



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

**Monday, June 28, 2021  
Regular Meeting - 4:00 P.M.**

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

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

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

Karen W. Murphy  
*Attorney*

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

Consistent with Executive Order No. N-08-21 from the Executive Department of the State of California, and Alameda County Health Officer Order No. 21-01a, the Monday, June 28, 2021, Regular Board Meeting will not be physically open to the public and all Board Members will be teleconferencing into the meeting. **To maximize public safety while still maintaining transparency and public access, members of the public can observe the meeting by following the steps listed below, and may provide public comment by sending comments to the Board Clerk by email at [assistanttogm@unionsanitary.ca.gov](mailto:assistanttogm@unionsanitary.ca.gov) or via voicemail by calling 510-477-7599 before 3:00 p.m. on the date of the meeting.** Comments will then be read into the record, with a maximum allowance of 3 minutes per individual comment, subject to the Board President's discretion. All comments should be a maximum of 500 words, which corresponds to approximately 3 minutes of speaking time. If a comment is received after the agenda item is heard but before the close of the meeting, the comment will still be included as a part of the record of the meeting but will not be read into the record.

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

To listen to this Regular Board Meeting:

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

Meeting ID: 878 6669 9285 #

Participant ID: #

Click the Zoom link below to watch and listen:

<https://us02web.zoom.us/j/87866699285>

	1.	Call to Order.
	2.	<del>Salute to the Flag.</del> (This item has been suspended due to the COVID-19 pandemic.)
	3.	Roll Call.
Motion	4.	Approve Minutes of the Union Sanitary District Board Meeting of June 14, 2021.
Motion	5.	Approve Minutes of the Union Sanitary District Special Board Meeting of June 16, 2021.
Information	6.	May 2021 Monthly Operations Report <i>(to be reviewed by the Budget &amp; Finance and Legal/Community Affairs Committees)</i> .
	7.	Written Communications.
	8.	Public Comment. Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available in the Boardroom and are requested to be completed prior to the start of the meeting.
Public Hearing	9.	Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2022 and Adoption of a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls <i>(to be reviewed by the Budget &amp; Finance Committee)</i> .
Motion	10.	Consider Approving Proposed Operating and CIP Budget for Fiscal Year 2022 <i>(to be reviewed by the Budget &amp; Finance Committee)</i> .
Motion	11.	Consider Claim filed by Classic 36304 Newark Boulevard, LP(an affiliate of Classic Communities) in the Amount of \$31,728.31, for Road Damage.
Motion	12.	Consider a Resolution to Accept Sanitary Sewer Easements for Tracts 8265 and 8374 – Warm Springs TOD Village Phases 1 and 2, Located at Warm Springs Boulevard and South Grimmer Boulevard, in the City of Fremont <i>(to be reviewed by the Legal/Community Affairs Committee)</i> .
Motion	13.	Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8418 – Sanctuary Village 2, Located at Cherry Street and Stevenson Boulevard, in the City of Newark <i>(to be reviewed by the Legal/Community Affairs Committee)</i> .
Motion	14.	Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8330 – Hobbs Phase 3, Located at Mission Boulevard and Vinha Way, in the City of Fremont <i>(to be reviewed by the Legal/Community Affairs Committee)</i> .
Motion	15.	Consider Authorizing Payment for City of Fremont 2019 Pavement Rehabilitation Project (PWC) 8234-S <i>(to be reviewed by the Budget &amp; Finance Committee)</i> .
Information	16.	COVID-19 Update.

- |             |  |
|-------------|--|
| Information | 17. Check Register.  |
| Information | 18. Committee Meeting Reports. <i>(No Board action is taken at Committee meetings):</i> <ul style="list-style-type: none"><li>a. Budget &amp; Finance Committee – Wednesday, June 23, 2021, at 10:30 a.m.<ul style="list-style-type: none"><li>• Director Lathi and Director Toy</li></ul></li><li>b. Legal/Community Affairs Committee – Thursday, June 24, 2021, at 11:00 a.m.<ul style="list-style-type: none"><li>• Director Lathi and Director Handley</li></ul></li><li>c. Engineering and Information Technology Committee – will not meet.</li><li>d. Legislative Committee – will not meet.</li><li>e. Personnel Committee – will not meet.</li></ul> |
| Information | 19. General Manager’s Report. <i>(Information on recent issues of interest to the Board).</i>  |
|             | 20. Other Business: <ul style="list-style-type: none"><li>a. Comments and questions. <i>Directors can share information relating to District business and are welcome to request information from staff.</i></li><li>b. Scheduling matters for future consideration.</li></ul>   |
|             | 21. Adjournment – The Board will adjourn to the next Regular Board Meeting to be held virtually on Monday, July 12, 2021, at 4:00 p.m.   |

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



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

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

**AGENDA**  
**Wednesday, June 23, 2021**  
**10:30 A.M.**

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

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

Karen W. Murphy  
*Attorney*

Consistent with Executive Orders No. N-25-20 and No. N-29-20 from the Executive Department of the State of California, the Alameda County May 18, 2020 Updated Shelter in Place Order, and Executive Order No. N-33-20, Stay-at-Home Order, this meeting will not be physically open to the public and all Board Members will be teleconferencing into the meeting via conference call.

To maximize public safety while still maintaining public access, members of the public can observe the meeting by calling 510-477-6190 to listen to the committee meeting, and may provide public comment by sending comments to the Board Clerk by email at [assistanttogm@unionsanitary.ca.gov](mailto:assistanttogm@unionsanitary.ca.gov) or via voicemail by calling 510-477-7599 up to one hour before the scheduled meeting start time.

1. Call to Order
2. Roll Call
3. Public Comment  
Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available and are requested to be completed prior to the start of the meeting.
4. Items to be reviewed for the Regular Board meeting of June 28, 2021:
  - May 2021 Monthly Operations Report – Financial Reports
  - Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2022 and Adoption of a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls
  - Consider Approving Proposed Operating and CIP Budget for Fiscal Year 2022
  - Consider Authorizing Payment for City of Fremont 2019 Pavement Rehabilitation Project (PWC) 8234-S
5. Adjournment

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



## LEGAL/COMMUNITY AFFAIRS COMMITTEE MEETING

Committee Members: Director Lathi and Director Handley

### Directors

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

### AGENDA

Thursday, June 24, 2021

11:00 A.M.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

### Officers

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

Consistent with Executive Orders No. N-25-20 and No. N-29-20 from the Executive Department of the State of California, the Alameda County May 18, 2020 Updated Shelter in Place Order, and Executive Order No. N-33-20, Stay-at-Home Order, this meeting will not be physically open to the public and all Board Members will be teleconferencing into the meeting via conference call.

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1. Call to Order
2. Roll Call
3. Public Comment  
Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available and are requested to be completed prior to the start of the meeting.
4. Items to be reviewed for the Regular Board meeting of June 28, 2021:
  - May 2021 Monthly Operations Report – Odor and Work Group Reports
  - Consider a Resolution to Accept Sanitary Sewer Easements for Tract 8265 and 8374 – Warm Springs TOD Village Phases 1 and 2, Located at Warm Springs Boulevard and South Grimmer Boulevard, in the City of Fremont
  - Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8318 – Sanctuary Village 2, Located at Cherry Street and Stevenson Boulevard, in the City of Newark
  - Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8330 – Hobbs Phase 3, Located at Mission Boulevard and Vinha Way, in the City of Fremont
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 facilities at the District Offices are wheelchair accessible. Any attendee requiring special accommodations at the meeting should contact the General Manager's office at (510) 477-7503 at least 24 hours in advance of the meeting.

**MINUTES OF THE MEETING OF THE  
BOARD OF DIRECTORS OF  
UNION SANITARY DISTRICT/UNION SANITARY DISTRICT FINANCING  
AUTHORITY  
June 14, 2021**

**Consistent with Executive Orders No. N-25-20 and No. N-29-20 from the Executive Department of the State of California, the Alameda County March 16, 2020 Shelter in Place Order, and Executive Order No. N-33-20, Stay-at-Home Order, the Monday, June 14, 2021, Regular Board Meeting was not physically open to the public and all Board Members teleconferenced into the meeting. To maximize public safety while still maintaining transparency and public access, members of the public were able to listen to the Board Meeting and provide public comment by sending comments to the Board Clerk.**

**CALL TO ORDER**

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

**SALUTE TO THE FLAG**

**ROLL CALL**

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

ABSENT: Manny Fernandez, Secretary (arrived at 4:02 p.m.)

STAFF: Paul Eldredge, General Manager/District Engineer  
Karen Murphy, District Counsel  
Mark Carlson, Business Services Manager/CFO  
Sami Ghossain, Technical Services Manager  
James Schofield, Collection Services Manager  
Robert Simonich, Fabrication Construction and Maintenance Manager  
Armando Lopez, Treatment and Disposal Services Manager  
Karoline Terrazas, Organizational Performance Manager  
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

**APPROVE MINUTES OF THE UNION SANITARY DISTRICT BOARD MEETING OF  
MAY 24, 2021**

It was moved by Secretary Fernandez, seconded by Director Handley, to Approve the Minutes of the Board Meeting of May 24, 2021. Motion carried with the following vote:

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

ABSTAIN: None  
ABSENT: None

### **THIRD QUARTER FISCAL YEAR 2021 DISTRICT-WIDE BALANCED SCORECARD MEASURES**

This item was reviewed by the Legal/Community Affairs Committee. Organizational Performance Manager Terrazas provided an overview of the Balanced Scorecard included in the Board meeting packet.

### **WRITTEN COMMUNICATIONS**

There were no written communications.

### **PUBLIC COMMENT**

There was no public comment.

### **SELECT BOARDMEMBERS TO REPRESENT UNION SANITARY DISTRICT ON EXTERNAL COMMITTEES FOR FISCAL YEAR 2022**

General Manager Eldredge stated staff prepared a desk item as requested by Vice President Lathi to clarify her preferences for External Committee assignments. The Desk Item was added to the Board meeting packet posted on the District's website. Policy No. 3070 calls for the Board to annually select representatives and alternates for the four following External Committees: Alameda County Water District Finance Authority (ACWDFA), East Bay Dischargers Authority Commission (EBDA), Alameda County California Special Districts Association (ACSDA), and Southern Alameda County Geographic Information System Joint Powers Authority (SACGISA). Current Board representatives and alternates for external committees and a table showing Boardmember preferences for external committee assignments were included in the Board meeting packet. Staff recommended the Board select members to serve the Fiscal Year 2022 term as USD representatives to the Alameda County Water District Finance Authority, East Bay Dischargers Authority Commission, Alameda County Chapter of the California Special Districts Association, and the Southern Alameda County Geographic Information System Joint Powers Authority.

It was moved by Director Toy, seconded by Vice President Lathi, to Accept the Following External Committee Assignments for Fiscal Year 2022:

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

Motion carried with the following vote:

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

### **REVIEW AND CONSIDER APPROVAL OF POLICY NO. 2015, BUDGET POLICY**

This item was reviewed by the Budget & Finance Committee. Business Services Manager/CFO Carlson stated Budget Policy No. 2015 requires review and approval by the Board of Directors every three years. Staff incorporated non-substantive updates and no significant edits were required. Staff recommended the Board consider approval of Policy No. 2015, Budget Policy.

It was moved by Director Handley, seconded by Director Toy, to Approve Policy No. 2015, Budget Policy. Motion carried with the following vote:

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

### **AUTHORIZE THE GENERAL MANAGER TO EXECUTE AMENDMENT NO. 1 TO TASK ORDER NO. 1 WITH TANNER PACIFIC, INC. FOR THE TWIN FORCE MAIN RELOCATION**

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated the purpose of the Agreement and Task Order No. 1 was to authorize construction management and inspection services to Tanner Pacific, Inc. for the construction of Phase 2 of the Twin Force Main Relocation Project. When Task Order No. 1 was executed, it was anticipated the work would begin in July 2020 and conclude by December 2020. However, the project was delayed and the Second Amendment to the Pipeline Relocation Agreement with Taylor Morrison Homes (TMH) extended the completion date of the Phase 2 work to December 31, 2021. Amendment No. 1 to Task Order No. 1 with Tanner Pacific will be needed to provide additional construction management and inspection services. In accordance with the Pipeline Relocation Agreement, TMH is ultimately responsible for the cost of construction management and will reimburse the District for costs incurred under this task order and amendment. Staff recommended the Board authorize the General Manager to execute Amendment No. 1 to Task Order No. 1 with Tanner Pacific, Inc. in the amount of \$373,920 to provide additional construction management and inspection services for the Twin Force Main Relocation – Phase 2 Project.

It was moved by Vice President Lathi, seconded by Secretary Fernandez, to Authorize the General Manager to Execute Amendment No. 1 to Task Order No. 1 with Tanner Pacific, Inc. in the Amount of \$373,920 to Provide Additional Construction Management and Inspection Services for the Twin Force Main Relocation – Phase 2 Project. Motion carried with the following vote:

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

**AUTHORIZE THE GENERAL MANAGER TO EXECUTE AN AGREEMENT AND TASK ORDER NO. 1 WITH CAROLLO ENGINEERS, INC. FOR THE EMERGENCY OUTFALL IMPROVEMENTS PROJECT, CATHODIC PROTECTION SYSTEM IMPROVEMENTS PROJECT, AND FY21 GRAVITY SEWER REHABILITATION/REPLACEMENT PROJECT – PHASE VII**

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Ghossain stated the purpose of the task order will be to authorize construction management and inspection services during construction of the Outfall Project, Cathodic Project, and FY21 Gravity Sewer Rehabilitation/Replacement Project – Phase VII Project. Staff selected Carollo after following the Request for Proposals process. The scope of services and fees for Task Order No. 1 were included in the Board meeting packet. Work under this Task Order, including project close out phase services, is expected to be completed by December 31, 2021. Staff recommended the Board authorize the General Manager to execute an agreement and Task Order No. 1 with Carollo Engineers, Inc. in the amount of \$306,453 to provide construction management services for the Emergency Outfall Improvements Project, Cathodic Protection System Improvements Project, and FY21 Gravity Sewer Rehabilitation/Replacement Project – Phase VII.

It was moved by Director Handley, seconded by Director Toy, to Authorize the General Manager to Execute an Agreement and Task Order No. 1 with Carollo Engineers, Inc. in the Amount of \$306,453 to Provide Construction Management Services for the Emergency Outfall Improvements Project, Cathodic Protection System Improvements Project, FY 21 Gravity Sewer Rehabilitation/Replacement Project – Phase VII. Motion carried with the following vote:

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

**PROVIDE DIRECTION REGARDING THE START TIME FOR REGULAR MEETINGS OF THE BOARD OF DIRECTORS**

Executive Assistant to the General Manager/Board Clerk McEvoy stated regular Board meetings have been held the second and fourth Monday of the month beginning at 4:00 p.m. since the onset of the pandemic in March of 2020. Staff prepared the item at the Board's request to provide an opportunity to discuss the start time for regular Board meetings going forward. Resolution No. 2888 states regular Board meetings take place the second and fourth Monday of each month at 7:00 p.m. and further states that in the event of an emergency as declared by the federal, state, or local government, the General Manager may adjust the start time of regular meetings to be earlier. The Governor's office announced its intention to end the suspension of the Brown Act that enabled public

agencies to conduct meetings remotely during the pandemic in October of 2021. Staff requested the Board provide direction regarding the start time for regular Board meetings.

The Board directed staff to prepare and present a revised version of Resolution No. 2888 to reflect that, after the COVID-19 pandemic restrictions end, the Board will conduct regular meetings at 4:00 p.m. on the second and fourth Monday of each month for a trial period.

### **INFORMATION ITEMS:**

#### **Board of Directors Internal Committee Assignments**

President Kite presented Board internal committee assignments for 2021-2022.

#### **Report on the East Bay Dischargers Authority (EBDA) Meeting of May 20, 2021**

Director Toy provided an overview of the EBDA Commission meeting minutes included in the Board meeting packet.

#### **COVID-19 Update**

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

#### **Check Register**

There were no questions regarding the check register.

### **COMMITTEE MEETING REPORTS:**

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

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

General Manager Eldredge stated the following:

- There will be a Special Board Meeting Closed Session held virtually at 4:00 p.m. on Wednesday, June 16, 2021.
- General Manager Eldredge reminded the Board to please provide staff their availability for committee meetings for the next year.
- As part of the bond proceedings District staff will present to rating agencies the week of July 12, 2021 and expect to present to the Board at the July 26, 2021 meeting.

### **OTHER BUSINESS:**

There was no other business.

### **ADJOURNMENT:**

The meeting was adjourned at 5:00 p.m. to a Special Board Meeting to be held virtually at 4:00 p.m. on Wednesday, June 16, 2021.

SUBMITTED:

ATTEST:

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REGINA McEVOY  
BOARD CLERK

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MANNY FERNANDEZ  
SECRETARY

APPROVED:

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PAT KITE  
PRESIDENT

Adopted this 28<sup>th</sup> day of June 2021

**MINUTES OF THE SPECIAL MEETING OF THE  
BOARD OF DIRECTORS OF  
UNION SANITARY DISTRICT  
June 16, 2021**

**Consistent with Executive Order No. N-25-20 from the Executive Department of the State of California and the Alameda County Public Health Department's March 16, 2020 Shelter in Place Order, the District's June 16, 2021, Special Meeting was not physically open to the public. In order to maximize public safety while still maintaining transparency, members of the public were able to attend the public portion of the meeting telephonically.**

**CALL TO ORDER**

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

**ROLL CALL**

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

STAFF: Paul Eldredge, General Manager/District Engineer  
Gene Boucher, Human Resources Manager  
Karen Murphy, District Counsel  
Leah Castella, Assistant District Counsel

**PUBLIC COMMENT**

There was no public comment.

**CLOSED SESSION**

The Union Sanitary District Board of Directors adjourned to closed session for the following:

Conference with Legal Counsel – EXISTING LITIGATION  
(Paragraph (1) of subdivision (d) of Gov. Code § 54956.9)  
SEIU v. Union Sanitary District

CONFERENCE with LEGAL COUNSEL – ANTICIPATED LITIGATION  
Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Section 54956.9: Two potential cases.

There was no reportable action.

**ADJOURNMENT:**

The special meeting was adjourned at approximately 4:30 p.m. to the next Regular Meeting on Monday, June 28, 2021, at 4:00 p.m.

SUBMITTED:

ATTEST:

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

\_\_\_\_\_  
MANNY FERNANDEZ  
SECRETARY

APPROVED:

\_\_\_\_\_  
PAT KITE  
PRESIDENT

Adopted this 28<sup>th</sup> day of June, 2021



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

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

Karen W. Murphy  
*Attorney*

**JUNE 28, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 6**

**TITLE:** Monthly Operations Report for May 2021 (*This is an Information Item*)

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

**Recommendation**

Information only.

**Previous Board Action**

None

**Background**

Attached are Monthly Operations Reports for May 2021. Staff is available to answer questions regarding information contained in the report.

**Work Group Managers**

General Manager/Administration	Paul Eldredge	GM
Business Services/CFO	Mark Carlson	BS
Collection Services	James Schofield	CS
Technical Support	Sami Ghossain	TS
Treatment and Disposal Services	Armando Lopez	T&D
Fabrication, Maintenance, and Construction	Robert Simonich	FMC

**ODOR COMPLAINTS:**

During the month of May 2021, there was one odor complaint received by the District. Details of the odor complaint can be found in the May 2021 Odor Report in the Board meeting packet.

## **STAFFING & PERSONNEL:**

### **Completed Recruitments Resulting in Promotions:**

- IT Administrator – replacement for Todd Jacob – retirement in August 2021. Trieu Nguyen promoted effective 5/3/21.

### **Other Completed Recruitments:**

- Assistant Engineer – Limited Duration – new position for ETSU. Gus Carillo started 6/14/2021.

### **Recruitments Opened**

- Buyer I/II – replacement for Bill Newman – relocation, 5/21/21. Theresa Vasquez – internal lateral move – effective 7/17/21.

### **Separations:**

- Walker Rollins, Collection Services Worker, due to relocation effective 5/13/21.
- Bill Newman, Buyer I/II, due to relocation effective 5/21/21.

**G.M. ACTIVITIES:** For the month of April, the General Manager was involved in the following:

- Attended the East Bay Dischargers Authority (EBDA) JPA Commission Meeting
- Attended the EBDA Manager's Advisory Committee Meeting
- Coordinated District response to COVID-19 Pandemic
- Conducted the Board Budget Workshop

**Attachments:** Odor Report and Map  
Hours Worked and Leave Time by Work Group  
Business Services  
Technical Services  
Collection Services  
Fabrication, Maintenance, and Construction  
Treatment and Disposal Services



**Legend**

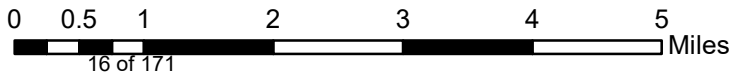
**Odor Complaints: May 2021**

- ★ Odor found, USD resolved (0)
- Odor found, not related to USD (1)
- ▲ No odor found (0)

**Odor Complaints: Jun. 2020 to Apr. 2021**

- ★ Odor found, USD resolved (1)
- Odor found, not related to USD (2)
- ▲ No odor found (14)

**Location of Odor Reports  
June 2020 to May 2021**





## ODOR REPORT

May 2021

During the recording period from May 01, 2021 through May 31, 2021, there was one odor related service request received by the District.

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**City: Fremont**

1. **Complaint Details:**

*Date: 5/12/21*

*Time: 4:17 pm*

*Location: WASHO DR*

*Reported By: Robert*

*Wind (from): North*

*Wind Speed: 1MPH*

*Temperature: 64 F*

*Weather: Sunny*

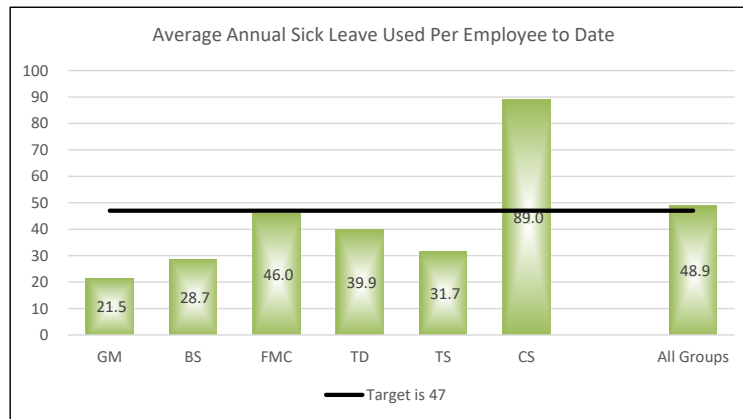
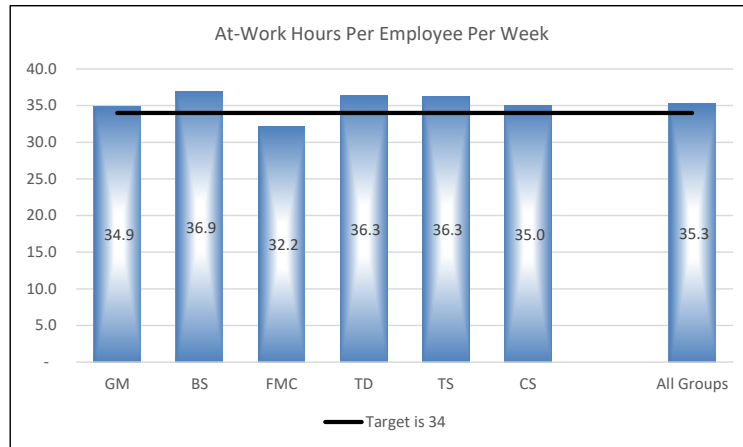
**Response and Follow-up:**

USD staff responded to a report of a foul odor near a residence in Fremont. Staff checked the sewer mains and storm drains in the area. No sewer odor was detected coming from either structure. Homeowner reported that a dead deer was found in the yard the day before. It was determined that the odor may be from that incident. Homeowner was advised to call Animal Control for clean-up. No further action is required by USD staff at this time.

## HOURS WORKED AND LEAVE TIME BY WORK GROUP

June 25, 2020 through May 26, 2021

Weeks to Date: 48 out of 52 (92.31%)



### 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, Funeral, Jury Duty, Military, OT Banked Use, Paid Admin., AWHIP, 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.

(5) Families First Coronavirus Response Act (FFCRA) - Emergency Paid Sick Leave (EPSL) and Paid Expanded Family Medical Leave Act (Paid EFMLA)

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 25, 2020 through May 26, 2021

Weeks to Date: 48 out of 52 (92.31%)

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	FY20		
		Regular (1)	Overtime (2)		Discretionary (3)	Short Term Disability	Workers Comp	Sick (4)	FFCRA Paid Leave (5)	CA SB95 Paid Leave (6)		Average Number of Employees	At-Work Hours Per Week Per Employee	Annual Sick Leave Used
GM	2	3,335.75	0.75	34.9	458.75	-	-	43.00	-	2.50	21.5	2	34.9	35.9
BS	17	29,661.25	394.00	36.9	2,826.77	74.13	99.25	462.68	24.92	55.00	28.7	17	36.6	36.8
FMC	27	41,465.25	165.58	32.2	6,485.23	466.15	1,059.50	854.06	388.03	205.50	46.0	28	34.2	33.0
TD	29	49,739.20	679.89	36.3	5,126.13	-	-	774.56	382.11	262.00	39.9	27	35.4	48.8
TS	32	55,380.77	148.31	36.3	4,862.57	153.08	-	890.62	124.21	28.75	31.7	33	35.0	48.5
CS	32	51,254.80	2,299.10	35.0	6,932.95	356.12	-	2,455.09	394.04	74.00	89.0	31	33.9	91.2
<b>All Groups</b>	<b>139</b>	<b>230,837.02</b>	<b>3,687.63</b>	<b>35.3</b>	<b>26,692.40</b>	<b>1,049.48</b>	<b>1,158.75</b>	<b>5,480.01</b>	<b>1,313.31</b>	<b>627.75</b>	<b>48.9</b>	<b>138</b>	<b>35.1</b>	<b>50.5</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, Funeral, Jury Duty, Military, OT Banked Use, Paid Admin., AWHIP, 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.

(5) Families First Coronavirus Response Act (FFCRA) - Emergency Paid Sick Leave (EPSL) and Paid Expanded Family Medical Leave Act (Paid EFMLA)

(6) California Senate Bill No. 95 - Supplemental Paid Sick Leave (SPSL)

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 2021

Year-to-date as of 5/31/21

92% of year elapsed

## Revenues

	Budget	Actual	% of Budget Rec'd	Audited Last Year Actuals 6/30/20
Capacity Fees	\$ 5,712,200	\$ 5,518,614	97%	\$ 14,179,464
Sewer Service Charges	60,500,000	59,093,882	98%	60,216,148
Operating (Includes work groups and fund 85)	1,293,500	1,084,206	84%	1,285,438
Interest	1,150,000	1,346,791	117%	3,167,480
Misc. (Annex fees, forfeited deposits)	75,000	15,621	21%	174,673
Subtotal Revenues	<u>\$ 68,730,700</u>	<u>67,059,114</u>	<u>98%</u>	<u>\$ 79,023,203</u>
Bond Proceeds	-	-	0.0%	73,508,248
<b>Total Revenues + Bond Proceeds</b>	<b>\$ 68,730,700</b>	<b>\$ 67,059,114</b>	<b>98%</b>	<b>\$ 152,531,451</b>

## Expenses

	Budget	Actual	% of Budget Used	Last Year Actuals
Capital Improvement Program:				
Capacity Proj.	\$ 22,630,500	\$ 17,217,355	76%	\$ 7,378,703
Renewal & Repl. Proj.	20,052,000	9,441,517	47%	5,317,131
Operating (includes fund 85)	45,075,355	37,279,898	83%	45,675,462
Special Projects	2,723,000	600,020	22%	1,288,761
Retiree Medical (ADC)	1,208,354	900,064	74%	- 9,636
Vehicle & Equipment	77,868	129,432	166%	42,258
Information Systems	960,800	709,398	74%	412,483
Plant & Pump Stat. R&R	400,000	38,999	10%	244,669
Emerg. Fund	-	-	0%	
Cty Fee for SSC Admin.	111,000	111,142	100%	109,988
Debt Servicing:				
SRF Loans	-	-		39,670,259
Bonds	4,684,773	4,684,772	100%	1,226,335
WIFIA Fees	-	100,000	0%	
<b>Total Expenses</b>	<b><u>\$ 97,923,650</u></b>	<b><u>\$ 71,212,598</u></b>	<b><u>73%</u></b>	<b><u>\$ 101,356,412</u></b>
<b>Total Revenue &amp; Proceeds less Expenses</b>	<b>\$ (29,192,950)</b>	<b>\$ (4,153,484)</b>		<b>51,175,039</b>

## Operating (Work Group) Expenses

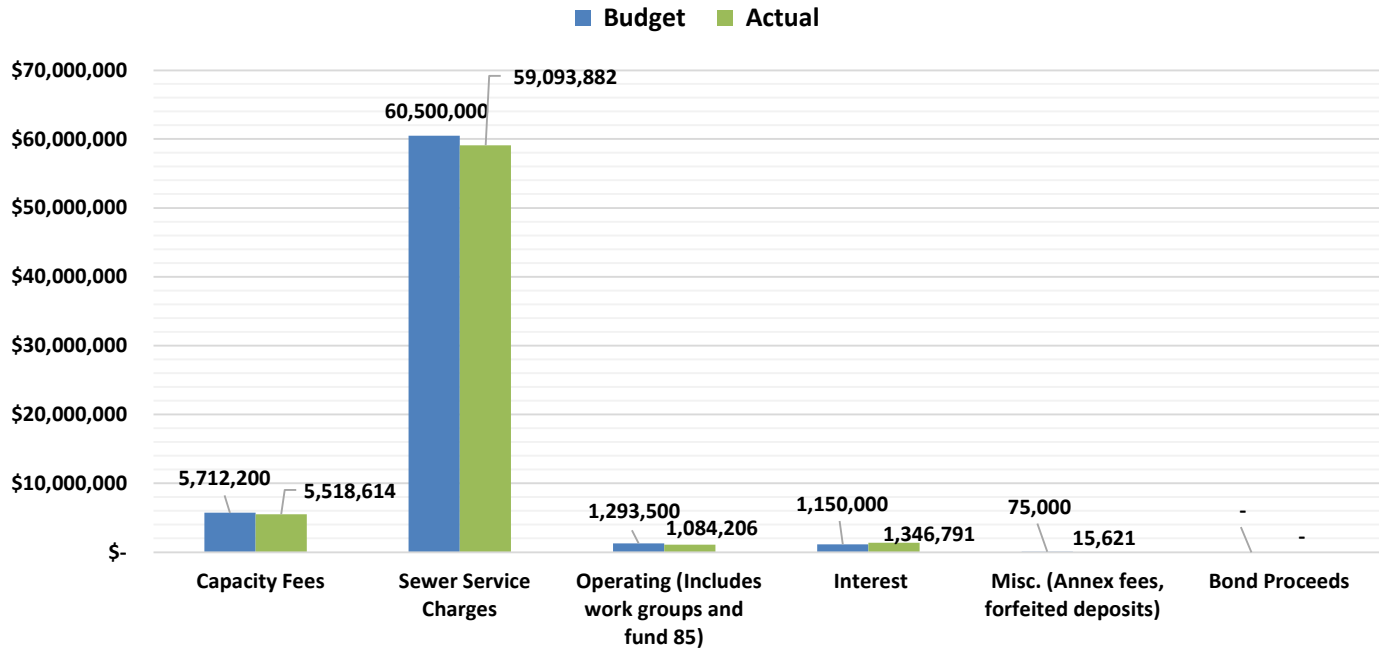
	Budget	Actual	% of Budget Used	Audited Last Year Actuals
Board of Directors	\$ 180,354	\$ 122,138	68%	\$ 145,485
General Manager/Admin.	1,066,753	864,784	81%	1,028,600
Business Services	4,169,231	3,415,821	82%	4,195,435
Collection Services	7,623,414	6,473,456	85%	8,109,845
Technical Services	6,815,278	6,031,438	88%	7,716,365
Treatment & Disposal Services	15,187,206	12,154,873	80%	14,048,718
Fabrication, Maint. & Construction	9,050,619	7,622,915	84%	9,720,443
Non-Departmental	982,500	594,473	61%	710,571
Total	<u>\$ 45,075,355</u>	<u>\$ 37,279,898</u>	<u>83%</u>	<u>\$ 45,675,462</u>

## Operating (Work Group) Expenses by Type

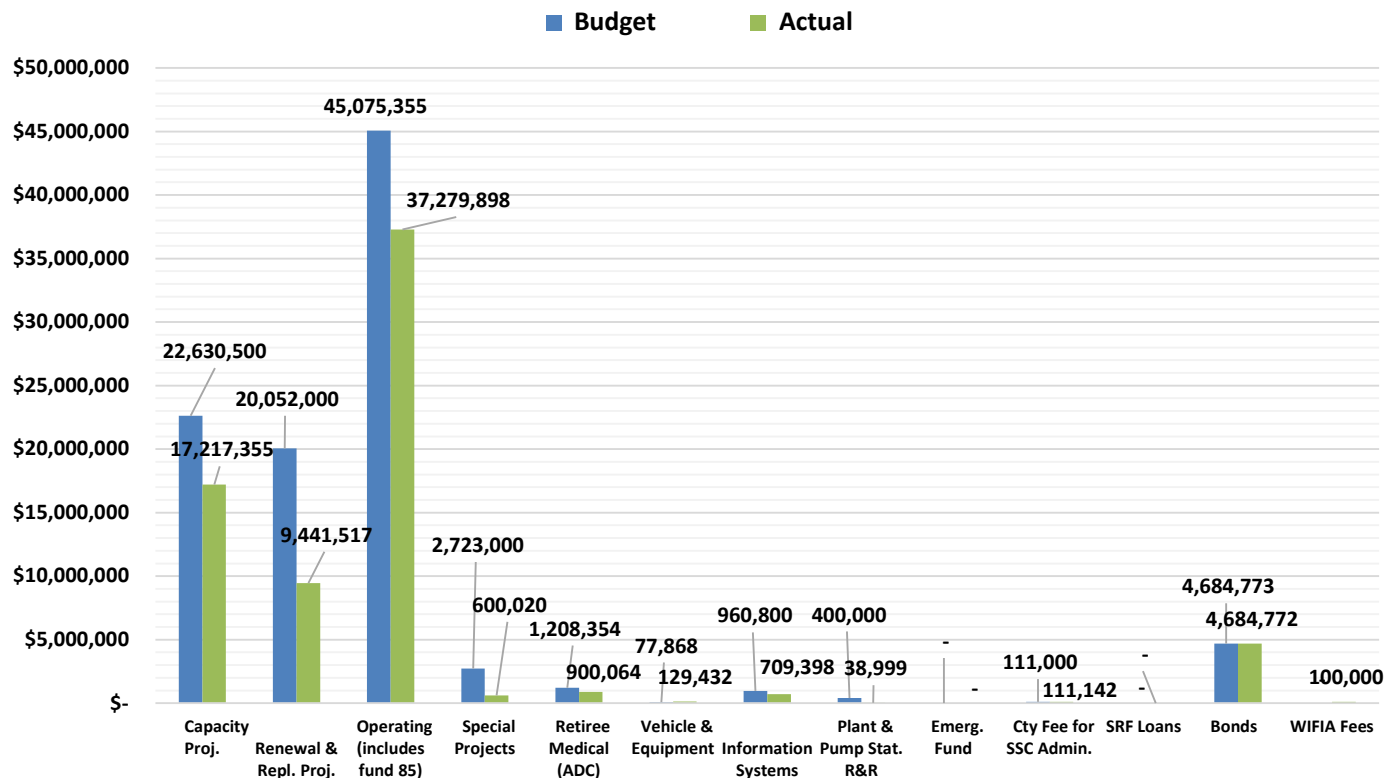
	Budget	Actual	% of Budget Used	Last Year Actuals
Personnel (incl D&E)	\$ 30,366,922	\$ 26,558,264	87%	\$ 32,823,440
Repairs & Maintenance	2,416,400	1,721,898	71%	2,520,319
Supplies & Matls (chemicals, small tools)	3,457,020	2,441,340	71%	3,197,282
Outside Services (utilities, biosolids, legal)	8,517,513	6,359,395	75%	6,934,999
Fixed Assets	317,500	199,002	63%	199,422
Total	<u>\$ 45,075,355</u>	<u>\$ 37,279,898</u>	<u>83%</u>	<u>\$ 45,675,462</u>

**REVENUES AND EXPENSES REPORT**  
as of 5/31/21

## Total Revenues

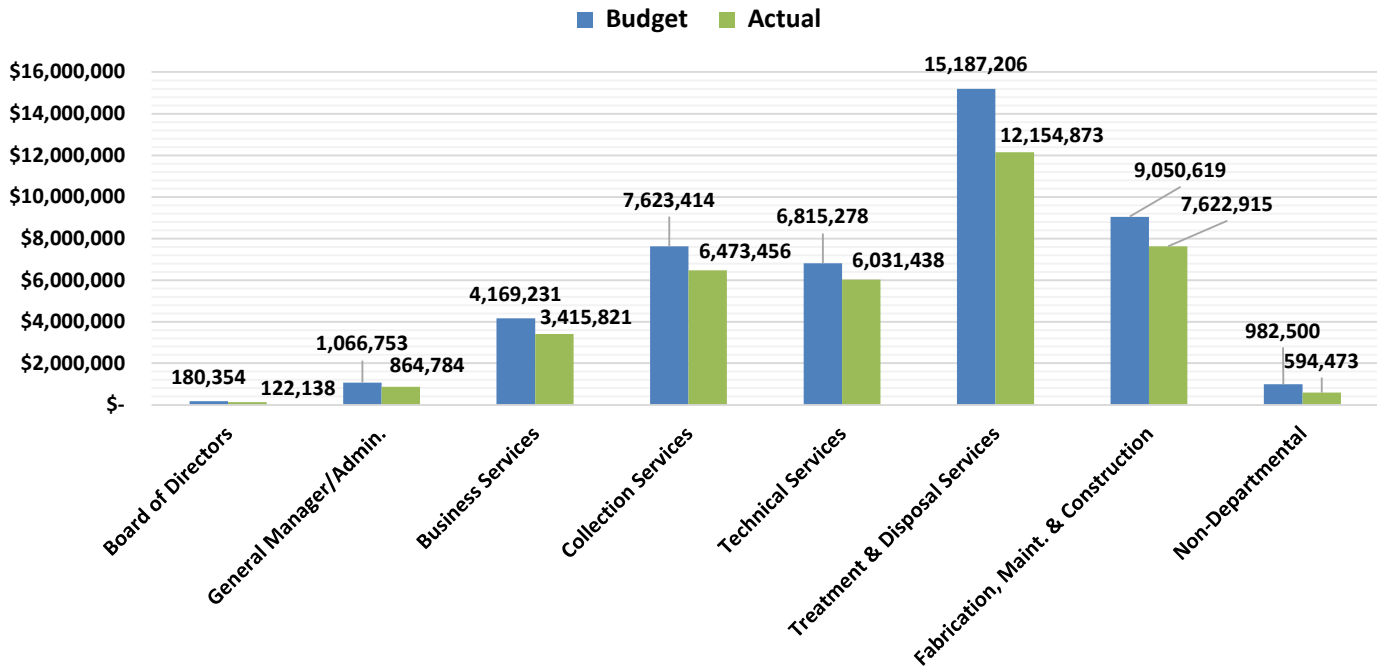


## Total Expenses

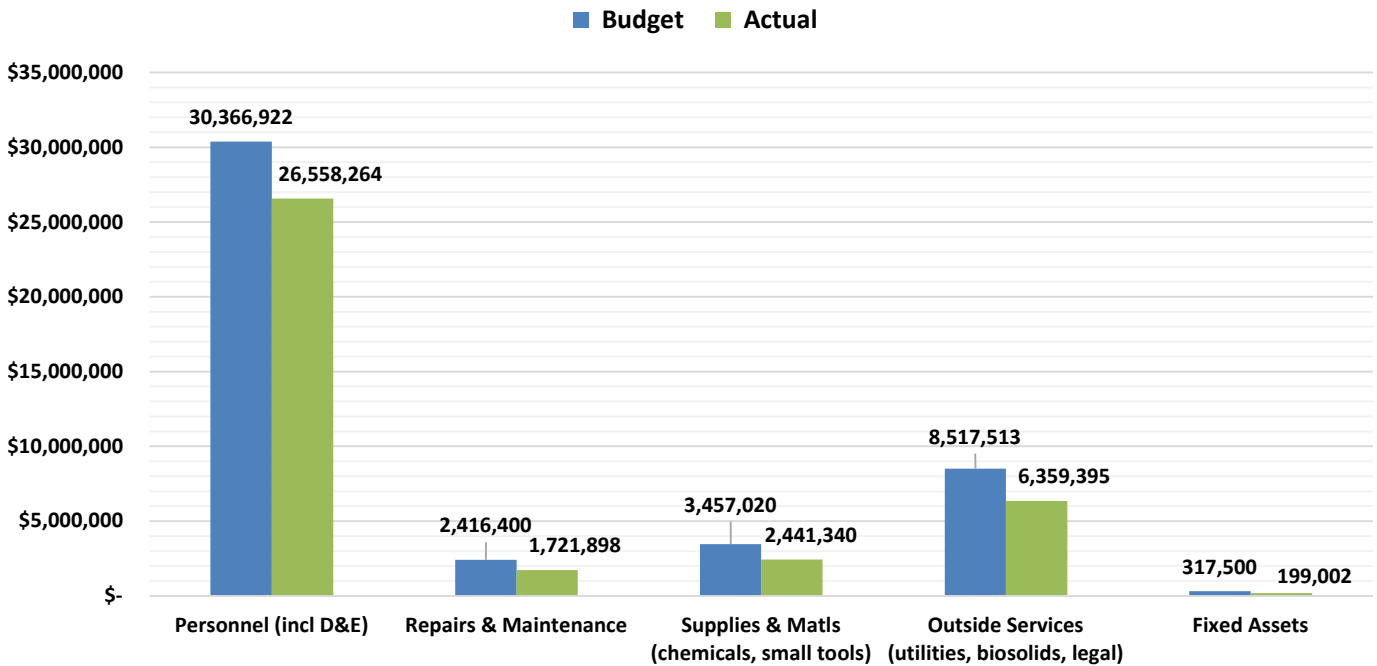


**REVENUES AND EXPENSES REPORT**  
as of 5/31/21

## Operating Expenses by Work Group

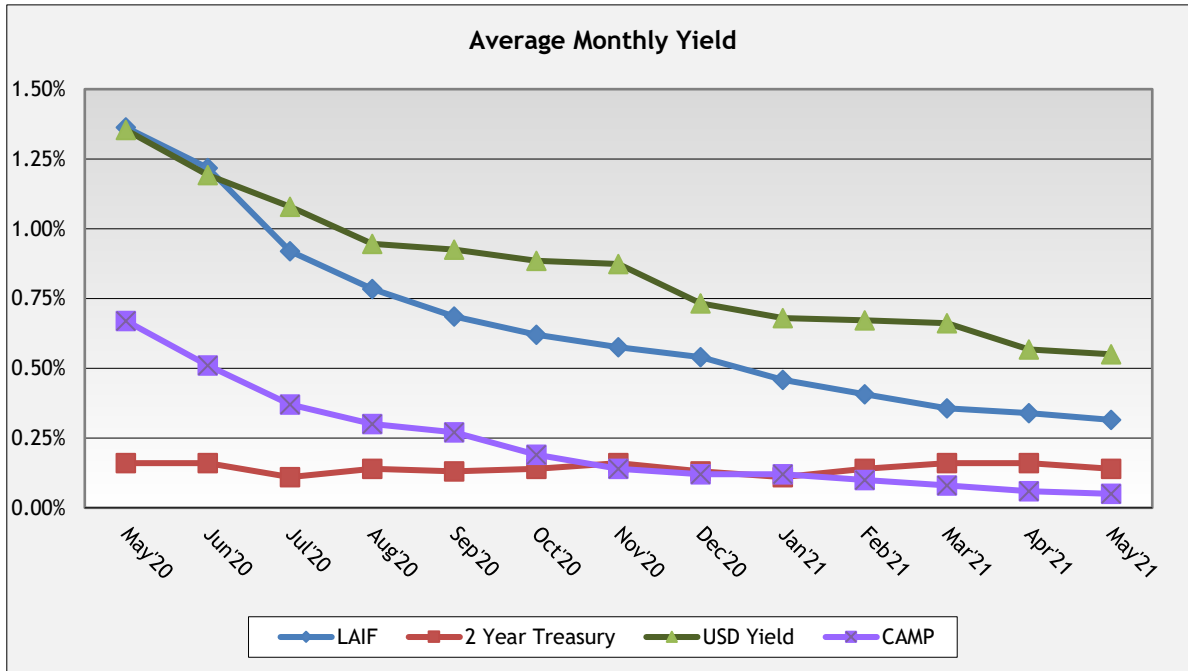


## Operating Expenses by Type



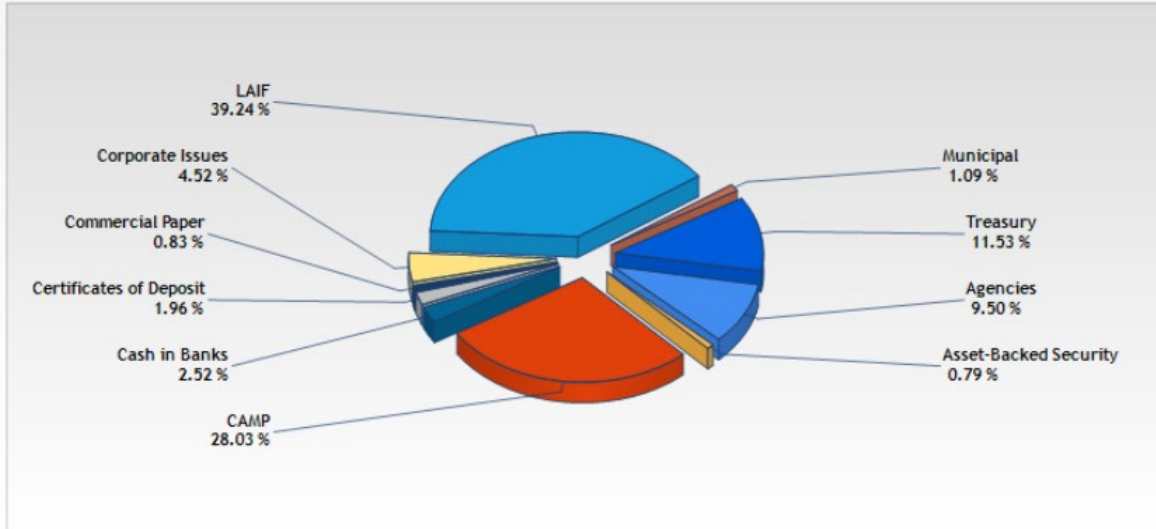
**Business Services Group  
May 2021**

**Performance Measures for the USD Investment Portfolio**

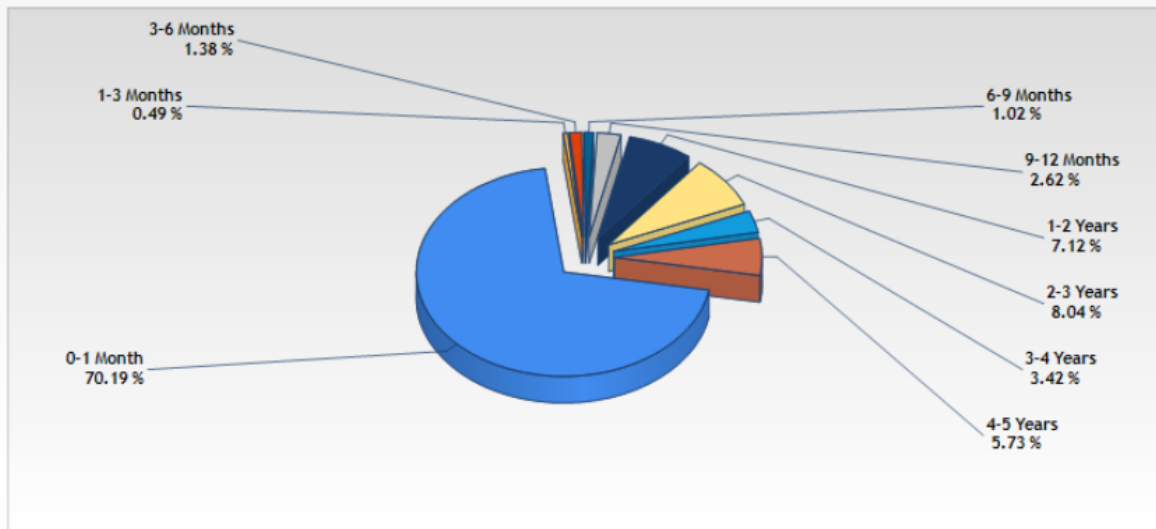


	Jan'21	Feb'21	Mar'21	Apr'21	May'21
<b>LAIF</b>	0.46%	0.41%	0.36%	0.34%	0.32%
<b>2 Year Treasury</b>	0.11%	0.14%	0.16%	0.16%	0.14%
<b>USD Yield</b>	0.68%	0.67%	0.66%	0.57%	0.55%
<b>CAMP</b>	0.12%	0.10%	0.08%	0.06%	0.05%

