002.00

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164761	6/22/2017	3014946	DAILY JOURNAL CORPORATION	AD: HEARING NOTICE	\$130.00	\$1,000.00
	6/22/2017	3017386		CAST IRON LINING PHASE VI	\$450.00	
	6/22/2017	3012627		AD: NEWARK PS MOD VALVE & BOOST LINE MODS	\$420.00	
164771	6/22/2017	11187	CITY OF FOSTER CITY	1 JOB POSTING	\$1,000.00	\$1,000.00
164755	6/22/2017	20170528	COMMUNICATION & CONTROL INC	UTILITY FEE/ANTENNA RENTAL	\$975.20	\$975.20
164729	6/22/2017	8981739	ABC IMAGING, INC.	NEWARK PS MOD VALVE & BOOST LINE MODS	\$947.14	\$947.14
164850	6/28/2017	20170628	LAURIE BRENNER	EXP REIMB: SAFETY STRATEGY PROGRAM RECOGNITION	\$902.50	\$902.50
164883	6/28/2017	20170621	SHEILA TOLBERT	EXP REIMB: OST QRTLTY & SAFETY STRATEGY RECOGNITION	\$505.00	\$902.22
	6/28/2017	20170621.2		EXP REIMB: NCCIPMA-HR CONF - SANTA ROSA (MAR 2-3, 2017)	\$397.22	
164837	6/28/2017	145033	ADVANCED CHEMICAL TRANSPORT	HAZARDOUS MATERIAL MANAGEMENT	\$442.70	\$884.42
	6/28/2017	145073		HAZARDOUS MATERIAL MANAGEMENT	\$441.72	
164810	6/22/2017	1791617004	SAN LEANDRO ELECTRIC SUPPLY	ASTD ELECTRICAL SUPPLIES	\$352.13	\$855.19
	6/22/2017	1791617003		ASTD ELECTRICAL SUPPLIES	\$503.06	
164868	6/28/2017	534808	HULBERT LUMBER SUPPLY	30 PCS 4X8 LUMBER	\$852.23	\$852.23
164817	6/22/2017	7811	SUPPORT PRODUCT SERVICES INC	COGEN EMISSION ANALYZER I902139 SERVICE	\$826.82	\$826.82
164772	6/22/2017	10004	FREMONT EXPRESS COURIER SVC	COURIER SERVICES: MAY 2017 DAILY MAIL/1 BOARDMEMBER DELIVEF	\$805.00	\$805.00
164841	6/28/2017	20170610	AMAZON.COM LLC	06/17 - ASTD OFFICE SUPPLIES	\$766.39	\$766.39
164782	6/22/2017	18755	ICE SAFETY SOLUTIONS INC	6 FIRST AID KITS	\$756.61	\$756.61
164802	6/22/2017	17089	PONTON INDUSTRIES INC	MANHOLE MONITOR ANTENNA WITH INSTALLATION	\$705.35	\$705.35

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164808	6/22/2017	1339699	ROCHESTER MIDLAND CORPORATION	HOT WATER LOOP SERVICE	\$687.46	\$687.46
164795	6/22/2017	1338273	MOBILE MODULAR MANAGEMENT CORFFMC	TRAILER RENTAL - JUNE 2017	\$629.97	\$629.97
164743	6/22/2017	10207	BARNETT MEDICAL SERVICES LLC	375 LBS PHARMACEUTICAL WASTE REMOVAL	\$595.00	\$595.00
164793	6/22/2017	170646	METROMOBILE COMMUNICATIONS INC	ANNUAL RADIO SERVICE - JUNE 2017	\$582.75	\$582.75
164839	6/28/2017	5163722	ALL INDUSTRIAL ELECTRIC SUPPLY	2 EMERGENCY EXIT LIGHTS	\$283.16	\$566.32
	6/28/2017	5163723		2 EMERGENCY EXIT LIGHTS	\$283.16	
164886	6/28/2017	4585	ZELAYA DESIGNS	PUBLIC OUTREACH - SHOPPING CART SIGNAGE	\$207.00	\$509.00
	6/28/2017	4586		PUBLIC OUTREACH - VIDEO ILLUSTRATION	\$302.00	
164823	6/22/2017	916003690	TPX COMMUNICATIONS	WIRELESS INTERNET BACKUP - JUNE	\$505.97	\$505.97
164742	6/22/2017	8493	ALEJANDRO BARAJAS	REFUND # 20051	\$500.00	\$500.00
164848	6/28/2017	7972	BEST BUILD	REFUND # 20069	\$500.00	\$500.00
164860	6/28/2017	7894	ANJUMAN E-NAJMI	REFUND # 19620	\$500.00	\$500.00
164887	6/28/2017	8945	RONG ZHONG	REFUND # 20068	\$500.00	\$500.00
164869	6/28/2017	3017824926	IDEXX DISTRIBUTION INC	1 EA COLIFORME.COLI & ENTEROCOCCI KITS	\$434.15	\$434.15
164754	6/22/2017	60364	CITYLEAF INC	PLANT MAINTENANCE - JUN 2017	\$431.86	\$431.86
164882	6/28/2017	20187582	TELEDYNE ISCO INC	3 SAMPLE TUBING NPDES	\$409.37	\$409.37
164770	6/22/2017	20161115	MAURICE FORTNER	TRAVEL REIMB: WEFTEC CONF MEALS/TAXI	\$287.97	\$349.78
	6/22/2017	20170110		EXP REIMB: RED WING SAFETY BOOT INSOLES	\$61.81	
164879	6/28/2017	20170628	SWRCB - CERTIFICATIONS	GRADE V CERTIFICATION RENEWAL - L. BRENNER	\$340.00	\$340.00

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164881	6/28/2017	20170628	EDWARD TATOLA	TUITION REIMB: SPRING SEMESTER 2017	\$335.84	\$335.84
164806	6/22/2017	325642	RKI INSTRUMENTS INC	ASTD PARTS & MATERIALS	\$329.25	\$329.25
164789	6/22/2017	1705D25	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$322.00	\$322.00
164775	6/22/2017	2771711608	GLACIER ICE COMPANY INC	102 7-LB BAGS OF ICE	\$144.84	\$303.60
	6/22/2017	2772716408		108 7-LB BAGS OF ICE	\$158.76	
164819	6/22/2017	20170615	SWRCB - CERTIFICATIONS	GRADE III OPERATOR CERTIFICATE RENEWAL - M. LEE	\$300.00	\$300.00
164805	6/22/2017	13820	RED WING SHOE STORE	SAFETY SHOES: RODRIGUES & MOSLEY	\$292.50	\$292.50
164803	6/22/2017	130312	PREFERRED ALLIANCE INC	MAY 2017 SERVICE FEE	\$277.20	\$277.20
164768	6/22/2017	903135390	EVOQUA WATER TECHNOLOGIES	DI WATER SYSTEM	\$275.00	\$275.00
164863	6/28/2017	6083118817	G&K SERVICES CO	UNIFORM LAUNDERING & RUGS	\$255.42	\$255.42
164753	6/22/2017	459886	CENTERVILLE SAW AND TOOL	TOOL REPAIR	\$134.27	\$237.08
	6/22/2017	459887		TOOL REPAIR	\$102.81	
164815	6/22/2017	20170531	SPOK INC	JUNE 2017 PAGER SERVICE	\$237.06	\$237.06
164873	6/28/2017	20170628	VICTOR PADILLA	EXP REIMB: EC TEAM RECOGNITION BREAKFAST	\$222.32	\$222.32
164847	6/28/2017	20314100	BECK'S SHOES	SAFETY SHOES: R. CZAPKAY	\$208.00	\$208.00
164876	6/28/2017	14820	RED WING SHOE STORE	SAFETY SHOES: J. HWANG	\$208.00	\$208.00
164872	6/28/2017	21070617	NINA NARVAEZ	TUITION REIMBURSEMENT - SPRING SEMESTER 2017	\$197.94	\$197.94
164843	6/28/2017	20170615	ROLLIE ARBOLANTE	EXP REIMB: ANNUAL TEAM RECOGNITION	\$185.02	\$185.02
164821	6/22/2017	20170614	ARIEL TEIXEIRA	TUITION REIMB - SPRING SEMESTER 2017	\$179.46	\$179.46