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	129,130,568.06	0.208	129,130,568.06	1	70.19	129,130,580.36	129,130,568.06	0.00
1-3 Months	900,000.00	2.296	897,712.50	68	0.49	903,645.00	900,510.65	0.19
3-6 Months	2,535,000.00	0.886	2,533,444.13	152	1.38	2,542,022.52	2,533,931.88	0.42
6-9 Months	1,861,000.00	1.504	1,873,396.49	229	1.02	1,882,947.26	1,865,264.20	0.62
9-12 Months	4,777,000.00	1.948	4,817,845.54	300	2.62	4,860,654.21	4,788,943.92	0.82
1-2 Years	13,100,000.00	1.614	13,100,654.55	556	7.12	13,383,979.26	13,111,982.87	1.49
2-3 Years	14,949,000.00	1.678	14,782,349.96	893	8.04	15,379,087.37	14,868,891.75	2.40
3-4 Years	6,205,000.00	0.939	6,284,229.15	1,355	3.42	6,353,239.66	6,275,297.64	3.63
4-5 Years	10,499,000.00	0.571	10,542,234.62	1,606	5.73	10,494,878.05	10,537,525.72	4.33
<b>TOTAL / AVERAGE</b>	<b>183,956,568.06</b>	<b>0.550</b>	<b>183,962,435.00</b>	<b>263</b>	<b>100</b>	<b>184,931,033.69</b>	<b>184,012,916.69</b>	<b>0.71</b>

Union Sanitary District  
Portfolio Holdings  
Board Report - Holdings  
Report Format: By Transaction  
Group By: Asset Class  
Average By: Cost Value  
Portfolio / Report Group: All Portfolios  
As of 5/31/2021

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 0.23 6/9/2022	3133ELH64	S&P-AA+	6/9/2020	1,635,000.00	1,631,730.00	0.230	1,635,065.40	0.330		6/9/2022	0.89
FFCB 0.25 9/21/2023-22	3133EMAM4	S&P-AA+	10/9/2020	1,625,000.00	1,622,237.50	0.250	1,625,487.50	0.308	9/21/2022	9/21/2023	0.88
FHLB 0.5 4/14/2025	3130AJHU6	None	4/16/2020	560,000.00	557,222.40	0.500	559,227.20	0.601		4/14/2025	0.30
FHLB 1.375 2/17/2023	3130AJ7E3	None	2/21/2020	775,000.00	773,574.00	1.375	791,135.50	1.438		2/17/2023	0.42
FHLB 2 10/26/2021-19	3130AB3D6	None	4/26/2017	1,000,000.00	1,000,000.00	2.000	1,007,830.00	2.000		10/26/2021	0.54
FHLMC 0.25 12/4/2023	3137EAF42	S&P-AA+	12/4/2020	190,000.00	189,811.90	0.250	190,089.30	0.283		12/4/2023	0.10
FHLMC 0.25 6/26/2023	3137EAE54	None	6/26/2020	780,000.00	777,722.40	0.250	781,388.40	0.348		6/26/2023	0.42
FHLMC 0.25 8/24/2023	3137EAEV7	None	8/21/2020	520,000.00	519,469.60	0.250	520,265.20	0.284		8/24/2023	0.28
FHLMC 0.375 5/5/2023	3137EAER6	S&P-AA	5/29/2020	220,000.00	220,305.80	0.375	220,893.20	0.327		5/5/2023	0.12
FHLMC 0.375 7/21/2025	3137EAEU9	None	7/23/2020	525,000.00	522,385.50	0.375	519,786.75	0.476		7/21/2025	0.28
FHLMC 0.375 9/23/2025	3137EAEX3	None	9/25/2020	795,000.00	792,607.05	0.375	785,841.60	0.436		9/23/2025	0.43
FHLMC 1.5 2/12/2025	3137EAEP0	None	2/14/2020	1,035,000.00	1,034,203.05	1.500	1,073,119.05	1.516		2/12/2025	0.56
FNMA 0.25 5/22/2023	3135G04Q3	None	5/22/2020	865,000.00	862,396.35	0.250	866,531.05	0.351		5/22/2023	0.47
FNMA 0.25 7/10/2023	3135G05G4	None	7/10/2020	795,000.00	793,290.75	0.250	795,961.95	0.322		7/10/2023	0.43
FNMA 0.31 1/26/2024-22	3136G46V0	S&P-AA+	10/26/2020	259,000.00	258,896.40	0.310	258,813.52	0.322	10/26/2022	1/26/2024	0.14
FNMA 0.375 8/25/2025	3135G05X7	None	8/27/2020	555,000.00	552,402.60	0.375	548,728.50	0.470		8/25/2025	0.30
FNMA 0.375 8/25/2025	3135G05X7	None	10/22/2020	415,000.00	412,754.85	0.375	410,310.50	0.488		8/25/2025	0.22
FNMA 0.5 11/7/2025	3135G06G3	None	11/12/2020	520,000.00	518,138.40	0.500	515,434.40	0.573		11/7/2025	0.28
FNMA 0.5 6/17/2025	3135G04Z3	None	6/19/2020	865,000.00	863,209.45	0.500	862,257.95	0.542		6/17/2025	0.47
FNMA 0.5 6/17/2025	3135G04Z3	None	10/28/2020	1,010,000.00	1,011,494.80	0.500	1,006,798.30	0.468		6/17/2025	0.55
FNMA 0.5 8/14/2025-23	3135G05S8	S&P-AA+	8/24/2020	1,000,000.00	998,400.00	0.500	992,300.00	0.533	8/14/2023	8/14/2025	0.54
FNMA 0.625 4/22/2025	3135G03U5	None	4/24/2020	455,000.00	454,062.70	0.625	456,492.40	0.667		4/22/2025	0.25
FNMA 0.625 4/22/2025	3135G03U5	None	4/28/2020	125,000.00	124,763.75	0.625	125,410.00	0.664		4/22/2025	0.07
FNMA 1.875 4/5/2022	3135G0T45	S&P-AA+	3/16/2020	970,000.00	993,619.50	1.875	984,947.70	0.678		4/5/2022	0.54
<b>Sub Total / Average Agencies</b>				<b>17,494,000.00</b>	<b>17,484,698.75</b>	<b>0.652</b>	<b>17,534,115.37</b>	<b>0.636</b>			<b>9.50</b>

**Asset-Backed Security**

Carmax Auto Owner Trust 0.34 12/15/2025-25	14316NAC3	S&P-AAA	1/27/2021	90,000.00	89,982.22	0.340	90,016.46	0.344	2/15/2025	12/15/2025	0.05
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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
Carmax Auto Owner Trust 0.52 2/17/2026-25	14314QAC8	S&P-AAA	4/21/2021	180,000.00	179,961.21	0.520	180,454.10	0.525	3/15/2025	2/17/2026	0.10
Carmax Auto Owner Trust 1.89 12/16/2024	14315XAC2	S&P-AAA	1/22/2020	185,000.00	184,963.70	1.890	188,736.13	1.895		12/16/2024	0.10
Honda Auto Receivables 2020-1 1.61 4/22/2024-23	43813RAC1	None	2/26/2020	305,000.00	304,940.22	1.610	309,968.66	1.615	5/21/2023	4/22/2024	0.17
Honda Auto Receivables 2021-1 A3 0.27 4/21/2025-24	43813GAC5	None	2/24/2021	150,000.00	149,997.26	0.270	150,076.48	0.270	5/21/2024	4/21/2025	0.08
Hyundai Auto Receivables Trust 2021-A A3 0.38 9/15	44933LAC7	S&P-AAA	4/28/2021	120,000.00	119,987.38	0.380	120,175.19	0.382	5/15/2025	9/15/2025	0.07
Toyota Auto Receivables 2020-A A3 1.66 5/15/2024-2	89232HAC9	None	2/12/2020	415,000.00	414,970.04	1.660	420,943.34	1.662	10/15/2023	5/15/2024	0.23
<b>Sub Total / Average Asset-Backed Security</b>				<b>1,445,000.00</b>	<b>1,444,802.03</b>	<b>1.204</b>	<b>1,460,370.36</b>	<b>1.207</b>			<b>0.79</b>
<b>CAMP</b>											
CAMP LGIP	LGIP4000	None	5/31/2011	51,556,000.08	51,556,000.08	0.050	51,556,000.08	0.050	N/A	N/A	28.03
<b>Sub Total / Average CAMP</b>				<b>51,556,000.08</b>	<b>51,556,000.08</b>	<b>0.050</b>	<b>51,556,000.08</b>	<b>0.050</b>			<b>28.03</b>
<b>Cash in Banks</b>											
BNY Cash	LGIPBNY	None	3/31/2019	-244,212.88	-244,212.88	0.000	-244,212.88	0.000	N/A	N/A	-0.13
Union Bank Cash	LGIPUNIONBANK	None	12/31/2016	4,875,858.87	4,875,858.87	0.000	4,875,858.87	0.000	N/A	N/A	2.65
<b>Sub Total / Average Cash in Banks</b>				<b>4,631,645.99</b>	<b>4,631,645.99</b>	<b>0.000</b>	<b>4,631,645.99</b>	<b>0.000</b>			<b>2.52</b>
<b>Certificates of Deposit</b>											
American Expr Centurion 2.45 4/5/2022	02587DN38	None	4/5/2017	247,000.00	247,000.00	2.450	251,803.04	2.450		4/5/2022	0.13
Belmont Savings Bank 2.15 3/22/2022	080515BV0	None	3/20/2017	248,000.00	248,000.00	2.150	252,025.49	2.150		3/22/2022	0.13
BMW Bank 2.15 3/10/2022	05580AGR9	None	3/10/2017	247,000.00	247,000.00	2.150	250,860.83	2.150		3/10/2022	0.13
Credit Suisse 0.59 3/17/2023	22552G3C2	None	3/23/2021	435,000.00	435,000.00	0.590	437,828.50	0.590		3/17/2023	0.24
Discover Bank 2.25 12/29/2021	254672Y36	None	12/29/2016	247,000.00	247,000.00	2.250	250,069.69	2.250		12/29/2021	0.13
DNB Nor Bank ASA 2.04 12/2/2022	23341VZT1	NR	12/6/2019	430,000.00	430,000.00	2.040	441,873.76	2.040		12/2/2022	0.23
Ponce De Leon Federal Bank 1.85 6/1/2021	732333AJ8	None	5/31/2017	249,000.00	249,000.00	1.850	249,012.30	1.850		6/1/2021	0.14
Societe Generale NY 1.8 2/14/2022	83369XDL9	None	2/19/2020	570,000.00	570,000.00	1.800	576,766.64	1.800		2/14/2022	0.31
State Bank of India 2.25 1/26/2022	8562846A7	None	1/26/2017	247,000.00	247,000.00	2.250	250,492.80	2.250		1/26/2022	0.13
Sumitomo Mitsui Bank NY 0.7 7/8/2022	86565CKU2	None	7/14/2020	435,000.00	435,000.00	0.700	437,222.55	0.700		7/8/2022	0.24
Synchrony Bank 2.3 2/24/2022	87165ELT2	None	2/28/2017	247,000.00	247,000.00	2.300	250,976.13	2.300		2/24/2022	0.13

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>Sub Total / Average Certificates of Deposit</b>				<b>3,602,000.00</b>	<b>3,602,000.00</b>	<b>1.742</b>	<b>3,648,931.73</b>	<b>1.742</b>			<b>1.96</b>
<b>Commercial Paper</b>											
LMA AMERICAS 0 10/1/2021	53944QX13	S&P-A1	5/19/2021	535,000.00	534,719.13	0.000	534,719.12	0.140		10/1/2021	0.29
MUFG Bank LTD/NY 0 11/19/2021	62479LYK5	S&P-A1	2/22/2021	1,000,000.00	998,725.00	0.000	999,473.40	0.170		11/19/2021	0.54
<b>Sub Total / Average Commercial Paper</b>				<b>1,535,000.00</b>	<b>1,533,444.13</b>	<b>0.000</b>	<b>1,534,192.52</b>	<b>0.160</b>			<b>0.83</b>
<b>Corporate Issues</b>											
Amazon.com Inc. 2.4 2/22/2023	023135AW6	Fitch-A+	4/15/2019	675,000.00	668,499.75	2.400	698,422.50	2.664		2/22/2023	0.36
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	1,016,920.00	2.406		3/3/2022	0.55
American Honda Finance 1.95 5/10/2023	02665WDH1	None	1/10/2020	415,000.00	414,846.45	1.950	428,437.70	1.962		5/10/2023	0.23
Apple Inc 0.75 5/11/2023	037833DV9	S&P-AA+	5/11/2020	325,000.00	324,116.00	0.750	328,376.75	0.842		5/11/2023	0.18
Bank of America Corp 4.1 7/24/2023	06053FAA7	Fitch-A	3/22/2019	500,000.00	520,405.00	4.100	540,095.00	3.087		7/24/2023	0.28
BB&T Corporation 3.05 6/20/2022-22	05531FBG7	Fitch-A+	3/22/2019	525,000.00	525,714.00	3.050	539,526.75	3.006	5/20/2022	6/20/2022	0.29
Bristol-Myers Squibb Co 3.875 8/15/2025-25	110122DC9	S&P-A+	9/30/2020	177,000.00	202,254.36	3.875	198,558.60	0.879	5/15/2025	8/15/2025	0.11
Citigroup Inc 0.981 5/1/2025-24	172967MX6	None	5/4/2021	145,000.00	145,384.25	0.981	145,896.10	0.913	5/1/2024	5/1/2025	0.08
Citigroup Inc 0.981 5/1/2025-24	172967MX6	None	5/4/2021	135,000.00	135,000.00	0.981	135,834.30	0.981	5/1/2024	5/1/2025	0.07
Exxon Mobil Corporation 2.726 3/1/2023	30231GAR3	Moody's-Aaa	6/14/2019	985,000.00	1,001,400.25	2.726	1,024,646.25	2.256		3/1/2023	0.54
Goldman Sachs Group Inc 3.75 5/22/2025-25	38148LAE6	S&P-BBB+	2/17/2021	380,000.00	424,528.40	3.750	417,939.20	0.940	2/22/2025	5/22/2025	0.23
JP Morgan Chase & Co 0.653 9/16/2024-23	46647PBS4	None	9/16/2020	110,000.00	110,000.00	0.653	110,343.20	0.653	9/16/2023	9/16/2024	0.06
JP Morgan Chase & Co 2.7 5/18/2023-23	46625HRL6	Fitch-A+	3/22/2019	525,000.00	517,970.25	2.700	547,842.75	3.045	3/18/2023	5/18/2023	0.28
Morgan Stanley 0.731 4/5/2024-23	61772BAA1	None	4/22/2021	205,000.00	205,258.30	0.731	205,762.60	0.688	4/5/2023	4/5/2024	0.11
Morgan Stanley 0.731 4/5/2024-23	61772BAA1	None	4/22/2021	70,000.00	70,000.00	0.731	70,260.40	0.731	4/5/2023	4/5/2024	0.04
Paccar Financial Corp 2.65 5/10/2022	69371RP83	None	5/10/2019	580,000.00	579,686.80	2.650	593,746.00	2.669		5/10/2022	0.32
Toyota Motor Credit Corp 1.8 2/13/2025	89236TGT6	S&P-AA-	5/26/2020	250,000.00	252,442.50	1.800	259,767.50	1.584		2/13/2025	0.14
Toyota Motor Credit Corp 1.8 2/13/2025	89236TGT6	S&P-AA-	5/26/2020	180,000.00	181,758.60	1.800	187,032.60	1.584		2/13/2025	0.10
Wal-Mart Stores Inc 2.55 4/11/2023-23	931142DH3	S&P-AA	5/26/2020	965,000.00	1,015,701.10	2.550	1,002,499.90	0.701	1/11/2023	4/11/2023	0.55

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>Sub Total / Average Corporate Issues</b>				<b>8,147,000.00</b>	<b>8,308,245.68</b>	<b>2.538</b>	<b>8,451,908.10</b>	<b>1.972</b>			<b>4.52</b>
<b>LAIF</b>											
LAIF LGIP	LGIP1002	None	4/30/2011	72,193,921.99	72,193,921.99	0.315	72,193,921.99	0.315	N/A	N/A	39.24
<b>Sub Total / Average LAIF</b>				<b>72,193,921.99</b>	<b>72,193,921.99</b>	<b>0.315</b>	<b>72,193,921.99</b>	<b>0.315</b>			<b>39.24</b>
<b>Municipal</b>											
City of Riverside CA 2.125 6/1/2021	769036BA1	S&P-AA-	6/1/2017	500,000.00	500,000.00	2.125	500,000.00	2.125		6/1/2021	0.27
State of California 2.152 4/1/2022	13063DAD0	Moodys-Aa3	4/27/2017	1,000,000.00	1,010,000.00	2.152	1,018,760.00	1.938		4/1/2022	0.55
Victor Valley College General Obligation Bond 2.35	92603PER9	Moodys-Aa2	12/28/2016	500,000.00	490,150.00	2.350	501,385.00	2.811		8/1/2021	0.27
<b>Sub Total / Average Municipal</b>				<b>2,000,000.00</b>	<b>2,000,150.00</b>	<b>2.194</b>	<b>2,020,145.00</b>	<b>2.199</b>			<b>1.09</b>
<b>Treasury</b>											
T-Note 0.25 5/31/2025	912828ZT0	S&P-AA+	5/17/2021	1,020,000.00	1,005,576.56	0.250	1,007,331.60	0.605		5/31/2025	0.55
T-Note 0.375 12/31/2025	91282CBC4	S&P-AA+	1/25/2021	755,000.00	752,847.07	0.375	743,675.00	0.434		12/31/2025	0.41
T-Note 0.375 12/31/2025	91282CBC4	S&P-AA+	4/7/2021	535,000.00	522,314.65	0.375	526,975.00	0.888		12/31/2025	0.28
T-Note 0.375 12/31/2025	91282CBC4	S&P-AA+	5/3/2021	137,000.00	134,629.26	0.375	134,945.00	0.753		12/31/2025	0.07
T-Note 0.375 12/31/2025	91282CBC4	S&P-AA+	5/7/2021	600,000.00	590,343.75	0.375	591,000.00	0.728		12/31/2025	0.32
T-Note 0.5 2/28/2026	91282CBQ3	S&P-AA+	3/5/2021	1,260,000.00	1,242,970.31	0.500	1,245,535.20	0.777		2/28/2026	0.68
T-Note 0.75 4/30/2026	912828CBW0	S&P-AA+	5/28/2021	245,000.00	244,387.50	0.750	244,637.40	0.802		4/30/2026	0.13
T-Note 1.25 7/31/2023	912828S92	Fitch-AAA	4/2/2019	1,035,000.00	990,365.62	1.250	1,059,177.60	2.302		7/31/2023	0.54
T-Note 1.375 6/30/2023	912828S35	Fitch-AAA	3/20/2019	1,385,000.00	1,325,867.00	1.375	1,419,846.60	2.431		6/30/2023	0.72
T-Note 1.375 9/30/2023	912828T26	Fitch-AAA	3/20/2019	1,545,000.00	1,475,112.89	1.375	1,587,487.50	2.436		9/30/2023	0.80
T-Note 1.5 10/31/2024	912828YM6	S&P-AA+	1/12/2021	1,005,000.00	1,049,479.10	1.500	1,041,984.00	0.327		10/31/2024	0.57
T-Note 1.5 3/31/2023	912828Q29	Fitch-AAA	3/20/2019	175,000.00	168,799.81	1.500	179,354.00	2.428		3/31/2023	0.09
T-Note 1.75 11/30/2021	912828U65	S&P-AA+	6/16/2020	550,000.00	562,396.49	1.750	554,642.00	0.199		11/30/2021	0.31
T-Note 1.75 7/15/2022	9128287C8	Fitch-AAA	7/31/2019	1,000,000.00	998,789.06	1.750	1,018,590.00	1.792		7/15/2022	0.54
T-Note 1.75 9/30/2022	912828L57	Fitch-AAA	3/20/2019	835,000.00	816,016.80	1.750	853,269.80	2.426		9/30/2022	0.44
T-Note 1.875 2/28/2022	912828W55	Fitch-AAA	4/2/2019	485,000.00	479,259.57	1.875	491,591.15	2.298		2/28/2022	0.26
T-Note 2 4/30/2024	912828X70	Fitch-AAA	6/7/2019	590,000.00	592,996.09	2.000	619,222.70	1.891		4/30/2024	0.32
T-Note 2 6/30/2024	912828XX3	Fitch-AAA	7/3/2019	470,000.00	474,846.88	2.000	494,049.90	1.783		6/30/2024	0.26
T-Note 2.125 12/31/2022	912828N30	Fitch-AAA	3/20/2019	1,170,000.00	1,157,340.24	2.125	1,206,878.40	2.426		12/31/2022	0.63
T-Note 2.125 2/29/2024	912828W48	Fitch-AAA	3/20/2019	2,000,000.00	1,970,625.00	2.125	2,102,180.00	2.442		2/29/2024	1.07
T-Note 2.125 3/31/2024	912828W71	S&P-AA+	3/2/2020	730,000.00	767,412.50	2.125	768,157.10	0.844		3/31/2024	0.42
T-Note 2.125 6/30/2022	912828XG0	Fitch-AAA	3/20/2019	710,000.00	703,454.69	2.125	725,584.50	2.418		6/30/2022	0.38
T-Note 2.25 12/31/2023	912828V23	Fitch-AAA	3/20/2019	2,000,000.00	1,982,968.75	2.250	2,103,980.00	2.439		12/31/2023	1.08
T-Note 2.625 1/31/2026	9128286A3	S&P-AA+	2/4/2021	715,000.00	791,164.26	2.625	777,448.10	0.463		1/31/2026	0.43

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 2.75 8/15/2021	9128284W7	Fitch-AAA	10/28/2019	400,000.00	407,562.50	2.750	402,260.00	1.678		8/15/2021	0.22
<b>Sub Total / Average Treasury</b>				<b>21,352,000.00</b>	<b>21,207,526.35</b>	<b>1.573</b>	<b>21,899,802.55</b>	<b>1.685</b>			<b>11.53</b>
<b>Total / Average</b>				<b>183,956,568.06</b>	<b>183,962,435.00</b>	<b>0.563</b>	<b>184,931,033.69</b>	<b>0.550</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 utilized per USD Investment Policy and at the discretion of investment portfolio advisor.

Reviewer:

Approver:

Union Sanitary District  
Transactions Summary  
Board Report - Activity  
Group By: Action  
Portfolio / Report Group: All Portfolios  
Begin Date: 04/30/2021, End Date: 05/31/2021

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
<b>Buy</b>								
Citigroup Inc 0.981 5/1/2025-24	172967MX6	135,000.00	135,000.00	0.00	0.981	0.981	5/4/2021	135,000.00
Citigroup Inc 0.981 5/1/2025-24	172967MX6	145,000.00	145,384.25	0.00	0.981	0.913	5/4/2021	145,384.25
LMA AMERICAS 0 10/1/2021	53944QX13	535,000.00	534,719.13	0.00	0.000	0.140	5/19/2021	534,719.13
T-Note 0.25 5/31/2025	912828ZT0	1,020,000.00	1,005,576.56	1,176.92	0.250	0.605	5/17/2021	1,006,753.48
T-Note 0.375 12/31/2025	91282CBC4	600,000.00	590,343.75	789.36	0.375	0.728	5/7/2021	591,133.11
T-Note 0.375 12/31/2025	91282CBC4	137,000.00	134,629.26	174.56	0.375	0.753	5/3/2021	134,803.82
T-Note 0.75 4/30/2026	912828CBW0	245,000.00	244,387.50	139.81	0.750	0.802	5/28/2021	244,527.31
<b>Sub Total / Average Buy</b>		<b>2,817,000.00</b>	<b>2,790,040.45</b>	<b>2,280.65</b>				<b>2,792,321.10</b>
<b>Deposit</b>								
CAMP LGIP	LGIP4000	2,476.71	2,476.71	0.00	N/A	0.000	5/28/2021	2,476.71
Union Bank Cash	LGIPUNIONBANK	4,875,858.87	4,875,858.87	0.00	N/A	0.000	5/28/2021	4,875,858.87
<b>Sub Total / Average Deposit</b>		<b>4,878,335.58</b>	<b>4,878,335.58</b>	<b>0.00</b>				<b>4,878,335.58</b>
<b>Interest</b>								
American Honda Finance 1.95 5/10/2023	02665WDH1	0.00	0.00	4,046.25	1.950	0.000	5/10/2021	4,046.25
Apple Inc 0.75 5/11/2023	037833DV9	0.00	0.00	1,218.75	0.750	0.000	5/11/2021	1,218.75
CAMP LGIP	LGIP4000	0.00	0.00	2,476.71	N/A	0.000	5/28/2021	2,476.71
Carmax Auto Owner Trust 0.34 12/15/2025-25	14316NAC3	0.00	0.00	25.50	0.340	0.000	5/17/2021	25.50
Carmax Auto Owner Trust 0.52 2/17/2026-25	14314QAC8	0.00	0.00	62.40	0.520	0.000	5/17/2021	62.40
Carmax Auto Owner Trust 1.89 12/16/2024	14315XAC2	0.00	0.00	291.38	1.890	0.000	5/17/2021	291.38
Chevron Corp 2.1 5/16/2021	166764BG4	0.00	0.00	10,500.00	2.100	0.000	5/16/2021	10,500.00
FHLMC 0.375 5/5/2023	3137EAER6	0.00	0.00	412.50	0.375	0.000	5/5/2021	412.50
FNMA 0.25 5/22/2023	3135G04Q3	0.00	0.00	1,081.25	0.250	0.000	5/24/2021	1,081.25
FNMA 0.5 11/7/2025	3135G06G3	0.00	0.00	1,263.89	0.500	0.000	5/7/2021	1,263.89
Goldman Sachs Group Inc 3.75 5/22/2025-25	38148LAE6	0.00	0.00	7,125.00	3.750	0.000	5/24/2021	7,125.00
Honda Auto Receivables 2020-1 1.61 4/22/2024-23	43813RAC1	0.00	0.00	409.21	1.610	0.000	5/21/2021	409.21
Honda Auto Receivables 2021-1 A3 0.27 4/21/2025-24	43813GAC5	0.00	0.00	33.75	0.270	0.000	5/21/2021	33.75
Hyundai Auto Receivables Trust 2021-A A3 0.38 9/15	44933LAC7	0.00	0.00	21.53	0.380	0.000	5/17/2021	21.53
JP Morgan Chase & Co 2.7 5/18/2023-23	46625HRL6	0.00	0.00	7,087.50	2.700	0.000	5/18/2021	7,087.50
Paccar Financial Corp 2.65 5/10/2022	69371RP83	0.00	0.00	7,685.00	2.650	0.000	5/10/2021	7,685.00

Description	CUSIP/Ticker	Face Amount/Shares	Principal	Interest/Dividends	Coupon Rate	YTM @ Cost	Settlement Date	Total
Ponce De Leon Federal Bank 1.85 6/1/2021	732333AJ8	0.00	0.00	353.38	1.850	0.000	5/28/2021	353.38
State Street Corp 1.95 5/19/2021	857477AV5	0.00	0.00	5,167.50	1.950	0.000	5/19/2021	5,167.50
Toyota Auto Receivables 2020-A A3 1.66 5/15/2024-2	89232HAC9	0.00	0.00	574.08	1.660	0.000	5/17/2021	574.08
<b>Sub Total / Average Interest</b>		<b>0.00</b>	<b>0.00</b>	<b>49,835.58</b>				<b>49,835.58</b>
<b>Matured</b>								
Chevron Corp 2.1 5/16/2021	166764BG4	1,000,000.00	1,000,000.00	0.00	2.100	0.000	5/16/2021	1,000,000.00
State Street Corp 1.95 5/19/2021	857477AV5	530,000.00	530,000.00	0.00	1.950	0.000	5/19/2021	530,000.00
<b>Sub Total / Average Matured</b>		<b>1,530,000.00</b>	<b>1,530,000.00</b>	<b>0.00</b>				<b>1,530,000.00</b>
<b>Sell</b>								
FHLMC 0.25 12/4/2023	3137EAF2	145,000.00	144,873.85	151.04	0.250	0.000	5/4/2021	145,024.89
FHLMC 0.25 12/4/2023	3137EAF2	135,000.00	134,863.65	139.69	0.250	0.000	5/3/2021	135,003.34
T-Bill 0 6/17/2021	9127963H0	80,000.00	79,999.77	0.00	0.000	0.000	5/7/2021	79,999.77
T-Note 2.75 8/15/2021	9128284W7	510,000.00	513,884.77	3,138.19	2.750	0.000	5/7/2021	517,022.96
T-Note 2.75 8/15/2021	9128284W7	135,000.00	136,059.96	799.93	2.750	0.000	5/4/2021	136,859.89
<b>Sub Total / Average Sell</b>		<b>1,005,000.00</b>	<b>1,009,682.00</b>	<b>4,228.85</b>				<b>1,013,910.85</b>
<b>Withdraw</b>								
BNY Cash	LGIPBNY	244,212.88	244,212.88	0.00	N/A	0.000	5/28/2021	244,212.88
CAMP LGIP	LGIP4000	4,000,000.00	4,000,000.00	0.00	N/A	0.000	5/20/2021	4,000,000.00
Union Bank Cash	LGIPUNIONBANK	5,271,227.15	5,271,227.15	0.00	N/A	0.000	5/27/2021	5,271,227.15
<b>Sub Total / Average Withdraw</b>		<b>9,515,440.03</b>	<b>9,515,440.03</b>	<b>0.00</b>				<b>9,515,440.03</b>

<p><b>MONTHLY OPERATIONS REPORT FOR THE MONTH MAY 2021</b></p> <p><b>TECHNICAL SUPPORT WORK GROUP SUMMARY</b></p>
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**Capital Improvement Program**

**Aeration Blower No. 11 Project** – Contract Change Order No. 1 for the building ventilation system modifications was executed on May 11<sup>th</sup> and the contractor prepared new submittals associated with it.

**Alvarado Influent Pump Station Improvements Project** – Contractor performed startup testing of new pump, VFD, and electrical switchboard. Replacement of roof membrane and removal of coating from the wet well side of the building continued.

**Centrifuge Building Improvements Project** - Submittals were reviewed. Sludge conveyors are expected to be delivered early August.

**FY21 Cast Iron/Pipe Lining Project** - All pipe liners have been installed. Project closeout work has begun.

**Headworks Screens Replacement Project** –Replacement of the 3/8” racks and rakes with 1/4” racks and rakes on Mechanical Screen No. 3 is expected to take place in July.

**Primary Digester No. 2 Rehabilitation Project** – Contractor worked on project close-out activities.

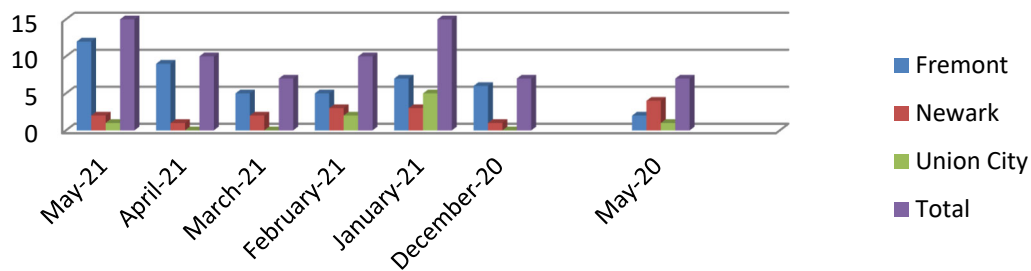
**Primary Digester No. 7 Project** – Installation of draft tubes, gas lances and interior piping in Digester No. 7 has been completed. Installation of exterior piping, valves and handrailing were underway. Digester leak test is scheduled in June.

**Wet Weather Flow Management – Calcium Thiosulfate Chemical Feed System** - Fabrication of overhead utility crossing structure were in progress offsite. Chemical pump control panel re-submittal and chemical pump procurement were in progress.

## Customer Service

Trouble Calls dispatched from the Front Desk during business hours:

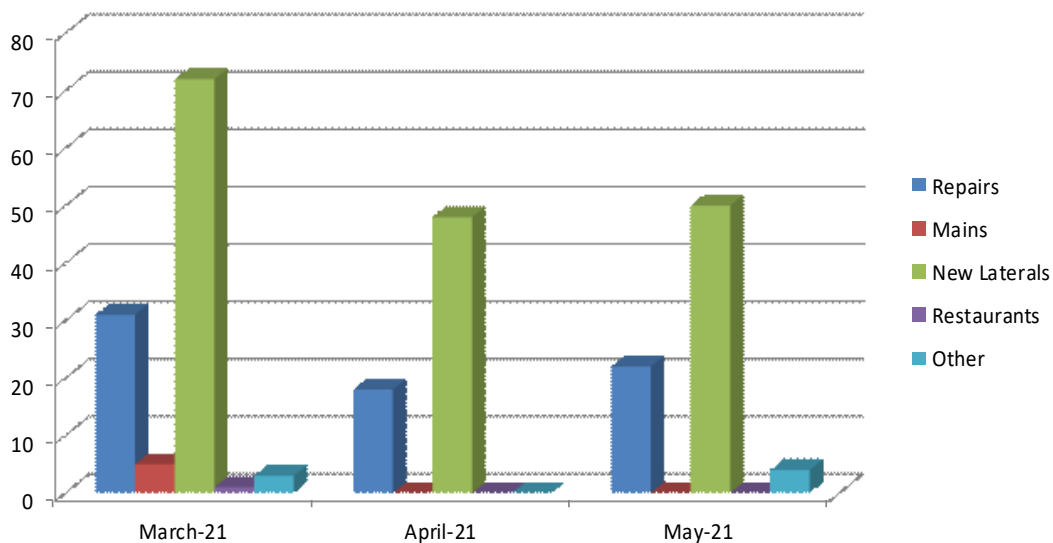
Month	Fremont	Newark	Union City	Total
May-21	12	2	1	15
April-21	9	1	0	10
March-21	5	2	0	7
February-21	5	3	2	10
January-21	7	3	5	15
December-20	6	1	0	7
May-20	2	4	1	7
6-Month Total				64



## Sewer Permits Issued

Month	Repairs	Mains	New Laterals	Restaurants	Other
May-21	22	0	50	0	4
April-21	18	0	48	0	0
March-21	31	5	72	1	3

New Laterals - New residential lateral connections  
Other - Non-residential construction (except restaurants)



## **Communication**

- Social Media Posts
  - Keep garden chemicals out of drains
  - What Is That? Combo Unit
  - Certificates of Merit Award Winners
  - Memorial Day Holiday office closure
- Union City Chamber of Commerce Board of Directors meetings

## **Environmental Compliance**

### **Pollution Prevention/Stormwater Programs**

USD's Environmental Compliance (EC) team conducts pollution prevention inspections at restaurants, car wash businesses, and other commercial facilities. EC also conducts inspections and enforcement for the City of Fremont's Environmental Services group. Over 600 Stormwater compliance inspections are conducted every year to ensure that commercial facilities, including restaurants and auto shops, comply with City Ordinance requirements, and do not discharge pollutants to the creeks and bay.

During the past month, the EC team conducted 80 Stormwater (Urban Runoff), and 36 FOG (restaurant) inspections. During this reporting period, Inspectors identified 19 Stormwater and 9 FOG enforcement actions. Eleven (11) of the Stormwater enforcements resulted in administrative fines ranging from \$100 to \$750 for each violation. There were no administrative fines issued for illicit discharge violations.

### **Urban Runoff (UR) Inspections and Enforcements**

May 2021	Number of UR Inspection	VW	WL	NOV	AF	LA	NOD	Total Enforcements	No. of Illicit Discharge/s	
									% Enforcement	
	80	3	0	5	11	0	0	19		0
									24%	

### **Fats, Oils, and Grease (FOG) Inspections and Enforcements**

May 2021	Number of FOG Inspections	VW	WL	NOV	AF	LA	NOD	Total Enforcements	% Enforcement	
	36	7	0	0	0	0	2	9		25%

### *Enforcements*

VW – Verbal Warning, WL – Warning Letter, NOV – Notices of Violation

AF – Administrative Fine, LA – Legal Action, NOD – Notice of Deficiency

AO – Administrative Order, C&D – Cease & Desist Order, SNC – Significant Non-Compliance

### **Dental Inspections, School Outreach, and Plant Tours**

# of Dental Inspections	# of School Outreach Events	# of Plant Tours
None	None	None

## **Industrial Pretreatment**

The Industrial Pretreatment program has pending permits as shown in the table below. USD inspectors are working with each of these companies to establish permitted industrial discharges.

### **Pending Permits**

<b>New Industrial/Groundwater Permits</b>	<b>Groundwater/Temporary</b>
Facebook Commissary	
Membrane Technology Research	
Bionova	
Sonova	
Estuary LLC	
Tenaya Therapeutics, Inc.	

### **Permits Issued**

<b>Company Name</b>	<b>Date Permit Issued</b>
McGuire & Hester (USD Forcemain Relocation, A4 NE Site) – GW-0118	5/21/21

### **Industrial Permit Closures**

<b>Company Name</b>	<b>Date of Closure</b>
None	

### **Reports (Annual & Semi-Annual Pretreatment Report, Union City Report, etc.)**

<b>Report Name</b>	<b>Date Report Completed and Submitted</b>
None	

### **Enforcement Action**

<b>Industrial User Name &amp; Nature of Business</b>	<b>Comments</b>	<b>City</b>	<b>Parameter Violated</b>	<b>Discharge concentration (mg/L)</b>	<b>USD/Fed Limit Violated(mg/L)</b>	<b>Enforcement</b>
Quality Transport, Inc./Truck-Rail Handling, Inc.	N21-005	Fremont	Total Toxic Organics	5.95	2.13	NOV
Tesla-47700 Kato Rd.	N21-006	Fremont	Zinc	6.5	3.0	NOV

*A/V- Animal/Vegetable, TTL- Total, O&G- Oil & Grease*

*(1) WL – Warning Letter,*

*C&D – Cease and Desist Order,*

*NOV – Notices of Violation,*

*SNC – Significant Non-Compliance,*

*AO – Administrative Order*

*EM – Enforcement Meeting*

**Other - Training, Special Meetings, Conferences, IAC (topics)**

Activity	Date of Event	Organization & Attendees
Alameda County Clean Water Program Stormwater Inspector Zoom Workshop	May 18, 2021	Michael Dunning, Edda Marasigan, Doug Dattawalker, Joseph Mendoza, Jose Soto, Victor Padilla, Marian Gonzalez, Aaron Robles Alex Paredes, Mike Lothian
California Water Environment Association Webinar: Implementing Food Waste Co-digestion at Wastewater Treatment Plants: Planning and Operations PART 2	5/4/2021	Marian Gonzalez
National Association of Clean Water Agencies: National Pretreatment Conference: Online	5/17/21-5/20/21	Alex Paredes

**Engineering/Construction**No. of projects under construction: **11**

	Construction Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for May 2021 Activities
1.	Aeration Blower No. 11 Project - Derek	\$1,652	10/21	25%	66%	Contractor prepared submittals associated with Contract Change Order No. 1 for the building ventilation system modifications.
2.	Alvarado Influent Pump Station Improvements Project – Thomas	\$8,890	10/21	50%	79%	Contractor performed startup testing of new pump, VFD, and electrical switchboard; Replacement of roof membrane and continued removal of coating from the wet well side of the building.
3.	Cathodic Protection System Improvements Project - Thomas	\$483	1/22	0%	0%	Bonds and insurance were under review
4.	Centrifuge Building Improvements Project – Somporn	\$688	10/21	25%	50%	Submittals were received and reviewed. Conveyor delivery is expected early August.
5.	Emergency Outfall Improvements Project – Andrew	\$1,399	1/22	0%	0%	Construction contract was awarded at the May 10 <sup>th</sup> Board Meeting. Pre-construction meeting held on May 26 <sup>th</sup> . Bonds and insurance were under review.
6.	FY21 Cast Iron/Pipe Lining Project – Andrew	\$307	5/21	100%	100%	All pipe liners were installed. Project closeout has begun.
7.	FY21 Gravity Sewer Rehabilitation/Replacem ent Project – Phase VII	\$595	10/21	0%	0%	Pre-construction meeting held on May 19 <sup>th</sup> . Bonds and insurance were under review.

	Construction Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for May 2021 Activities
8.	Headworks Screens Replacement Project – Thomas	\$1,822	7/21	98%	93%	Replacement of the 3/8" racks and rakes with 1/4" racks and rakes on Mechanical Screen No. 3 is expected to take place in July.
9.	Primary Digester No. 2 Rehabilitation Project – Derek	\$3,058	10/20	100%	100%	Close-out activities were in progress.
10.	Primary Digester No. 7 Project – Curtis	\$23,460	12/21	83%	77%	Installation of draft tubes, gas lances and interior piping in Digester No. 7 has been completed. Installation of exterior piping, valves and handrailing were underway.
11.	Wet Weather Flow Management – Calcium Thiosulfate Chemical Feed System – Kevin/Blake	\$624	06/21	23%	91%	Fabrication of overhead utility crossing was in progress. Chemical Pump Control Panel re-submittal and Pump procurement were in progress.

### Design/Study

No. of projects in design/study phase: 10

	Design/Study Projects	Capital (\$1000)	Scheduled Completion	Completed Scope	Completed Time	Comments for May 2021 Activities
1.	Cherry Street Pump Station Improvements Project – Derek	\$72	06/21	90%	88%	90% design submittal was under review.
2.	Force Main Condition Assessment – Andrew	\$121	10/22	60%	81%	Pipe testing planned to take place during Force Main Relocation Project.
3.	Force Main Corrosion Repairs Project Phase 3 – Andrew	\$60	12/21	75%	80%	Project construction is pending the completion of Force Main relocation project.
4.	Irvington Basin Masterplan Update - Andrew	\$378	11/21	75%	71%	Continued hydraulic model calibration, and transport system pollutant travel time analysis.
5.	Irvington Basin Reinforced Concrete Pipe Rehabilitation Project - Andrew	\$271	10/21	18%	34%	50% design submittal and bypass design were in progress.
6.	Odor Control Alternatives Study – Kevin	\$465	12/20	99%	100%	Report will be finalized after the pilot testing project is completed.
7.	Odor Control Pilot Study - Somporn	\$99	12/21	90%	100%	Technical analysis completed. Workshop scheduled for June 2 <sup>nd</sup> .

	<b>Design/Study Projects</b>	<b>Capital (\$1000)</b>	<b>Scheduled Completion</b>	<b>Completed Scope</b>	<b>Completed Time</b>	<b>Comments for May 2021 Activities</b>
8.	Pump Stations Chemical System Improvements Project - Thomas	\$738	10/21	30%	43%	50% design submittal was in progress.
9.	Standby Power Generation System Upgrade Project – Kevin	\$2,281	01/21	86%	86%	Several design revisions and Generator equipment re-submittal were in progress.
10.	WAS Thickener Replacement Project – Derek	\$807	06/21	90%	100%	90% design submittal received on May 26 <sup>th</sup> .

## COLLECTION SERVICES ACTIVITIES REPORT MAY 2021

### Progress/Accomplishments




- 1 SSO (Category 3) in May
- Completed 14.27 miles of sewer main cleaning in May
- Completed 9.65 miles of sewer main inspection in May
- Responded to 17 service request calls in May
- Completed a total of 10 sewer main repairs in May

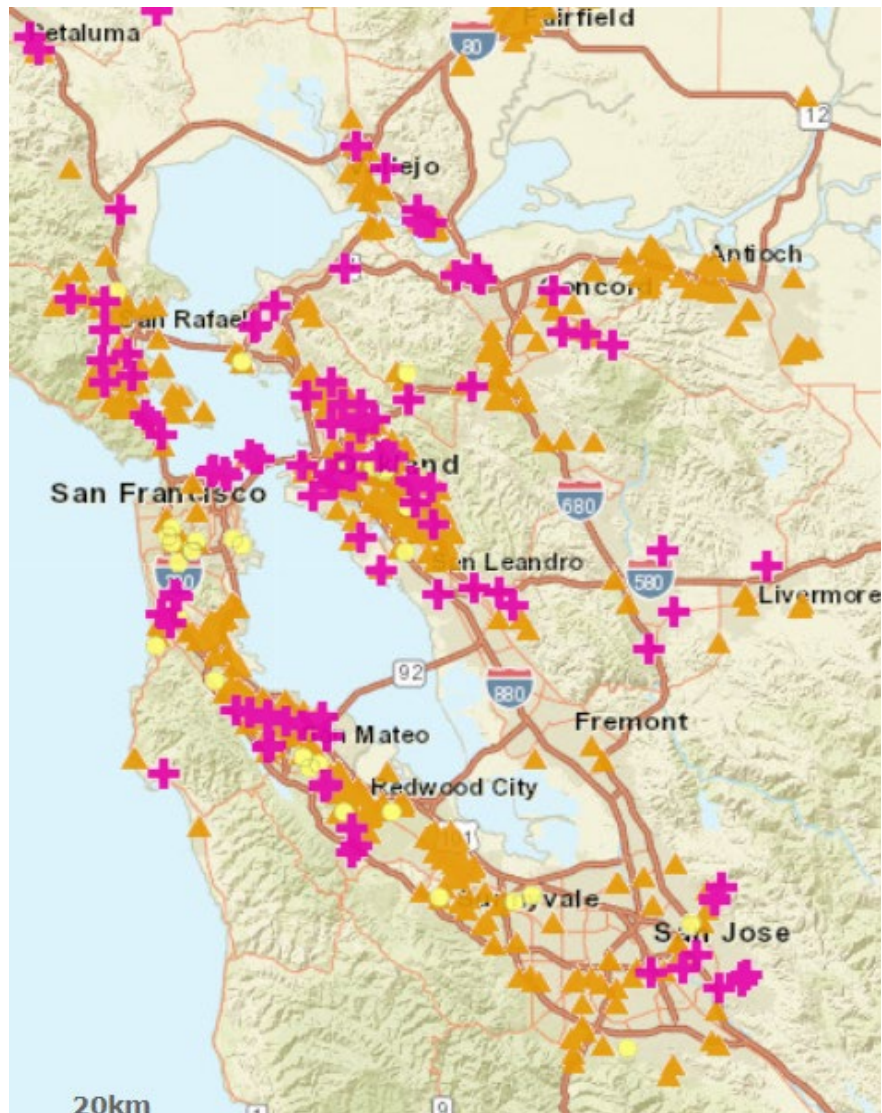
### Trainings/Significant Events

- Respirator Fit Test

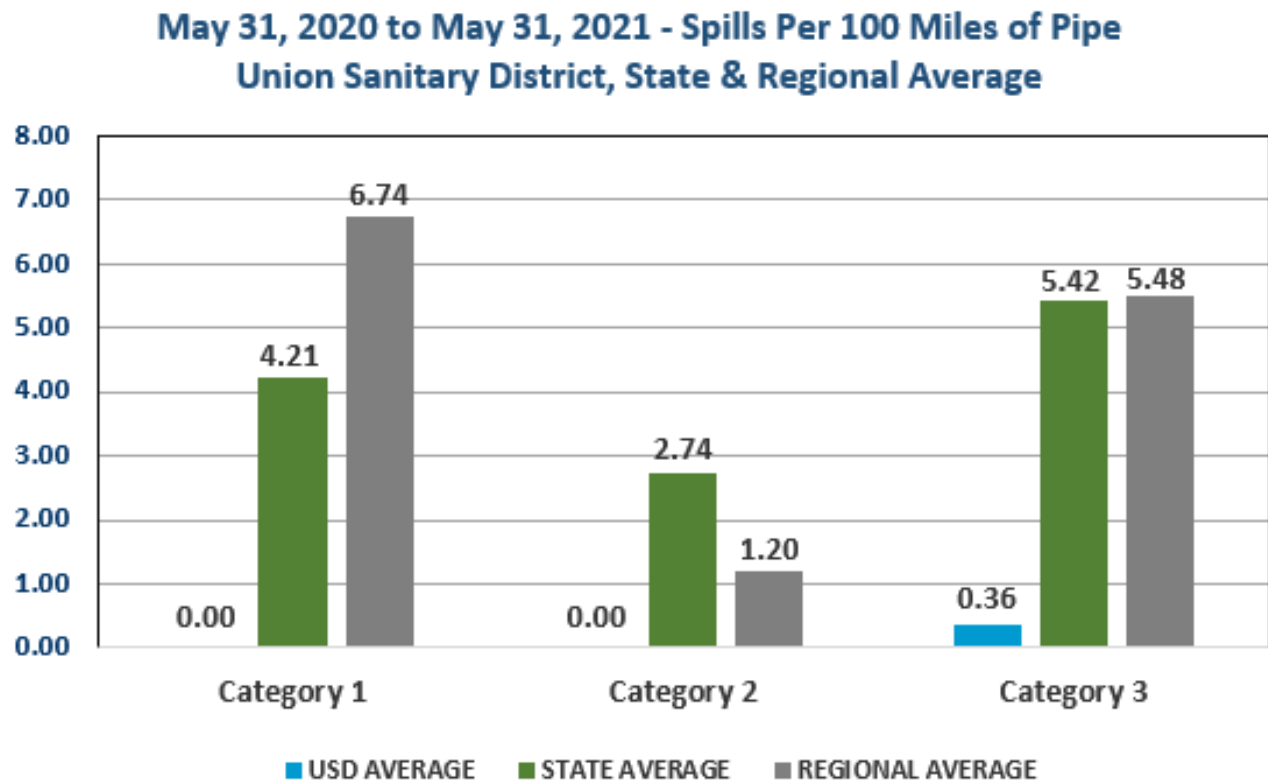
### Reported Bay Area Spills May 31, 2020 to May 31, 2021

#### MAP LEGEND

	<b>Category 1</b> = Any SSO to surface water or drainage channel regardless of size
	<b>Category 2</b> = $\geq 1,000$ gallons that do not reach surface water or drainage channel
	<b>Category 3</b> = $< 1,000$ gallons that do not reach surface water or drainage channel



## May 31, 2020 to May 31, 2021 Spills Per 100 Miles of Pipe Union Sanitary District, State & Regional Average



### Spill Rate Statistics - May 31, 2020 to May 31, 2021

#### Spills per 100 Miles of Pipe

	Category 1	Category 2	Category 3
<b>USD AVERAGE</b>	<b>0.00</b>	<b>0.00</b>	<b>0.36</b>
<b>STATE AVERAGE</b>	<b>4.21</b>	<b>2.74</b>	<b>5.42</b>
<b>REGIONAL AVERAGE</b>	<b>6.74</b>	<b>1.20</b>	<b>5.48</b>

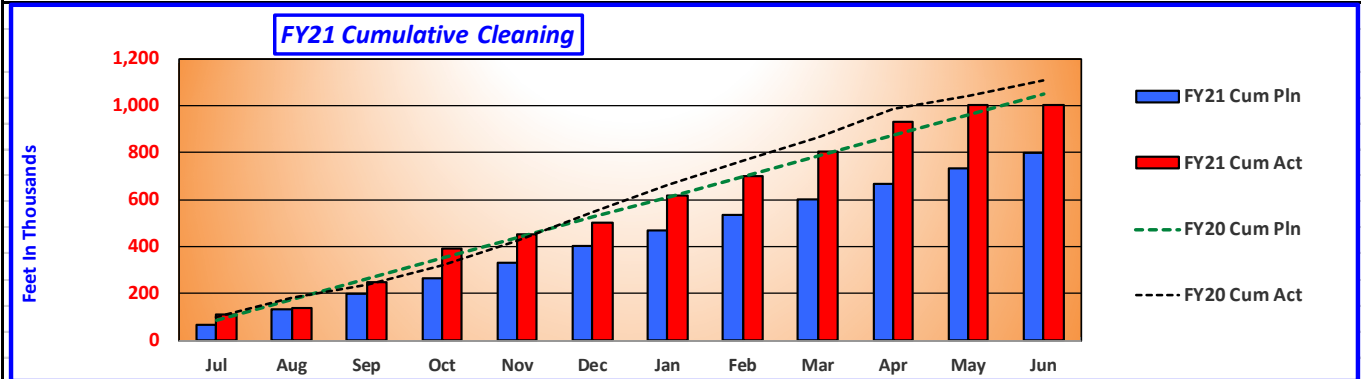
*Category 1 - 1,000 gallons or more. Discharges to surface water, not fully captured*

*Category 2 - 1,000 gallons or more. Does not reach surface waters, not fully captured*

*Category 3 - 1,000 gallons or less, does not reach surface waters, full captured*

## Performance Measures

### FY21 PLAN

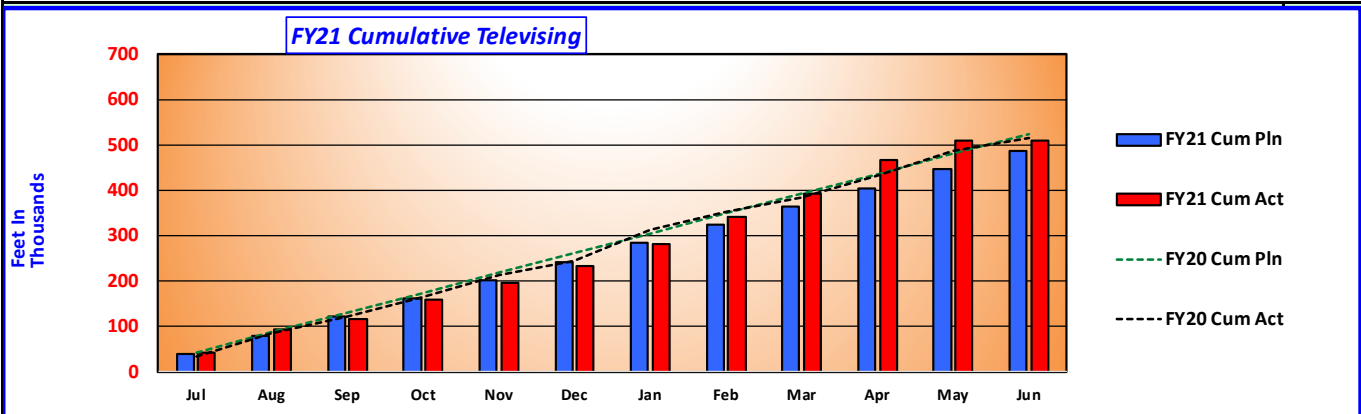


#### Cleaning Actual Footages/Costs

**May-21 Clean Cost/Ft = \$1.49**

Description	FY21 Q1 Footage	FY21 Q2 Footage	FY21 Q3 Footage	Apr-21 Footages	May-21 Footages	FY21 YTD Footage	FY20 Footage	FY21 YE Goal	% Cmpl to Plan
84 Month Hydro-Jet Clean	146,210	98,368	178,341	79,182	15,256	517,357	601,992	516,751	100.1%
Selective Line Cleaning	40,442	40,504	64,890	15,635	23,316	184,787	193,383	125,737	147.0%
Special Condition Clean (NIC in Total)	4,454	9,386	4,099	1,673	848	20,460	14,274	23,315	87.8%
Root Control/Chemical Cln	65,017	105,954	60,126	31,801	35,926	298,824	294,525	274,707	108.8%
Cast Iron Project	0	4,306	361	0	0	4,667	3,014	3,839	121.6%
Other Special Projects (NIC in Total)	0	0	0	0	0	0	0	0	0.0%
Spills/Stoppages (NIC in Total)	1,348	270	765	430	PLNT EQP	2,813	0	0	0.0%
<b>Totals</b>	<b>251,669</b>	<b>249,132</b>	<b>303,718</b>	<b>126,618</b>	<b>74,498</b>	<b>1,005,635</b>	<b>1,107,188</b>	<b>921,034</b>	<b>109.2%</b>

### FY21 PLAN



#### Televising Actual Footages/Costs

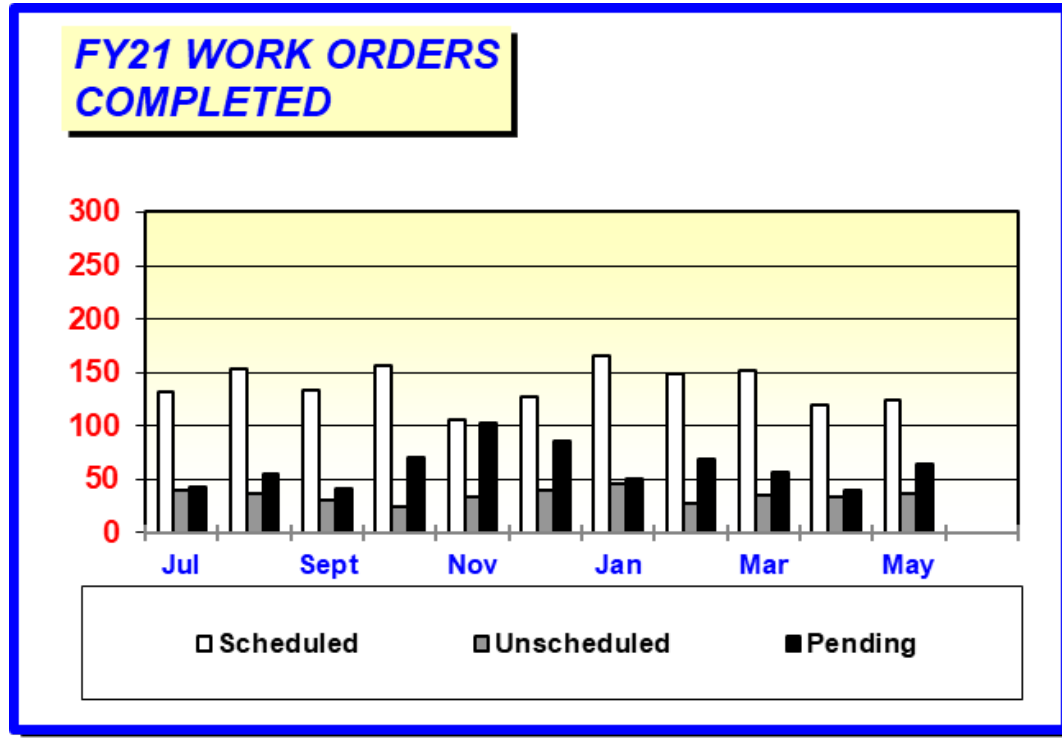
**May-21 TV Cost/Ft = \$2.24**

Description	FY21 Q1 Footage	FY21 Q2 Footage	FY21 Q3 Footage	Apr-21 Footages	May-21 Footages	FY21 YTD Footage	FY20 Footage	FY21 YE Goal	% Cmpl to Plan
84 Month TV Inspection	95,130	103,184	154,563	72,651	43,217	468,745	437,518	444,728	105.4%
84 Month Manhole Inspection Count	0	0	333	160	381	874	-	-	-
Visual/Condition, Pre/Post Cnst TV (NIC in total)	836	0	219	0	398	1,453	11,988	20,320	7.2%
Visual Manhole Inspection Count	87	61	101	47	0	296	-	-	-
New Development, CIP, Misc. (NIC in total)	5,100	4,317	15,301	514	7,347	32,579	25,504	36,120	90.2%
QA/QC Line Condition	0	11,800	7,401	0	0	19,201	27,829	18,861	101.8%
QA/QC Root Control	20,797	1,473	0	0	0	22,270	13,830	23,219	95.9%
<b>Totals</b>	<b>115,927</b>	<b>116,457</b>	<b>161,964</b>	<b>72,651</b>	<b>43,217</b>	<b>510,216</b>	<b>516,669</b>	<b>486,808</b>	<b>104.8%</b>

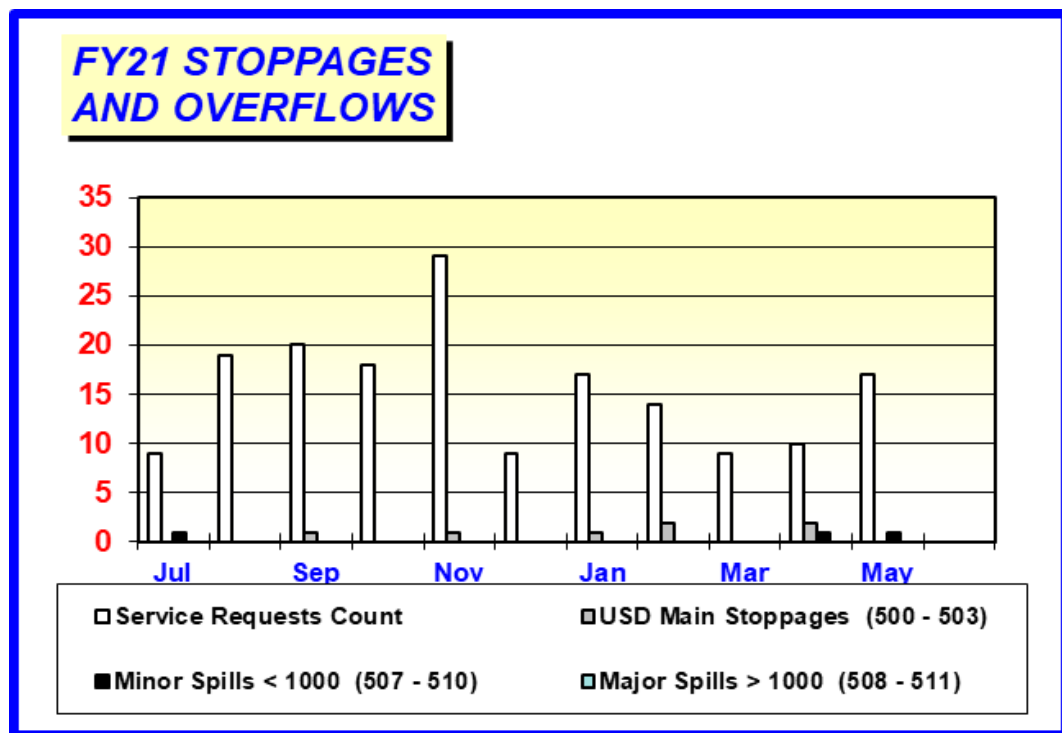
## Other Collection Services Status Data:

### Support Team Work Order Status:

C/S



### Maintenance Status:



Fabrication, Maintenance and Construction

Activities Report

May 2021

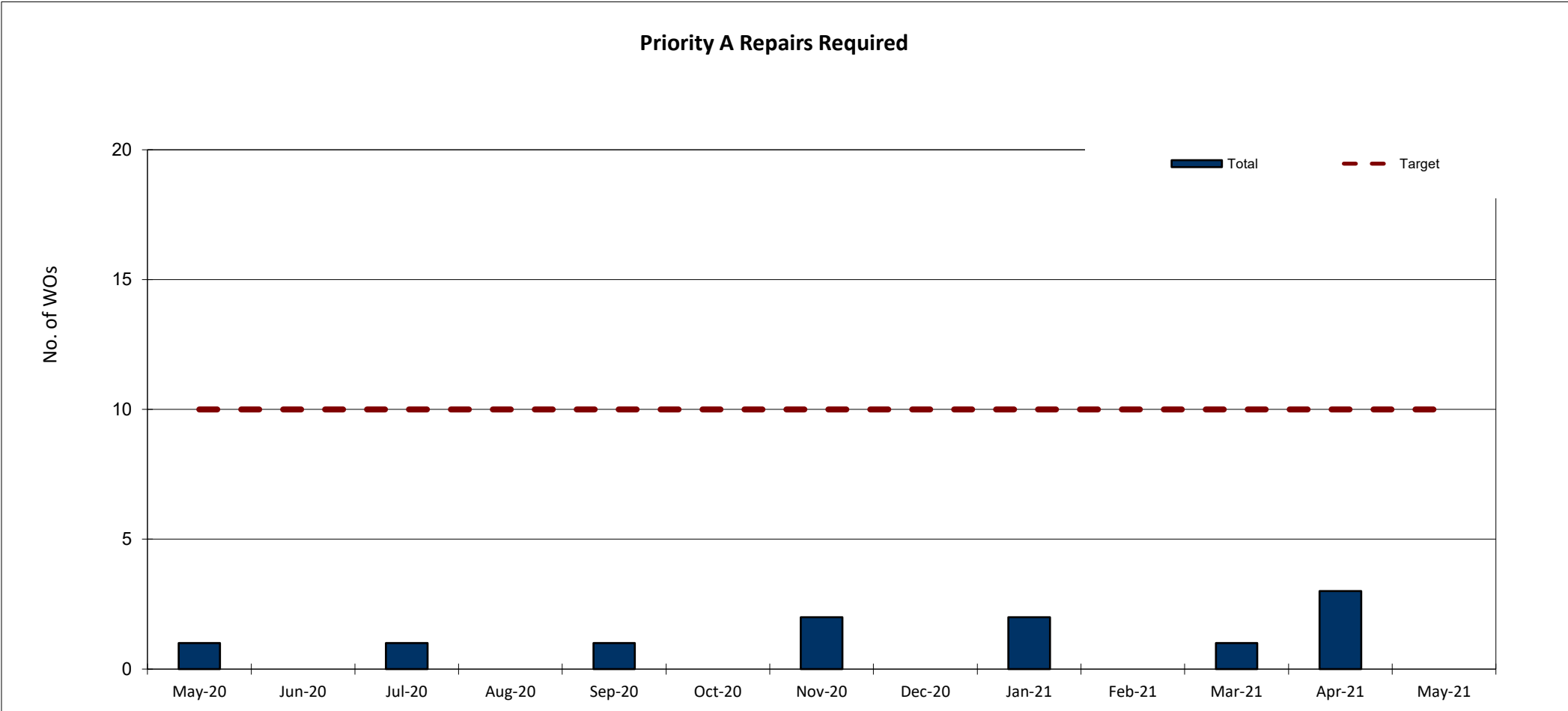
Progress/Accomplishments

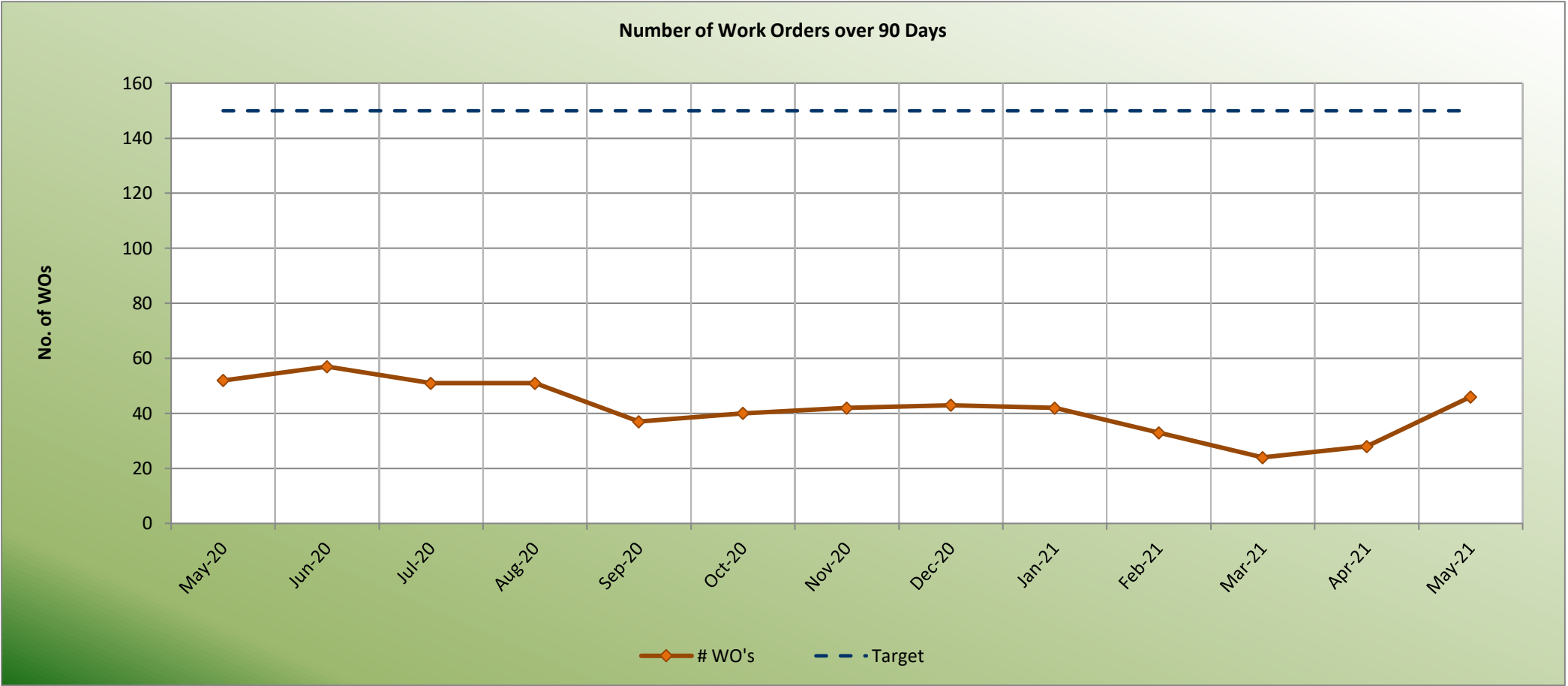
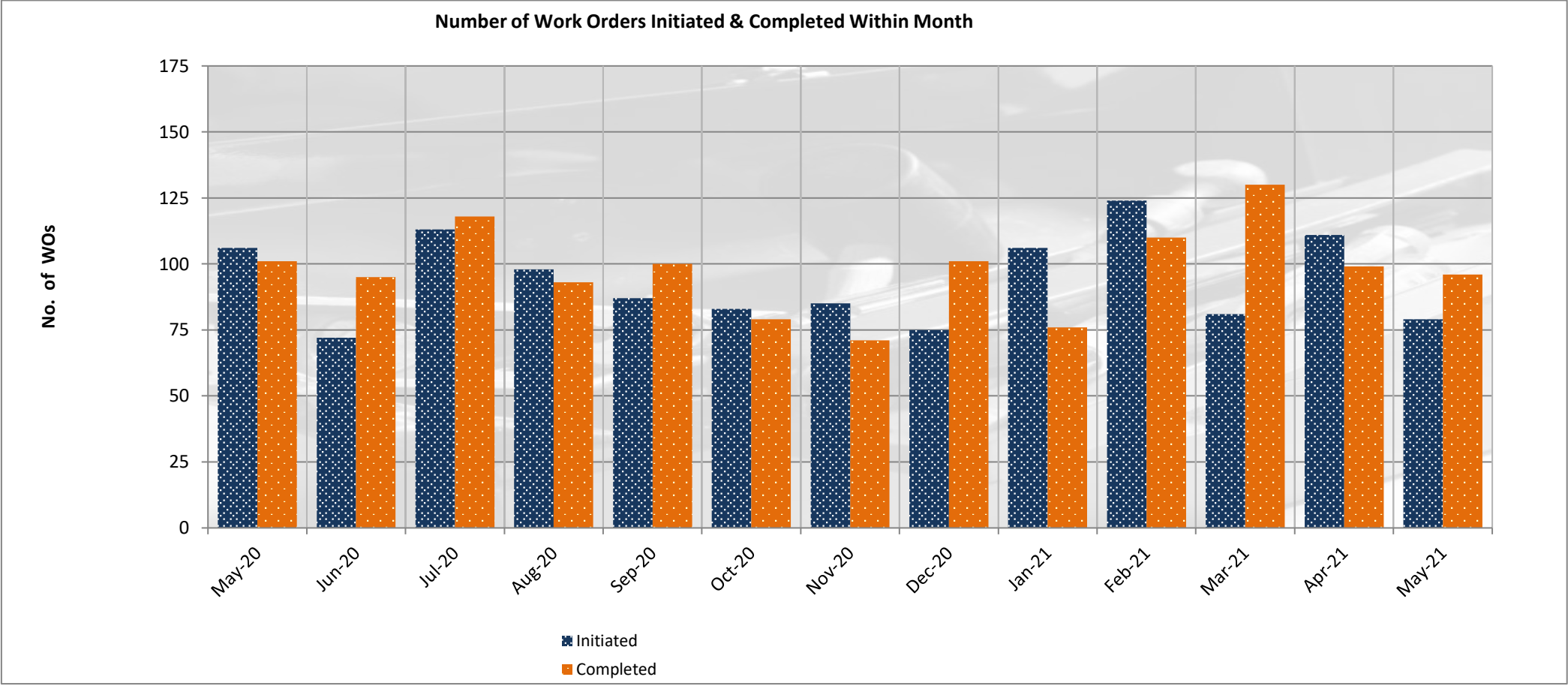
- Completed 97.96% of preventive maintenance activities for the month of May
- Completed 96 corrective maintenance work orders for the month of May
- Install new Rosemount digital temp in and out sensor for Digesters 4 & 5
- Install new flow meter for Digester 2 in HM 1
- Overhaul Primary Clarifier 3 drive gear assembly
- Centrifuge 2 8K service
- Change sprockets and chain on both effluent screens

Future Planning

- Cogen 1 4K service
- Centrifuge 4 2K service
- Swap out of Sulfa Treat in Tank 2
- Primary Clarifier 5 annual service
- Secondary Clarifier 5 annual service

Performance Measurements





**Treatment & Disposal  
Activities Report  
May 2021**

**Progress/Accomplishments**

- Maintained 100% compliance with National Pollutant Discharge Elimination System (NPDES) permits
- Completed 99% preventive maintenance activities for the month of May
- Commissioned Secondary Digester 2 and put it in full service
- Awarded Invitation For Bid (IFB) for Cleaning Secondary Digester 1
- Conducted a hydraulic and electric plant shutdown to accommodate corrosion assessments of the American Eagle Protective Services (AEPS) East Bay Dischargers Authority (EBDA) line and electrical work related to Digester 7
- Conducted sampling for volatile organic compounds (VOCs) at Control Box 4 (CB4) in support of the Enhanced Treatment Site Upgrade (ETSU) air permit. Sampling is to confirm that the permit should be for a modification and not a new source
- Antifoaming agents were added to the digesters and numerous foaming potential tests were conducted
- Conducted a quarterly management review of the Laboratory; reviewed progress of converting Laboratory operations and documentation for compliance with new The National Environmental Laboratory Accreditation Conference (NELAC) Institute (TNI) regulations

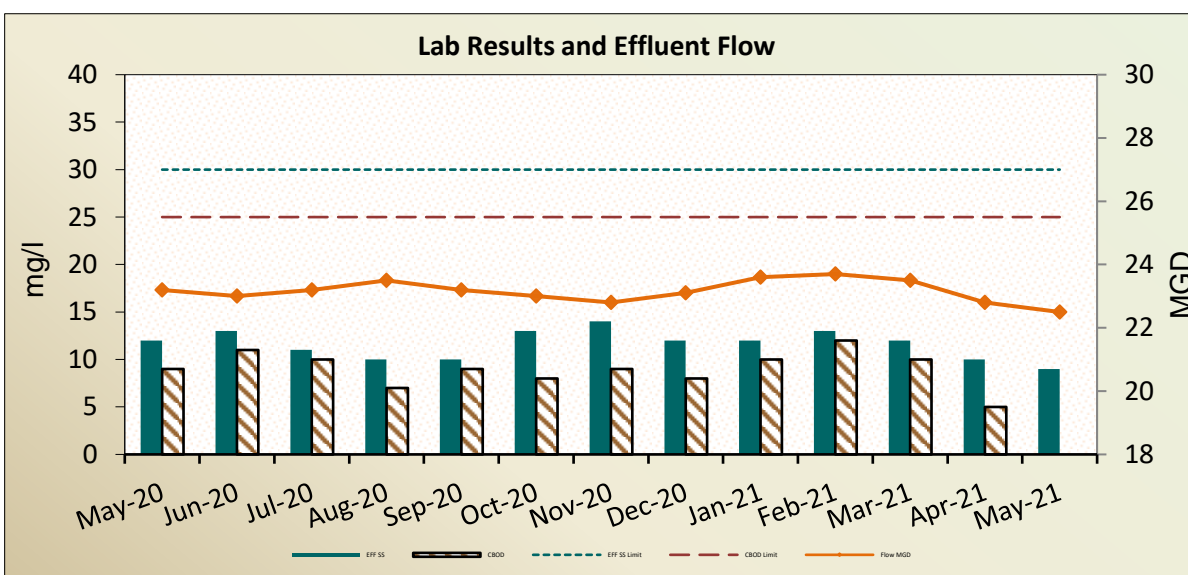
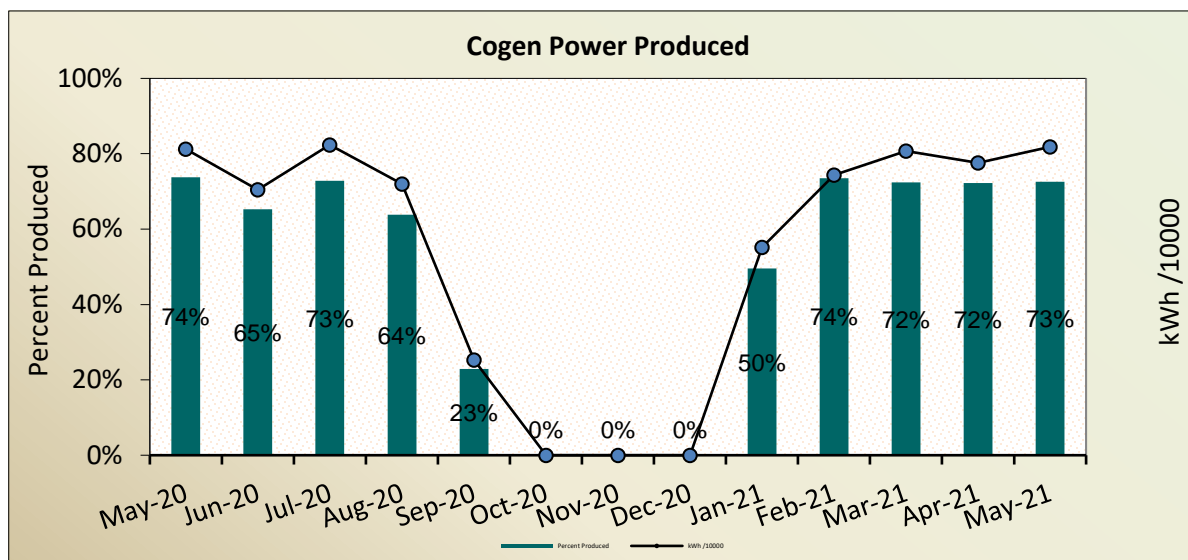
**Future Planning**

- Execute contract for Cleaning Secondary Digester 1 and decommission the digester for its upcoming condition assessment and Digester 7 project work
- Continue functional and operational testing of Alvarado Influent Pump Station (AIPS) pump 5, then commission it and put it in full service.
- Provide review comments on Waste Activated Sludge (WAS) Thickener Project 90% Design submittal

**Other**

- Cogeneration system produced 73% of power consumed for the month of May

## Performance Measurements



USD's Final Effluent Monthly Monitoring Results				
Parameter	EBDA Limit	Mar-21	Apr-21	May-21
Copper, µg/l	78	5.9	8.6	5.1
Mercury, µg/l	0.066	0.0021	0.0019	0.0019
Cyanide, µg/l	42	< 1	< 1	E 1.8
Ammonia- N, mg/L (Range)	130	36.3 - 46.5	44 - 47.5	41.6 - 45.6
Fecal Coliform, MPN/100ml (Range)				
• 5-Day Geometric Mean	500	35 - 41	34 - 43	33 - 44
• 11-Sample 90th Percentile	1100	54 - 60	55 - 60	55 - 57
Enterococci				
• Monthly Geometric Mean	240	19.5	15.1	33.9
E = Estimated value, concentration outside calibration range. For SIP, E = DNQ, estimated concentration.				

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**JUNE 28, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 9**

**TITLE:**           **Public Hearing to Consider Collection of Sewer Service Charges on the Tax Rolls for Fiscal Year 2022 and Adoption of a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls (*This is a Motion Item*)**

**SUBMITTED:**   Paul R. Eldredge, General Manager/District Engineer  
Mark Carlson, CFO, Work Group Manager

**Recommendation**

Conduct a public hearing and receive oral or written protests to the proposal to collect sewer service charges on the tax rolls, and if a majority protest is not received, adopt a Resolution Electing to Collect Sewer Service Charges on the Tax Rolls for FY 2022.

**Discussion**

The District has collected sewer service charges on the general Alameda County tax rolls for many years; however, the Board must hold a public hearing annually to consider and authorize collection of the sewer service charges on the tax rolls. The procedures required for the collection of sewer service charges on the tax rolls are set forth in California Health and Safety Code sections 5473 et seq. Pursuant to these procedures, the District may authorize the collection of sewer service charges for fiscal year 2022 to be collected on the tax rolls, consistent with past practices, by:

1. Creating a report setting forth the sewer service charges to be assessed on each parcel in the District and filing the report with the Board Clerk.
2. Scheduling a public hearing for the Board to hear objections and protests to the report, if any.
3. Publishing notice of the filing of the report and the public hearing.
4. Holding the public hearing and considering any objections and protests to the report.
5. If there is no majority protest, adopting the report and authorizing the collection of the sewer service charges on the tax rolls in accordance with the report.

Staff prepared the report setting forth the sewer service charges to be assessed on each parcel in the District for fiscal year 2022. The report is available for public inspection at the Districts offices, and staff published notice of the report and the public hearing to consider the report in the Argus newspaper on June 18, 2021, and June 25, 2021, and in the Tri-City Voice on June 15, 2021 and June 22, 2021. Once available, a Proof of Publication from both newspapers will be filed with the Board Clerk. After considering any objection and protests to the report, the Board has the option of revising, changing, or modifying any charge specified in the report or overruling any objections and adopting the report. As of the publishing of this staff report, the District has not received any protests.

Staff recommends the Board take the following actions:

1. Conduct a public hearing to receive written and oral comments on the proposal to collect sewer service charges via the property tax rolls; and
2. Unless there is a majority protest, overrule any objections to the report and adopt a Resolution Electing to Collect Sewer Service Charges on Tax Rolls

### **Background**

On May 24, 2021, the Board directed staff to schedule a public hearing on June 28, 2021 regarding collection of sewer service charges on the tax rolls and to publish the required public notices.

### **Previous Board Action**

May 24, 2021 Board Meeting - Scheduling Public Hearing to Consider Collection of Sewer Service Charges on the Tax Roll for Fiscal Year 2022

### **Attachments**

Attachment 1 – Copy of Publication of Public Notice

Attachment 2 - Resolution

## **UNION SANITARY DISTRICT**

### **NOTICE OF FILING REPORT AND PUBLIC HEARING IN CONNECTION WITH THE COLLECTION OF FISCAL YEAR 2022 SEWER SERVICE CHARGES ON THE PROPERTY TAX ROLL**

**NOTICE IS HEREBY GIVEN** that pursuant to Sections 5471 and 5473, et seq. of the Health and Safety Code of the State of California and Union Sanitary District Ordinance No. 31, the Board of Directors of Union Sanitary District will consider whether to collect its charges for sewer services for fiscal year 2022 on the tax roll, in the same manner as general taxes, consistent with past practices.

The District has filed a written report with the Secretary of the Board of Directors describing each parcel of real property subject to the charges and the amount of the charges against that parcel for fiscal year 2022. The District's report is on file and available for public inspection at the District Offices.

For reference, the charges for a single- family homeowner (the majority of USD's customers) and all other rates for individual customers can be found by contacting the District at (510) 477-7500 or on the Districts website at [www.unionsanitary.ca.gov/sewerservice.htm](http://www.unionsanitary.ca.gov/sewerservice.htm)

**NOTICE IS FURTHER GIVEN** that on Monday, the 28th day of June 2021, at the hour of 4:00 p.m. or as soon thereafter as the matter may be heard, during the Board meeting to be held at the Union Sanitary District Boardroom, 5072 Benson Road, Union City, California, in said District, the Board will hold a hearing to consider the report and whether to collect the sewer service charges for fiscal year 2022 on the property tax roll. At the hearing, the Board of Directors will hear and consider all objections or protests, if any, to the District's report.

In light of the COVID-19 emergency and consistent with state Executive Orders No. N-25-20 and N-29-20 and Alameda County health orders, the Board meeting will not be physically open to the public and Board Members will be teleconferencing into the meeting. To maximize public safety while still maintaining transparency and public access, members of the public can observe the meeting by following the steps listed on the Board meeting agenda, which will be posted at least 72 hours in advance of the meeting at [www.unionsanitary.ca.gov](http://www.unionsanitary.ca.gov), and may provide public comment by sending comments to the Board Clerk by email at any time at [assistanttogm@unionsanitary.ca.gov](mailto:assistanttogm@unionsanitary.ca.gov) or via voicemail by calling 510-477-7599 before 3:00 p.m. on the date of the meeting.

Any questions regarding the charges may be directed to Mr. Mark Carlson, CFO and Business Services Manager at [markc@unionsanitary.ca.gov](mailto:markc@unionsanitary.ca.gov) or via voicemail by calling (510) 477-7510.

Publish dates: June 18, 2021 – Argus  
June 25, 2021 – Argus  
June 15, 2021 – Tri-City Voice  
June 22, 2021– Tri-City Voice

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

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

**RESOLUTION OF THE UNION SANITARY DISTRICT BOARD OF DIRECTORS ELECTING TO  
COLLECT SEWER SERVICE CHARGES ON TAX ROLLS FOR FISCAL YEAR 2022**

WHEREAS, the Union Sanitary District (“District”) has duly adopted Ordinance No. 31.40 which sets the sewer service charges for fiscal years 2021 through 2025; and

WHEREAS, California Health & Safety Code section 5473 provides that the District may elect to have such sewer service charges collected on the County property tax rolls; and

WHEREAS, the District Board of Directors directed the preparation of a written report on Sewer Service Charges for Collection on Tax Rolls for Fiscal Year 2022 (the “Report”); and

WHEREAS, the Board appointed the time and place of hearing for protests to the Report and notice was given in the manner provided by law as it appears by the Affidavits of Publication on file in the office of the Board Clerk; and

WHEREAS, the District Board of Directors, at its regular meeting of June 28, 2021, held a hearing, where the Board heard and considered all objections or protests, and protests from a majority of owners of separate parcels was not received.