**UNION SANITARY DISTRICT  
CHECK REGISTER  
6/17/2017-06/30/2017**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
164844	6/28/2017	101587720170619	ASQ	MEMBERSHIP RENEWAL - L. BRENNER	\$169.00	\$169.00
164878	6/28/2017	1791617005	SAN LEANDRO ELECTRIC SUPPLY	1 OCAL GUAC26-G	\$123.93	\$164.43
	6/28/2017	1792357002		7 T&B 2920NM 1/2	\$40.50	
164864	6/28/2017	20170628	GFOA-GOV FIN OFFICERS ASSOC	MEMBERSHIP - V. HOLSLAG	\$150.00	\$150.00
164804	6/22/2017	59633	QUENVOLD'S SAFETY SHOEMOBILES	SAFETY SHOES - SCHOFIELD	\$148.17	\$148.17
164744	6/22/2017	20170620	JEFFREY BARTON	EXP REIMB: 4TH QTR SAFETY RECOGNITION	\$135.60	\$135.60
164834	6/22/2017	4587	ZELAYA DESIGNS	NEWSLETTER DEVELOPMENT	\$134.00	\$134.00
164760	6/22/2017	277297	***DO NOT USE*** CURTIS & TOMPKINS,	8 LAB SAMPLE ANALYSIS	\$115.00	\$115.00
164855	6/28/2017	18514	CSMFO - CALIF SOCIETY OF	MEMBERSHIP - V. HOLSLAG	\$110.00	\$110.00
164773	6/22/2017	20170616	MICHAEL FULKERSON	EXP REIMG: SAFETY RECOGNITION	\$109.63	\$109.63
164818	6/22/2017	793858	SWAGELOK NOR CAL	ASTD PARTS & MATERIALS	\$108.88	\$108.88
164875	6/28/2017	20170626	RIC PIPKIN	EXP REIMB: TPO DAY SHIFT SAFETY RECOGNITION	\$100.95	\$100.95
164788	6/22/2017	77855754	MATHESON TRI-GAS INC	MONTHLY CYLINDER RENTAL - MAY 2017	\$85.32	\$85.32
164849	6/28/2017	12002480	BLAISDELL'S	2 BX FILE FOLDERS	\$20.39	\$77.84
	6/28/2017	12000770		ASTD OFFICE SUPPLIES	\$57.45	
164764	6/22/2017	615320170620	DISH NETWORK	JUL 2017 - SERVICE FEE	\$55.90	\$55.90
164735	6/22/2017	7061072	ALPHA ANALYTICAL LABORATORIES	2 LAB SAMPLE ANALYSIS	\$55.00	\$55.00
164747	6/22/2017	20170621	GENE BOUCHER	REIMB LIVESCAN PRE-EMPLOYMENT	\$54.00	\$54.00
164780	6/22/2017	266537	HANIGAN COMPANY INC	1 LOT BUSINESS CARDS - ELOY SEPULVEDA	\$37.18	\$37.18

**UNION SANITARY DISTRICT  
CHECK REGISTER  
6/17/2017-06/30/2017**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
164846	6/28/2017	201633	BASMAA	NEWARK PS MOD VALVE & BOOST LINE MODS	\$31.19	\$31.19
164777	6/22/2017	83587	GORILLA METALS	ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$30.04	\$30.04
164842	6/28/2017	8480073427	ANDRITZ SEPARATION INC	1 O-RING: CENTRIFUGE 2 GEARBOX PARTS	\$9.36	\$20.11
	6/28/2017	8480073445		1 O-RING: CENTRIFUGE 2 REBUILD PARTS	\$10.75	

**Invoices:**

<b>Credit Memos :</b>	<b>5</b>	<b>-1,316.55</b>
<b>\$0 - \$1,000 :</b>	<b>186</b>	<b>58,210.04</b>
<b>\$1,000 - \$10,000 :</b>	<b>93</b>	<b>258,991.95</b>
<b>\$10,000 - \$100,000 :</b>	<b>19</b>	<b>566,505.93</b>
<b>Over \$100,000 :</b>	<b>4</b>	<b>950,373.74</b>
<b>Total:</b>	<b>307</b>	<b>1,832,765.11</b>

**Checks:**

<b>\$0 - \$1,000 :</b>	<b>67</b>	<b>26,478.63</b>
<b>\$1,000 - \$10,000 :</b>	<b>69</b>	<b>238,343.16</b>
<b>\$10,000 - \$100,000 :</b>	<b>21</b>	<b>617,569.58</b>
<b>Over \$100,000 :</b>	<b>3</b>	<b>950,373.74</b>
<b>Total:</b>	<b>160</b>	<b>1,832,765.11</b>