NOW, THEREFORE, IT IS RESOLVED AS FOLLOWS:

1. All recitals above are true and incorporated by reference herein.
2. The Board finds that objections to and protests against the Report were not made by the owners of a majority of the separate parcels of property within the District against which sewer service charges for the services and facilities provided by the District were fixed.
3. The Board further finds that all objections to and protests have been heard by this Board and that any objections and protests are hereby overruled.
4. The Report is hereby adopted, and sewer service charges based upon these rates and the sewer service charges for fiscal year 2022 shall be collected on the tax roll of the County of Alameda in the manner provided by law.
5. The Board Clerk is hereby directed to file with the County Auditor of Alameda County, a certified copy of the Report and this Resolution stating that the Report has been adopted by the District Board of Directors.
6. The Auditor Controller of the County of Alameda shall, upon receipt of a copy of the Report showing the amounts of the charges based upon adopted rates, enter the amounts of the charges against the respective lots or parcels as they appear on the current assessment roll for fiscal year 2022.

I hereby certify that the foregoing Resolution was duly and regularly adopted and passed by at least a two-thirds vote of the Board of Directors of the UNION SANITARY DISTRICT, Alameda County, California, at a meeting thereof held on the 28th day of June, 2021.

AYES:

NOES:

ABSENT:

ABSTAIN:

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PAT KITE, President  
Board of Directors Union Sanitary District

ATTEST:

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Manny Fernandez, 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*

**JUNE 28, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 10**

**TITLE:** **Consider Approving Proposed Operating and CIP Budget for Fiscal Year 2022**  
***(This is a Motion Item)***

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
Mark Carlson, CFO, Work Group Manager

**Recommendation**

Review and consider adoption of the Proposed Operating and CIP Budget for Fiscal Year 2022.

**Discussion**

Attached for your review is the Proposed Operating and CIP Budget for FY 2022. This budget reflects the Board's input and revisions made to the information presented after the Budget Workshop on May 11, 2021, and the Board meeting on May 24, 2021. There are two additional changes to the budget document since the May 24, 2021 meeting:

- The cleaning of Digester 1 was approved by the Board and included in the FY 2021 budget and was projected to be completed in the Spring of 2021. Due to unanticipated delays resulting from the contractor's workload, the actual work will take place in July and August of FY 2022. Staff is requesting to add this item to the FY 2022 budget to reflect when the work will be completed. To be clear, this is not an additional expense, but rather a timing of when the work will be completed.
- Page 6 has been updated to reflect the election of officers for the Board of Directors on May 24, 2021.

**Background**

The Board met in a budget workshop on May 11, 2021, to discuss the proposed FY 2022 budget. Feedback from that meeting was then incorporated into a budget presentation at the May 24,

2021 Board meeting to which there was no further budget modifications recommended by the Board.

**Previous Board Action**

- May 11, 2021 – Board Budget Workshop
- May 24, 2021 – Budgeted presented to Board

**Attachments**

Attachment 1 – Budget Document



# Union Sanitary District

Union City, California

Proposed Operating and CIP Budget  
FY 2022



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# INTRODUCTION



Rebar Layout Digester 7 Roof

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## **Introduction**

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## Board of Directors



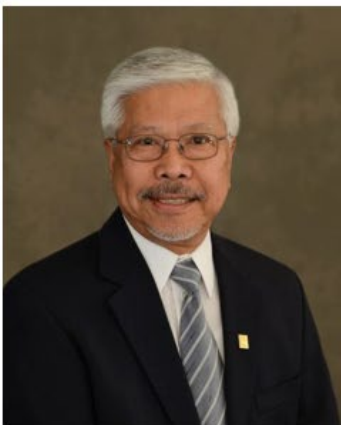
Tom Handley



Pat Kite



Anjali Lathi



Manny Fernandez



Jennifer Toy

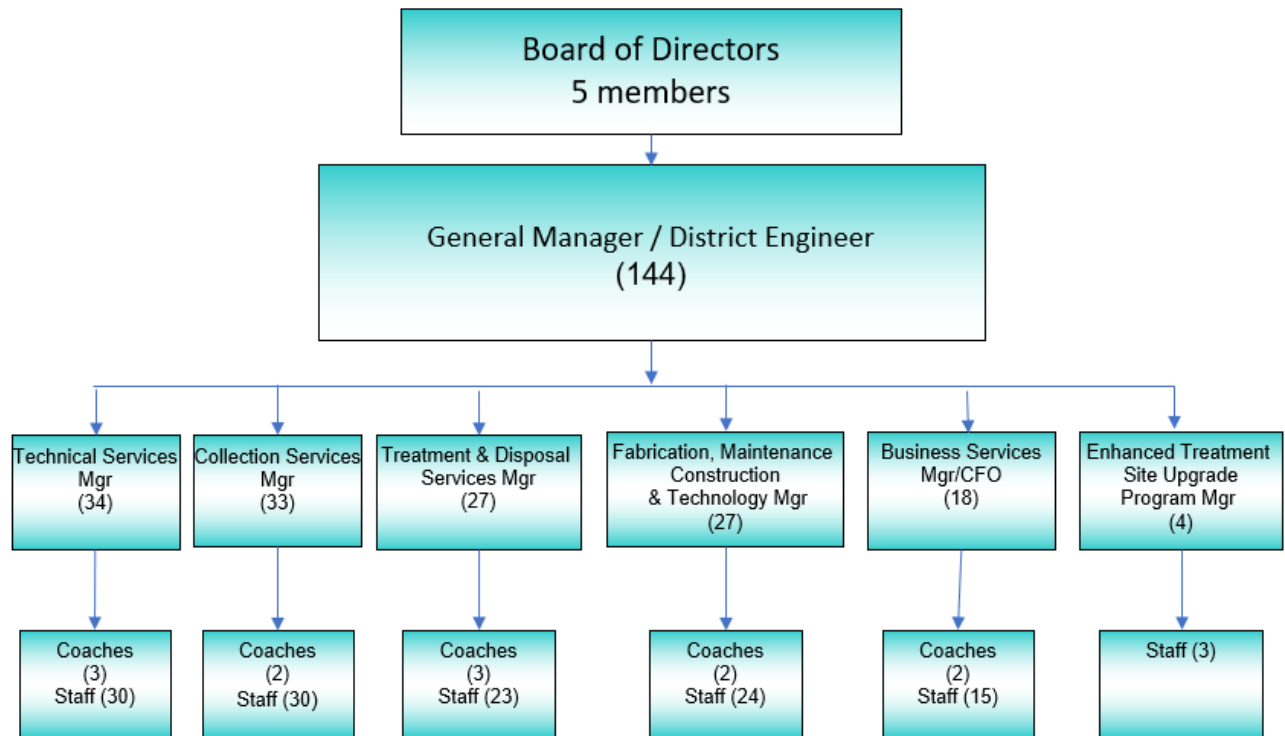
## Principal Officials

<b>Board Member</b>	<b>Position</b>	<b>City Represented</b>	<b>Year Elected</b>	<b>Term Expires</b>
Pat Kite	President	Newark, Ward 2	1991	2024
Anjali Lathi	Vice President	Fremont, Ward 3	2002	2024
Manny Fernandez	Secretary	Union City, Ward 1	2011	2024
Tom Handley	Director	Fremont, Ward 3	2007	2022
Jennifer Toy	Director	Fremont, Ward 3	1998	2022

### Staff

Paul Eldredge	General Manager/District Engineer
Armando Lopez	Treatment & Disposal Services Manager
Robert Simonich	Maintenance & Technology Services Manager
Mark Carlson	Business Services Manager/Chief Financial Officer
Sami Ghossain	Technical Services Manager
James Schofield	Collection Services Manager

Karen W. Murphy - General Counsel





## VISION/MISSION STATEMENT

April 10, 2017

To safely and responsibly collect and treat wastewater, and to recover resources from process waste streams, while protecting human health and improving the environment in a way that benefits the Tri-Cities and all USD stakeholders.

How we continue to accomplish our Vision:

Commitment to safety:

- Continually reviewing our safety program for opportunities to improve
- Focusing on protecting employees and the community in all our activities
- Allocating resources to ensure safe operations (equipment, training, staff)
- Collaboratively promoting a safe work environment

Responsibility:

- Being accountable for our actions and decisions
- Being fiscally prudent
- Maintaining and upgrading infrastructure
- Anticipating and meeting future District and stakeholder needs
- Compliance with laws and regulations (local, state, federal)
- Effective asset management
- Effective use of technology
- Looking for innovative ways to reduce or reuse our waste streams

Collect, treat, and recover/reuse wastewater:

- Providing capacity in the collection system and plant
- Regulating connections
- Increasing efforts for resource recovery (biogas, biosolids, etc.)
- Exploring ways to maximize water reclamation and reuse potential

Human health and environmental stewardship

- Preventing sewer spills and back-ups
- Limiting health risks through treatment of wastewater
- Responding to emergencies
- Enhancing water quality in the San Francisco Bay estuary
- Meeting or exceeding all water and air quality standards
- Promoting pollution prevention and pretreatment through outreach and educational programs
- Maximizing use of green energy sources when feasible
- Working towards energy neutrality



## VISION/MISSION STATEMENT

April 10, 2017

We benefit our stakeholders by:

### Community

- Complying with all local, state, and federal regulations, protecting the environment and controlling odors
- Communicating with the public and bringing awareness about wastewater issues
- Responding to emergencies and providing mutual aid
- Participating in community outreach activities
- Contributing to the wastewater treatment profession by participating in professional associations, partnering with other agencies and organizations, and sharing best practices
- Working cooperatively with cities and other government agencies

### Customer

- Providing award-winning, reliable service
- Being fiscally responsible and cost effective, and providing value
- Promptly responding to customers' needs
- Being professional and courteous
- Proactively and creatively meeting customer needs
- Supporting businesses through permitting, education and by providing capacity

### Employees

- Providing a safe work environment
- Recognizing employee contributions
- Encouraging cooperation and collaboration
- Demonstrating equality and fairness
- Valuing employee input, and offering opportunities for involvement and creativity
- Providing training and resources
- Providing competitive wages and benefits in a stable work environment
- Communicating and sharing information openly and honestly



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

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

Karen W. Murphy  
*Attorney*

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

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

**SUBJECT:** Fiscal Year 2021/2022 Proposed Operating and CIP Budget

Union Sanitary District (USD) staff is pleased to present the proposed annual budget for Fiscal Year (FY) 2022 to the Board of Directors. This budget, covering the period from July 1, 2021 through June 30, 2022, was developed based on direction provided by the Board of Directors.

### **District Highlights**

The District continues to focus on the operation and maintenance of its infrastructure and assets, capital project construction, planning, and effective use of technology. The District reports the following notable items that will be part of the budget for FY 2022:

Updated Capacity Fees Schedule – The District retained Bartle Wells Associates (BWA) to update its wastewater capacity charges. Recommendations were developed with input from District staff and represent a comprehensive update based on the latest information available. Key objectives included developing updated capacity charges based on a methodology that will recover the full cost of infrastructure and assets benefiting new development, comply with legal requirements, and are fair and equitable to both existing customers and new development.

Enhanced Treatment & Site Upgrade Project – The District is implementing the \$350 million ETSU Phase 1 Group of Projects as part of an overall Program to support the next 20 to 40 years of operation. The key drivers for ETSU Phase 1 projects include addressing aging infrastructure, improving water quality in the San Francisco Bay through nutrient removal upgrades, and hardening of infrastructure to support resiliency efforts to manage wet weather events and continuing to provide USD's critical services without interruption. Design of the first group of projects is underway. These include improvements to the aeration basins and relocation of operations, maintenance, and administrative facilities. Construction of these first projects is planned to

commence during FY 2022. The design of the second group of projects is also now underway. Construction of all of the Phase 1 projects is expected to last through 2027.

Project Financing – As part of the ETSU project mentioned above, the District was able to secure \$189 million in low cost EPA Water Infrastructure Finance and Innovation Act (WIFIA) financing. The District entered into the highly competitive process in mid-2020 and was notified of its eligibility in early 2021. These funds will account for 49% of the total project costs. In addition to the WIFIA financing, the District is currently engaged in a \$110 million bond issuance to complete the financing for Phase 1A of the ETSU project as well as several other District CIP projects.

Old Alameda Creek Intermittent Wet Weather Discharge Permit - On December of 1, 2020, the District's revised National Pollutant Discharge Elimination System (NPDES) permit to intermittently discharge to Old Alameda Creek during significant wet weather events went into effect. The revised NPDES permit allows the District to responsibly discharge in the adjacent Old Alameda Creek when flows at the District exceed the contracted capacity with the East Bay Discharge Authority (EBDA), providing the District a permitted and reliable hydraulic relief of its completely treated final effluent. The Old Alameda Creek NPDES Permit is valid for the customary 5 year permit cycle, expiring on November 30th, 2025.

Stewardship and Service - The District continued its record of outstanding stewardship and service. Once again, USD received the Platinum Award from the National Association of Clean Water Agencies for Peak Performance for operating without exceeding the limits or conditions of the District's permit. This is a tribute to the outstanding work by District Operations and Maintenance teams. The District continues to average less than one spill per hundred miles of pipeline per year, ranking the District among the best in the State, while doing so in a very cost-effective manner.

### **Financial State of the District**

The District continues to exercise fiscal prudence when considering how to best manage increasing expenses with the least impact possible on the rate payers. A complex financial model is utilized to run a multitude of "what if" scenarios. Scenario-based modeling allows the District to analyze different financing plan scenarios to assist the District in making sound financial decisions on future operating and infrastructure needs and the long-term sustainability of prospective policies and programs. It is because of this cautionary approach that the District has continued to keep its rates as low as possible and remain financially stable.

Revenue - Sewer Service Charges are expected to increase by \$14.2 million in FY 2022 to \$74.7 million. Of this amount, approximately \$4.1 million is the result of a revenue deferral in FY 21. The balance can be attributed to the current year rate increase of 8%. Capacity fees are expected to decrease by \$762 thousand or 13.3% over FY 2021. The entire region has experienced a slowdown in development largely attributed to the impacts of Covid 19. While there is still strong activity in the development sector, with a number of large projects in the planning stages, the District has chosen to be conservative in its forecasting of capacity revenue.

Interest earnings are expected to increase over FY 2021 by \$362 thousand, however, this is attributable to an anticipated \$110 million bond issuance early in the year. The overall interest yield on the Districts investments is expected to fall below 1% for the year.

Expenditures - Total District expenditures for the coming fiscal year are projected to increase by \$14.2 million or 14.5%. Operating expenses are anticipated to increase by \$1.8 million or 4.1%. Within the operating category, Salaries and Benefits are expected to increase \$1.9 million or 6.1%. Increases are primarily due to certain positions being budgeted for a full year in FY 2022, the addition of a full time limited term operator as well as negotiated increases to salaries. Continued increases in pension and health insurance rates are also factors.

The balance of the operating budget is remaining relatively flat with an overall decrease of \$18 thousand. For FY 2022 the District is seeing increases in chemical and insurance costs and decreases in overall utilities, supplies, and repair and maintenance. The District continues to find ways to reduce costs through planning and wise stewardship.

The Capital Improvement Program is budgeted to increase \$507 thousand or 1.2% over FY 2021. This is the second year of higher capital costs as the District enters into an ten year \$713 million capital program of which \$350 million is for the ETSU project. Capital project spending will continue to focus on rehabilitation and replacement of key elements of the wastewater treatment plant, transport and collections system.

In keeping with the Districts continued efforts toward prudent fiscal planning, the creation of a 115 Pension Trust is planned for FY 2022. It is currently estimated that this long term fiscal planning tool will save the District over \$24 million in interest costs over the next 27 years.

Special Projects Fund expenditures will increase \$1.2 million over FY 2021. Some of the more significant special projects are the continued set aside of \$1.5 million for property acquisitions as opportunities become available; \$940 thousand for upcoming election costs; feasibility studies for Digester 8, energy resiliency, sea level rise and thermal dryer projects.

### **Balanced Budget, Reserves and Rates**

USD has long operated with a balanced budget and FY 2022 is no exception. District reserves continue to be stable, although as the District's operating budget increases, more of the District's reserves are dedicated to ensuring operating needs are met. Although funds will be taken from both the Sewer Service Fund and Capacity Fund reserves in FY 2022, these are planned capital activities and are part of the long term capital investment strategy of the District.

### **Conclusion**

Given the past fiscal stewardship practiced by the District's Board and staff, the District is well poised to take on the proposed 20 year capital plan that will continue to make Union Sanitary District a leader in wastewater management.

I would like to express my appreciation to all the employees of the District whose hard work is not taken for granted and whose dedication is reflected in the daily delivery of services to the District's customers. The District is firmly committed to meeting every challenge brought forth through innovative and creative problem-solving and embracing continual improvement in all that it does.

Respectively Submitted,

---

Paul R. Eldredge, P.E.  
General Manager, District Engineer  
Union Sanitary District

# ABOUT USD



Aeriation Basin Order Scrubbers

## About USD

Union Sanitary District (USD) is a California Independent Special District. USD was formed in 1918 to protect public health and the environment by providing the services of collecting, treating, and disposing of wastewater from residences, businesses and industries. We're proud to deliver this very complex, highly-regulated service to the communities we serve.

In our founding year of 1918, USD's boundaries encompassed 3,300 acres in what was known as Southern Alameda County. The area was primarily farm and ranch land well into the twentieth century, and septic tanks were typically used for wastewater disposal.

Today, USD's service area covers over 60 square miles (about 38,400 acres) and serves over 350,000 residents in the cities of Fremont, Newark, and Union City, with over 113,000 residential, commercial, and industrial connections. Total flow to our Alvarado Treatment Plant in Union City was over 8.4 billion gallons in 2020, and averages between 22 and 24 million gallons every day with a permitted capacity of up to 33 million gallons per day.

USD is a member of the East Bay Discharge Authority (EBDA). Founded in 1974, EBDA is a five-member Joint Powers Authority (JPA) formed to plan, design, construct, and operate regional facilities to collect, transport and discharge treated effluent to deep waters of San Francisco Bay. Treated effluent from the District's Alvarado Wastewater Treatment Plant is pumped to the EBDA System and discharged into the Bay southwest of Oakland International Airport. Frequent testing of the treated wastewater confirms compliance with regional permit requirements. The other member agencies are Castro Valley Sanitary District, Oro Loma Sanitary District, City of Hayward, and City of San Leandro.

## The Communities we Serve

The District provides wastewater collection, treatment and disposal services to the residents and businesses of the cities of Fremont, Newark, and Union City, commonly referred to as the Tri-City Area, with a combined population of 356,823. Information obtained from each city is presented below.

### The City of Fremont

Located on the southeast side of the San Francisco Bay, Fremont is a city of over 234,000 people and 76,000 households, with an area of 92-square miles. Fremont remains the fourth most populous city in the Bay Area and California's 15th largest city. With its moderate climate and its proximity to major universities, shopping areas, recreation and cultural activities, employment centers, major airports, and the Bay Area Rapid Transit system, Fremont captures metropolitan living at its best.

Fremont is conveniently served by Interstates 680 and 880, as well as rail transport lines including Altamont Commuter Express (ACE), Amtrak Capitol Corridor, and the Bay Area Rapid Transit (BART) system. Fremont also has easy access to the San Jose Airport, Oakland Airport, San Francisco Airport,

and the Port of Oakland. Fremont is home to a broad variety of innovative firms including over 1,200 high tech, life science, and clean technology firms. The city has a broad range of quality, affordable business locations; a superior workforce; and a wide variety of tax benefits and incentive programs for businesses.

Fremont is one of the most ethnically and culturally diverse cities in the Bay Area. Residents are attracted to Fremont for its nationally recognized high-ranking public schools, its numerous well-kept parks, and a variety of recreational amenities, including beautiful Lake Elizabeth, Central Park, and Mission San José (California's 14th mission). Fremont is described as a wonderful community to live, work, and play.

### The City of Newark

Newark has an area of 13 square miles, a population of over 48,000. Newark was incorporated in 1955 and is located 35 miles south of San Francisco and next to many high-tech hubs, including easy access to highways 880, 580, 680, and the Dumbarton Corridor. This makes Newark an ideal location to live or do business. Newark has evolved throughout the years from its days enriched in agriculture, manufacturing, and railroad to today's expansion of high-tech, biotech, and the health sciences.

Although Newark has grown significantly, it still manages to keep a small, hometown community charm which is what citizens say they love about the city. The City of Newark has a wide variety of programs and services to meet the community's needs.

### The City of Union City

Union City is 18 square miles in area, boasting a diverse and unified people, excellent educational institutions, unsurpassed quality of life, strong economy, and world-renowned location in The San Francisco Bay Area. Incorporated in 1959, the city proudly maintains a small-town feel despite being in the center of the Bay Area, with San Francisco and Silicon Valley just minutes away. Union City has grown into an ethnically diverse community of over 73,000 residents, and the highly regarded New Haven Unified School District serves about 13,000 K-12 students. The community offers a variety of housing, with affordable and upscale homes available in many charming neighborhoods throughout the city. The transit-oriented Station District, located around the Union City BART station, boasts housing and business development opportunities with easy, convenient access to major public transit running throughout the Bay Area. Union City also offers 33 wonderful parks, sports fields, community centers, and a variety of recreation programs and social services for residents of all ages. Region-wide, the Tri-City area is experiencing significant impacts as a result of COVID-19.

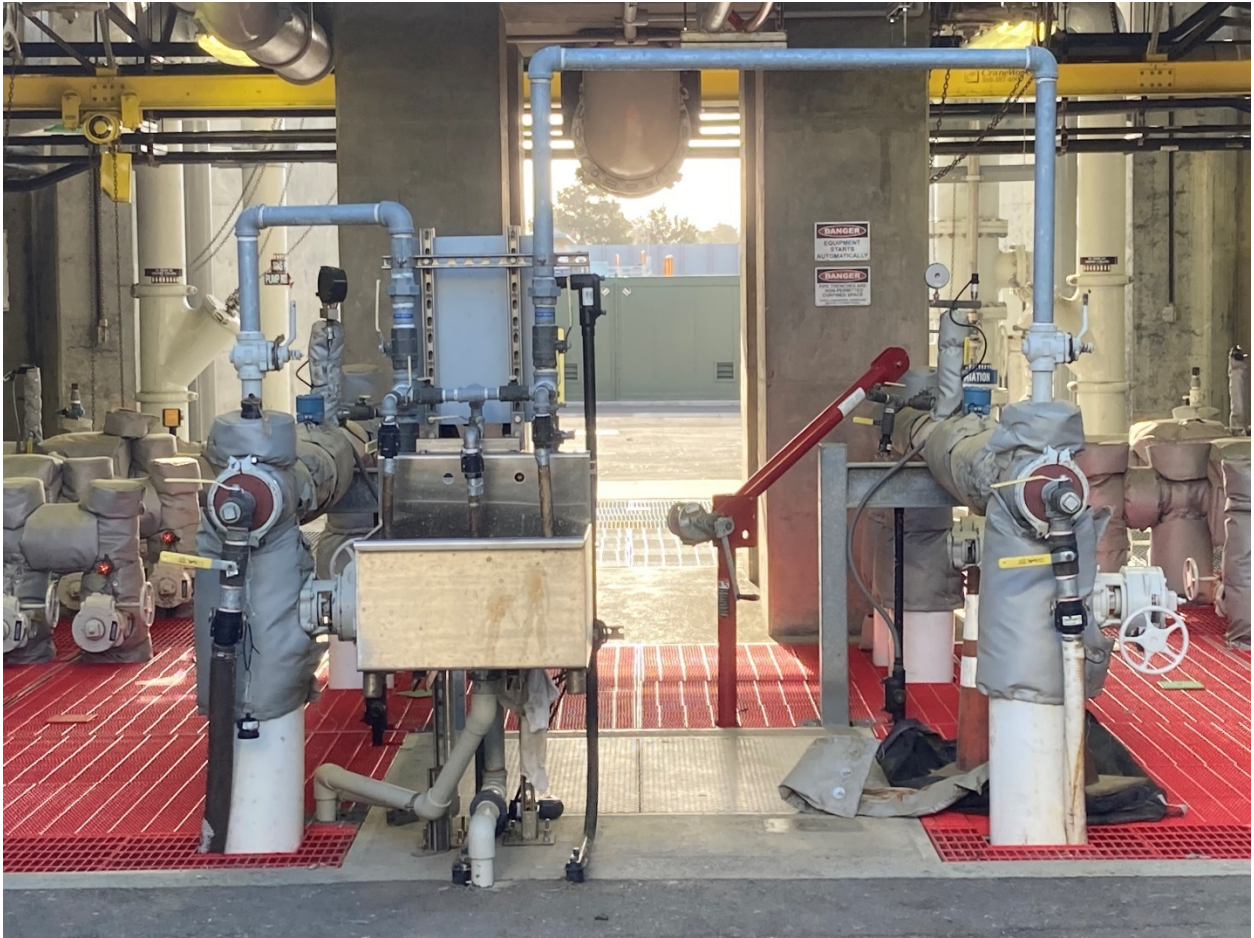
Unemployment rates for the cities of Fremont, Newark and Union City on June 30, 2020 were 10.5%, 12.8%, and 13.4% respectively, compared with 2.6%, 2.7%, and 3.0% one year earlier.

\*Information obtained from the respective city's website

## SERVICE AREA MAP



# BUDGET DOCUMENT & PROCESS



Solids Thickening Pump Station

# BUDGET PROCESS

The fiscal year budget is one of the most important documents prepared by the District. Through the process of planning and preparing the budget, the District is given the opportunity to determine how best to utilize its resources for the coming fiscal year. The budget document also provides direction for management and staff on a number of fiscal issues.

Union Sanitary District adopts an annual budget. The budget document contains information on revenues and expenditure appropriations for the Fiscal Year beginning July 1 and ending June 30. In addition to the operating budget, the Board adopts an annual Capital Improvement Plan (CIP), which is part of a larger 20 year plan. These projects become an integral part of the proposed operating/capital budget.

The budget is prepared in accordance with fiscal policies/guidelines and objectives as established by the Board in Policy #2015. The time frames provided in the budget calendar reflect early involvement of District staff and the Board in review and discussion of policy direction, goals and objectives concurrent with development of financial projections and service level requirements. With this approach, the necessary components that guide the process are incorporated into the proposed budget prior to formal submission to the Board. Readers may be interested to know that all appropriations, excluding Capital Projects, lapse at year-end. This means that this budget only contains new appropriations for the Fiscal Year.

Key budget dates are shown below:

Date	Process
Early January 2021	Budget discussions begin with all departments including FY 20/21 midyear and year end projections
March 9, 2021	Midyear presentation to Board with discussions on FY 21/22 budget drivers
May 11, 2021	Budget workshop held with Board
May 24, 2021	Presentation of the FY 21/22 proposed budget to the Board
June 28, 2021	Adoption of the FY 21/22 budget by the Board

## BUDGET REPORTING

For budgetary reporting purposes, Union Sanitary District uses the modified accrual basis of accounting. Under the modified accrual basis of accounting, revenues are recognized when they become measurable and available. “Measurable” means the amount of the transaction can be determined and “available” means collectible within the current period or soon enough thereafter to be used to pay liabilities of the current period. Expenditures are recognized in the accounting period in which the liability is incurred. Non-cash expense items such as depreciation expense for fixed assets and accrued compensated absences are excluded from the budget. Principal payments for District debt are included in the budget.

The District operates under two funds for budgetary purposes. Those funds are:

Sewer Service Fund – This fund accounts for the general operations, maintenance, and administration of Union Sanitary District. For purposes of internal accounting only, the District maintains separate funds within the Sewer Service Fund to track revenue and expenditures as they relate to operations; special projects; Other Post-Employment Benefits (OPEB); 115 Pension Trust contributions; vehicle, equipment, and information systems acquisitions; and maintenance of plant, pump, and structural components.

Capacity Fund – This fund accounts for capacity related fees collected by the District and their related expenditures. Capacity fees are charged by the District to assure that development customers that connect to the system pay their proportional share of the sewer and treatment plant required to convey and treat their wastewater. Sewer capacity charges are governed by California Government Code Section 66013.

## FINANCIAL STATEMENT REPORTING

The District operates as a proprietary fund-type and uses the modified accrual basis of accounting. All proprietary fund-types are accounted for on a flow of economic resources measurement focus. Under this measurement focus, all assets and liabilities associated with the operation of these funds are included on the statement of net position. Where appropriate, net total assets (i.e. fund equity) are segregated into contributed capital and retained earnings. Proprietary fund-type operating statements present increases (revenues) and decreases (expenses) in net position.

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# FINANCIAL SECTION



Primary Effluent Pumps for the Aeration Basin

## Budget Summary – All Funds

	Actual * FY 18/19	Actual * FY 19/20	Budget FY 20/21	Projected FY 20/21	Proposed Budget FY 21/22	Variance to 20/21 Budget	% Change
<b>Revenues</b>							
Sewer Service Charge	\$ 57,330,651	\$ 60,216,148	\$ 60,500,000	\$ 62,250,000	\$ 74,716,000	\$ 14,216,000	23.5%
Capacity Fees	16,158,027	14,179,464	5,712,200	3,927,900	4,949,820	(762,380)	-13.3%
Work Group Revenues	1,321,729	1,285,438	1,293,500	1,192,200	1,260,900	(32,600)	-2.5%
Interest	2,657,281	3,115,507	1,150,000	1,290,000	1,512,000	362,000	31.5%
Other Revenues	866,298	174,673	75,000	32,745	50,000	(25,000)	-33.3%
Net Loan Proceeds	-	37,000,000	-	-	110,000,000	110,000,000	-
<b>Total Revenues</b>	<b>78,333,986</b>	<b>115,971,230</b>	<b>68,730,700</b>	<b>68,692,845</b>	<b>192,488,720</b>	<b>123,758,020</b>	<b>180.1%</b>
<b>Expenditures by Type</b>							
Operating	37,204,183	41,518,799	45,186,355	43,756,720	47,020,403	1,834,048	4.1%
Internal Funds	3,071,521	2,091,781	2,647,022	2,463,156	5,886,401	3,239,379	122.4%
Debt Service	3,862,731	3,584,921	4,684,773	4,379,920	12,019,092	7,334,319	156.6%
Special Projects	913,255	1,288,761	2,723,000	928,993	3,960,104	1,237,104	45.4%
Capital Projects	6,593,915	12,695,833	42,682,500	39,197,003	43,189,200	506,700	1.2%
<b>Total Expenditures</b>	<b>51,645,605</b>	<b>61,180,095</b>	<b>97,923,650</b>	<b>90,725,792</b>	<b>112,075,200</b>	<b>14,151,550</b>	<b>14.5%</b>
<b>Revenues Over (under)</b>							
<b>Expenditures</b>	<b>\$ 26,688,381</b>	<b>\$ 54,791,135</b>	<b>\$ (29,192,950)</b>	<b>\$ (22,032,947)</b>	<b>\$ 80,413,520</b>	<b>\$ 109,606,470</b>	
<b>EXPENDITURES BY OPERATING GROUP</b>							
Board of Directors	\$ 142,215	\$ 141,278	\$ 180,354	\$ 178,354	\$ 187,043	\$ 6,689	3.7%
General Manager	800,880	919,583	1,066,753	1,058,833	1,194,988	128,235	12.0%
Business Services***	9,187,579	9,910,103	11,155,858	10,668,365	21,905,486	10,749,628	96.4%
Collection Services	7,441,010	7,233,990	7,701,282	7,678,993	7,835,953	134,671	1.7%
Technical Services	6,104,798	6,577,565	6,815,278	6,670,324	7,208,954	393,676	5.8%
Treatment & Disposal Services	11,233,736	13,020,113	15,187,206	14,167,249	15,921,122	733,916	4.8%
Fabrication, Maint & Construction	9,228,217	9,392,869	10,411,419	10,177,678	10,672,350	260,931	2.5%
Capital Projects **	6,593,915	12,695,833	42,682,500	39,197,003	43,189,200	506,700	1.2%
Special Projects **	913,255	1,288,761	2,723,000	928,993	3,960,104	1,237,104	45.4%
<b>Sub Total by Group</b>	<b>\$ 51,645,605</b>	<b>\$ 61,180,095</b>	<b>\$ 97,923,650</b>	<b>\$ 90,725,792</b>	<b>\$ 112,075,200</b>	<b>\$ 14,151,550</b>	<b>14.5%</b>

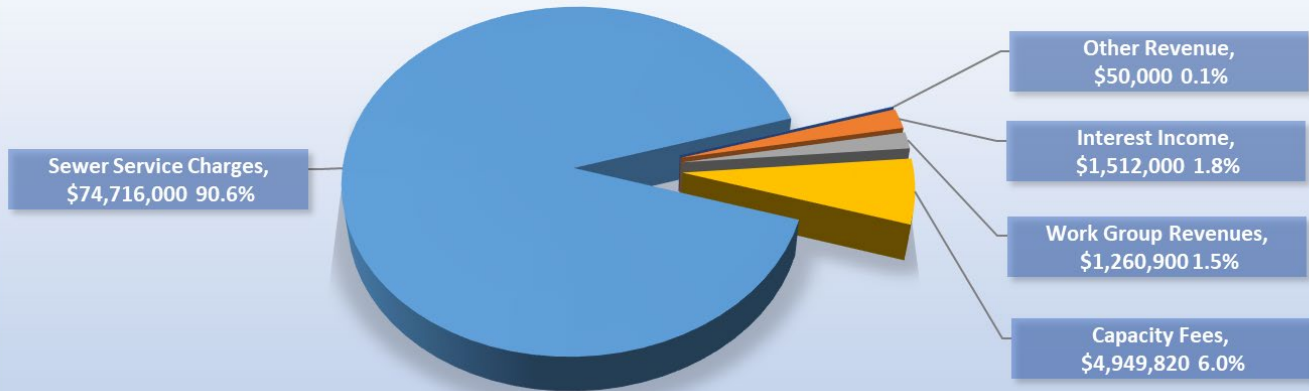
\* Actual numbers based on modified accrual basis to reflect budget accounting

\*\* Capital Projects and Special Projects are managed by multiple departments on a collaborative basis

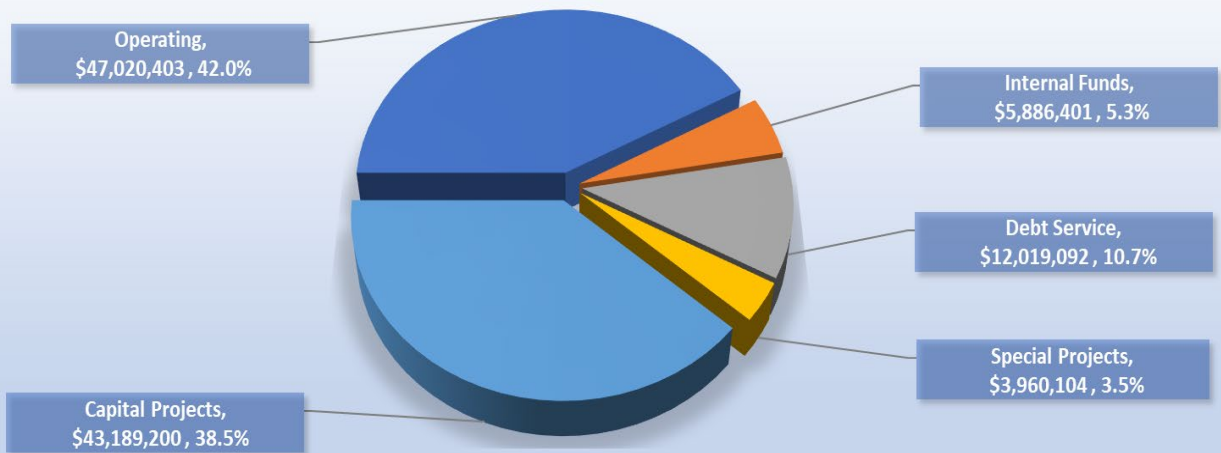
\*\*\* Business Services handles debt payments and pension management. The increase from FY 21 results from the anticipated 2021A debt pymt of \$7.5m and the Pension 115 Trust contribution of \$3m.

## District Wide Revenue & Expenditures

**Total Revenues (does not include bond proceeds)**  
**\$82,488,720**



**Total Expenditures \$112,075,200**



## Combined Budget by Fund Sewer Service & Capacity Funds

	Sewer Service Fund	Capacity Fund	Total
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<b>Revenues</b>			
Sewer Service Charge	\$ 74,716,000	\$ -	\$ 74,716,000
Capacity Fees	-	4,949,820	4,949,820
Work Group Revenues	1,260,900	-	1,260,900
Interest	1,272,000	240,000	1,512,000
Other Revenues	50,000	-	50,000
Net Loan Proceeds	110,000,000	-	110,000,000
<b>Total Revenues</b>	<b>187,298,900</b>	<b>5,189,820</b>	<b>192,488,720</b>

<b>Expenditures</b>			
Operating	47,020,403	-	47,020,403
Internal Funds	5,886,401	-	5,886,401
Debt Service	8,370,401	3,648,691	12,019,092
Special Projects	3,960,104	-	3,960,104
Capital Projects	28,240,200	14,949,000	43,189,200
<b>Total Expenditures</b>	<b>93,477,509</b>	<b>18,597,691</b>	<b>112,075,200</b>

<b>Revenues Over (less than) Expenditures</b>	<b>\$ 93,821,391</b>	<b>\$ (13,407,871)</b>	<b>\$ 80,413,520</b>
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EXPENDITURES BY OPERATING GROUP			
Board of Directors	\$ 187,043	\$ -	\$ 187,043
General Manager	1,194,988	-	1,194,988
Business Services**	18,256,795	3,648,691	21,905,486
Collection Services	7,835,953	-	7,835,953
Technical Services	7,208,954	-	7,208,954
Treatment & Disposal Services	15,921,122	-	15,921,122
Fabrication, Maint & Construction	10,672,350	-	10,672,350
Capital Projects *	28,240,200	14,949,000	43,189,200
Special Projects *	3,960,104	-	3,960,104
<b>Sub Total by Group</b>	<b>\$ 93,477,509</b>	<b>\$ 18,597,691</b>	<b>\$ 112,075,200</b>

\* Capital Projects and Special Projects are managed by multiple departments on a collaborative basis.

\*\* Business Services manages all debt payments for the District.

## REVENUES

	Actual * FY 18/19	Actual * FY 19/20	Budget FY 20/21	Projected FY 20/21	Proposed Budget FY 21/22	Variance to 20/21 Budget	% Change
<b>Revenues</b>							
Sewer Service Charge	\$ 57,330,651	\$ 60,216,148	\$ 60,500,000	\$ 62,250,000	\$ 74,716,000	\$ 14,216,000	23.5%
Capacity Fees	16,158,027	14,179,464	5,712,200	3,927,900	4,949,820	(762,380)	-13.3%
Work Group Revenues	1,321,729	1,285,438	1,293,500	1,192,200	1,260,900	(32,600)	-2.5%
Interest	2,657,281	3,115,507	1,150,000	1,290,000	1,512,000	362,000	31.5%
Other Revenues	866,298	174,673	75,000	32,745	50,000	(25,000)	-33.3%
Net Loan Proceeds	-	37,000,000	-	-	110,000,000	110,000,000	-
<b>Total Revenues</b>	<b>\$ 78,333,986</b>	<b>\$ 115,971,230</b>	<b>\$ 68,730,700</b>	<b>\$ 68,692,845</b>	<b>\$ 192,488,720</b>	<b>\$ 123,758,020</b>	<b>180.1%</b>

\* Actual numbers based on modified accrual basis to reflect budget accounting

**Sewer Service Charges** - The principal revenue source for the Sewer Service Fund is the annual Sewer Service Charges, which are projected to increase over the prior year budget by \$14,216,000 or 23.5%. This increase is a combination of several items. The first is the one time deferred amount from the prior year of \$4,080,283 that's being collected in FY 2022. The second is the FY 2022 scheduled rate increase of 8%. Single Family Dwellings (SFD) will increase from \$454.37 in FY 2021 to \$490.93 in FY 2022. Similarly, the annual Multi-family Dwelling rate will increase from \$400.58 in FY 2021 to \$432.63 in FY 2022. Residential rates account for approximately 75% of total sewer service charge revenues. For non-residential customers, rates are calculated annually using flow based on water usage and sewage strength.

The District collects 97% of the sewer service charge revenue on the Teeter plan through the Alameda County property tax bill. As a result, there has been no impact to revenue collection for the District due to Covid-19.

**Capacity Fees** - The principal revenue source for the Capacity Fund is Capacity Fees, which are expected to decrease by \$762,380 or 13.3% to the prior year budget. These fees are collected in accordance with the provisions of California Assembly Bill (AB) 1600 and are intended to mitigate the impacts of new development. In the case of the District, these fees are collected from new development as a requirement of connecting to the sewer system. As such, they can only be used for capital projects that preserve or increase the system's capacity to serve that new development. The entire region has experienced a slowdown in development largely attributed to the impacts of Covid 19. While there is still strong activity in the development sector, with a number of large projects planned, the District has chosen to be conservative in its forecasting of capacity revenue.

**Work Group Revenues** - These revenues consist of field inspection fees, plan check fees, permits, external work orders, and services provided to the City of Fremont's Urban Runoff program. Because these items tend to vary based on external demands, anticipated revenues are typically

estimated in a conservative manner. For FY 2022 these revenues are expected to have a small decrease of \$32,600 or 2.5% compared to the prior year budget.

Interest Revenues – Investment earnings are expected to increase by \$362,000 or 31.5% to the prior year budget. This increase is directly attributable to the anticipated bond issuance of \$110 million dollars in September of 2021 and the resulting cash on hand. These funds will be invested in the California LAIF pool until they are utilized for project expenditures. Absent the bond earnings, interest revenue would decrease by \$290,000. Investment rates are expected to remain low for the budget year.

Loan Proceeds - The District anticipates issuing \$110 million in Revenue Bonds in the fall of 2021. These bonds will provide \$80 million for the ETSU Phase 1A project and an additional \$30 million for other CIP projects.

## EXPENDITURES

	Actual * FY 18/19	Actual * FY 19/20	Budget FY 20/21	Projected FY 20/21	Proposed Budget FY 21/22	Variance to 20/21 Budget	% Change
<b>Expenditures by Type</b>							
Operating	\$37,204,183	\$ 41,518,799	\$ 45,186,355	\$43,756,720	\$ 47,020,403	\$ 1,834,048	4.1%
Internal Funds	3,071,521	2,091,781	2,647,022	2,463,156	5,886,401	3,239,379	122.4%
Debt Service	3,862,731	3,584,921	4,684,773	4,379,920	12,019,092	7,334,319	156.6%
Special Projects	913,255	1,288,761	2,723,000	928,993	3,960,104	1,237,104	45.4%
Capital Projects	6,593,915	12,695,833	42,682,500	39,197,003	43,189,200	506,700	1.2%
<b>Total Expenditures</b>	<b>51,645,605</b>	<b>61,180,095</b>	<b>97,923,650</b>	<b>90,725,792</b>	<b>112,075,200</b>	<b>14,151,550</b>	<b>14.5%</b>
<b>EXPENDITURES BY OPERATING GROUP</b>							
Board of Directors	142,215	141,278	180,354	178,354	187,043	6,689	3.7%
General Manager	800,880	919,583	1,066,753	1,058,833	1,194,988	128,235	12.0%
Business Services	9,187,579	9,910,103	11,155,858	10,668,365	21,905,486	10,749,628	96.4%
Collection Services	7,441,010	7,233,990	7,701,282	7,678,993	7,835,953	134,671	1.7%
Technical Services	6,104,798	6,577,565	6,815,278	6,670,324	7,208,954	393,676	5.8%
Treatment & Disposal Services	11,233,736	13,020,113	15,187,206	14,167,249	15,921,122	733,916	4.8%
Fabrication, Maint & Const	9,228,217	9,392,869	10,411,419	10,177,678	10,672,350	260,931	2.5%
Capital Projects **	6,593,915	12,695,833	42,682,500	39,197,003	43,189,200	506,700	1.2%
Special Projects **	913,255	1,288,761	2,723,000	928,993	3,960,104	1,237,104	45.4%
<b>Sub Total by Group</b>	<b>\$51,645,605</b>	<b>\$ 61,180,095</b>	<b>\$ 97,923,650</b>	<b>\$90,725,792</b>	<b>\$112,075,200</b>	<b>\$ 14,151,550</b>	<b>14.5%</b>

\* Actual numbers based on modified accrual basis to reflect budget accounting

\*\* Capital Projects and Special Projects are managed by multiple departments on a collaborative basis

Overall, District expenditures are expected to increase by \$14.2 million or 14.5%. The following pages discuss the significant change in expenditures for FY 2022.

Operating Expenses							
	Actual * FY 18/19	Actual * FY 19/20	Budget FY 20/21	Projected FY 20/21	Proposed Budget FY 21/22	Variance to 20/21 Budget	% Change
<b>Salaries &amp; Benefits</b>							
Salaries	\$ 17,525,644	\$ 19,019,548	\$ 19,009,118	\$ 19,182,936	\$ 20,024,866	\$ 1,015,748	5.3%
Pension	4,275,816	5,025,687	6,198,861	6,201,861	6,973,738	774,877	12.5%
Health Care Benefits	2,912,814	2,969,243	3,751,220	3,751,220	3,919,896	168,676	4.5%
Workers Compensation	290,765	395,340	382,581	382,581	360,417	(22,164)	-5.8%
Training	272,599	174,798	423,300	168,350	340,450	(82,850)	-19.6%
Other	445,951	488,684	601,842	564,257	599,962	(1,880)	-0.3%
<b>Sub Total Salaries and Benefits</b>	<b>25,723,589</b>	<b>28,073,300</b>	<b>30,366,922</b>	<b>30,251,205</b>	<b>32,219,329</b>	<b>1,852,407</b>	<b>6.1%</b>
Utilities	2,226,132	2,138,842	2,622,050	2,626,100	2,486,050	(136,000)	-5.2%
Biosolids	771,995	910,169	1,481,000	1,011,143	1,496,000	15,000	1.0%
Supplies	2,013,480	2,256,859	2,228,720	2,059,803	2,206,940	(21,780)	-1.0%
Chemicals	2,153,023	2,582,245	2,639,500	2,508,388	2,795,252	155,752	5.9%
Repair & Maintenance	2,985,223	3,397,476	3,778,343	3,396,846	3,689,612	(88,731)	-2.3%
Other	1,330,741	2,159,908	2,069,820	1,903,235	2,127,220	57,400	2.8%
<b>Total Operating Expenditures</b>	<b>\$ 37,204,183</b>	<b>\$ 41,518,799</b>	<b>\$ 45,186,355</b>	<b>\$ 43,756,720</b>	<b>\$ 47,020,403</b>	<b>\$ 1,834,048</b>	<b>4.1%</b>

### **Salaries and Benefits**

District wide, personnel expenses are budgeted to increase \$1,852,407 or 6.1% over the prior year budget. The major items are discussed below:

- Salaries are budgeted to increase \$1,015,748 or 5.3%. The increase results from, prior year wage agreements, classified scheduled step increases, two full time limited term ETSU positions that were approved and budgeted for a portion of the prior year and are now budgeted for the full year and the addition of a full time limited term operator.
- Pension expenses are budgeted to increase of \$774,877 or 12.5% to the prior year budget based upon rates provided by CalPERS. The District prepays the annual Unfunded Liability Payment in July of each year, rather than paying in 12 monthly installments, generating a cost savings of \$145,000.
- Health Care Benefit costs will increase by \$168,676 or 4.5% over the prior year budget based on premium information provided by the District's health care provider.
- Workers Compensation costs will decrease \$22,164 or 5.8% due to an improved experience modification (x-mod). Significant efforts have been undertaken by the District to not only maintain, but to improve safety awareness.
- Training will decrease by \$82,850 or 19.6% largely due to the lingering impacts of Covid 19 on travel and as well as an emphasis on remote access learning.
- Other salary and benefits costs will decrease by \$1,880 to the prior year budget. Other salary and benefit costs consist of Medicare and unemployment taxes, membership fees and certain safety program expenditures.

### **Other Operating Expenditures**

Other Operating expenses are budgeted, in total, to decrease \$18,359 to the prior year budget. The major items are discussed below:

- Utilities are decreasing \$136,000 or 5.2%. In the prior year (FY 21), PGE was indicating significant rate increases, but at budget time had not provided exact rate impacts. In anticipation of the increase, the District budgeted for the worst case. The actual increase was slightly lower than anticipated leading to a reduction in the 2022 budget.
- Biosolids disposal is remaining relatively flat with a \$15,000 increase. In 2021, the District conducted an RFP for biosolids hauling resulting in an 18 month contract with 3 one year extensions contract.
- Supplies are decreasing \$21,780 or 1.0%. Despite price increases, the District continues to find ways to keep supply costs down through focused purchasing and supply management.
- Chemicals are budgeted to increase \$155,752 or 5.9%. The main increases are for Hydrogen Peroxide, Hypochlorite and Polymers. These chemicals are used in the treatment of plant flows and for odor controls.
- Repair and Maintenance costs are decreasing by \$88,731 or 2.3% to FY 2021. This account varies year over year depending on the anticipated need of plant and equipment maintenance
- Other expenditures, which consists of rents, professional fees, permits, insurance costs and small asset purchases are budgeted to increase \$57,400 or 2.8% in the aggregate. A detailed analysis shows increases in insurance, contractor services and professional fees with reductions in certain consulting costs.

INTERNAL FUNDS							
Fund Description	Actual FY 18/19	Actual FY 19/20	Budget FY 20/21	Projected FY 20/21	Proposed Budget FY 21/22	Variance to 20/21 Budget	% Change
Other Post Employment Benefits - Fund 40	\$1,333,416	\$1,392,371	\$1,208,354	\$1,208,354	\$1,421,401	\$ 213,047	17.6%
115 Pension Trust - Fund 45 (New Fund)	-	-	-	-	3,000,000	3,000,000	100.0%
Vehicles & Equip Replacement - Fund 50	725,877	42,258	77,868	101,802	125,000	47,132	60.5%
Information Systems Replacement - Fund 60	690,885	412,483	960,800	953,000	940,000	(20,800)	-2.2%
Plant and Pump Station Replacement - Fund 70	321,343	244,669	400,000	200,000	400,000	-	0.0%
<b>Total</b>	<b>\$3,071,521</b>	<b>\$2,091,781</b>	<b>\$2,647,022</b>	<b>\$2,463,156</b>	<b>\$5,886,401</b>	<b>\$ 3,239,379</b>	<b>122.4%</b>

### **Other Post Employment Benefits (OPEB) – Fund 40**

OPEB expenditures for the District are increasing \$213,047 or 17.6% to the prior year. The increase is largely related to a new policy, Pension and OPEB Policy 2095, adopted by the District in 2021 to increase and maintain the program funding percentages between 90% and 100%. These additional funds will work toward achieving that policy goal.

### **115 Pension Trust - Fund 45**

115 Pension Trust, fund 45, is a new fund to facilitate the policy discussed in the paragraph above. Similar to OPEB, the long term goal is to increase the funding percentage of the District pension plan. Annually, the Board determines an amount to contribute into a qualified 115 Trust. This Trust accumulates funds, along with the related investment income, to be used for paying future qualified pension expenses. This strategy is expected to save the District \$24 million dollars over the next 27 years in pension costs.

### **Vehicle and Equipment Replacement – Fund 50**

For FY 2022 the District is planning on purchasing an Air Release Valve Vacuum Truck to replace a vehicle that is being retired.

### **Information Systems Replacement – Fund 60**

The following schedule details the budgeted expenditures for Information Systems. This list changes from year to year depending on the projects and equipment needs of the department.

<b>Renewal &amp; Replacement - Information Systems</b>	
<b>Project/System</b>	
Small Equipment (Laptops, Switches, Routers, etc.)	\$ 409,000
Non-Residential Billing Replacement Phase 2	125,000
Permit Tracking System Replacement	125,000
GIS	88,000
Electronic Records Management	63,000
IT Security	40,000
ERP Replacement (Begin Planning)	37,500
Portal Proficy Replacement	37,500
Neo Gov Expansion	15,000
<b>Total</b>	<b>\$ 940,000</b>

### **Plant and Pump Station Replacement – Fund 70**

The following schedule details the budgeted expenditures for the Plant and Pump Stations. These expenditures are determined based on plant wide assessments conducted each year.

<b>Renewal &amp; Replacement - Plant and Pump Station</b>	
Unplanned Maint/Replacement of EBDA pump station	\$ 215,000
New Assets (2 polymer skids for GBT's, purchase 3 rebuild kits for NPS & IPS, 1 Sampler)	185,000
<b>Total</b>	<b>\$ 400,000</b>

Debt Service							
Debt	Status	FY Issued	Maturity	Payments FY Start	FY 21/22 Principal & Interest		
					Payment Sewer Srv	Payment Capacity	Total Payment
2020A Revenue Bonds	Issued	19/20	2050	19/20	\$ 1,937,829	\$ 2,569,237	\$ 4,507,066
2021A Revenue Bonds	Anticipated	21/22	2052	21/22	6,432,572	1,079,454	7,512,026
					<u>\$ 8,370,401</u>	<u>\$ 3,648,691</u>	<u>\$ 12,019,092</u>

2021A Revenue Bonds - During FY 2022 the District anticipates issuing bonds in the amount of \$110 million dollars. Approximately \$80 million dollars of the issuance will be used to fund Phase 1A of the ETSU program. The balance of \$30 million will be used to fund three CIP projects scheduled to begin in FY 2022.

Water Infrastructure Finance and Innovation Act (WIFIA) Loan - In the fall of 2020, the District applied to be considered for an WIFIA loan to fund a portion of the \$350 million ETSU project. In January 2021, the District was invited to the second phase of the loan process and anticipates being awarded a \$189 million dollar loan in the fall of 2021. The District will have eight years to fully draw down the loan at which time the principal and any capitalized interest will begin repayment.

The debt payment budgeted above for the 2021A bonds is an estimate. The actual debt payment will be determined once the issuance is complete and final terms of the bonds are established.

Special Project Expenditures					
DESCRIPTION	Adopted Budget FY 20/21	Estimated Actual FY 20/21	Estimated Carryover	New \$ (Provision)	Proposed Budget FY 21/22
<b>Administrative &amp; Regulatory</b>					
Anticipated Biosolids Coalition Membership Dues	\$ 25,000	\$ 25,000	\$ -	\$ 25,000	\$ 25,000
Anticipated Election Costs	-	-	-	940,104	940,104
GIS JPA	30,000	30,000	-	30,000	30,000
HR NEOGov Onboarding System	10,000	-	-	-	-
Property Acquisition	1,500,000	-	1,500,000	-	1,500,000
Public Information Program	70,000	60,000	10,000	55,000	65,000
Public Outreach Programs	150,000	100,000	50,000	75,000	125,000
<b>Sub-Total Administrative &amp; Regulatory</b>	<b>1,785,000</b>	<b>215,000</b>	<b>1,560,000</b>	<b>1,125,104</b>	<b>2,685,104</b>
<b>Studies &amp; Other</b>					
ACWD/SFPUC Joint Reclaimed Water Study	75,000	12,601	-	-	-
Alvarado Sub-Surface Investigation (Plant Groundwater Monitoring)	8,000	5,364	2,636	7,364	10,000
Capacity Fee Study	25,000	20,000	-	-	-
CIP Front End Specs Update	10,000	-	5,000	-	5,000
Cogen Replacement and Ventilation Study	-	-	-	125,000	125,000
Cost of Service Analysis (COSA)	-	7,098	-	-	-
Digester 8 Feasibility Study	-	-	-	100,000	100,000
Energy Resiliency Study	-	-	-	100,000	100,000
Financial Master Plan	40,000	-	-	-	-
Fiscal Model Update	25,000	15,000	10,000	20,000	30,000
Forcemain Condition Assessment	30,000	30,000	-	5,000	5,000
Forcemain Geotech Investigation at Alameda Creek	100,000	100,000	-	30,000	30,000
Headworks Degritting	-	-	-	200,000	200,000
Irvington Basin MP Update	270,000	210,000	60,000	20,000	80,000
Local Limits Study	-	-	-	70,000	70,000
Odor Control Pilot Study	305,000	292,079	12,921	7,079	20,000
Old Alameda Creek Report of Waste Discharge (ROWD)	50,000	21,851	-	-	-
Pump Stations Asset Condition Assessment	-	-	-	250,000	250,000
Seal Level Rise Study Update	-	-	-	150,000	150,000
Thermal Dryer Feasibility Study	-	-	-	100,000	100,000
<b>Sub-Total Studies &amp; Other</b>	<b>938,000</b>	<b>713,993</b>	<b>90,557</b>	<b>1,184,443</b>	<b>1,275,000</b>
<b>Total Special Projects</b>	<b>\$ 2,723,000</b>	<b>\$ 928,993</b>	<b>\$ 1,650,557</b>	<b>\$ 2,309,547</b>	<b>\$ 3,960,104</b>

The special projects fund accounts for expenditures that are outside the year over year operating costs of the District and also do not meet the definition of a capital project. Many of the items are assessments of plant and system conditions or feasibility studies for future capital projects. A discussion of some of the major items follows:

Anticipated Election Costs - These funds have been set aside for the upcoming Board Elections to be held at the time of the primary elections in March of 2022.

Property Acquisition - Each year the District sets aside funds for property acquisition should one or more properties of interest become available. The primary purpose of property acquisition is for future plant or pump station expansion.

Digester 8 Feasibility Study- This study is to determine the feasibility of removing several of the current digesters and replacing them with a larger and newer digester. This project could potentially save the district money for long term repair and maintenance costs on the older digesters and provide more capacity with a larger digester.

Energy Resiliency Study - This study will evaluate the feasibility of different energy projects (solar, wind, batteries, and cogeneration) at the Plant, pump stations, lift stations, and other District parcels located in the service area.

Headworks Degritting - This study will evaluate several projects at the Plant and determine site and system requirements, construction sequence, operational constraints, and extent of the projects' scope. Projects include the Degritting at Headworks, Odor Scrubber Replacement at the East and West Primary Clarifier Buildings and Headworks, Primary Clarifiers 1-4 Seismic Upgrade, and Plant 1 and 2 Water Improvements. One key system evaluation will be the primary sludge piping system as a result of adding the new degritting process at the Headworks Building and eliminating the existing degritters in the Degritter Building.

Pump Station Assessment - This study will conduct a condition assessment of the pump and lift stations' major assets and recommend the renewal and replacements of these assets based on their remaining useful life. This study will be updated every five years.

Sea Level Study Update - This study will evaluate the current sea level rise projections and the effect the projections will have on the District's facilities. The study will recommend measures for the District to mitigate the impact.

Thermal Dryer Feasibility Study - This study will evaluate the feasibility of USD installing and operating a thermal dryer. A thermal dryer uses natural or biogas to heat dewatered biosolids to reduce the water content and create Class A biosolids which expands the possible re-use options for the biosolids.

# FUND BALANCE



New Control Pumps and Piping for Digester 7

<b>RESERVE/ALLOCATION BALANCES</b>	
Operating Cash Flow	\$ 24,068,200
Structural Renewal & Replacement	50,075,000
Emergency	7,250,000
Short Term Liquidity	5,000,000
Parity Debt (does not include 2021A requirements)	2,887,200
Risk Management	1,000,000
Industrial Customer Stabilization	1,400,000
Unspent Debt Issuance (does not include 2021A funds)	7,740,000
<b>Total Restricted/Allocated Balances</b>	<b>\$ 99,420,400</b>

Reserves listed above are discussed below:

Operating Cash Flow – Sewer Service Charge revenues are collected by the Alameda County Tax Collector’s Office and remitted to the District in two major installments in December and April of each year. For the District to pay its ongoing expenditures throughout the year, it reserves between three and six months (25-50%) of gross operating expenditures at the start of each fiscal year.

Structural Renewal & Replacement – To maintain the ability to renew and replace infrastructure, this reserve is funded at the average annual renewal/replacement capital costs based on the 10-year CIP. This is a conservative approach.

Emergency – In order to help mitigate the financial impacts of an emergency or catastrophic event, the District has an Emergency Reserve. The target for FY 2022 is \$7.25 million.

Short-Term Liquidity – The District maintains a minimum amount of immediately available funds, to cover the rolling 6-month average monthly payroll, plus a rolling 6-month average of the monthly accounts payable, held in a local bank account, in cash deposits.

Parity Debt Reserve- This fund was recently established to cover debt covenants associated with the recent Series 2020A bond issuance. This amount will be increased accordingly when the proposed 2021A bond issuance is completed.

Risk Management - The District is a member of and purchases liability insurance from the California Sanitation Risk Management Association (CSRMA). The deductible of \$500,000 reduces the amount of premiums charged to the District. To account for an event that is either not covered by insurance or under the deductible amount, the District reserves two times the annual deductible amount, based on claims history.

Industrial Customer Stabilization- The District has several Significant Industrial Users (SIUs). This reserve allows the District to implement appropriate responses and actions should one or more of

these SIUs significantly scale back or cease operations unexpectedly, resulting in a rapid loss of revenue to the District.

Unspent Debt Issuance – These funds represent the unspent 2020A bond issuance. They are maintained in a separate investment account and are being drawn down for specifically identified projects as they progress.

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# CAPITAL IMPROVEMENT PLAN



Looking West Across the Aeration Basins

# Capital Improvement Pan

Capital improvements are construction or renovation activities that add value to the Districts fixed assets (pipelines, buildings, facilities, and equipment) or significantly extend their useful life. Each year, the District reviews it's 20 year Capital Improvement Program (CIP) based on factors such as growth, regulatory requirements, planning documents, and existing asset management needs. The rehabilitation, replacement, improvement, and expansion of the District's facilities continue to be the key drivers for the proposed Fiscal Year 2022 CIP. The District funds an extensive CIP plan that is designed to preserve, maintain, and enhance assets, meet regulatory requirements, accommodate the community's needs, and protect public health and the environment.

In the next 12 to 18 months the District expects to have over 45 individual capital projects underway that will be completed in the next 1 to 7 years totaling in excess of \$440 million dollars. The following pages provide a description of those projects followed by a breakout summary of the CIP projects for the next five years. The appendix contains a detailed summary of the entire 20 year CIP budget.

CIP Project Descriptions	
Cathodic Protection Improvements	The Cathodic Protection Improvements project will replace the existing cathodic protection systems at the Plant, pump stations, and force mains. The purpose of the cathodic protection systems is to prevent the corrosion of buried steel, ductile iron, and cast iron pipelines, fittings, and other structures. District staff surveys and tests all of the cathodic protection systems annually and will hire a consultant to determine if any of the systems need to be replaced.
ETSU - Campus Building	This project will replace the Administration, Control, and Facilities Maintenance Buildings with one combined campus building.
Field Ops Bldg. Seismic Upgrade and Leak Repairs	This project will include seismic retrofits and leak repairs to the Field Operations Building.
FMC Storage	This project will provide equipment and materials storage for the FMC Work Group.
Solar Panels/Inverters Replacement at Carport	This project will replace the solar panels and/or power inverters of the Solar Carport System located at the Plant. The schedule of replacement is based on a 20-year useful life for the solar panels and a 10-year useful life for the power inverters.
Solar Panels/Inverters Replacement at Irvington	This project will replace the solar panels and power inverters for the photovoltaic system located at the Irvington Pump Station. The schedule of replacement is based on a 20-year useful life for the solar panels and a 10-year useful life for the power inverters.
Cast Iron/Pipe Lining	This project will install cured-in-place pipe (CIPP) inside existing deteriorated sewer mains without trenching. District staff will review the CCTV inspection of the sewer mains and identify the mains that are candidates for CIPP rehabilitation. This includes budgets for multiple phases of work.
Central Avenue Sanitary Sewer Relocation	This project will relocate an existing sewer main on Central Avenue in the City of Newark to accommodate the City's plans to construct an overpass above the railroad crossing.

Gravity Sewer Rehab/Replacement	This project will rehabilitate and/or replace existing deteriorated sewer mains by open cut trenching. District staff will review the CCTV inspection of the sewer mains and identify the mains that are candidates for rehabilitation/replacement by the open cut trenching method. This includes budgets for multiple phases of work.
RCP Sewer Rehab (Alvarado Basin)	This project will rehabilitate deteriorated sewer trunk mains located in the Alvarado Basin that are primarily reinforced concrete pipe (RCP) by the CIPP method. The project timing will correspond with the completion of the condition assessment phase of the drainage basin's master plan update.
RCP Sewer Rehab (Irvington Basin)	This project will rehabilitate deteriorated sewer trunk mains located in the Irvington Basin that are primarily reinforced concrete pipe (RCP) by the CIPP method. The project timing will correspond with the completion of the condition assessment phase of the drainage basin's master plan update.
Cherry St PS	This project will include electrical and mechanical improvements to the Cherry Street Pump Station.
Forcemain Corrosion Repairs - Phase 3	This is the third of four phases to repair or replace corroded steel fittings, pipes, and valves in the manholes along the east force main between Irvington Pump Station and Newark Pump Station.
Forcemain Corrosion Repairs - Phase 4	This is the fourth of four phases to repair or replace corroded steel fittings, pipes, and valves in the manholes along the west force main between Irvington Pump Station and Newark Pump Station.
Irvington PS Pumps and VFDs	This project will replace the wastewater pumps, variable frequency drives, piping, backup generator, and other equipment at the Irvington Pump Station.
Newark and Irvington PS Chemical System Improvements	This project will replace the odor control systems, chemical storage and pumping systems, and other miscellaneous work at Newark Pump Station and Irvington Pump Station.
Pump Station Asset Condition Assessment R&R	These are budget placeholders for replacing equipment at the pump and lift stations based on recommendations from the 2015 Pump Station Master Plan (which will now be called Pump Station Asset Condition Assessment Study) and any subsequent updates.
Sanctuary West Pump Station	This is a budget placeholder for the replacement of the Cherry Street Pump Station when the Sanctuary West housing development is constructed.
Transport System Misc. Projects	These are budget placeholders for transport system needs.
Wet Weather Flow Management	This is a budget placeholder for projects related to USD's wet weather flow management needs.
Aeration Blower 11 and East Blower Bldg Improvements	This project will install a second high speed aeration blower, upgrade the building ventilation system, and make structural repairs in the East Blower Building.
Alvarado Influent PS Improvements	This project will replace the wastewater pumps, variable frequency drives, piping, valves, electrical switchboard, and other miscellaneous improvements to the Alvarado Influent Pump Station.
Alvarado Influent Valve Box Gate Valves 1-2	This project will replace the force main knife gate valves at the Alvarado Influent Valve Box and the Headworks Valve Box.
Centrifuge Building Improvements	This project will replace the horizontal and inclined conveyors in the Centrifuge Building.
Centrifuge Replacement	This project will replace the centrifuges in the Centrifuge Building.
Centrifuge System Equipment Replacement	This project will replace pumps, conveyors, piping, and electrical equipment in the Centrifuge Building.
Cogen Engine No. 1 60K Block Replacement	This project will replace the engine block after the current engine block on Cogen No. 1 has operated for 60,000 hours.

Cogen Engine No. 2 60K Block Replacement	This project will replace the engine block after the current engine block on Cogen No. 2 has operated for 60,000 hours.
Digester No. 1 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 1 and its associated equipment, piping, and valves.
Digester No. 2 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 2 and its associated equipment, piping, and valves.
Digester No. 4 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 4 and its associated equipment, piping, and valves.
Digester No. 6 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Primary Digester No. 6 and its associated equipment, piping, and valves.
Digester No. 7	This project will construct new Primary Digester No. 7, hot water boiler, and iron salt chemical storage and feed system.
Emergency Outfall Outlet Improvements	This project will replace a portion of the final effluent discharge piping system at the Old Alameda Creek and construct a redundant pipeline and a new concrete apron around the final effluent discharge opening at the Creek.
ETSU - Aeration Basin Modifications	This project will modify Aeration Basins 1 through 7 to improve the plant's activated sludge system.
ETSU - Aeration Basin No. 8	This project will construct new Aeration Basin 8 to increase the plant's activated sludge system's capacity.
ETSU - Aeration Internal Lift Pumps	This project will replace the three carbon steel lift pumps at Lift Station 2.
ETSU - Blower 7-10 Replacement	This project will replace Blowers 7 through 10 with high speed aeration blowers.
ETSU - Secondary Clarifiers	This project will construct four new secondary clarifiers.
ETSU - Switchboard 4 Replacement	This project will replace 480-volt Switchboard 4.
ETSU - Effluent Facilities	This project will replace the chlorine contact tank, final effluent pump station, and reclaimed water pump station.
ETSU - Plant Equalization Storage	This project will construct primary effluent equalization storage at the existing Secondary Clarifiers 1 through 4 structures.
Flares Replacement	This project will replace the digester gas flare system when the Bay Area Air Quality Management District requires the flares shall meet the latest emissions limits.
Headworks Screens Replacement	This project will replace the two mechanical screens and one manual bar rack with three new mechanical screens.
MCC Replacement	This project will replace electrical motor control centers that have reached the end of their useful life.
Miscellaneous Improvements	This project will rehabilitate or replace miscellaneous structural and electrical improvements at various facilities at the plant.
Odor Scrubber System Improvements	This project will replace the odor control systems at the Headworks Building, Primary Clarifiers 1 through 4 Building, Alvarado Influent Pump Station, Centrifuge Building, WAS Thickening Building, Gravity Thickeners, and Degritter Building.
Plant 1 and 2 Water System Improvements	This project will construct a booster pump station to improve the capacity and pressure of the plant's 1 and 2 water systems.
Plant 5kV Switchgear	This project will replace the plant's 4,160-volt switchgear located in the Main Electrical Building.
Plant 12kV Switchgear	This project will construct a new 12,000-volt utility switchgear located near the Veasy Street entrance and replace the plant's existing 12,000-Volt utility switchgear located in the Main Electrical Building.

Plant Asset Condition Assessment R&R	These are budget placeholders for replacing equipment at the plant based on recommendations from the 2018 Plant Asset Condition Assessment Study, and any subsequent updates.
Plant Fiber Optic Network	These are budget placeholders for construction of underground communication duct banks to provide a route for the plant's fiber optic communication infrastructure.
Plant Mechanical and Electrical Projects	These are budget placeholders for the mechanical and electrical assets at the plant.
PLC Replacement	These are budget placeholders to replace the processor modules in the plant's programmable logic controllers located at all process areas.
Primary Clarifier (1 - 4) Seismic Upgrade	This project will upgrade the Primary Clarifiers 1 through 4 Building's structure to address seismic deficiencies identified in the 2016 Seismic Study.
Primary Clarifier Rehab (5-6)	This project will replace the clarifier mechanisms, modify the ventilation system, and rehabilitate the structural components of the Primary Clarifiers 5 and 6 Building, including Sludge Pump Room 3.
Secondary Digester No. 1 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Secondary Digester No. 1 and its associated equipment, piping, and valves.
Secondary Digester No. 2 Insp & Rehab	This project will conduct a condition assessment and rehabilitate Secondary Digester No. 2 and its associated equipment, piping, and valves.
Seismic Retrofit of Conc. Structures	These are budget placeholders for the seismic retrofit of concrete structures at the plant.
Site Drainage Improvements	This project will construct additional site waste pump station and piping system depending on the outcome of the Plant Site Drainage Study Update.
Sodium Hypochlorite Loop Improvements	This project will replace portions of the sodium hypochlorite piping system for the odor control system.
Standby Power Generation System Upgrade	This project will replace the plant's standby generators, Substation 2, and the Odor Control Building's switchgear.
Switchboard 3 Replacement	This project will replace Switchboard 3 located in the Main Electrical Building.
Thickeners 1 and 2 Rehabilitation	This project will replace the thickener mechanism and rehabilitate the concrete at Thickeners 1 and 2.
WAS Thickeners	This project will replace the gravity belt thickeners, pumps, motor control center, and programmable logic controller in the WAS Thickener Building.

# UNION SANITARY DISTRICT CIP FISCAL YEAR 21/22 - 20 YEAR FORECAST SUMMARY

Project Name	% Fund 80	% Fund 90	Rank	Total Project Cost	Spent in Prior Years	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27 to FY 31	FY 32 to FY 36	FY 37 to FY 41	Total
Admin Facilities														
Additional CS (Vehicle) Storage	100%	-	3	250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250	\$ -	\$ -	\$ 250
Cathodic Protection Improvements	100%	-	2	4,080	180	550	-	500	-	300	600	1,100	850	3,900
ETSU - Campus Building	100%	-	1	70,430	1,311	13,000	38,539	17,580	-	-	-	-	-	69,119
Field Ops Bldg. Seismic Upgrade and Leak Repairs	100%	-	1	3,300	-	-	-	-	200	-	3,100	-	-	3,300
FMC Storage	100%	-	3	300	-	-	-	300	-	-	-	-	-	300
Plant Paving	100%	-	3	1,750	-	-	-	-	-	-	950	600	200	1,750
Radio Repeater Antenna Replacement	100%	-	2	150	-	-	-	-	-	-	150	-	-	150
Solar Panels/Inverters Replacement at Alvarado	50%	50%	3	300	-	-	-	-	-	-	-	300	-	300
Solar Panels/Inverters Replacement at Carport	50%	50%	2	900	-	100	-	-	-	-	600	-	200	900
Solar Panels/Inverters Replacement at Irvington	50%	50%	2	2,100	-	300	-	-	-	-	-	1,800	-	2,100
				83,560	1,491	13,950	38,539	18,380	200	300	5,650	3,800	1,250	82,069
Collection System														
Cast Iron/Pipe Lining	100%	-	2	6,803	8	-	530	-	560	-	1,860	1,420	2,425	6,795
Central Avenue Sanitary Sewer Relocation	100%	-	1	1,085	35	50	1,000	-	-	-	-	-	-	1,050
Gravity Sewer Rehab/Replacement	100%	-	2	20,803	136	650	-	1,698	-	1,807	3,968	6,956	5,588	20,667
RCP Sewer Rehab (Alvarado Basin)	100%	-	1	4,900	-	-	-	-	200	2,200	2,500	-	-	4,900
RCP Sewer Rehab (Irvington Basin)	100%	-	1	9,678	78	2,200	2,500	-	-	-	4,900	-	-	9,600
RCP Sewer Rehab (Newark Basin)	100%	-	1	4,900	-	-	-	-	-	-	4,900	-	-	4,900
				48,169	257	2,900	4,030	1,698	760	4,007	18,128	8,376	8,013	47,912
Transport System														
Alameda Creek Crossing Lift Station	50%	50%	2	10,612	-	-	-	-	-	-	6,648	3,964	-	10,612
Cherry St. PS	-	100%	1	490	90	200	200	-	-	-	-	-	-	400
Equalization Storage @ Newark	-	100%	2	24,400	-	-	-	-	-	-	24,400	-	-	24,400
Forcemain Corrosion Repairs - Phase 3	100%	-	1	1,010	10	250	750	-	-	-	-	-	-	1,000
Forcemain Corrosion Repairs - Phase 4	100%	-	1	1,050	-	-	250	800	-	-	-	-	-	1,050
Forcemain Rehabilitation	100%	-	3	50,000	-	-	-	-	-	-	900	49,100	-	50,000
Irvington PS Pumps and VFDs	50%	50%	2	13,400	-	100	-	1,550	8,250	3,500	-	-	-	13,400
Newark and Irvington PS Chemical System Improve	45%	55%	2	7,840	140	2,500	5,200	-	-	-	-	-	-	7,700
Newark PS Pumps and VFDs	50%	50%	2	9,800	-	-	-	-	-	-	9,800	-	-	9,800
Pump Station Asset Condition Assessment R&R	100%	-	3	21,086	-	-	1,432	-	3,632	872	4,365	5,248	5,537	21,086
Sanctuary West Pump Station	-	100%	2	3,000	-	-	1,500	1,500	-	-	-	-	-	3,000
Transport System Misc. Projects	100%	-	3	4,750	-	-	250	250	250	250	1,250	1,250	1,250	4,750
Wet Weather Flow Management	100%	-	2	1,100	-	-	100	1,000	-	-	-	-	-	1,100
				148,538	240	3,050	9,682	5,100	12,132	4,622	47,363	59,562	6,787	148,298
Treatment Plant														
Aeration Blower 11 and East Blower Bldg Improve	-	100%	2	1,610	210	1,400	-	-	-	-	-	-	-	1,400
Alvarado Influent PS Improvements	50%	50%	2	7,221	2,221	5,000	-	-	-	-	-	-	-	5,000
Alvarado Influent Valve Box Gate Valves 1-2	100%	-	2	550	-	-	-	50	500	-	-	-	-	550
Centrifuge Building Improvements	50%	50%	2	1,270	770	500	-	-	-	-	-	-	-	500
Centrifuge Replacement	50%	50%	2	18,300	-	-	-	-	-	1,100	17,200	-	-	18,300
Centrifuge System Equipment Replacement	100%	-	2	13,600	-	-	-	-	-	900	12,700	-	-	13,600
Cogen Engine No. 1 60K Block Replacement	50%	50%	1	2,300	-	-	-	-	1,050	-	-	1,250	-	2,300
Cogen Engine No. 2 60K Block Replacement	50%	50%	1	3,600	-	-	1,000	-	-	-	1,150	-	1,450	3,600
Cogen Retrofit	50%	50%	2	2,100	-	-	-	-	-	-	2,100	-	-	2,100
Control Box No. 1 Improvements	100%	-	2	6,715	-	-	-	-	-	-	6,715	-	-	6,715
Degritter Building Roof (Seismic) Replacement	100%	-	2	4,990	-	-	-	-	-	-	3,660	1,330	-	4,990
Degritting at Headworks and Improvements	50%	50%	2	16,510	-	-	-	-	-	-	16,510	-	-	16,510
Diffuser Replacement	100%	-	3	1,600	-	-	-	-	-	-	-	1,600	-	1,600
Digester No. 1 Insp & Rehab	100%	-	2	10,700	-	-	200	1,400	2,800	-	-	6,300	-	10,700
Digester No. 2 Insp & Rehab	100%	-	1	9,380	3,330	150	-	-	-	-	-	5,900	-	6,050
Digester No. 3 Insp & Rehab	100%	-	3	4,235	-	-	-	-	-	-	413	3,822	-	4,235
Digester No. 4 Insp & Rehab	100%	-	3	4,320	-	-	-	-	420	3,900	-	-	-	4,320
Digester No. 5 Insp & Rehab	100%	-	3	4,480	-	-	-	-	-	-	4,480	-	-	4,480
Digester No. 6 Insp & Rehab	100%	-	3	14,750	-	-	200	1,000	4,650	-	-	-	8,900	14,750
Digester No. 7 Insp & Rehab	100%	-	3	5,100	-	-	-	-	-	-	-	-	5,100	5,100

**UNION SANITARY DISTRICT CIP FISCAL YEAR 21/22 - 20 YEAR FORECAST SUMMARY**

Project Name	% Fund 80	% Fund 90	Rank	Total Project Cost	Spent in Prior Years	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27 to FY 31	FY 32 to FY 36	FY 37 to FY 41	Total
Digester No. 7	-	100%	1	28,500	25,000	3,500	-	-	-	-	-	-	-	3,500
Emergency Outfall Outlet Improvements	50%	50%	1	1,900	500	1,400	-	-	-	-	-	-	-	1,400
ETSU - Aeration Basin Modifications	60%	40%	1	45,013	4,350	3,563	17,200	9,400	10,500	-	-	-	-	40,663
ETSU - Aeration Basin No. 8	40%	60%	1	15,200	-	4,000	7,500	3,700	-	-	-	-	-	15,200
ETSU - Aeration Internal Lift Pumps	60%	40%	1	3,725	-	425	1,600	900	800	-	-	-	-	3,725
ETSU - Blower 7-10 Replacement	60%	40%	1	11,200	-	1,500	4,900	2,800	2,000	-	-	-	-	11,200
ETSU - Secondary Clarifiers	60%	40%	1	111,185	110	3,700	10,350	36,000	50,125	10,900	-	-	-	111,075
ETSU - Switchboard 4 Replacement	60%	40%	1	1,650	-	-	150	1,000	500	-	-	-	-	1,650
ETSU - Effluent Facilities	60%	40%	1	38,175	-	800	975	17,025	10,475	8,900	-	-	-	38,175
ETSU - Plant Equalization Storage	25%	75%	1	32,000	-	-	-	1,000	1,500	4,249	25,251	-	-	32,000
ETSU - Nutrient Removal (Level 2 Year-round)	50%	50%	3	226,204	-	-	-	-	-	-	-	4,738	221,466	226,204
Flares Replacement	100%	-	2	6,170	-	-	670	5,500	-	-	-	-	-	6,170
Headworks Gates	100%	-	2	4,000	-	-	-	-	-	-	4,000	-	-	4,000
Headworks Screens Replacement	60%	40%	1	2,480	2,380	100	-	-	-	-	-	-	-	100
MCC Replacement	100%	-	2	965	-	50	400	-	-	-	515	-	-	965
Miscellaneous Improvements	100%	-	2	1,500	-	250	1,250	-	-	-	-	-	-	1,500
Odor Scrubber System Improvements	100%	-	2	47,965	-	-	-	-	610	1,242	14,518	22,046	9,549	47,965
Plant 1 and 2 Water System Improvements	100%	-	2	1,120	-	-	-	-	-	100	1,020	-	-	1,120
Plant 5kV Switchgear	100%	-	2	4,113	-	-	-	370	2,620	1,123	-	-	-	4,113
Plant 12kV Switchgear	100%	-	1	14,100	-	500	3,500	-	1,000	5,100	4,000	-	-	14,100
Plant Additional Power Source	50%	50%	3	10,000	-	-	-	-	-	-	-	-	10,000	10,000
Plant Asset Condition Assessment R&R	100%	-	2	27,299	-	-	100	150	4,086	475	6,772	10,576	5,140	27,299
Plant Fiber Optic Network	50%	50%	2	4,898	-	-	-	-	-	110	2,788	2,000	-	4,898
Plant Mechanical and Electrical Projects	100%	-	2	9,500	-	-	500	500	500	500	2,500	2,500	2,500	9,500
PLC Replacement	100%	-	2	2,250	-	-	250	-	300	-	350	400	950	2,250
Primary Clarifier (1 - 4) Seismic Upgrade	100%	-	1	6,050	-	-	682	3,758	1,610	-	-	-	-	6,050
Primary Clarifier Rehab (5-6)	75%	25%	2	22,575	-	-	-	-	1,445	9,680	11,450	-	-	22,575
Secondary Digester No. 1 Insp & Rehab	100%	-	3	8,136	-	-	334	3,089	-	-	-	4,713	-	8,136
Secondary Digester No. 2 Insp & Rehab	100%	-	3	8,581	-	-	-	-	-	353	3,258	-	4,970	8,581
Seismic Retrofit of Conc. Structures	100%	-	2	2,700	-	-	-	300	-	300	600	900	600	2,700
Site Drainage Improvements	50%	50%	2	6,226	-	-	-	400	830	2,776	2,220	-	-	6,226
Sodium Hypochlorite Loop Improvements	100%	-	2	1,300	-	50	650	600	-	-	-	-	-	1,300
Standby Power Generation System Upgrade	100%	-	1	33,240	2,340	500	16,000	12,100	2,300	-	-	-	-	30,900
Standby Power Generator No. 4	-	100%	3	21,599	-	-	-	-	-	-	-	2,057	19,542	21,599
Switchboard 3 Replacement	100%	-	2	2,228	-	200	1,428	600	-	-	-	-	-	2,228
Thickeners 1 and 2 Rehabilitation	100%	-	2	2,513	-	-	-	200	1,619	694	-	-	-	2,513
Thickeners 3 and 4 Rehabilitation	100%	-	3	3,281	-	-	-	-	-	-	-	3,281	-	3,281
WAS Thickeners	100%	-	1	14,860	860	500	8,000	5,500	-	-	-	-	-	14,000
Waste Recycling and Alternative Energy	-	100%	3	10,500	-	-	-	-	-	-	10,500	-	-	10,500
Grand Total				928,232	42,071	28,088	77,839	107,342	102,240	52,402	154,670	73,413	290,167	886,161
				\$ 1,208,499	\$ 44,059	\$ 47,988	\$ 130,090	\$ 132,520	\$ 115,332	\$ 61,331	\$ 225,811	\$ 145,151	\$ 306,217	\$ 1,164,440

# **UNION SANITARY DISTRICT CIP FISCAL YEAR 21/22 - 20 YEAR FORECAST SUMMARY**

Project Name	% Fund 80	% Fund 90	Rank	Total Project Cost	Spent in Prior Years	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27 to FY 31	FY 32 to FY 36	FY 37 to FY 41	Total
Total Administrative				\$ 83,560	\$ 1,491	\$ 13,950	\$ 38,539	\$ 18,380	\$ 200	\$ 300	\$ 5,650	\$ 3,800	\$ 1,250	\$ 82,069
Total Collection System				48,169	257	2,900	4,030	1,698	760	4,007	18,128	8,376	8,013	47,912
Total Transport				148,538	240	3,050	9,682	5,100	12,132	4,622	47,363	59,562	6,787	148,298
Total Treatment Plant				928,232	42,071	28,088	77,839	107,342	102,240	52,402	154,670	73,413	290,167	886,161
Grand Total				1,208,499	44,059	47,988	130,090	132,520	115,332	61,331	225,811	145,151	306,217	1,164,440
Repair & Replacement (Fund 800) Total				821,133	14,201	31,378	106,460	100,225	79,021	44,061	139,602	136,068	170,117	806,932
Capacity (Fund 900) Totals				387,366	29,859	16,610	23,630	32,295	36,311	17,270	86,209	9,083	136,100	357,508
				\$ 1,208,499	\$ 44,059	\$ 47,988	\$ 130,090	\$ 132,520	\$ 115,332	\$ 61,331	\$ 225,811	\$ 145,151	\$ 306,217	\$ 1,164,440
Repair & Replacement (Fund 800) Total - 90% to FY 22 Budget						\$ 28,240								
Capacity (Fund 900) Totals - 90% to FY 22 Budget						14,949								
						\$ 43,189								
Priority 1 Administrative				\$ 73,730	\$ 1,311	\$ 13,000	\$ 38,539	\$ 17,580	\$ 200	\$ -	\$ 3,100	\$ -	\$ -	\$ 72,419
Priority 1 Collection System				20,563	113	2,250	3,500	-	200	2,200	12,300	-	-	20,450
Priority 1 Transport				2,550	100	450	1,200	800	-	-	-	-	-	2,450
Priority 1 Treatment & Disposal				374,558	38,870	20,638	71,857	93,183	81,860	29,149	30,401	7,150	1,450	335,688
Total Priority 1				471,401	40,394	36,338	115,096	111,563	82,260	31,349	45,801	7,150	1,450	431,007
Priority 2 Administrative				7,230	180	950	-	500	-	300	1,350	2,900	1,050	7,050
Priority 2 Collection System				27,606	144	650	530	1,698	560	1,807	5,828	8,376	8,013	27,462
Priority 2 Transport				70,152	140	2,600	6,800	4,050	8,250	3,500	40,848	3,964	-	70,012
Priority 2 Treatment & Disposal				230,888	3,201	7,450	5,448	10,070	15,310	19,000	105,618	46,052	18,739	227,687
Total Priority 2				335,876	3,665	11,650	12,778	16,318	24,120	24,607	153,644	61,292	27,802	332,211
Priority 3 Administrative				2,600	-	-	-	300	-	-	1,200	900	200	2,600
Priority 3 Collection System				-	-	-	-	-	-	-	-	-	-	-
Priority 3 Transport				75,836	-	-	1,682	250	3,882	1,122	6,515	55,598	6,787	75,836
Priority 3 Treatment & Disposal				322,786	-	-	534	4,089	5,070	4,253	18,651	20,211	269,978	322,786
Total Priority 3				\$ 401,222	\$ -	\$ -	\$ 2,216	\$ 4,639	\$ 8,952	\$ 5,375	\$ 26,366	\$ 76,709	\$ 276,965	\$ 401,222

# OTHER INFORMATION



New Wastewater Pump, Piping and Gate Valve at the Alvarado Pump Station

<b>Annual Contract Purchases of Supplies, Services and Projects Renewal/Replacement Over \$100,000 for Fiscal Year 21/22</b>	
	<b>Estimated Expenditure</b>
<b>Supplies:</b>	
Sodium Hypochlorite, 1-Year	\$ 720,000
Hydrogen Peroxide, 1-Year	597,000
Ferrous Chloride, 1-Year	547,000
Polymer, Emulsion, 2-Year Contract with 3 Optional 1-Year Renewals	503,500
LMK (Inversion Lining Kits)	125,000
Polymer, Mannich, 2-Year Contract with 3 Optional 1-Year Renewals	105,000
<b>Total Supplies</b>	<b>\$ 2,597,500</b>
<b>Services:</b>	
Series 2021A - Annual Debt Service on Bonds	\$ 7,512,026
CalPERS Retirement	6,913,738
Series 2020A - Annual Debt Service on Bonds	4,507,066
CalPERS Medical	3,919,896
115 Pension Trust Contribution	3,000,000
PG&E - Alvarado Site (\$1,800,000) and Newark P.S. (\$251,000)	2,051,000
EBDA	1,678,912
Biosolids Contract	1,496,000
OPEB Retiree Medical Trust Additional Funding	910,000
Insurance (Property & Contents, Fleet, General Liability, Bonding)	500,900
Gas Media, 2-Year Contract with 3 Optional 1-Year Renewals	171,252
DGS Natural Gas Service, PG&E Billed Through DGS	115,000
<b>Total Services</b>	<b>\$ 32,775,790</b>
<b>Information Systems Projects:</b>	
Non-Residential Billing (NRB) Replacement Phase 2	\$ 125,000
Permit Tracking System (PTS) Replacement	125,000
<b>Total Information Systems Projects</b>	<b>\$ 250,000</b>

## UNION SANITARY DISTRICT

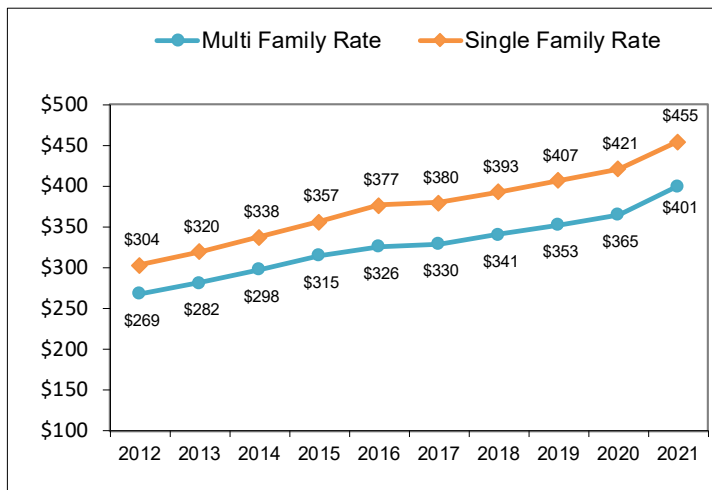
### Current and Historical Fees

As of June 30, 2020

Last Ten Years

#### Sewer Service Charge Rates

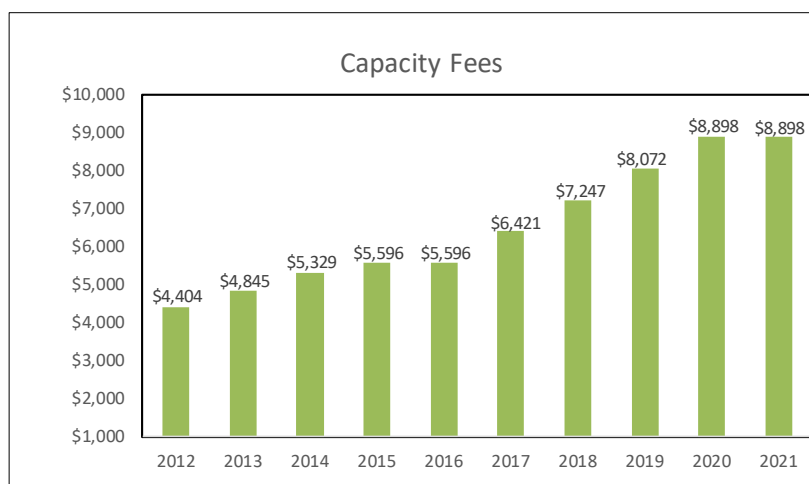
	Single Family Rate	Multi - Family Rate	Single Family Rate Percentage Change
2021	\$ 454.37	\$ 420.12	7.8%
2020	\$ 421.37	\$ 365.32	3.5%
2019	\$ 407.12	\$ 352.97	3.5%
2018	\$ 393.35	\$ 341.03	1.0%
2017	\$ 380.05	\$ 329.50	0.8%
2016	\$ 377.00	\$ 326.00	5.6%
2015	\$ 357.02	\$ 315.25	5.7%
2014	\$ 337.76	\$ 298.25	5.7%
2013	\$ 319.55	\$ 282.17	5.0%
2012	\$ 304.33	\$ 268.73	5.0%



The fees above are for residential units. A property with multiple housing units such as an apartment complex is charged \$365.32 for each dwelling unit on the property. Fees for commercial and industrial customers are based on the volume and strength of the wastewater being treated.

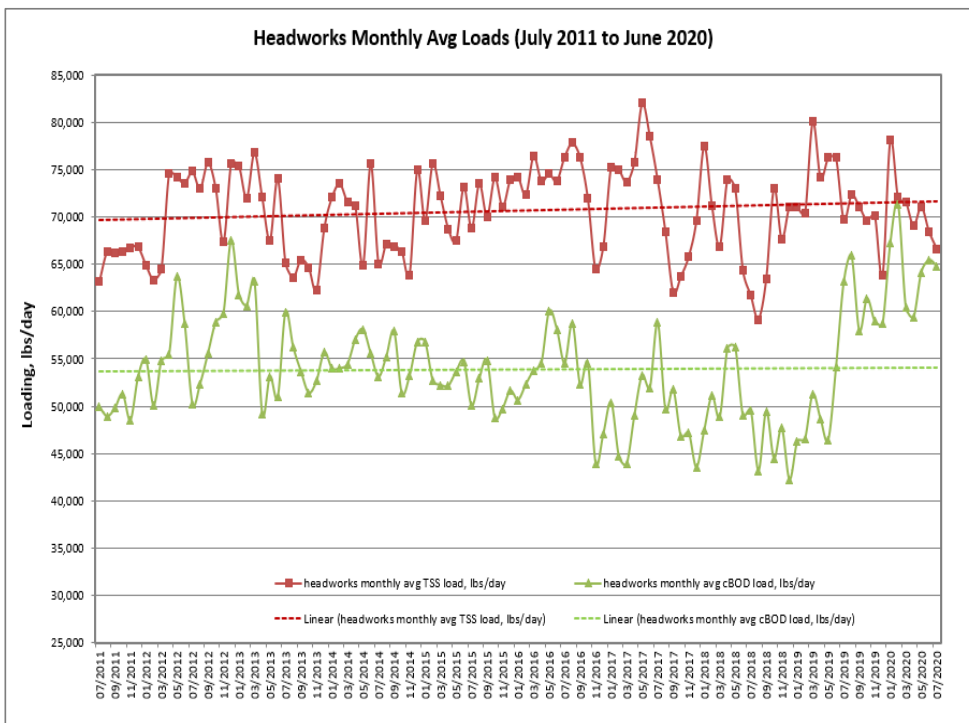
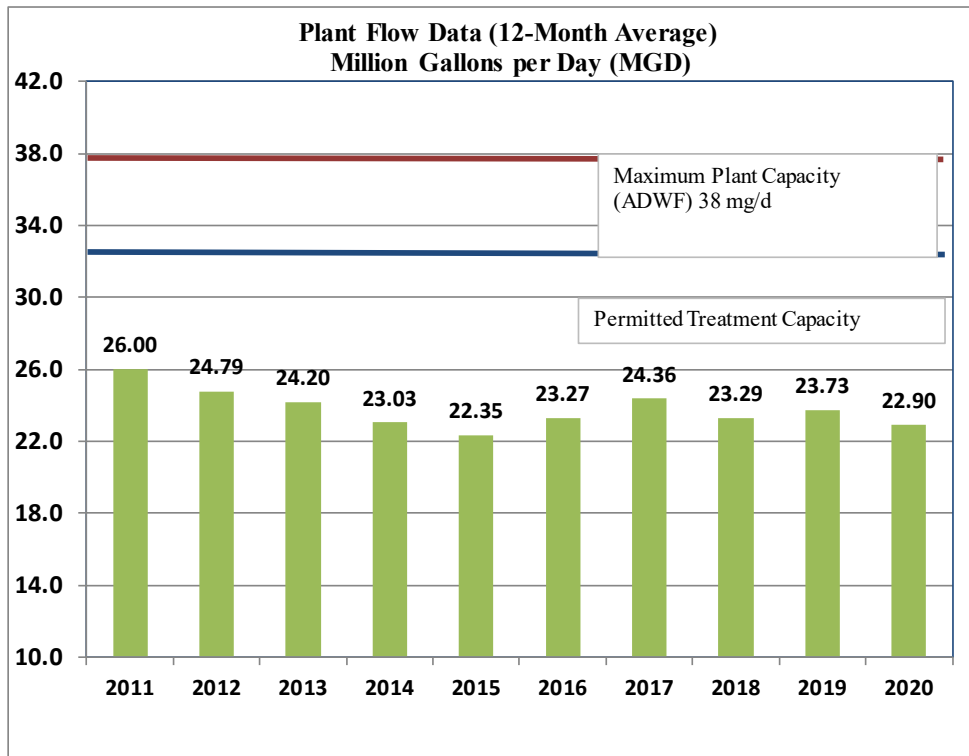
#### Capacity Fee Rates

		Percentage Change
2021	\$ 8,897.71	0.0%
2020	\$ 8,897.71	10.2%
2019	\$ 8,072.20	11.4%
2018	\$ 7,246.69	12.9%
2017	\$ 6,421.17	14.8%
2016	\$ 5,595.66	0.0%
2015	\$ 5,595.66	5.0%
2014	\$ 5,329.20	10.0%
2013	\$ 4,844.73	10.0%
2012	\$ 4,404.30	10.0%



The capacity fees shown are per dwelling unit. Other categories such as restaurants, warehouses, and mixed-use commercial facilities are based on square footage and other factors as per the Capacity Fee Ordinance.

**UNION SANITARY DISTRICT**  
Operating Indicators by Function/Program  
Average Daily Flow



Source: USD Treatment and Disposal Work Group

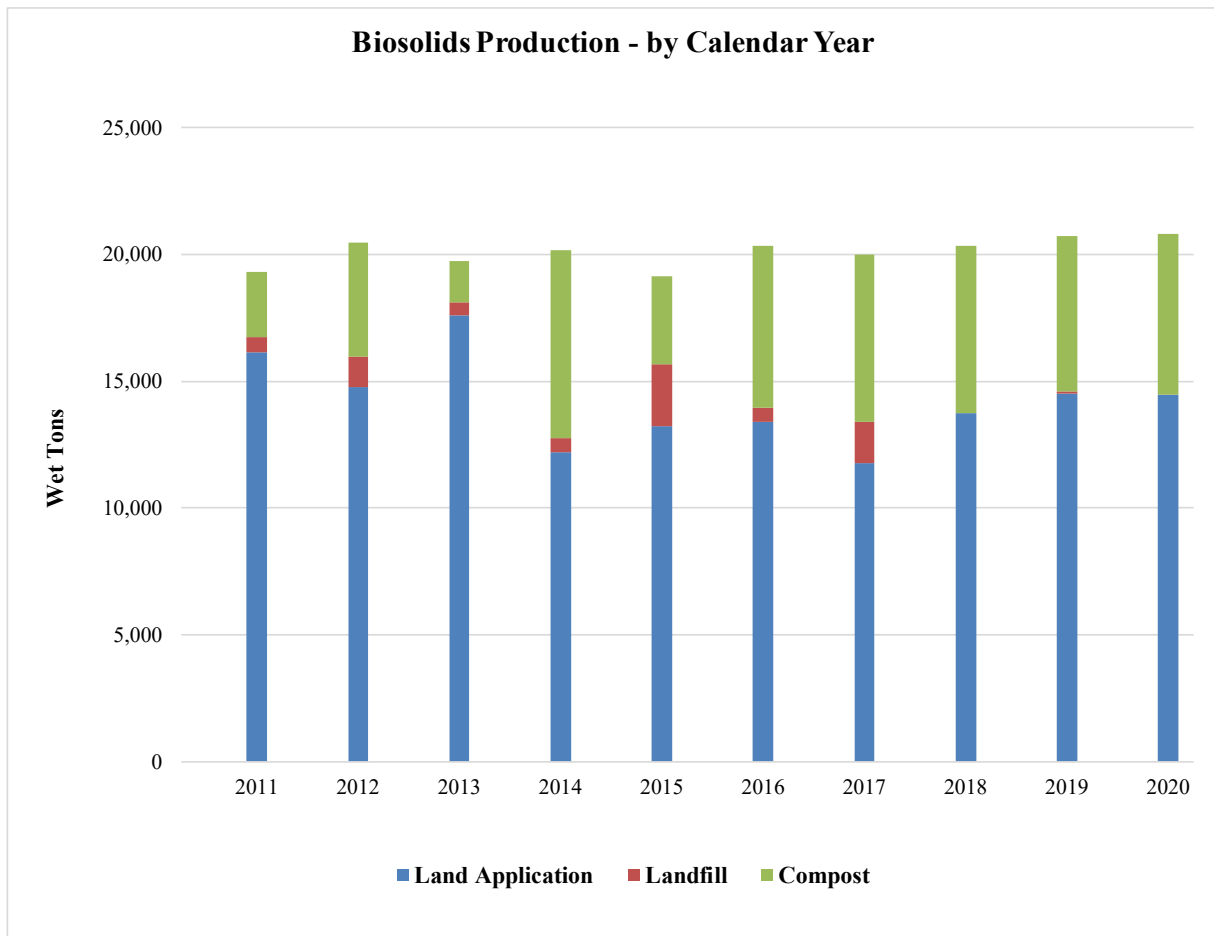
# UNION SANITARY DISTRICT

## Operating Indicators - Biosolids Last Ten Calendar Years

### Function/Program

#### Biosolids

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Land Application	16,160	14,770	17,597	12,212	13,212	13,395	11,784	13,733	14,529	14,451
Landfill	571	1,187	501	545	2,450	563	1,624	0	72	0
Compost	2,585	4,501	1,642	7,414	3,470	6,399	6,584	6,615	6,103	6,342
Total (in Wet Tons)	19,315	20,458	19,741	20,171	19,132	20,357	19,992	20,347	20,704	20,793



# **UNION SANITARY DISTRICT**

## Full-time Equivalent District Employees by Function/Program Last 10 Fiscal Years

Function/Program	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
System Ops & Maint (CS Supt, FMC, TPO, RST, Warehouse)	55.00	53.45	54.45	55.45	52.45	53.45	53.45	50.45	51.45	13.45
Engineering and construction (CIP, ETSU)	11.00	11.00	9.00	8.00	9.00	10.00	8.00	8.00	7.00	8.00
Collections System Maintenance (CS)	25.50	26.00	25.00	25.00	25.00	25.00	23.00	23.00	24.00	22.00
Office of the General Manager (GM)	2.00	2.00	2.00	2.00	2.00	2.00	3.00	1.00	2.00	3.00
Finance (FIST)	5.00	5.00	6.00	5.00	3.00	5.00	5.00	5.00	5.00	5.00
Information systems (IT)	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Admin (Adm Specialist, MMT, non-HR OST)	15.00	15.00	12.00	13.00	13.00	14.00	13.00	14.00	15.00	14.00
Customer and community services (Rest of TS)	20.00	20.00	21.00	21.00	20.00	20.00	18.00	19.00	19.00	19.00
Human resources (HR)	2.00	2.00	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00
Total # of Employees	140.50	139.45	136.45	136.45	131.45	136.45	131.45	128.45	131.45	92.45
Average years of service of employees as of June 30, 2020	10.63	10.20	10.20	10.41	10.60	10.54	11.25	11.97	11.70	17.28

CIP = Capital Improvements Projects Team  
 ETSU = Enhanced Treatment & Site Upgrade  
 FIST = Finance & Internal Support Team  
 FMC = Fabrication, Maintenance and Construction  
 MMT = Materials Management Team  
 OST = Organizational Support Team  
 RST = Research and Support Team  
 TPO = Total Productive Operations Team  
 TS = Technical Services Work Group

**UNION SANITARY DISTRICT**  
Ten Principal Industrial Rate Payers by Levy  
June 30, 2020

2019-20				2018-19			
Rate Payer	Total Annual Billing	Rank	% of Total Annual Billings	Rate Payer	Total Annual Billing	Rank	% of Total Annual Billings
Tesla	\$1,381,023	1	2.29%	Tesla	\$1,228,862	1	2.14%
Washington Hospital	314,394	2	0.52%	Washington Hospital	221,799	2	0.39%
U S Pipe	244,663	3	0.41%	U S Pipe	216,296	3	0.38%
Western Digital	187,814	4	0.31%	Western Digital	174,219	4	0.30%
Ranch 99/Warm Springs Shopping Center	161,740	5	0.27%	Ranch 99/Warm Springs Shopping Center	157,421	5	0.27%
Union Square Shopping Center/ Market Place	161,271	6	0.27%	Ranch 99/Newark	152,401	6	0.27%
Lam Research	160,087	7	0.27%	Marriott Hotel	141,572	7	0.25%
Ranch 99/Newark	148,835	8	0.25%	Union Square Shopping Center	138,482	8	0.24%
Marriott Hotel	133,716	9	0.22%	Lam Research	125,330	9	0.22%
Sterling Foods	127,508	10	0.21%	Gateway Plaza Shopping Center	125,202	10	0.22%
Total annual billing largest ten:	<u>\$3,021,050</u>		<u>5.02%</u>	Total annual billing largest ten:	<u>\$2,681,584</u>		<u>4.68%</u>
Total ALL annual billings	<u>\$60,216,149</u>			Total ALL annual billings	<u>\$57,330,651</u>		

2017-18				2016-17			
Rate Payer	Total Annual Billing	Rank	% of Total Annual Billings	Rate Payer	Total Annual Billing	Rank	% of Total Annual Billings
Tesla	\$817,848	1	1.51%	Tesla	\$1,141,868	1	2.18%
Western Digital	141,806	2	0.26%	Washington Hospital	206,132	2	0.39%
Solar City	172,276	3	0.32%	Western Digital	176,435	3	0.34%
U S Pipe	135,774	4	0.25%	Ranch 99/Warm Springs Shopping Center	161,772	4	0.31%
Seagate Magnetics	156,718	5	0.29%	Marriott Hotel	142,229	5	0.27%
Lam Research	122,934	6	0.23%	Ranch 99/Newark	133,807	6	0.26%
Washington Hospital	173,057	7	0.32%	U S Pipe	130,685	7	0.25%
Kaiser Hospital	106,337	8	0.20%	Kaiser Hospital	125,907	8	0.24%
Boehringer Ingeheim	87,678	9	0.16%	Gateway Plaza	124,269	9	0.24%
Seagate Technology #3	69,384	10	0.13%	Pacific Commons (Area 4-Asian Pearl, Kinders, etc.)	119,920	10	0.23%
Total annual billing largest ten:	<u>\$1,983,813</u>		<u>3.66%</u>	Total annual billing largest ten:	<u>\$2,463,022</u>		<u>4.70%</u>
Total ALL annual billings	<u>\$54,260,096</u>			Total ALL annual billings	<u>\$52,384,709</u>		

2015-16				2014-15			
Rate Payer	Total Annual Billing	Rank	% of Total Annual Billings	Rate Payer	Total Annual Billing	Rank	% of Total Annual Billings
Tesla	\$469,466	1	0.94%	Tesla	\$324,934	1	0.67%
Western Digital	218,616	2	0.44%	Western Digital	235,844	2	0.49%
Seagate Technology #3	152,100	3	0.30%	Washington Hospital	153,645	3	0.32%
Washington Hospital	147,910	4	0.30%	Seagate Technology	116,332	4	0.24%
U S Pipe	123,218	5	0.25%	Lido Faire Shopping Center	114,536	5	0.24%
Marriott Hotel	119,716	6	0.24%	Pacific Commons (Kohls/Old Navy Area)	113,472	6	0.23%
Kaiser Hospital	118,369	7	0.24%	Pacific Commons (Area 4-Asian Pearl, Kinders, etc.)	108,292	7	0.22%
Ranch 99/Warm Springs Shopping Center	115,458	8	0.23%	Ranch 99/Warm Springs Shopping Center	108,163	8	0.22%
Pacific Commons (Area 4-Asian Pearl, Kinders, etc)	112,498	9	0.22%	Full Bloom	105,805	9	0.22%
Pacific Commons (Kohls/Old Navy Area)	108,358	10	0.22%	Kaiser Hospital	102,771	10	0.21%
Total annual billing largest ten:	<u>\$1,685,708</u>		<u>3.36%</u>	Total annual billing largest ten:	<u>\$1,483,794</u>		<u>3.07%</u>
Total ALL annual billings	<u>\$50,112,564</u>			Total ALL annual billings	<u>\$48,379,254</u>		

## UNION SANITARY DISTRICT

Miscellaneous Statistics  
30-Jun-21

Governing Body:	Elected 5-Member Board of Directors Fremont - 3 Members Newark - 1 Member Union City - 1 Member
Governmental Structure:	Established in 1918 and reorganized in 1923 under the Sanitary District Act
Staff:	144.50 full-time equivalent employees
CEO:	General Manager
CFO:	Business Services Manager
Authority:	California Health and Safety Code Section 4700 et. Seq.
Services:	Wastewater collection, treatment and disposal
Service Area:	60.2 square miles (Annexed areas - Fremont, Newark and Union City)
Total Population Served:	356,823
Number of Parcels	101,056 (90,132 Residential; 3,117 Non-Residential; 7,807 Other (vacant land))
Operations:	Total miles of pipeline - 834, including the force main and all gravity sewers (including trunk mains) Number of pumping stations - 7 Larger: Irvington, Newark, Alvarado Smaller: Fremont, Boyce, Paseo Padre, Cherry Street
Permitted Plant Treatment Capacity (ADWF)	33 million gallons per day (mgd)
Type of Treatment:	Secondary
Sewer Service Charge:	\$454.37 annually per single family residential dwelling unit (beginning 07/01/21)

# APPENDIX



Digester 7 Wall Construction

**Union Sanitary District 20-Year CIP  
FY 2022 - FY2041  
(All Figures x \$1,000)**

Fund	%	Rank	Status	Project Name	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	10-Year Total	FY 32	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	20-Year Total	
ADMINISTRATIVE FACILITIES																											
800		3		Additional CS (Vehicle) Storage							250				250											250	
800		2		Cathodic Protection Improvements	550		500		300		300				1,950	350		350		400		400		450		3,900	
800		1	Prog/Des	ETSU - Campus Building	13,000	38,539	17,580								69,119											69,119	
800		1		Field Ops Bldg. Sesmic Upgrade and Leak Repairs				200		1,500	1,600				3,300											3,300	
800		3		FMC Storage			300								300											300	
800		3		Plant Paving							750		200		950	200		200		200		200				1,750	
800		2		Radio Repeater Antenna Replacement								150			150											150	
800	50	3		Solar Panels/Inverters Replacement at Alvarado											0			150								150	
900	50	3		Solar Panels/Inverters Replacement at Alvarado											0			150								150	
800	50	2	Des/Constr	Solar Panels/Inverters Replacement at Carport	50									300	350									100		450	
900	50	2	Des/Constr	Solar Panels/Inverters Replacement at Carport	50									300	350									100		450	
800	50	2	Des/Constr	Solar Panels/Inverters Replacement at Irvington	150										150	900										1,050	
900	50	2	Des/Constr	Solar Panels/Inverters Replacement at Irvington	150										150	900										1,050	
Total for ADMINISTRATIVE FACILITIES					13,950	38,539	18,380	200	300	1,500	2,650	400	500	600	77,019	2,350	0	850	0	600	0	600	0	450	200	82,069	
Total Priority 1 Administrative Facilities					13,000	38,539	17,580	200	0	1,500	1,600	0	0	0	72,419	0	0	0	0	0	0	0	0	0	0	0	72,419
Total Priority 2 Administrative Facilities					950	0	500	0	300	0	300	150	300	600	3,100	2,150	0	350	0	400	0	400	0	450	200	7,050	
Total Priority 3 Administrative Facilities					0	0	300	0	0	0	750	250	200	0	1,500	200	0	500	0	200	0	200	0	0	0	0	2,600
Total Fund 800 - Administrative Facilities					13,750	38,539	18,380	200	300	1,500	2,650	400	500	300	76,519	1,450	0	700	0	600	0	600	0	450	100	80,419	
Total Fund 900 - Administrative Facilities					200	0	0	0	0	0	0	0	0	300	500	900	0	150	0	0	0	0	0	0	100	1,650	
Fund	%	Rank	Status	Project Name	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	10-Year Total	FY 32	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	20-Year Total	
COLLECTION SYSTEM																											
800		2	Design	Cast Iron/Pipe Lining		530		560		590		620		650	2,950		690		730		765		810		850	6,795	
800		1	Design	Central Avenue Sanitary Sewer Relocation	50	1,000									1,050											1,050	
800		2	Constr	Gravity Sewer Rehab/Replacement	650		1,698		1,807		1,922		2,046		8,123	2,176		2,316		2,464		2,622		2,966		20,667	
800		1		RCP Sewer Rehab (Alvarado Basin)				200	2,200	2,500					4,900											4,900	
800		1	Des/Constr	RCP Sewer Rehab (Irvington Basin)	2,200	2,500						200	2,200	2,500	9,600											9,600	
800		1		RCP Sewer Rehab (Newark Basin)						200	2,200	2,500			4,900											4,900	
Total for COLLECTION SYSTEM					2,900	4,030	1,698	760	4,007	3,290	4,122	3,320	4,246	3,150	31,523	2,176	690	2,316	730	2,464	765	2,622	810	2,966	850	47,912	
Total Priority 1 Collection System					2,250	3,500	0	200	2,200	2,700	2,200	2,700	2,200	2,500	20,450	0	0	0	0	0	0	0	0	0	0	0	20,450
Total Priority 2 Collection System					650	530	1,698	560	1,807	590	1,922	620	2,046	650	11,073	2,176	690	2,316	730	2,464	765	2,622	810	2,966	850	27,462	
Total Priority 3 Collection System					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fund 800 - Collection System					2,900	4,030	1,698	760	4,007	3,290	4,122	3,320	4,246	3,150	31,523	2,176	690	2,316	730	2,464	765	2,622	810	2,966	850	47,912	
Total Fund 900 - Collection System					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fund	%	Rank	Status	Project Name	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	10-Year Total	FY 32	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	20-Year Total	
TRANSPORT SYSTEM																											
800	50	2		Alameda Creek Crossing Lift Station								350		2,974	3,324	1,982										5,306	
900	50	2		Alameda Creek Crossing Lift Station								350		2,974	3,324	1,982										5,306	
900		1	Des/Constr	Cherry St. PS	200	200									400											400	
900		2		Equalization Storage @ Irvington											0											0	
900		2		Equalization Storage @ Newark						2,200	6,700	15,500			24,400											24,400	
800		1	Des/Constr	Forcemain Corrosion Repairs - Phase 3	250	750									1,000											1,000	
800		1		Forcemain Corrosion Repairs - Phase 4		250	800								1,050											1,050	
800		3		Forcemain Rehabilitation										900	900	12,275	12,275	12,275	12,275							50,000	
800	50	2	Des/Constr	Irvington PS Pumps and VFDs	50		775	4,125	1,750						6,700											6,700	
900	50	2	Des/Constr	Irvington PS Pumps and VFDs	50		775	4,125	1,750						6,700											6,700	
800	45	2	Des/Constr	Newark and Irvington PS Chemical System Impro	1,125	2,340									3,465											3,465	
900	55	2	Des/Constr	Newark and Irvington PS Chemical System Impro	1,375	2,860									4,235											4,235	
800	50	2		Newark PS Pumps and VFDs						650	2,100	2,150			4,900											4,900	
900	50	2		Newark PS Pumps and VFDs						650	2,100	2,150			4,900											4,900	
800		3		Pump Station Asset Condtion Assessment R&R		1,432		3,632	872	197			4,168		10,301			87	5,161		4,719			818		21,086	
900		2		Sanctuary West Pump Station			1,500	1,500							3,000											3,000	
800		3		Transport System Misc. Projects		250	250	250	250	250	250	250	250	250	2,250	250	250	250	250	250	250	250	250	250	250	4,750	
800		2		Wet Weather Flow Management		100	1,000								1,100											1,100	

**Union Sanitary District 20-Year CIP  
FY 2022 - FY2041  
(All Figures x \$1,000)**

Fund	%	Rank	Status	Project Name	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	10-Year Total	FY 32	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	20-Year Total	
Total for TRANSPORT SYSTEM					3,050	9,682	5,100	12,132	4,622	3,947	11,150	20,750	4,418	7,098	81,949	16,489	12,525	12,612	17,686	250	4,969	250	250	1,068	250	148,298	
Total Priority 1 Transport System					450	1,200	800	0	0	0	0	0	0	0	2,450	0	0	0	0	0	0	0	0	0	0	2,450	
Total Priority 2 Transport System					2,600	6,800	4,050	8,250	3,500	3,500	10,900	20,500	0	5,948	66,048	3,964	0	0	0	0	0	0	0	0	0	70,012	
Total Priority 3 Transport System					0	1,682	250	3,882	1,122	447	250	250	4,418	1,150	13,451	12,525	12,525	12,612	17,686	250	4,969	250	250	1,068	250	75,836	
Total Fund 800 - Transport System					1,425	5,122	2,825	8,007	2,872	1,097	2,350	2,750	4,418	4,124	34,990	14,507	12,525	12,612	17,686	250	4,969	250	250	1,068	250	99,357	
Total Fund 900 - Transport System					1,625	4,560	2,275	4,125	1,750	2,850	8,800	18,000	0	2,974	46,959	1,982	0	0	0	0	0	0	0	0	0	0	48,941

Fund	%	Rank	Status	Project Name	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	10-Year Total	FY 32	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	20-Year Total		
TREATMENT PLANT																												
900			2	Constr	Aeration Blower 11 and East Blower Bldg Improveme	1,400									1,400											1,400		
800	50	2	Constr	Alvarado Influent PS Improvements	2,500										2,500											2,500		
900	50	2	Constr	Alvarado Influent PS Improvements	2,500										2,500											2,500		
800		2		Alvarado Influent Valve Box Gate Valves 1-2			50	500							550											550		
800	50	2	Constr	Centrifuge Building Improvements	250										250											250		
900	50	2	Constr	Centrifuge Building Improvements	250										250											250		
800	50	2	Design	Centrifuge Replacement					550	1,250	4,900	2,450			9,150											9,150		
900	50	2	Design	Centrifuge Replacement					550	1,250	4,900	2,450			9,150											9,150		
800		2	Design	Centrifuge System Equipment Replacement					900	1,200	7,300	4,200			13,600											13,600		
800	50	1		Cogen Engine No. 1 60K Block Replacement				525							525		625									1,150		
900	50	1		Cogen Engine No. 1 60K Block Replacement				525							525		625									1,150		
800	50	1		Cogen Engine No. 2 60K Block Replacement		500							575		1,075							725				1,800		
900	50	1		Cogen Engine No. 2 60K Block Replacement		500							575		1,075							725				1,800		
800	50	2		Cogen Retrofit						100	950				1,050											1,050		
900	50	2		Cogen Retrofit						100	950				1,050											1,050		
800		2		Control Box No. 1 Improvements						615	4,300	1,800			6,715											6,715		
800		2		Degritter Building Roof (Seismic) Replacement									560	3,100	3,660	1,330										4,990		
800	50	2	PreDesign	Degritting at Headworks and Improvements						905	5,150	2,200			8,255											8,255		
900	50	2	PreDesign	Degritting at Headworks and Improvements						905	5,150	2,200			8,255											8,255		
800		3		Diffuser Replacement											0		900	700								1,600		
900		3		Digester Additional Capacity											0											0		
800		2		Digester No. 1 Insp & Rehab		200	1,400	2,800							4,400				600	5,700						10,700		
800		1		Digester No. 2 Insp & Rehab	150										150		600	5,300								6,050		
800		3		Digester No. 3 Insp & Rehab										413	413	3,822										4,235		
800		3		Digester No. 4 Insp & Rehab				420	3,900						4,320											4,320		
800		3		Digester No. 5 Insp & Rehab						440	4,040				4,480											4,480		
800		3		Digester No. 6 Insp & Rehab		200	1,000	4,650							5,850								1,000	7,900		14,750		
800		3		Digester No. 7 Insp & Rehab											0						500	4,600				5,100		
900		1	Constr	Digester No. 7	3,500										3,500											3,500		
800	50	1	Constr	Emergency Outfall Outlet Improvements	700										700											700		
900	50	1	Constr	Emergency Outfall Outlet Improvements	700										700											700		
800	60	1	Design	ETSU - Aeration Basin Modifications	2,138	10,320	5,640	6,300							24,398											24,398		
900	40	1	Design	ETSU - Aeration Basin Modifications	1,425	6,880	3,760	4,200							16,265											16,265		
800	40	1	Design	ETSU - Aeration Basin No. 8	1,600	3,000	1,480								6,080											6,080		
900	60	1	Design	ETSU - Aeration Basin No. 8	2,400	4,500	2,220								9,120											9,120		
800	60	1	Design	ETSU - Aeration Internal Lift Pumps	255	960	540	480							2,235											2,235		
900	40	1	Design	ETSU - Aeration Internal Lift Pumps	170	640	360	320							1,490											1,490		
800	60	1	Design	ETSU - Blower 7-10 Replacement	900	2,940	1,680	1,200							6,720											6,720		
900	40	1	Design	ETSU - Blower 7-10 Replacement	600	1,960	1,120	800							4,480											4,480		
800	60	1	Design	ETSU - Secondary Clarifiers	2,220	6,210	21,600	30,075	6,540						66,645											66,645		
900	40	1	Design	ETSU - Secondary Clarifiers	1,480	4,140	14,400	20,050	4,360						44,430											44,430		
800	60	1	Design	ETSU - Switchboard 4 Replacement		90	600	300							990											990		
900	40	1	Design	ETSU - Switchboard 4 Replacement		60	400	200							660											660		
800	60	1	Design	ETSU - Effluent Facilities	480	585	10,215	6,285	5,340						22,905											22,905		
900	40	1	Design	ETSU - Effluent Facilities	320	390	6,810	4,190	3,560						15,270											15,270		
800	25	1	Design	ETSU - Plant Equalization Storage			250	375	1,062	6,313					8,000											8,000		
900	75	1	Design	ETSU - Plant Equalization Storage			750	1,125	3,187	18,938					24,000											24,000		
800	50	3		ETSU - Nutrient Removal (Level 2 Year-round)											0				2,369		9,730	30,301	40,401	30,301		113,102		

**Union Sanitary District 20-Year CIP  
FY 2022 - FY2041  
(All Figures x \$1,000)**

Fund	%	Rank	Status	Project Name	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	10-Year Total	FY 32	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	20-Year Total
900	50	3		ETSU - Nutrient Removal (Level 2 Year-round)											0					2,369	9,730	30,301	40,401	30,301		113,102
800		2		Flares Replacement		670	5,500								6,170											6,170
800		2		Headworks Gates									500	3,500	4,000											4,000
800	60	1	Constr	Headworks Screens Replacement	60										60											60
900	40	1	Constr	Headworks Screens Replacement	40										40											40
800		2	Design	MCC Replacement	50	400					50	465			965											965
800		2	Des/Constr	Miscellaneous Improvements	250	1,250									1,500											1,500
800		2		Odor Scrubber System Improvements				610	1,242	5,430	4,603	1,408	347	2,730	16,370	1,187	6,541	4,055	6,899	3,364	3,203	715	5,631			47,965
800		2		Plant 1 and 2 Water System Improvements					100	1,020					1,120											1,120
800		2		Plant 5kV Switchgear			370	2,620	1,123						4,113											4,113
800		1		Plant 12kV Switchgear	500	3,500		1,000	5,100	4,000					14,100											14,100
800	50	3		Plant Additional Power Source											0						250	2,000	2,750			5,000
900	50	3		Plant Additional Power Source											0						250	2,000	2,750			5,000
800		2		Plant Asset Condition Assessment R&R		100	150	4,086	475		924	597	2,586	2,665	11,583	6,561	1,037	2,410	368	200		355		935	3,850	27,299
800	50	2		Plant Fiber Optic Network					55	113	454	227	300	300	1,449	300	300	400								2,449
900	50	2		Plant Fiber Optic Network					55	113	454	227	300	300	1,449	300	300	400								2,449
800		2		Plant Mechanical and Electrical Projects		500	500	500	500	500	500	500	500	500	4,500	500	500	500	500	500	500	500	500	500	500	9,500
800		2	Des/Constr	PLC Replacement		250		300				350			900		400				450			500	2,250	
800		1		Primary Clarifier (1 - 4) Seismic Upgrade		682	3,758	1,610							6,050											6,050
800	75	2		Primary Clarifier Rehab (5-6)				1,084	7,260	7,260	1,328				16,932											16,932
900	25	2		Primary Clarifier Rehab (5-6)				361	2,420	2,420	442				5,643											5,643
800		3		Reclaimed Water											0											0
900		3		Reclaimed Water											0											0
800		3		Secondary Digester No. 1 Insp & Rehab		334	3,089								3,423			460	4,253							8,136
800		3		Secondary Digester No. 2 Insp & Rehab					353	3,258					3,611						485	4,485				8,581
800		2		Seismic Retrofit of Conc. Structures			300		300		300		300		1,200	300		300		300		300		300	2,700	
800	50	2		Site Drainage Improvements			200	415	1,388	1,110					3,113											3,113
900	50	2		Site Drainage Improvements			200	415	1,388	1,110					3,113											3,113
800		2		Sodium Hypochlorite Loop Improvements	50	650	600								1,300											1,300
800		1	Des/Constr	Standby Power Generation System Upgrade	500	16,000	12,100	2,300							30,900											30,900
900		3		Standby Power Generator No. 4											0				2,057		13,028	6,514				21,599
800		2		Switchboard 3 Replacement	200	1,428	600								2,228											2,228
800		2		Thickeners 1 and 2 Rehabilitation			200	1,619	694						2,513											2,513
800		3		Thickeners 3 and 4 Rehabilitation											0			564	2,717							3,281
800		1	Design	WAS Thickeners	500	8,000	5,500								14,000											14,000
900		3		Waste Recycling and Alternative Energy									1,500	9,000	10,500											10,500
Total for TREATMENT PLANT					28,088	77,839	107,342	102,240	52,402	58,350	46,695	19,074	8,043	22,508	522,581	14,300	11,828	14,629	11,544	21,112	38,126	83,521	93,433	70,237	4,850	886,161
Total Priority 1 Treatment Plant					20,638	71,857	93,183	81,860	29,149	29,251	0	0	1,150	0	327,088	0	1,850	5,300	0	0	0	1,450	0	0	0	335,688
Total Priority 2 Treatment Plant					7,450	5,448	10,070	15,310	19,000	25,401	42,655	19,074	5,393	13,095	162,896	10,478	9,078	8,065	8,367	10,064	4,153	1,870	6,131	1,735	4,850	227,687
Total Priority 3 Treatment Plant					0	534	4,089	5,070	4,253	3,698	4,040	0	1,500	9,413	32,957	3,822	900	1,264	3,177	11,048	33,973	80,201	87,302	68,502	0	322,786
Total Fund 800 - Treatment Plant					13,303	58,769	77,322	70,054	36,882	33,514	34,799	14,197	5,668	13,208	357,716	14,000	10,903	14,229	11,544	16,686	15,118	43,981	50,282	39,936	4,850	579,245
Total Fund 900 - Treatment Plant					14,785	19,070	30,020	32,186	15,520	24,836	11,896	4,877	2,375	9,300	164,865	300	925	400	0	4,426	23,008	39,540	43,151	30,301	0	306,916

Project Type	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	10-Year Total	FY 32	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	20-Year Total
<b>Administrative Facilities</b>	13,950	38,539	18,380	200	300	1,500	2,650	400	500	600	77,019	2,350	0	850	0	600	0	600	0	450	200	82,069
Collection System	2,900	4,030	1,698	760	4,007	3,290	4,122	3,320	4,246	3,150	31,523	2,176	690	2,316	730	2,464	765	2,622	810	2,966	850	47,912
Transport System	3,050	9,682	5,100	12,132	4,622	3,947	11,150	20,750	4,418	7,098	81,949	16,489	12,525	12,612	17,686	250	4,969	250	250	1,068	250	148,298
Treatment Plant	28,088	77,839	107,342	102,240	52,402	58,350	46,695	19,074	8,043	22,508	522,581	14,300	11,828	14,629	11,544	21,112	38,126	83,521	93,433	70,237	4,850	886,161
<b>GRAND TOTAL</b>	<b>47,988</b>	<b>130,090</b>	<b>132,520</b>	<b>115,332</b>	<b>61,331</b>	<b>67,087</b>	<b>64,617</b>	<b>43,544</b>	<b>17,207</b>	<b>33,356</b>	<b>713,072</b>	<b>35,315</b>	<b>25,043</b>	<b>30,407</b>	<b>29,960</b>	<b>24,426</b>	<b>43,860</b>	<b>86,993</b>	<b>94,493</b>	<b>74,721</b>	<b>6,150</b>	<b>1,164,440</b>
R&R (Fund 800) Total	31,378	106,460	100,225	79,021	44,061	39,401	43,921	20,667	14,832	20,782	500,748	32,133	24,118	29,857	29,960	20,000	20,852	47,453	51,342	44,420	6,050	806,933
Capacity (Fund 900) Total	16,610	23,630	32,295	36,311	17,270	27,686	20,696	22,877	2,375	12,574	212,324	3,182	925	550	0	4,426	23,008	39,540	43,151	30,301	100	357,507
<b>Priority 1</b>																						
Administrative Facilities	13,000	38,539	17,580	200	0	1,500	1,600	0	0	0	72,419	0	0	0	0	0	0	0	0	0	0	72,419
Collection System	2,250	3,500	0	200	2,200	2,700	2,200	2,700	2,200	2,500	20,450	0	0	0	0	0	0	0	0	0	0	20,450
Transport System	450	1,200	800	0	0	0	0	0	0	0	2,450	0	0	0	0	0	0	0	0	0	0	2,450
Treatment Plant	20,638	71,857	93,183	81,860	29,149	29,251	0	0	1,150	0	327,088	0	1,850	5,300	0	0	0	1,450	0	0	0	335,688
<b>Total Priority 1 Projects</b>	<b>36,338</b>	<b>115,096</b>	<b>111,563</b>	<b>82,260</b>	<b>31,349</b>	<b>33,451</b>	<b>3,800</b>	<b>2,700</b>	<b>3,350</b>	<b>2,500</b>	<b>422,407</b>	<b>0</b>	<b>1,850</b>	<b>5,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,450</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>431,007</b>

Union Sanitary District 20-Year CIP  
FY 2022 - FY2041  
(All Figures x \$1,000)

Fund	%	Rank	Status	Project Name	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	10-Year Total	FY 32	FY 33	FY 34	FY 35	FY 36	FY 37	FY 38	FY 39	FY 40	FY 41	20-Year Total
Priority 2																										
				Administrative Facilities	950	0	500	0	300	0	300	150	300	600	3,100	2,150	0	350	0	400	0	400	0	450	200	7,050
				Collection System	650	530	1,698	560	1,807	590	1,922	620	2,046	650	11,073	2,176	690	2,316	730	2,464	765	2,622	810	2,966	850	27,462
				Transport System	2,600	6,800	4,050	8,250	3,500	3,500	10,900	20,500	0	5,948	66,048	3,964	0	0	0	0	0	0	0	0	0	70,012
				Treatment Plant	7,450	5,448	10,070	15,310	19,000	25,401	42,655	19,074	5,393	13,095	162,896	10,478	9,078	8,065	8,367	10,064	4,153	1,870	6,131	1,735	4,850	227,687
				Total Priority 2 Projects	11,650	12,778	16,318	24,120	24,607	29,491	55,777	40,344	7,739	20,293	243,117	18,768	9,768	10,731	9,097	12,928	4,918	4,892	6,941	5,151	5,900	332,211
Priority 3																										
				Administrative Facilities	0	0	300	0	0	0	750	250	200	0	1,500	200	0	500	0	200	0	200	0	0	0	2,600
				Collection System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Transport System	0	1,682	250	3,882	1,122	447	250	250	4,418	1,150	13,451	12,525	12,525	12,612	17,686	250	4,969	250	250	1,068	250	75,836
				Treatment Plant	0	534	4,089	5,070	4,253	3,698	4,040	0	1,500	9,413	32,597	3,822	900	1,264	3,177	11,048	33,973	80,201	87,302	68,502	0	322,786
				Total Priority 3 Projects	0	2,216	4,639	8,952	5,375	4,145	5,040	500	6,118	10,563	47,548	16,547	13,425	14,376	20,863	11,498	38,942	80,651	87,552	69,570	250	401,222

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**JUNE 28, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM #11**

**TITLE:** Consider Claim filed by Classic 36304 Newark Boulevard, LP (an affiliate of Classic Communities) in the Amount of \$31,728.31, for Road Damage  
*(This is a Motion Item)*

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
Karen W. Murphy, General Counsel  
J. Leah Castella, Assistant General Counsel

**Recommendation**

Staff recommends the Board reject the claim filed by Classic 36304 Newark Boulevard, LP, an affiliate of Classic Communities.

**Discussion**

Classic 36304 Newark Boulevard, LP (an affiliate of Classic Communities) ("Claimant") submitted a claim against the District on March 23, 2021, for damage to a paved road. As background, a condition of Claimant's permit for a development project required the Claimant to fill an abandoned sewer line beneath Newark Boulevard. On November 11, 2020, the Claimant's contractor pumped a slurry/grout mix into the sewer line, consistent with the District's standards for abandonment. The Claimant alleges that the District failed to maintain the line, allowing it to become overgrown and blocked by roots. The Claimant further alleges that this led to the elevation and displacement of the manhole and caused the paved road above the line to crack and buckle. The Claimant claims \$31,728.31 worth of damages against the District.

Government Code section 911.2 allows public entities to respond to claims asserting damage to real property within one year of receipt of the claim. Thus, the District is acting timely in considering the claim now.

Staff recommends rejection of the claim as there is no evidence of District's failure to maintain. As part of the District's regular maintenance, the District inspected the sewer line at issue in 2017. Per the District's practice, the inspection was televised on closed circuit television. The video from the 2017 inspection shows the line was in serviceable condition. In addition, the District has never received a claim for this type of damage and District staff believes that the Claimant's contractor used too much pressure when it pumped the slurry/grout mix into the sewer, which is what likely caused the damage.

Lastly, the permit issued to the Claimant on August 3, 2020, includes an indemnity provision which relieves the District from any liability for "the construction undertaken and the improvements constructed pursuant to this Permit." By accepting the Permit, the Claimant agreed to indemnify and hold the District harmless against all claims and damages of any kind, including property damage, such as the damage to the paved road.

In light of the prior condition of the line, the fact that the District has never received this type of claim, and the indemnity language in the permit, staff recommends that the Board reject the claim.

#### **Previous Board Action**

None

#### **Attachment**

3/23/21 Claim Submitted by Claimant



**Please submit claim form to:**

Attn: Skip Calvo  
Union Sanitary District  
5072 Benson Road  
Union City, CA 94587  
Phone: (510) 477-7526

**CLAIM FORM**

NAME OF CLAIMANT Classic 36304 Newark Boulevard, LP

ADDRESS OF CLAIMANT 1068 E. Meadow Circle

CITY Palo Alto STATE CA PHONE (650) 213-1120

Owner ☒

Renter/Lessee ☐

Other ☐

(Specify) \_\_\_\_\_

**WHEN DID DAMAGE/INJURY OCCUR?**

Date: 11/11/2020 Time: \_\_\_\_\_

**WHERE DID DAMAGE/INJURY OCCUR?**

Address or Nearest Cross Street: 36304 Newark Blvd. @ Lafayette

City/State: Newark, CA 94560

**HOW DID DAMAGE/INJURY OCCUR?** (Give full details; include name(s) of witness, if any; add supplemental sheets if required.)

Pursuant to USD's direction, our contractor J&M, Inc. pumped a slurry/grout mix to

abanon a sanitary sewer line in Newark Boulevard. As it turned out, that line was obstructed and the pressure from the pumping caused the SSMH to rise and become displaced and the surrounding pavement areas had significant cracking and displacement.

<b>WHAT</b> particular act or omission on the part of the District's officers or employees caused the injury or damage?
The District failed to maintain the line to be abandoned, directed a method of abandonment that
when taken together with the District's maintenance failure, caused substantial damage
to Newark Boulevard street improvements and USD's SSMH.

<b>WHAT DAMAGE/INJURIES DO YOU CLAIM RESULTED?</b>
The costs to investigate and clear the obstruction. The cost to reset and repair the SSMH.
The cost to repave the damaged pavement areas in Newark Blvd.

<b>TOTAL AMOUNT OF YOUR CLAIM</b> on account of injury/damage?
(Provide the dollar amount claimed, if said amount totals less than ten thousand dollars (\$10,000.00) as of the date of presentation of the claim (including the estimated amount of any prospective injury, damage, or loss, insofar as it may be known at the time of the presentation of the claim), together with the basis of computation of the amount claimed. Include paid bills, receipts, etc.)
Amount(s) Claimed: \$SEE BELOW - UNLIMITED CIVIL CASE
Basis for computation: Actual change orders paid to J&M Construction to abandon the SS line
in Newark Blvd as directed by USD, which line turned out to be blocked by tree roots. Added
costs included clearing the line, resetting the SSMH and patch paving damaged street surface.
<b>NOTE:</b> If the amount claimed exceeds ten thousand dollars (\$10,000.00), do not provide the dollar amount of the claim. However, please indicate below whether the claim would be a limited civil case (\$25,000.00 or less) or an unlimited civil case (over \$25,000.00).
<div style="display: flex; justify-content: space-between;"> <span>_____ Limited Civil Case</span> <span>x <input checked="" type="checkbox"/> Unlimited Civil Case</span> </div>

Union Sanitary District

CLAIM FORM - Continued

**INSURANCE INFORMATION** (to be completed if this claim involves a motor vehicle) Has a claim for the alleged damage/injury been filed or will it be filed with your insurance carrier? ☐ Yes ☒ No

\_\_\_\_\_  
Name of Insurance Carrier Telephone Number

\_\_\_\_\_  
Address City State Zip Code

Policy Number \_\_\_\_\_ Deductible: \$ \_\_\_\_\_

Name of registered owner(s) of the vehicle: \_\_\_\_\_

Vehicle Make: \_\_\_\_\_ Model: \_\_\_\_\_  
Year: \_\_\_\_\_

**REPRESENTATIVE INFORMATION** (to be completed if the claim is filed by an attorney or representative)

Adam Kates \_\_\_\_\_ ( 650-213-1120  
Name of Attorney/Representative Telephone Number

1068 E. Meadow Circle Palo Alto CA 94303  
Address City State Zip Code

Is the claim filed on behalf of a minor? ☐ Yes; If yes, please indicate: ☒ No

Relationship to the minor \_\_\_\_\_ Minor's date of birth \_\_\_\_\_

**Names and addresses of witnesses, doctors, and hospitals:**

1. Jim Harriman - 1068 E. Meadow Circle, Palo Alto, CA 94303

2. Tom Trethwey, J&M, Inc., 6700 National Drive, Livermore, CA 94550

3.

4.

5.

Union Sanitary District

CLAIM FORM - Continued

**Provide other details here :**

**PHOTOS:** ☐ Were Not Taken ☒ Were Taken, number of photos; Nine (9)

**Note:** include all related photos with your claim

**Notice:**

Section 72 of the Penal Code Provides:

“Every person who, with intent to defraud, presents for allowance or for payment to any state board or officer, or to any county, town, city, district, ward or village board or office, authorized to allow or pay the same if genuine, any false or fraudulent claim bill, account, voucher, or writing, **is guilty of a felony.**”

Section 911.2 of the Government Code requires that a claim of this nature be presented not later than 6 months after the accrual of the cause of action.

Section 911.4 provides that with respect to a claim not timely filed, a written application may be made to the public entity for leave to present this claim and that such application shall be presented within a reasonable time not to exceed one year after the accrual of the cause of action.

**CLAIMANT SIGNATURE**

Adam Kates

**DATE** 3/23/2021

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**JUNE 28, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 12**

**TITLE:** Consider a Resolution to Accept Sanitary Sewer Easements for Tracts 8265 and 8374 – Warm Springs TOD Village Phases 1 and 2, Located at Warm Springs Boulevard and South Grimmer Boulevard, in the City of Fremont (*This is a Motion Item*)

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
Sami E. Ghossain, Technical Services Work Group Manager  
Rollie Arbolante, Customer Service Team Coach  
Rod Schurman, Associate Engineer

**Recommendation**

Staff recommends the Board consider a resolution to accept sanitary sewer easements for Tracts 8265 and 8374 – Warm Springs TOD Village Phases 1 and 2, located at Warm Springs Boulevard and South Grimmer Boulevard, in the City of Fremont.

**Discussion**

The developer, Toll CA XX, LP., is constructing a residential development consisting of 477 condominium units and 392 apartments for Tract 8265, and 72 condominium units for Tract 8374, located at the southeast corner of the intersection of Warm Springs Boulevard and South Grimmer Boulevard, in the city of Fremont. A vicinity map is attached.

Sanitary sewer service for the residential development will be provided by new 8-inch sewer mains on South Grimmer Boulevard and in the development's roadways, that discharge to an existing 10-inch sewer main in Warm Springs Boulevard. The roadways within Tract 8374 and some of the roadways within Tract 8265 do not meet the City of Fremont's street dimensions and structure setback requirements for public streets and were, therefore, designated as private. Toll CA XX, LP., has constructed the new 8-inch sewer mains and has granted the District sanitary sewer easements that provide for access and maintenance of the new sewer mains.

Legal descriptions and plat maps have been prepared for the Grant of Easement for Sanitary Sewer Purposes. District staff has reviewed the documents and recommends approval.

**Background**

None.

**Previous Board Action**

None.

PRE/SEG/RA/RS:mb

Attachments: Vicinity Map

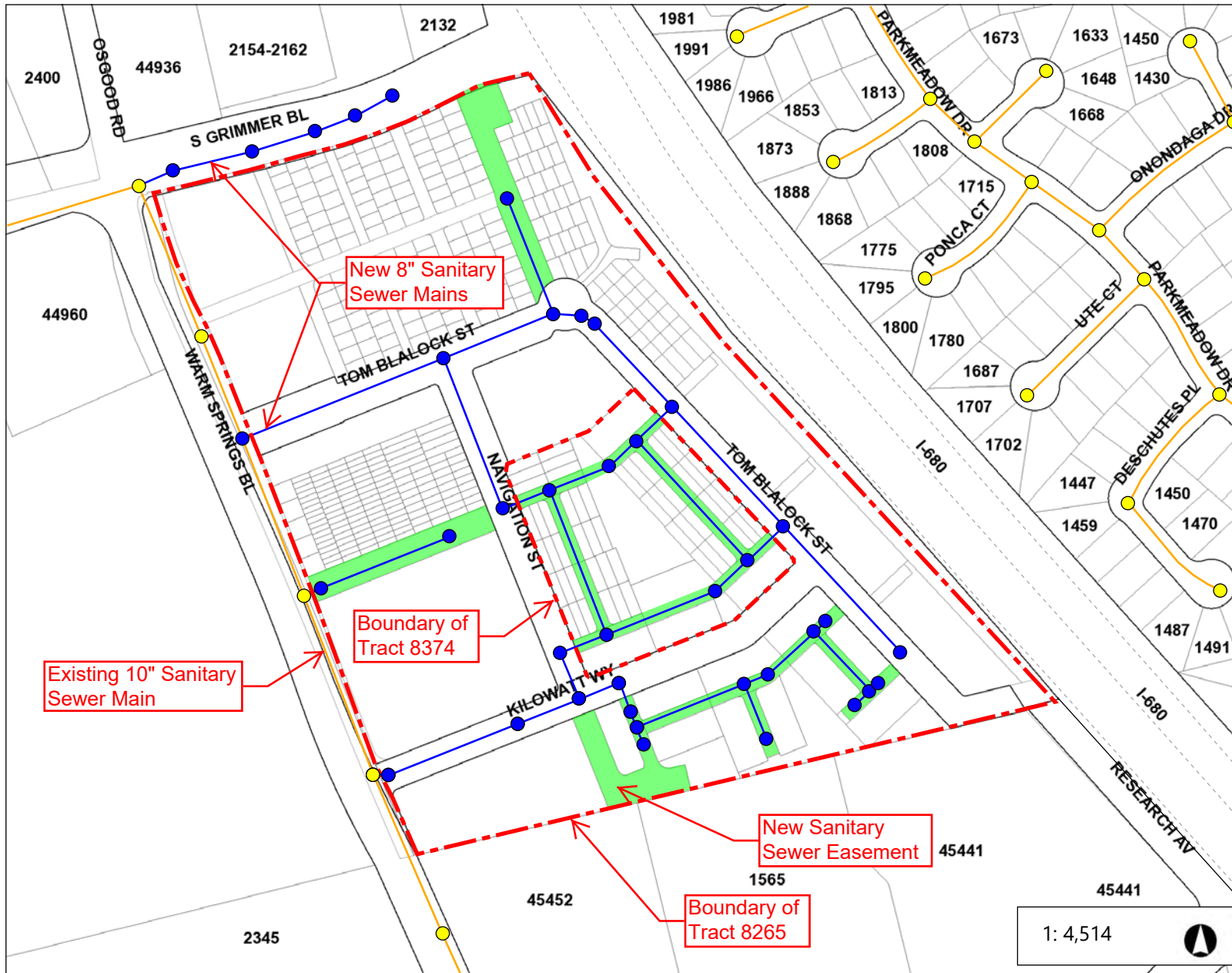
Resolution Accepting Grant of Easement

Grant of Easement Recording Request with Certificate of Acceptance

Grant of Easement for Sanitary Sewer Purposes with Exhibits A & B



# Vicinity Map: Grant of SSE, Tracts 8265 & 8374 - Warm Springs TOD Phases 1 & 2, Warm Springs Blvd. and South Grimmer Blvd., Fremont



## LEGEND

### Sewer Structures

- Drop Manhole, New
- End Cap
- Junction Structure
- Lamphole
- Lift Station
- Manhole
- New Manhole
- Riser

### Sewer Mains

- New Sewer Main
- Abandoned Sewer Main
- Forcemain
- Gravity Main
- Overflow Main
- Siphon
- Trunk Main

### Railroads

- Union Pacific, Other
- BART/VTA

- Parcels
- Public Right of Way
- New Sewer Easement

## Notes

752.3 0 376.17 752.3 Feet

WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
© Latitude Geographics Ltd.

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

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

**ACCEPT SANITARY SEWER EASEMENTS FOR TRACTS 8265 AND 8374 –  
WARM SPRINGS TOD VILLAGE PHASES 1 AND 2, LOCATED AT WARM  
SPRINGS BOULEVARD AND SOUTH GRIMMER BOULEVARD,  
IN THE CITY OF FREMONT, CALIFORNIA**

RESOLVED by the Board of Directors of UNION SANITARY DISTRICT, that it hereby accepts the Grant of Easement from Toll CA XX, LP., executed on August 17, 2016, as described in the Grant of Easement for Sanitary Sewer Purposes, and by the legal description and plat map, attached as Exhibit A and B, respectively.

FURTHER RESOLVED by the Board of Directors of UNION SANITARY DISTRICT that it hereby authorizes the General Manager/District Engineer, or his designee, to attend to the recordation thereof.

On motion duly made and seconded, this resolution was adopted by the following vote on June 28, 2021:

AYES:

NOES:

ABSENT:

ABSTAIN:

\_\_\_\_\_  
PAT KITE  
President, Board of Directors  
Union Sanitary District

Attest:

\_\_\_\_\_  
MANNY FERNANDEZ  
Secretary, Board of Directors  
Union Sanitary District

RECORDING REQUESTED BY  
AND WHEN RECORDED RETURN TO:  
Union Sanitary District  
Attn: Regina McEvoy  
5072 Benson Road  
Union City, CA 94587

Record Without Fee  
*Pursuant to Government Code  
Section 27383*

*Space Above Reserved for Recorder's Use Only*

Documentary Transfer Tax \$0.00, consideration less than \$100 (R&T Code 11911)  
This instrument is exempt from recording fees (Govt. Code 27383)

## **GRANT OF EASEMENT**

**BY AND BETWEEN**

**TOLL CA XX, LP.**

**AND**

**UNION SANITARY DISTRICT**

**Effective Date: June 28, 2021**

# CERTIFICATE OF ACCEPTANCE

(Grant of Easement)

This is to certify that the interest in real property conveyed by the Grant of Easement for Sanitary Sewer Purposes, dated August 17, 2016, from TOLL CA XX, LP., to UNION SANITARY DISTRICT, an independent special district ("**District**"), is hereby accepted by the undersigned officer or agent on behalf of the District pursuant to authority conferred by Resolution No. \_\_\_\_\_, dated June 28, 2021, and the District consents to recordation thereof by its duly authorized officer.

Date: \_\_\_\_\_, 2021

District

UNION SANITARY DISTRICT

Paul R. Eldredge, General Manager

## ACKNOWLEDGMENT

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

State of California )  
 ) ss  
County of Alameda )

On \_\_\_\_\_, 2021, before me, Regina Dyan McEvoy,  
(Name of Notary)

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

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

WITNESS my hand and official seal.

(Notary Signature)

**GRANT OF EASEMENT**  
**FOR SANITARY SEWER PURPOSES**

THIS INDENTURE, made this 17 day of August 2016, by and between TOLL CA XX, LP., the Party/~~Parties~~ of the First Part, and UNION SANITARY DISTRICT, the Party/~~Parties~~ of the Second Part,

**WITNESSETH:**

That said Party/~~Parties~~ of the First Part does hereby grant to the Party of the Second Part and to its successors and assigns forever, for the use and purposes herein stated, the rights of way and easements hereinafter described, located in the City of Fremont, County of Alameda, State of California:

**See Exhibit "A" and Exhibit "B"**

together with the right and privilege of constructing, reconstructing, cleaning, repairing and maintaining at any time, a sanitary sewer and appurtenances along, upon, over, in, through and across the above described property; together with free ingress and egress to and for the said Party of the Second Part, its successors and assigns, its agents and employees, workmen, contractors, equipment, vehicles and tools, along, upon, over, in, through and across said right of way; together with the right of access by its successors and assigns, its agents and employees, workmen, contractors, equipment, vehicles and tools to said right of way from the nearest public street, over and across the adjoining property, if such there be; otherwise by such route or routes across said adjoining property as shall occasion the least practicable damage and inconvenience to the Party of the First Part, for constructing, cleaning, repairing and maintaining said sanitary sewer and appurtenances; together with free ingress and egress over the land immediately adjoining for maintenance, repair and replacement as well as the initial construction of said sewer.

IN WITNESS WHEREOF the said Party/~~Parties~~ of the First Part have executed this indenture the day and year first above written.

OWNER: TOLL CA XX, LP., A CALIFORNIA LIMITED PARTNERSHIP

BY: TOLL CA GP CORP.  
GENERAL PARTNER

BY: R. M. Nelson  
NAME RICHARD M. NELSON  
TITLE DIVISION PRESIDENT

(Notarize)

## ACKNOWLEDGMENT

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

State of California  
County of Alameda

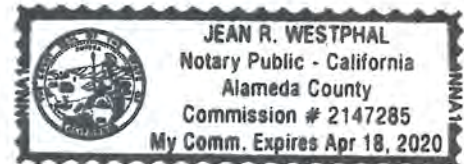
On August 17, 2016 before me, Jean R. Westphal, Notary Public  
(insert name and title of the officer)

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

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

WITNESS my hand and official seal.

Signature Jean R. Westphal (Seal)



**EXHIBIT A**  
**SANITARY SEWER EASEMENT**  
**CITY OF FREMONT PROPERTY**  
**Toll CA XX, L.P. (2016-149148)**

Real property situate in the City of Fremont, County of Alameda, State of California described as follows:

Being portions of the parcel of land described in the deed to Toll CA XX , L.P., recorded in Document No. 2016-149148, Official Records of Alameda County and more particularly described as follows:

Being the areas labeled Sanitary Sewer Easement (SSE) shown on the attached Exhibit B – Plat Map of Sanitary Sewer Easement Granted to Union Sanitary District.

**END OF DESCRIPTION**

This description was prepared by or under the direction of:

  
\_\_\_\_\_  
Alvin Leung, PLS

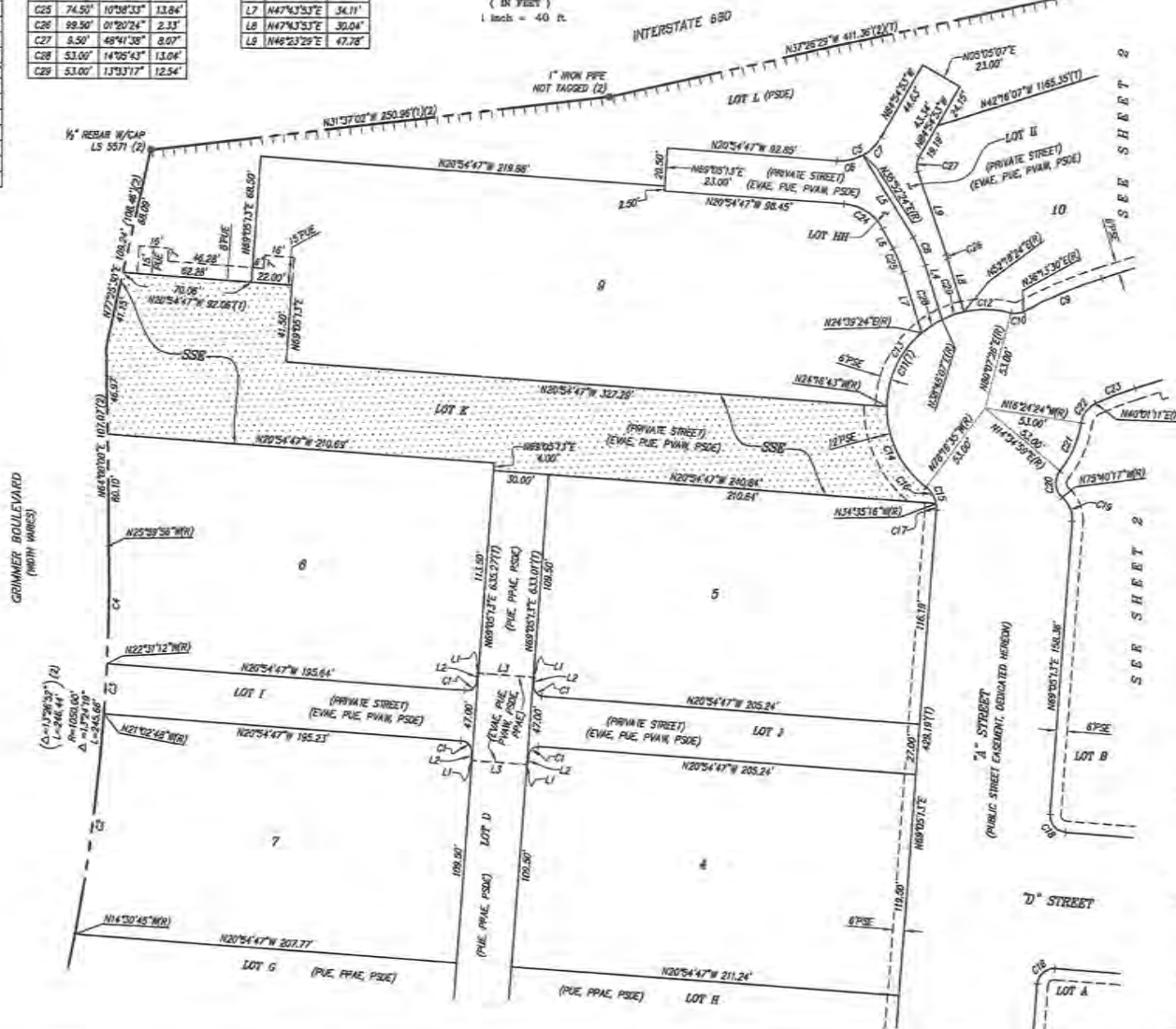
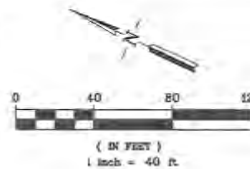
August 15, 2016  
\_\_\_\_\_  
Date



Curve	Radius	Delta	Length
C1	3.50'	90°00'00"	8.64'
C2	1050.00'	06°32'03"	119.74'
C3	1050.00'	01°26'24"	27.00'
C4	1050.00'	03°26'44"	63.75'
C5	25.50'	64°00'06"	28.48'
C6	25.50'	33°12'49"	14.78'
C7	25.50'	32°47'12"	13.70'
C8	87.00'	11°04'41"	16.82'
C9	231.00'	11°00'23"	46.39'
C10	9.00'	43°53'56"	6.90'
C11	53.00'	158°24'01"	146.50'
C12	53.00'	27°49'02"	25.71'
C13	53.00'	46°56'07"	45.27'
C14	53.00'	53°59'28"	49.85'
C15	14.00'	57°21'48"	14.02'
C16	14.00'	43°41'19"	10.68'
C17	14.00'	13°40'29"	3.34'
C18	8.00'	90°00'00"	14.14'

Curve	Radius	Delta	Length
C19	15.00'	54°45'30"	14.34'
C20	10.00'	80°57'56"	15.75'
C21	53.00'	30°39'23"	28.67'
C22	14.00'	56°25'35"	13.79'
C23	169.00'	07°42'42"	22.75'
C24	25.50'	56°00'07"	29.81'
C25	74.50'	10°58'33"	13.84'
C26	99.50'	01°20'24"	2.33'
C27	8.50'	49°41'38"	8.07'
C28	53.00'	14°55'43"	13.04'
C29	53.00'	13°53'17"	12.54'

Line	Bearing	Distance
L1	N20°54'47"W	0.50'
L2	N89°05'13"E	4.50'
L3	N20°54'47"W	30.00'
L4	N47°43'53"E	30.52'
L5	N33°46'50"E	51.95'
L6	N37°08'20"E	12.31'
L7	N47°43'53"E	34.11'
L8	N47°43'53"E	30.04'
L9	N46°23'29"E	47.78'



#### NOTES:

1. ALL MONUMENT TIES SHOWN ARE AT RIGHT ANGLES TO THE MONUMENT LINE UNLESS OTHERWISE NOTED.

#### BASIS OF BEARINGS

THE BEARING BETWEEN FOUND MONUMENT CONTROL STATIONS NO. 69 AND NO. 71 AS SHOWN ON B.A.R.T. WARM SPRINGS EXTENSION LINE APPRAISAL MAPS, SHEETS 34, 35, AND 36, CONTRACT NO. 02ED-110, TAKEN AS N23°24'57"W, IS THE BASIS OF BEARINGS FOR THIS MAP.

#### LEGEND

- EXTERIOR BOUNDARY
- LOT LINE
- EXISTING EASEMENT LINE
- NEW EASEMENT LINE
- MONUMENT LINE
- MONUMENT TIE LINE
- EXISTING PROPERTY LINE
- EXISTING RELINQUISHMENT OF ABUTTER'S RIGHTS
- ⊙ FOUND MONUMENT, AS NOTED
- ⊙ FOUND IRON PIPE, AS NOTED
- ⊙ SET STANDARD CITY CONCRETE MONUMENT, STAMPED LS 6630
- EVAE EMERGENCY VEHICLE ACCESS EASEMENT
- PSE PUBLIC SERVICE EASEMENT
- PUE PUBLIC UTILITY EASEMENT
- SOE STORM DRAIN EASEMENT
- PVAW PRIVATE VEHICLE ACCESS WAY
- PPAE PRIVATE PEDESTRIAN ACCESS EASEMENT
- PSDE PRIVATE STORM DRAIN EASEMENT
- PWLE PRIVATE WATER LINE EASEMENT
- SCGM STANDARD CITY CONCRETE MONUMENT
- (M-M) MONUMENT TO MONUMENT
- (R) RADIAL BEARING
- (X) RECORD DATA & REFERENCE
- EX EXISTING
- SQ.FT. SQUARE FEET
- (T) TOTAL
- SSE SANITARY SEWER EASEMENT

*Alvin Leung*  
ALVIN LEUNG, P.L.S. 6630  
AUGUST 15, 2016  
DATE



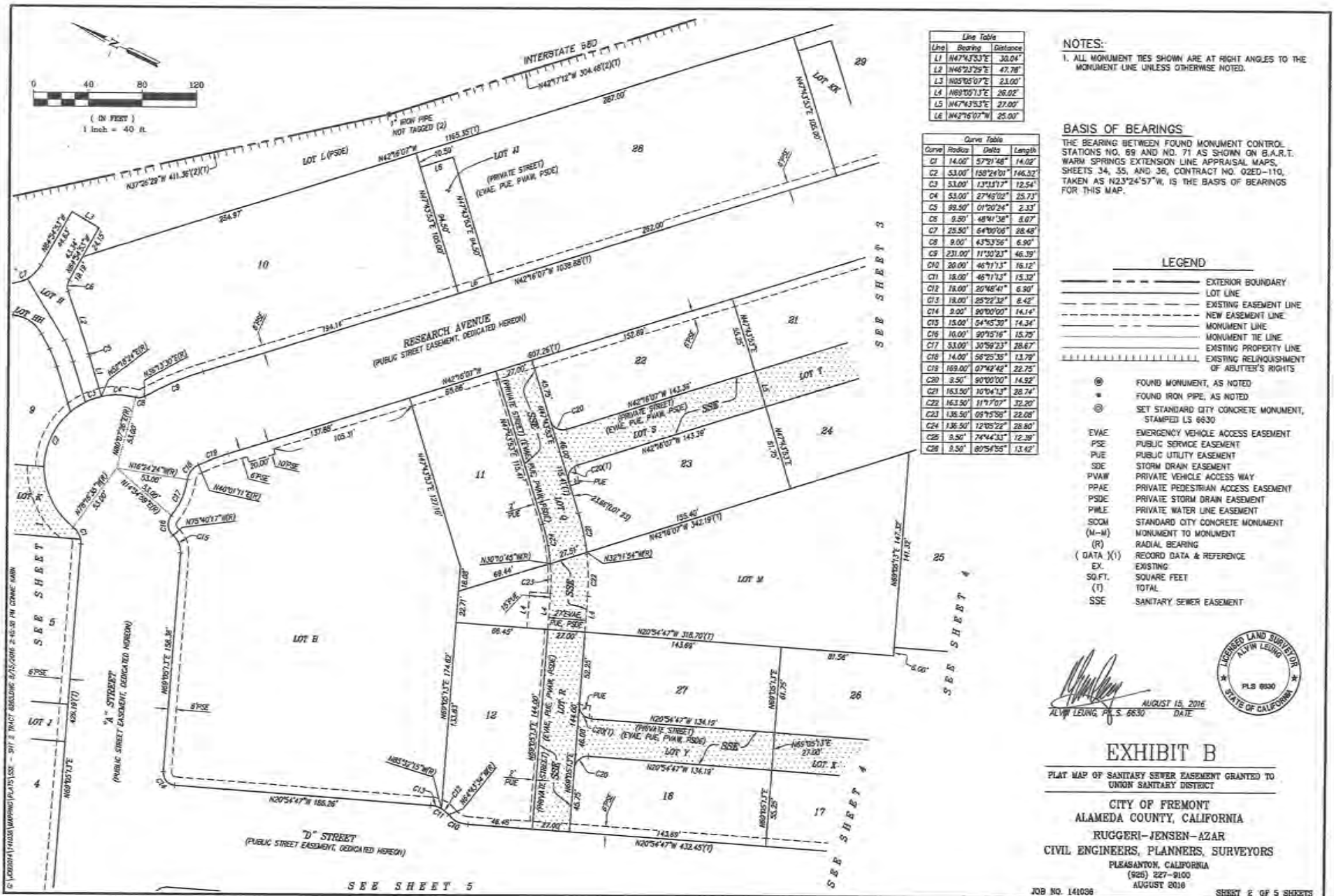
#### EXHIBIT B

PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT

CITY OF FREMONT  
ALAMEDA COUNTY, CALIFORNIA  
RUGGERI-JENSEN-AZAR  
CIVIL ENGINEERS, PLANNERS, SURVEYORS  
PLASANTON, CALIFORNIA  
(925) 227-9100  
AUGUST 2016

JOB NO. 141036

SHEET 1 OF 5 SHEETS



Line	Bearing	Distance
L1	N47°43'53"E	30.04'
L2	N46°23'29"E	47.78'
L3	N05°05'07"E	23.00'
L4	N69°05'13"E	26.02'
L5	N47°43'53"E	27.00'
L6	N42°16'07"W	25.00'

Curve	Radius	Delta	Length
C1	14.00'	57°21'48"	14.02'
C2	53.00'	158°24'01"	146.52'
C3	53.00'	13°13'17"	12.54'
C4	53.00'	27°49'02"	25.73'
C5	89.50'	01°20'24"	2.33'
C6	9.50'	48°41'38"	8.67'
C7	25.50'	64°00'06"	28.48'
C8	9.00'	43°53'56"	6.90'
C9	231.00'	11°30'23"	46.39'
C10	20.00'	46°11'13"	16.12'
C11	18.00'	46°11'13"	15.32'
C12	19.00'	26°46'40"	6.90'
C13	18.00'	25°22'32"	6.42'
C14	9.00'	80°00'00"	14.14'
C15	15.00'	54°45'30"	14.34'
C16	10.00'	30°15'16"	15.79'
C17	53.00'	30°59'23"	28.67'
C18	14.00'	58°25'35"	13.79'
C19	189.00'	07°42'42"	22.75'
C20	9.50'	90°00'00"	14.92'
C21	163.50'	10°04'13"	28.74'
C22	163.50'	11°17'07"	32.20'
C23	135.50'	08°15'58"	22.08'
C24	135.50'	12°05'22"	28.80'
C25	9.50'	74°44'33"	12.38'
C26	9.50'	80°54'55"	13.42'

NOTES:  
1. ALL MONUMENT TIES SHOWN ARE AT RIGHT ANGLES TO THE MONUMENT LINE UNLESS OTHERWISE NOTED.

BASIS OF BEARINGS  
THE BEARING BETWEEN FOUND MONUMENT CONTROL STATIONS NO. 69 AND NO. 71 AS SHOWN ON B.A.R.T. WARM SPRINGS EXTENSION LINE APPRAISAL MAPS, SHEETS 34, 35, AND 36, CONTRACT NO. 02ED-110, TAKEN AS N23°24'57"W, IS THE BASIS OF BEARINGS FOR THIS MAP.

LEGEND  
--- EXTERIOR BOUNDARY  
--- LOT LINE  
--- EXISTING EASEMENT LINE  
--- NEW EASEMENT LINE  
--- MONUMENT LINE  
--- MONUMENT TIE LINE  
--- EXISTING PROPERTY LINE  
--- EXISTING RELINQUISHMENT OF ABUTTER'S RIGHTS  
● FOUND MONUMENT, AS NOTED  
● FOUND IRON PIPE, AS NOTED  
● SET STANDARD CITY CONCRETE MONUMENT, STAMPED LS 6630  
EVAE EMERGENCY VEHICLE ACCESS EASEMENT  
PSE PUBLIC SERVICE EASEMENT  
PUE PUBLIC UTILITY EASEMENT  
SDE STORM DRAIN EASEMENT  
PVAW PRIVATE VEHICLE ACCESS WAY  
PPAE PRIVATE PEDESTRIAN ACCESS EASEMENT  
PSDE PRIVATE STORM DRAIN EASEMENT  
PWLE PRIVATE WATER LINE EASEMENT  
SCOM STANDARD CITY CONCRETE MONUMENT  
(M-M) MONUMENT TO MONUMENT  
(R) RADIAL BEARING  
(DATA X) RECORD DATA & REFERENCE  
EX EXISTING  
SQ.FT. SQUARE FEET  
(T) TOTAL  
SSE SANITARY SEWER EASEMENT

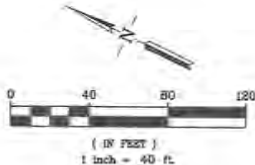
ALVIN LEUNG, PLS 6630  
AUGUST 15, 2016  
DATE  
EXHIBIT B  
PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION CITY, CALIFORNIA  
CITY OF FREMONT  
ALAMEDA COUNTY, CALIFORNIA  
RUGGERI-JENSEN-AZAR  
CIVIL ENGINEERS, PLANNERS, SURVEYORS  
PLEASANTON, CALIFORNIA  
(925) 227-9100  
AUGUST 2016  
SHEET 2 OF 5 SHEETS

# NOTES:

1. ALL MONUMENT TIES SHOWN ARE AT RIGHT ANGLES TO THE MONUMENT LINE UNLESS OTHERWISE NOTED.

## BASIS OF BEARINGS

THE BEARING BETWEEN FOUND MONUMENT CONTROL STATIONS NO. 69 AND NO. 71 AS SHOWN ON B.A.R.T. WARM SPRINGS EXTENSION LINE APPRAISAL MAPS, SHEETS 34, 35, AND 36, CONTRACT NO. 02ED-110, TAKEN AS N23°24'57"W, IS THE BASIS OF BEARINGS FOR THIS MAP.



LEGEND	
	EXTERIOR BOUNDARY
	LOT LINE
	EXISTING EASEMENT LINE
	NEW EASEMENT LINE
	MONUMENT LINE
	MONUMENT TIE LINE
	EXISTING PROPERTY LINE
	EXISTING RELINQUISHMENT OF ADJUTER'S RIGHTS
	FOUND MONUMENT, AS NOTED
	FOUND IRON PIPE, AS NOTED
	SET STANDARD CITY CONCRETE MONUMENT, STAMPED LS 6630
EVAE	EMERGENCY VEHICLE ACCESS EASEMENT
PSE	PUBLIC SERVICE EASEMENT
PUE	PUBLIC UTILITY EASEMENT
SDE	STORM DRAIN EASEMENT
PVAW	PRIVATE VEHICLE ACCESS WAY
PPAE	PRIVATE PEDESTRIAN ACCESS EASEMENT
PSDE	PRIVATE STORM DRAIN EASEMENT
PHLE	PRIVATE WATER LINE EASEMENT
SCCM	STANDARD CITY CONCRETE MONUMENT
(M-M)	MONUMENT TO MONUMENT
(R)	RADIAL BEARING
( DATA )(1)	RECORD DATA & REFERENCE
EX	EXISTING
SQ.FT.	SQUARE FEET
(T)	TOTAL
SSE	SANITARY SEWER EASEMENT

ALVIN LEUNG, P.L.S. 6630  
AUGUST 15, 2016  
DATE

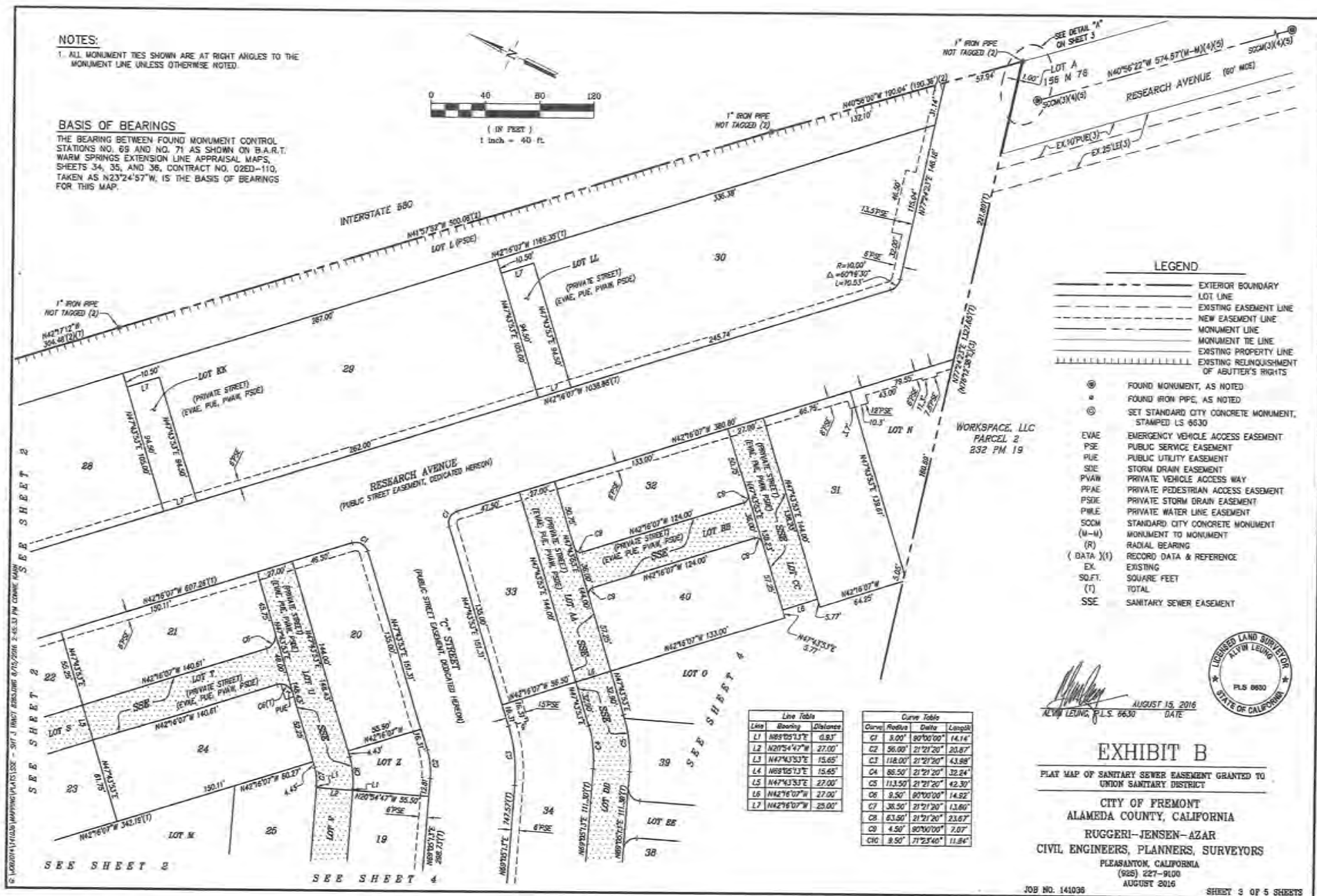
## EXHIBIT B

FLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT

CITY OF FREMONT  
ALAMEDA COUNTY, CALIFORNIA  
RUGGERI-JENSEN-AZAR  
CIVIL ENGINEERS, PLANNERS, SURVEYORS  
PLEASANTON, CALIFORNIA  
(925) 227-9100  
AUGUST 2016

JOB NO. 141036

SHEET 3 OF 5 SHEETS

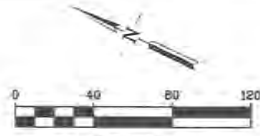


Original Map may be found at USD, 5072 Benson Rd., Union City, CA 94587

Curve	Radius	Delta	Length
C1	58.00'	21°21'28"	20.87'
C2	118.00'	21°21'28"	43.58'
C3	8.00'	90°00'00"	14.14'
C4	9.50'	90°00'00"	14.82'
C5	86.50'	21°21'28"	32.34'
C6	113.50'	21°21'28"	42.30'
C7	113.50'	21°21'28"	42.30'
C8	113.50'	21°21'28"	42.30'
C9	4.50'	90°00'00"	7.67'
C10	13.00'	43°39'54"	16.35'

Curve	Radius	Delta	Length
C11	24.50'	27°42'10"	11.85'
C12	183.50'	63°22'29"	9.83'
C13	24.50'	85°10'18"	36.37'
C14	24.50'	64°47'58"	1.77'
C15	24.50'	80°55'24"	34.60'
C16	36.50'	27°20'20"	13.80'
C17	63.50'	27°20'20"	23.67'
C18	9.50'	90°00'00"	13.31'

Line	Bearing	Distance
L1	N47°43'53"E	15.63'
L2	N69°05'13"E	15.63'
L3	N69°05'13"E	0.83'
L4	N20°54'47"W	27.00'
L5	N69°05'13"E	27.00'
L6	N42°16'07"W	27.00'



#### NOTES:

1. ALL MONUMENT TIES SHOWN ARE AT RIGHT ANGLES TO THE MONUMENT LINE UNLESS OTHERWISE NOTED.

#### BASIS OF BEARINGS

THE BEARING BETWEEN FOUND MONUMENT CONTROL STATIONS NO. 69 AND NO. 71 AS SHOWN ON B.A.R.T. WARM SPRINGS EXTENSION LINE APPRAISAL MAPS, SHEETS 34, 35, AND 36, CONTRACT NO. 022-110, TAKEN AS N23°24'57"W, IS THE BASIS OF BEARINGS FOR THIS MAP.

#### LEGEND

---	EXTERIOR BOUNDARY
---	LOT LINE
---	EXISTING EASEMENT LINE
---	NEW EASEMENT LINE
---	MONUMENT LINE
---	MONUMENT TIE LINE
---	EXISTING PROPERTY LINE
---	EXISTING RELINQUISHMENT OF ABUTTER'S RIGHTS

⊙	FOUND MONUMENT, AS NOTED
*	FOUND IRON PIPE, AS NOTED
⊙	SET STANDARD CITY CONCRETE MONUMENT, STAMPED LS 6630
EVAE	EMERGENCY VEHICLE ACCESS EASEMENT
PSE	PUBLIC SERVICE EASEMENT
PUE	PUBLIC UTILITY EASEMENT
SUE	STORM DRAIN EASEMENT
PVAW	PRIVATE VEHICLE ACCESS WAY
PPAE	PRIVATE PEDESTRIAN ACCESS EASEMENT
PSDE	PRIVATE STORM DRAIN EASEMENT
PWLE	PRIVATE WATER LINE EASEMENT
SCM	STANDARD CITY CONCRETE MONUMENT
(N-M)	MONUMENT TO MONUMENT
(R)	RADIAL BEARING
(DATA X1)	RECORD DATA & REFERENCE
EX	EXISTING
SQ.FT.	SQUARE FEET
(T)	TOTAL
SSE	SANITARY SEWER EASEMENT

ALVIN LEUNG, P.L.S. 6630  
AUGUST 15, 2016  
DATE



### EXHIBIT B

PLAY MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT

CITY OF FREMONT  
ALAMEDA COUNTY, CALIFORNIA  
RUGGERI-JENSEN-AZAR  
CIVIL ENGINEERS, PLANNERS, SURVEYORS  
PLEASANTON, CALIFORNIA  
(925) 227-9100  
AUGUST 2016

JOB NO. 141036

SHEET 4 OF 5 SHEETS





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

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

Karen W. Murphy  
*Attorney*

**JUNE 28, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 13**

**TITLE:** Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8418 – Sanctuary Village 2, Located at Cherry Street and Stevenson Boulevard, in the City of Newark (*This is a Motion Item*)

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
Sami E. Ghossain, Technical Services Work Group Manager  
Rollie Arbolante, Customer Service Team Coach  
Rod Schurman, Associate Engineer

**Recommendation**

Staff recommends the Board consider a resolution to accept a sanitary sewer easement for Tract 8418 – Sanctuary Village 2, located at southwest corner of Cherry Street and Stevenson Boulevard, in the city of Newark.

**Discussion**

In late 2017 the City of Newark approved the Final Map for Tract 8270 – Sanctuary, that divided a large parcel at the southwest corner of Cherry Street and Stevenson Boulevard into four large-lot “village” parcels for residential development, a parcel for a future school, a parcel for a park, eight parcels for various easements, and a public roadway network. The four “village” parcels were subsequently divided into residential lots identified as Tracts 8417, 8418, 8419, and 8420, known as Sanctuary Villages 1 through 4. A vicinity map is attached.

Tract 8418 is a residential development consisting of 108 single-family residences and is being constructed by the developer Arroyo Cap III, LLC.

Sanitary sewer service for the residential development will be provided by new 8-inch sewer mains in the development’s roadways that discharge to an existing 8-inch sewer main in Tomcod Street. The roadways within Tract 8418 do not meet the City of Newark’s street dimensions and

structure setback requirements for public streets and were, therefore, designated as private. Arroyo Cap III, LLC, has constructed the new 8-inch sewer mains and has granted the District a sanitary sewer easement that provides for access and maintenance of the new sewer mains.

Legal descriptions and plat maps have been prepared for the Grant of Easement for Sanitary Sewer Purposes. District staff has reviewed the documents and recommends approval.

**Background**

None.

**Previous Board Action**

None.

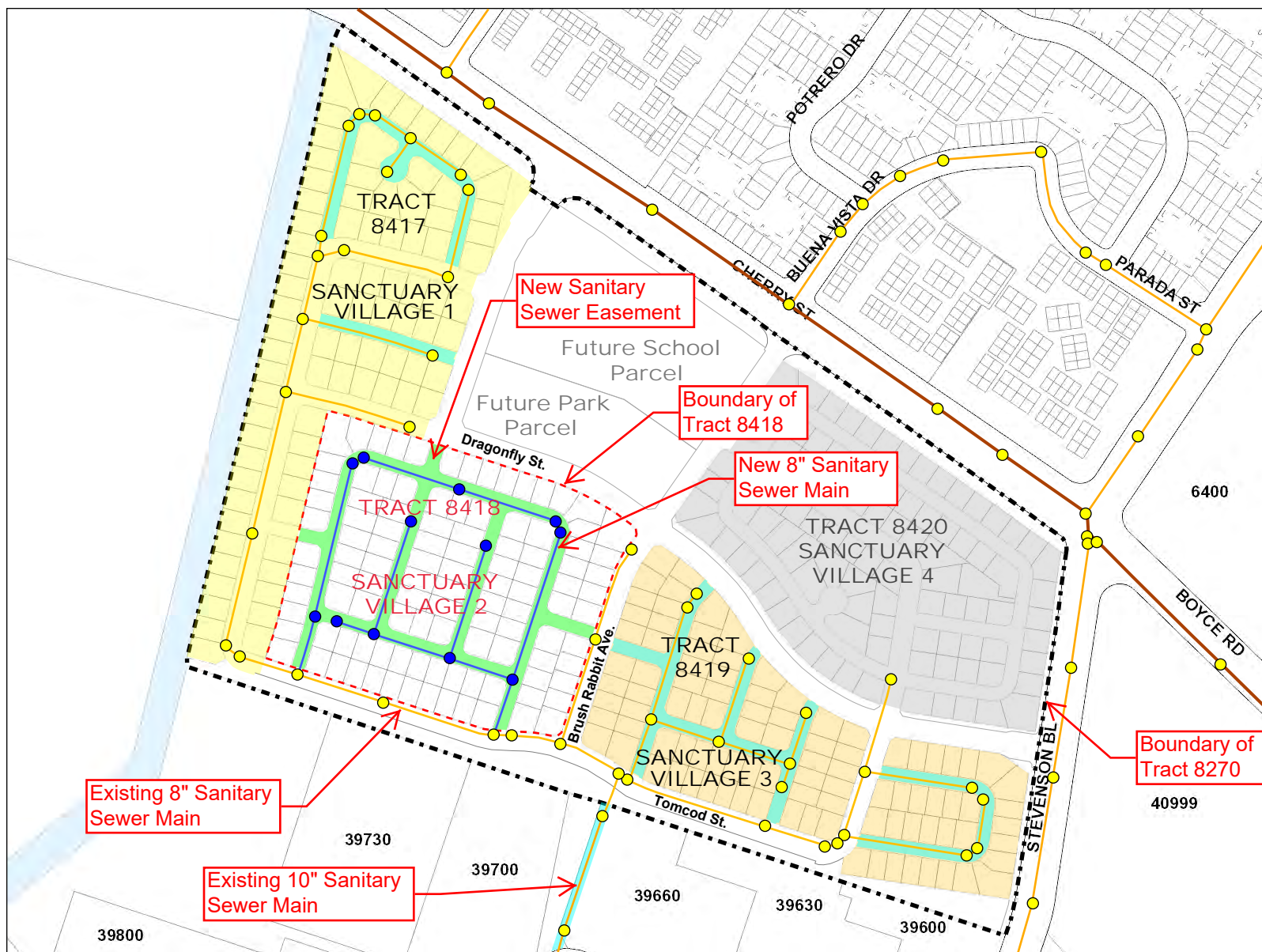
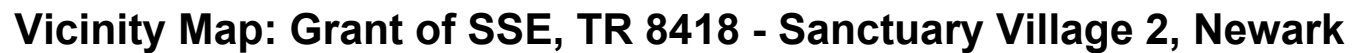
PRE/SEG/RA/RS:mb

Attachments: Vicinity Map

Resolution Accepting Grant of Easement

Grant of Easement Recording Request with Certificate of Acceptance

Grant of Easement for Sanitary Sewer Purposes with Exhibits A & B



## Sewer Manholes

-  Drop manhole
-  End Cap
-  Junction structure
-  Lamphole
-  Lift station
-  Manhole
-  New Manhole
-  Riser

## Sewer Mains

- New Gravity Main
- EBDA outfall
- Forcemain
- Gravity main
- - Overflow main
- Siphons
- Trunk Main

- Public Right of Way
  - Private Right of Way
  - New Sewer Easement
  - Existing Sewer Easement
- Parcels
- Parcel (typical)
  - ACFC&WCD



1: 5,000



**For USD use only**

The information on this map is provided by Union Sanitary District (USD) for internal use only. Such information is derived from multiple sources which may not be current, be outside the control of USD, and may be of indeterminate accuracy. The information provided hereon may be inaccurate or out of date and any person or entity who relies on said information for any purpose whatsoever does so solely at their own risk.

## Notes

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

**ACCEPT A SANITARY SEWER EASEMENT FOR TRACT 8418 –  
SANCTUARY VILLAGE 2, LOCATED AT CHERRY STREET AND  
STEVENSON BOULEVARD, IN THE CITY OF NEWARK, CALIFORNIA**

RESOLVED by the Board of Directors of UNION SANITARY DISTRICT, that it hereby accepts the Grant of Easement from ARROYO CAP III, LLC, executed on October 17, 2018, as described in the Grant of Easement for Sanitary Sewer Purposes, and by the legal description and plat map, attached as Exhibit A and B, respectively.

FURTHER RESOLVED by the Board of Directors of UNION SANITARY DISTRICT that it hereby authorizes the General Manager/District Engineer, or his designee, to attend to the recordation thereof.

On motion duly made and seconded, this resolution was adopted by the following vote on June 28, 2021:

AYES:

NOES:

ABSENT:

ABSTAIN:

\_\_\_\_\_  
PAT KITE  
President, Board of Directors  
Union Sanitary District

Attest:

\_\_\_\_\_  
MANNY FERNANDEZ  
Secretary, Board of Directors  
Union Sanitary District

RECORDING REQUESTED BY  
AND WHEN RECORDED RETURN TO:  
Union Sanitary District  
Attn: Regina McEvoy  
5072 Benson Road  
Union City, CA 94587

Record Without Fee  
*Pursuant to Government Code  
Section 27383*

*Space Above Reserved for Recorder's Use Only*

Documentary Transfer Tax \$0.00, consideration less than \$100 (R&T Code 11911)  
This instrument is exempt from recording fees (Govt. Code 27383)

## **GRANT OF EASEMENT**

**BY AND BETWEEN**

**ARROYO CAP III, LLC**

**AND**

**UNION SANITARY DISTRICT**

**Effective Date: June 28, 2021**

(Grant of Easement)

This is to certify that the interest in real property conveyed by the Grant of Easement for Sanitary Sewer Purposes, dated October 17, 2018, from ARROYO CAP III, LLC, to UNION SANITARY DISTRICT, an independent special district ("**District**"), is hereby accepted by the undersigned officer or agent on behalf of the District pursuant to authority conferred by Resolution No. \_\_\_\_\_, dated June 28, 2021, and the District consents to recordation thereof by its duly authorized officer.

Date: \_\_\_\_\_, 2021

**District**

UNION SANITARY DISTRICT

Paul R. Eldredge, General Manager

## ACKNOWLEDGMENT

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

State of California )  
 ) ss  
County of Alameda )

On \_\_\_\_\_, 2021, before me, Regina Dyan McEvoy,  
(Name of Notary)

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

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

WITNESS my hand and official seal.

(Notary Signature)

**GRANT OF EASEMENT**  
**FOR SANITARY SEWER PURPOSES**

THIS INDENTURE, made this 17<sup>th</sup> day of October 2018, by and between ARROYO CAP III, LLC, the Party/~~Parties~~ of the First Part, and UNION SANITARY DISTRICT, the Party of the Second Part,

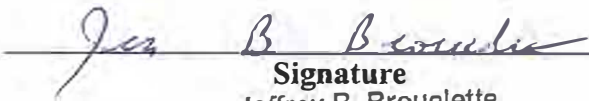
**WITNESSETH:**

That said Party/~~Parties~~ of the First Part does hereby grant to the Party of the Second Part and to its successors and assigns forever, for the use and purposes herein stated, the rights of way and easements hereinafter described, located in the city of Newark, county of Alameda, state of California:

**See Exhibit "A" and Exhibit "B"**

together with the right and privilege of constructing, reconstructing, cleaning, repairing and maintaining at any time, a sanitary sewer and appurtenances along, upon, over, in, through and across the above described property; together with free ingress and egress to and for the said Party of the Second Part, its successors and assigns, its agents and employees, workmen, contractors, equipment, vehicles and tools, along, upon, over, in, through and across said right of way; together with the right of access by its successors and assigns, its agents and employees, workmen, contractors, equipment, vehicles and tools to said right of way from the nearest public street, over and across the adjoining property, if such there be; otherwise by such route or routes across said adjoining property as shall occasion the least practicable damage and inconvenience to the Party/~~Parties~~ of the First Part, for constructing, cleaning, repairing and maintaining said sanitary sewer and appurtenances; together with free ingress and egress over the land immediately adjoining for maintenance, repair and replacement as well as the initial construction of said sewer.

IN WITNESS WHEREOF the said Party/~~Parties~~ of the First Part have executed this indenture the day and year first above written.

  
\_\_\_\_\_  
**Signature**  
Jeffrey B. Brouelette  
Executive Vice President  
By: \_\_\_\_\_  
(Print or type name and title of signatory)  
**Arroyo Cap III, LLC**

(Notarize)

## ACKNOWLEDGMENT

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

State of California


County of LOS ANGELES )

On 17 OCTOBER 2018 before me, MEGAN DANIELLE POLYACHENKO CA NOTARY PUBLIC  
(insert name and title of the officer)

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

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

WITNESS my hand and official seal.

Signature  (Seal)



OCTOBER 12, 2018  
JOB NO.: 2503-020

EXHIBIT A  
LEGAL DESCRIPTION  
SANITARY SEWER EASEMENT CONVEYED TO UNION SANITARY DISTRICT  
TRACT 8418  
NEWARK, CALIFORNIA

ALL THAT REAL PROPERTY SITUATE IN THE INCORPORATED TERRITORY OF THE CITY OF NEWARK, COUNTY OF ALAMEDA, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

BEING ALL OF PARCEL A LABELED AS SSE - SANITARY SEWER EASEMENT, OF TRACT 8418 RECORDED OCTOBER 12, 2018, FILED IN BOOK 357 OF MAPS AT PAGES 29-36, ALAMEDA COUNTY RECORDS AND SHOWN ON EXHIBIT B - PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT.

CONTAINING 135,093 SQUARE FEET OF LAND, MORE OR LESS.

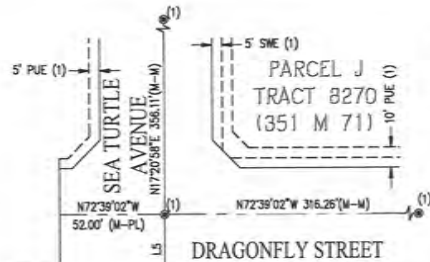
ATTACHED HERETO IS A PLAT TO ACCOMPANY LEGAL DESCRIPTION, AND BY THIS REFERENCE MADE A PART HEREOF.

END OF DESCRIPTION



*Mark H. Wehber* 10/16/18  
MARK H. WEHBER, P.L.S.  
L.S. NO. 7960

LOT 1  
TRACT 8270  
(351 M 71)



CURVE TABLE			
NO	RADIUS	DELTA	LENGTH
C1	20.00'	90°00'00"	31.42'
C2	20.00'	90°00'00"	31.42'
C3	64.00'	27°55'47"	31.20'
C4	64.00'	20°29'57"	22.90'
C5	64.00'	33°58'06"	37.94'
C6	64.00'	12°06'18"	13.52'
C7	25.00'	94°30'07"	41.23'
C8	472.00'	37°5'02"	26.78'
C9	472.00'	17°5'05"	10.31'
C10	472.00'	4°30'07"	37.09'
C11	20.00'	90°00'00"	31.42'
C12	20.00'	90°00'00"	31.42'
C13	20.00'	90°00'00"	31.42'
C14	20.00'	90°00'00"	31.42'
C15	64.00'	94°30'07"	105.56'
C16	72.40'	4°45'01"	6.00'
C17	72.40'	9°09'38"	11.58'

## EXHIBIT B

PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO  
UNION SANITARY DISTRICT  
CITY OF NEWARK, ALAMEDA COUNTY, CALIFORNIA

**Carlson, Barbee & Gibson, Inc.**

CIVIL ENGINEERS • SURVEYORS • PLANNERS  
SAN RAMON • WEST SACRAMENTO

SCALE: 1" = 40' OCTOBER 2018



### BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS BETWEEN  
FOUND MONUMENTS ON CHERRY STREET, THE BEARING TAKEN  
AS N56°08'16"W PER TRACT 8270 (351 M 71).

### LEGEND

---	SUBDIVISION BOUNDARY LINE
---	RIGHT OF WAY LINE
---	LOT LINE
---	EASEMENT LINE
---	CENTERLINE
---	MONUMENT LINE
---	TIE LINE
(T)	TOTAL
(R)	RADIAL
(M-M)	MONUMENT TO MONUMENT
(M-PL)	MONUMENT TO PROPERTY LINE
(#), (###-##)	RECORD INFORMATION
⊙	FOUND STANDARD STREET MONUMENT
⊙	SET STANDARD STREET MONUMENT, LS 7960
IEE	INGRESS/EGRESS EASEMENT
LE	LANDSCAPE EASEMENT
PAE	PRIVATE ACCESS EASEMENT
PUE	PUBLIC UTILITY EASEMENT
PSDE	PRIVATE STORM DRAIN EASEMENT
SSE	SANITARY SEWER EASEMENT
SWE	SIDEWALK EASEMENT
WLE	WATER LINE EASEMENT

### REFERENCES:

- (#) INDICATES REFERENCE NUMBER
- (1) TRACT 8270 (351 M 71)
- (2) PARCEL MAP 7255 (236 PM 79)
- (3) TRACT 5165 (140 M 30)
- (4) TRACT 4730 (127 M 1)



10/16/19

TRACT 8418  
SHEET 1 OF 4

2503-00

Original Map may be found at USD, 5072 Benson Rd., Union City, CA 94587

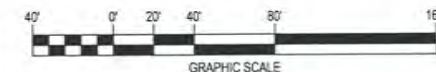
# EXHIBIT B

PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO  
UNION SANITARY DISTRICT  
CITY OF NEWARK, ALAMEDA COUNTY, CALIFORNIA

**Carlson, Barbee & Gibson, Inc.**

CIVIL ENGINEERS • SURVEYORS • PLANNERS  
SAN RAMON • WEST SACRAMENTO

SCALE: 1" = 40' OCTOBER 2018



## BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS BETWEEN  
FOUND MONUMENTS ON CHERRY STREET, THE BEARING TAKEN  
AS N56°08'18"W PER TRACT 8270 (351 M 71).

## LEGEND

	SUBDIVISION BOUNDARY LINE
	RIGHT OF WAY LINE
	LOT LINE
	EASEMENT LINE
	CENTERLINE
	MONUMENT LINE
	TIE LINE
(T)	TOTAL
(R)	RADIAL
(M-M)	MONUMENT TO MONUMENT
(M-PL)	MONUMENT TO PROPERTY LINE
(#), (###-###)	RECORD INFORMATION
●	FOUND STANDARD STREET MONUMENT
⊙	SET STANDARD STREET MONUMENT, LS 7980
IEE	INGRESS/EGRESS EASEMENT
LE	LANDSCAPE EASEMENT
PAE	PRIVATE ACCESS EASEMENT
PUE	PUBLIC UTILITY EASEMENT
PSDE	PRIVATE STORM DRAIN EASEMENT
SSE	SANITARY SEWER EASEMENT
SWE	SIDEWALK EASEMENT
WLE	WATER LINE EASEMENT

## REFERENCES:

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- (1) TRACT 8270 (351 M 71)
- (2) PARCEL MAP 7255 (236 PM 79)
- (3) TRACT 5165 (140 M 30)
- (4) TRACT 4730 (127 M 1)

NO	RADIUS	DELTA	LENGTH
C1	20.00'	90°00'00"	31.42'
C2	20.00'	90°00'00"	31.42'
C3	65.50'	28°12'13"	32.24'
C4	65.50'	20°19'46"	23.24'
C5	65.50'	31°15'14"	35.73'
C6	65.50'	10°12'48"	11.68'
C7	26.50'	90°00'00"	41.63'

NO	RADIUS	DELTA	LENGTH
C8	672.00'	1°28'13"	17.24'
C9	672.00'	2°15'45"	26.54'
C10	20.00'	90°00'00"	31.42'
C11	20.00'	90°00'00"	31.42'
C12	278.00'	1°28'27"	7.15'
C13	278.00'	10°53'47"	52.87'
C14	278.00'	4°28'45"	21.73'

NO	BEARING	LENGTH
L1	N17°20'58"E	15.50' (M-PL)
L2	N17°20'58"E	23.50' (M-PL)
L3	N72°39'02"W	15.50' (M-PL)
L4	N72°39'02"W	23.50' (M-PL)
L5	N10°48'03"W	19.44'
L6	N17°20'58"E	11.80'
L7	N72°39'02"E	15.50'
L8	N17°20'58"E	173.40' (M-M)

NO	BEARING	LENGTH
L9	N17°20'58"E	11.80'
L10	N45°33'11"E	21.31' (R)
L11	N55°48'03"W	33.50' (M-PL)
L12	N72°39'02"W	33.50' (M-PL)
L13	N72°39'02"W	14.50'
L14	N72°39'02"W	9.33'
L15	N72°39'02"W	6.17'
L16	N17°20'58"W	7.76'
L17	N34°11'57"E	33.50'

PARCEL J  
TRACT 8270  
(351 M 71)

LOT 4  
TRACT 8270  
(351 M 71)

LOT 3  
TRACT 8270  
(351 M 71)



TRACT 8418  
SHEET 2 OF 4

# EXHIBIT B

PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO  
UNION SANITARY DISTRICT  
CITY OF NEWARK, ALAMEDA COUNTY, CALIFORNIA

**Carlson, Barbee & Gibson, Inc.**

CIVIL ENGINEERS • SURVEYORS • PLANNERS  
SAN RAMON • WEST SACRAMENTO

SCALE: 1" = 40' OCTOBER 2018



## BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS BETWEEN  
FOUND MONUMENTS ON CHERRY STREET, THE BEARING TAKEN  
AS N56°08'18"W PER TRACT 8270 (351 M 71).

## LEGEND

	SUBDIVISION BOUNDARY LINE
	RIGHT OF WAY LINE
	LOT LINE
	EASEMENT LINE
	CENTERLINE
	MONUMENT LINE
	TIE LINE
(T)	TOTAL
(R)	RADIAL
(M-M)	MONUMENT TO MONUMENT
(M-PL)	MONUMENT TO PROPERTY LINE
(A, ###)	RECORD INFORMATION
●	FOUND STANDARD STREET MONUMENT
⊙	SET STANDARD STREET MONUMENT, LS 7960
IEE	INGRESS/EGRESS EASEMENT
LE	LANDSCAPE EASEMENT
PAE	PRIVATE ACCESS EASEMENT
PUE	PUBLIC UTILITY EASEMENT
PSDE	PRIVATE STORM DRAIN EASEMENT
SSE	SANITARY SEWER EASEMENT
SWE	SIDEWALK EASEMENT
WLE	WATER LINE EASEMENT

## REFERENCES:

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- (3) TRACT 5165 (140 M 30)
- (4) TRACT 4730 (127 M 1)



SEE SHEET 4

SEE SHEET 1

LOT 1  
TRACT 8270  
(351 M 71)

2503-00

Original Map may be found at USD, 5072 Benson Rd., Union City, CA 94587

# EXHIBIT B

PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO  
UNION SANITARY DISTRICT  
CITY OF NEWARK, ALAMEDA COUNTY, CALIFORNIA

**Carlson, Barbee & Gibson, Inc.**

CIVIL ENGINEERS • SURVEYORS • PLANNERS  
SAN RAMON • WEST SACRAMENTO

SCALE: 1" = 40' OCTOBER 2018



## BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS BETWEEN  
FOUND MONUMENTS ON CHERRY STREET, THE BEARING TAKEN  
AS N56°08'18"W PER TRACT 8270 (351 M 71).

## LEGEND

---	SUBDIVISION BOUNDARY LINE
---	RIGHT OF WAY LINE
---	LOT LINE
---	EASEMENT LINE
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(T)	TOTAL
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- (3) TRACT 5165 (140 M 30)
- (4) TRACT 4730 (127 M 1)

NO	RADIUS	DELTA	LENGTH
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C2	20.00'	90°00'00"	31.42'
C3	20.00'	90°00'00"	31.42'
C4	20.00'	90°00'00"	31.42'
C5	20.00'	90°00'00"	31.42'
C6	222.00'	9°55'56"	38.48'
C7	222.00'	6°13'44"	24.14'

NO	RADIUS	DELTA	LENGTH
C8	222.00'	19°24'50"	75.22'
C9	528.00'	0°24'09"	3.71'
C10	528.00'	8°05'38"	74.59'
C11	528.00'	5°53'33"	54.30'
C12	20.00'	24°15'55"	8.47'
C13	20.00'	24°15'55"	8.47'
C14	222.00'	3°15'10"	12.60'

NO	BEARING	LENGTH
L1	N17°20'58"E	19.44' (M-PL)
L2	N59°50'13"E	12.51'
L3	N72°39'02"W	33.50' (M-PL)
L4	N17°20'58"E	21.00' (M-PL)
L5	N17°20'58"E	7.74'
L6	N17°20'58"E	7.74'
L7	N17°20'58"E	7.75'

SEE SHEET 2



TRACT 8418  
SHEET 4 OF 4



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

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

Karen W. Murphy  
*Attorney*

**JUNE 28, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 14**

**TITLE:** Consider a Resolution to Accept a Sanitary Sewer Easement for Tract 8330 – Hobbs Phase 3, Located at Mission Boulevard and Vinha Way, in the City of Fremont (*This is a Motion Item*)

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
Sami E. Ghossain, Technical Services Work Group Manager  
Rollie Arbolante, Customer Service Team Coach  
Rod Schurman, Associate Engineer

**Recommendation**

Staff recommends the Board consider a resolution to accept a sanitary sewer easement for Tract 8330 – Hobbs Phase 3, located at Mission Boulevard Street and Vinha Way, in the City of Fremont.

**Discussion**

The developer, Robson Homes, LLC, is constructing a residential development consisting of 46 new single-family residences. The development is located on the north side of Mission Boulevard at the intersection of Mission Blvd. and Vinha Way, in the city of Fremont. A vicinity map is attached.

Sanitary sewer service for the residential development will be provided by new 8-inch sewer mains in the development's roadways that discharge to an existing 8-inch sewer main in Mission Boulevard. Some of the roadways within Tract 8330 meet the City of Fremont's requirements for public streets and new sewer mains within these streets do not require an easement. However, some streets do not meet the City of Fremont's street dimensions and structure setback requirements for public streets and were, therefore, designated as private. Robson Homes, LLC, has constructed new 8-inch sewer mains within the private streets and has granted the District a sanitary sewer easement that provides for access and maintenance of the new sewer mains.

Legal descriptions and plat maps have been prepared for the Grant of Easement for Sanitary Sewer Purposes. District staff has reviewed the documents and recommends approval.

**Background**

None.

**Previous Board Action**

None.

PRE/SEG/RA/RS:mb

Attachments: Vicinity Map

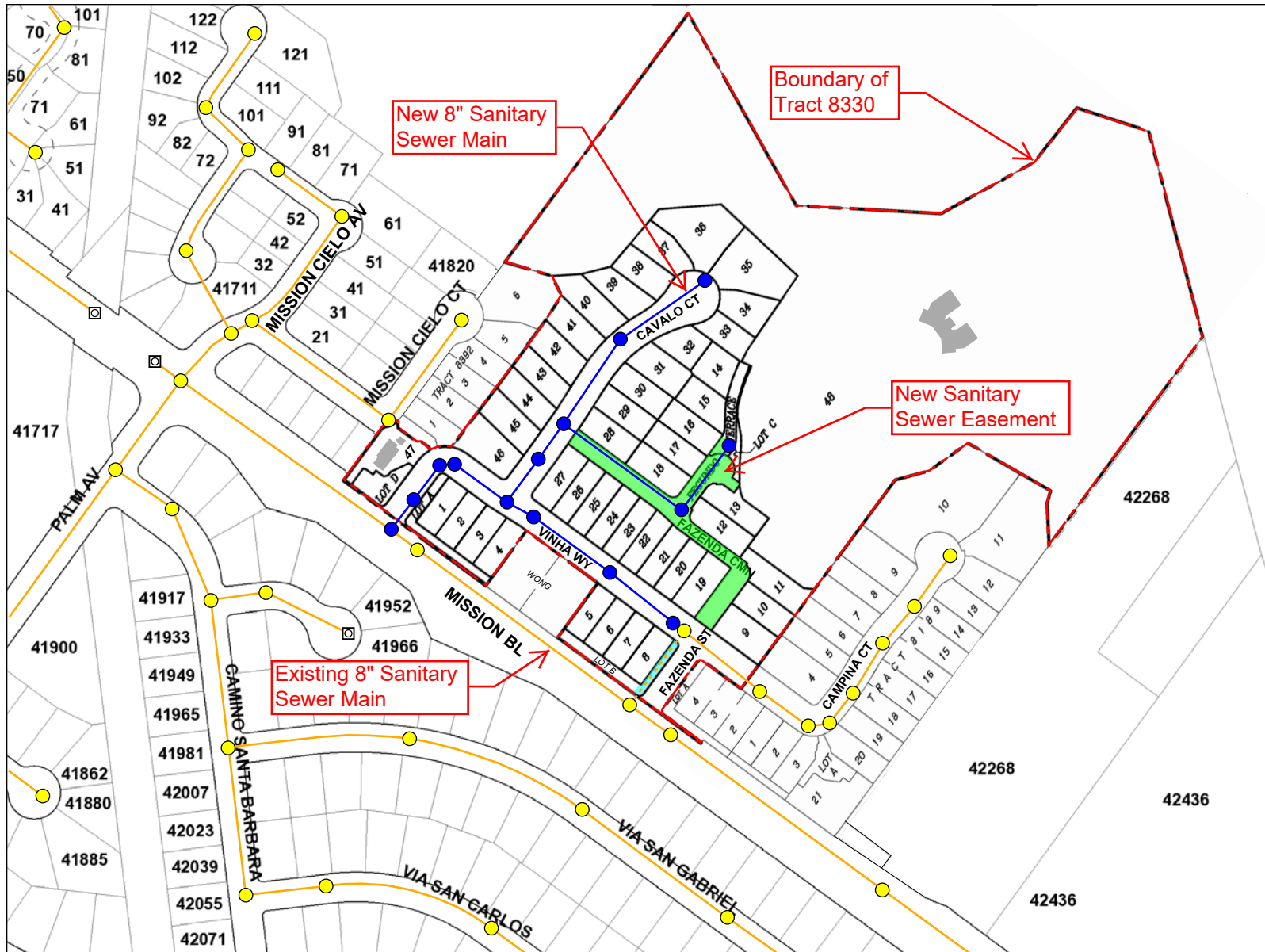
Resolution Accepting Grant of Easement

Grant of Easement Recording Request with Certificate of Acceptance

Grant of Easement for Sanitary Sewer Purposes with Exhibits A & B



# Vicinity Map: Grant of SSE, Tract 8330 - Hobbs Phase 3, Mission Boulevard & Vinha Way, Fremont



## LEGEND

### Sewer Structures

- Drop Manhole, New
- End Cap
- Junction Structure
- Lamphole
- Lift Station
- Manhole
- New Manhole
- Riser

### Sewer Mains

- New Sewer Main
- Abandoned Sewer Main
- Forcemain
- Gravity Main
- Overflow Main
- Siphon
- Trunk Main

### Railroads

- Union Pacific, Other
- BART/VTA

- Parcels
- Public Right of Way
- Tract Boundary
- New Sewer Easement
- Existing Sewer Easement
- Existing Residence

367.3 0 183.64 367.3 Feet

1:4,407

Printed: 6/17/2018 4:17 PM



## For USD use only

The information on this map is provided by Union Sanitary District (USD) for internal use only. Such information is derived from multiple sources which may not be current, be outside the control of USD, and may be of indeterminate accuracy. The information provided hereon may be inaccurate or out of date and any person or entity who relies on said information for any purpose whatsoever does so solely at their own risk.

## Notes

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

**ACCEPT A SANITARY SEWER EASEMENT FOR TRACT 8330 – HOBBS  
PHASE 3, LOCATED AT MISSION BOULEVARD AND VINHA WAY,  
IN THE CITY OF FREMONT, CALIFORNIA**

RESOLVED by the Board of Directors of UNION SANITARY DISTRICT, that it hereby accepts the Grant of Easement from ROBSON HOMES, LLC, executed on December 8, 2017, as described in the Grant of Easement for Sanitary Sewer Purposes, and by the legal description and plat map, attached as Exhibit A and B, respectively.

FURTHER RESOLVED by the Board of Directors of UNION SANITARY DISTRICT that it hereby authorizes the General Manager/District Engineer, or his designee, to attend to the recordation thereof.

On motion duly made and seconded, this resolution was adopted by the following vote on June 28, 2021:

AYES:

NOES:

ABSENT:

ABSTAIN:

\_\_\_\_\_  
PAT KITE  
President, Board of Directors  
Union Sanitary District

Attest:

\_\_\_\_\_  
MANNY FERNANDEZ  
Secretary, Board of Directors  
Union Sanitary District

RECORDING REQUESTED BY  
AND WHEN RECORDED RETURN TO:  
Union Sanitary District  
Attn: Regina McEvoy  
5072 Benson Road  
Union City, CA 94587

Record Without Fee  
*Pursuant to Government Code  
Section 27383*

*Space Above Reserved for Recorder's Use Only*

Documentary Transfer Tax \$0.00, consideration less than \$100 (R&T Code 11911)  
This instrument is exempt from recording fees (Govt. Code 27383)

## **GRANT OF EASEMENT**

**BY AND BETWEEN**

**ROBSON HOMES, LLC**

**AND**

**UNION SANITARY DISTRICT**

**Effective Date: June 28, 2021**

# CERTIFICATE OF ACCEPTANCE

## (Grant of Easement)

This is to certify that the interest in real property conveyed by the Grant of Easement for Sanitary Sewer Purposes, dated December 8, 2017, from ROBSON HOMES, LLC, to UNION SANITARY DISTRICT, an independent special district ("**District**"), is hereby accepted by the undersigned officer or agent on behalf of the District pursuant to authority conferred by Resolution No. \_\_\_\_\_, dated June 28, 2021, and the District consents to recordation thereof by its duly authorized officer.

Date: \_\_\_\_\_, 2021

District

UNION SANITARY DISTRICT

Paul R. Eldredge, General Manager

## ACKNOWLEDGMENT

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

State of California                     )  
County of Alameda       ) ss

On \_\_\_\_\_, 2021, before me, Regina Dyan McEvoy,  
(Name of Notary)

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

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

WITNESS my hand and official seal.

(Notary Signature)

**GRANT OF EASEMENT**  
**FOR SANITARY SEWER PURPOSES**

THIS INDENTURE, made this 8<sup>th</sup> day of December 2017, by and between Robson Homes, LLC, the Party/~~Parties~~ of the First Part, and UNION SANITARY DISTRICT, the Party of the Second Part,

**WITNESSETH:**

That said Party/~~Parties~~ of the First Part does hereby grant to the Party of the Second Part and to its successors and assigns forever, for the use and purposes herein stated, the rights of way and easements hereinafter described, located in the city of Fremont, county of Alameda, state of California:

**See Exhibit "A" and Exhibit "B"**

together with the right and privilege of constructing, reconstructing, cleaning, repairing and maintaining at any time, a sanitary sewer and appurtenances along, upon, over, in, through and across the above described property; together with free ingress and egress to and for the said Party of the Second Part, its successors and assigns, its agents and employees, workmen, contractors, equipment, vehicles and tools, along, upon, over, in, through and across said right of way; together with the right of access by its successors and assigns, its agents and employees, workmen, contractors, equipment, vehicles and tools to said right of way from the nearest public street, over and across the adjoining property, if such there be; otherwise by such route or routes across said adjoining property as shall occasion the least practicable damage and inconvenience to the Party/Parties of the First Part, for constructing, cleaning, repairing and maintaining said sanitary sewer and appurtenances; together with free ingress and egress over the land immediately adjoining for maintenance, repair and replacement as well as the initial construction of said sewer.

IN WITNESS WHEREOF the said Party/~~Parties~~ of the First Part have executed this indenture the day and year first above written.

  
\_\_\_\_\_  
**Signature**

By: Mark E. Robson, President  
Robson Homes, LLC, a California limited liability company;  
By: Robson Properties Inc., a California Corporation, Its Manager

(Notarize)

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

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

State of California )  
 County of SANTA CLARA )  
 On DECEMBER 8 2017 before me, SUSAN BUNCE, NOTARY PUBLIC,  
 Date Here Insert Name and Title of the Officer  
 personally appeared MARK ROSSON  
 Name(s) of Signer(s)

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

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

WITNESS my hand and official seal.



Signature \_\_\_\_\_  
 Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_  
 Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Individual ☐ Attorney in Fact  
☐ Trustee ☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_  
 Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Individual ☐ Attorney in Fact  
☐ Trustee ☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_  
 Signer Is Representing: \_\_\_\_\_

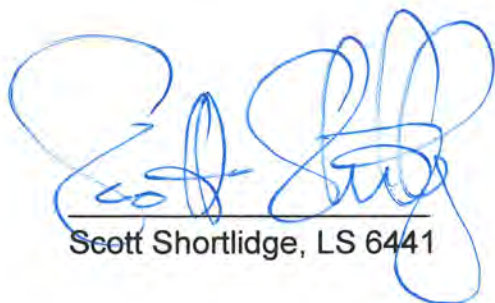
## EXHIBIT A

LEGAL DESCRIPTION  
SANITARY SEWER EASEMENT CONVEYED TO UNION SANITARY DISTRICT  
TRACT 8330  
FREMONT, CALIFORNIA

**Real property** situate in the City of Fremont, County of Alameda, State of California and being all of the Private Streets shown as Fazenda Common and Arado Common, and the Sanitary Sewer Easement (SSE), all as shown on the Final Map of Tract 8330 filed on May 14, 2018 in Book 353 of Maps at Pages 65-75, Alameda County Records.

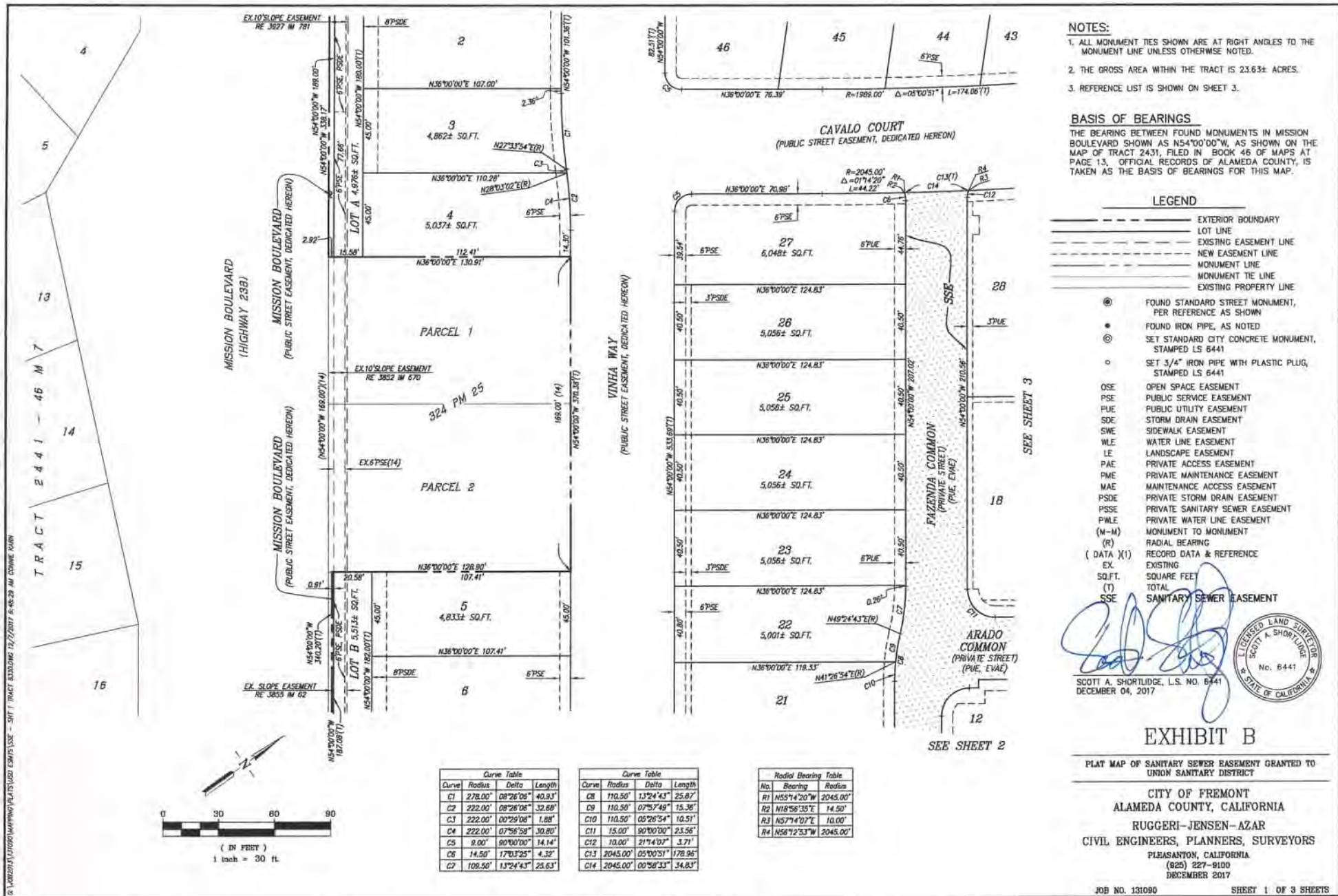
See Exhibit B – Plat Map of Sanitary Sewer Easement Granted to Union Sanitary District which is attached hereto and made a part hereof.

This description and its accompanying plat were prepared by or under the direction of:

  
Scott Shortlidge, LS 6441

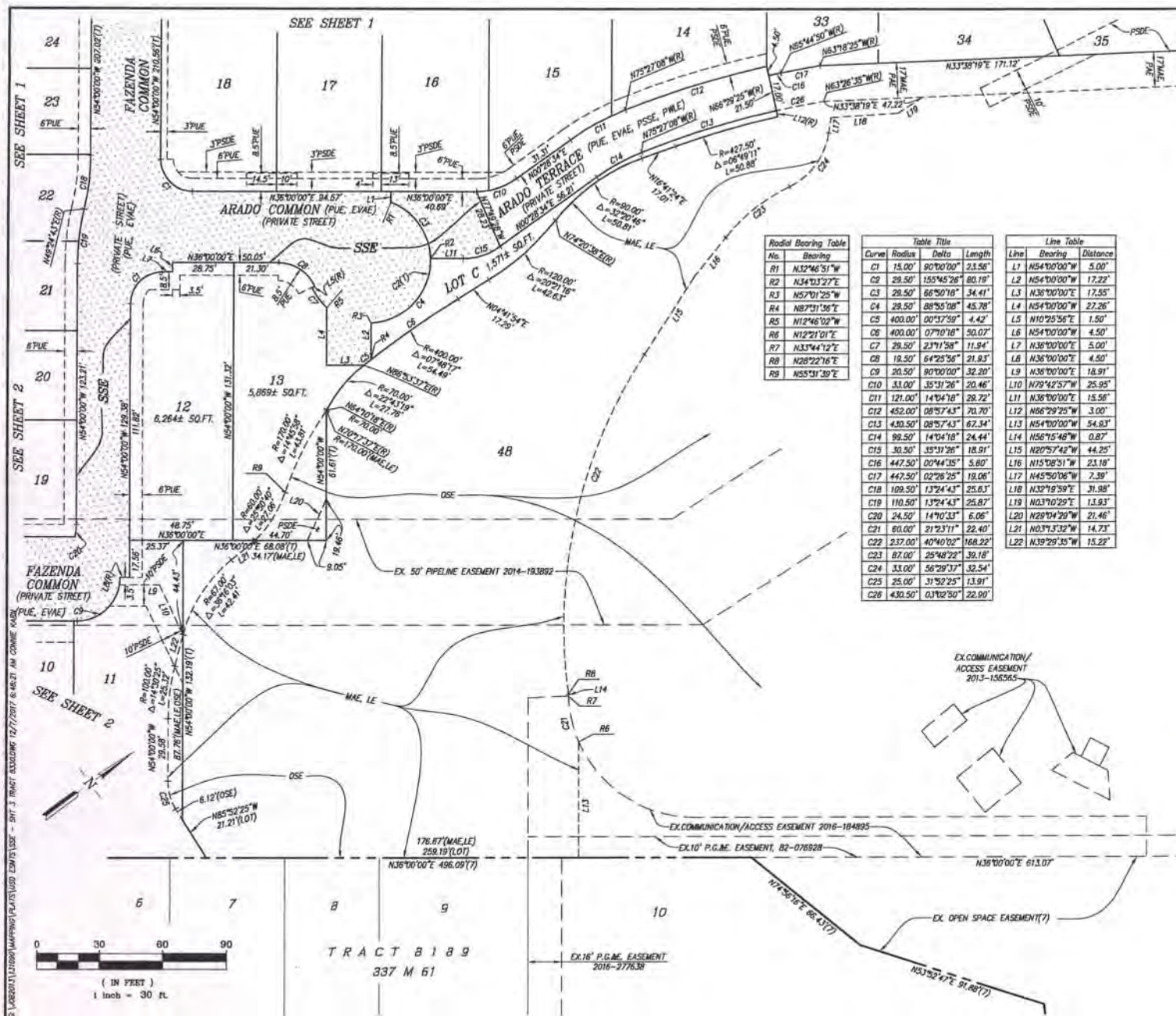


12-4-2017  
Date



Original Map may be found at USD, 5072 Benson Rd., Union City, CA 94587





- NOTES:**
1. ALL MONUMENT TIES SHOWN ARE AT RIGHT ANGLES TO THE MONUMENT LINE UNLESS OTHERWISE NOTED.
  2. THE GROSS AREA WITHIN THE TRACT IS 23.63± ACRES.
  3. REFERENCE LIST IS SHOWN ON SHEET 3.

**BASIS OF BEARINGS**  
THE BEARING BETWEEN FOUND MONUMENTS IN MISSION BOULEVARD SHOWN AS N54°00'00"W, AS SHOWN ON THE MAP OF TRACT 2431, FILED IN BOOK 46 OF MAPS AT PAGE 13, OFFICIAL RECORDS OF ALAMEDA COUNTY, IS TAKEN AS THE BASIS OF BEARINGS FOR THIS MAP.

**LEGEND**

Symbol	Description
---	EXTERIOR BOUNDARY
---	LOT LINE
---	EXISTING EASEMENT LINE
---	NEW EASEMENT LINE
---	MONUMENT LINE
---	MONUMENT TIE LINE
---	EXISTING PROPERTY LINE
●	FOUND STANDARD STREET MONUMENT, PER REFERENCE AS SHOWN
•	FOUND IRON PIPE, AS NOTED
⊙	SET STANDARD CITY CONCRETE MONUMENT, STAMPED LS 6441
○	SET 3/4" IRON PIPE WITH PLASTIC PLUG, STAMPED LS 6441
OSE	OPEN SPACE EASEMENT
PSE	PUBLIC SERVICE EASEMENT
PUE	PUBLIC UTILITY EASEMENT
SDE	STORM DRAIN EASEMENT
SWE	SEWAGE EASEMENT
WLE	WATER LINE EASEMENT
LE	LANDSCAPE EASEMENT
PAE	PRIVATE ACCESS EASEMENT
PME	PRIVATE MAINTENANCE EASEMENT
MAE	MAINTENANCE ACCESS EASEMENT
PSDE	PRIVATE STORM DRAIN EASEMENT
PSSE	PRIVATE SANITARY SEWER EASEMENT
PWLE	PRIVATE WATER LINE EASEMENT
(M-M)	MONUMENT TO MONUMENT
(R)	RADIAL BEARING
(DATA)	RECORD DATA & REFERENCE
EX	EXISTING
SQ.FT.	SQUARE FEET
TOTAL	TOTAL
SSE	SANITARY SEWER EASEMENT

SCOTT A. SHORTIDGE, L.S. NO. 6441  
DECEMBER 04, 2017

## EXHIBIT B

PLAY MAP OF SANITARY SEWER EASEMENT GRANTED TO  
UNION SANITARY DISTRICT

CITY OF FREMONT  
ALAMEDA COUNTY, CALIFORNIA

RUGGERI-JENSEN-AZAR  
CIVIL ENGINEERS, PLANNERS, SURVEYORS  
PLEASANTON, CALIFORNIA  
(925) 227-8100  
DECEMBER 2017

JOB NO. 131080 SHEET 3 OF 3 SHEETS



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

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

Karen W. Murphy  
*Attorney*

**JUNE 28, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 15**

**TITLE: Consider Authorizing Payment for City of Fremont 2019 Pavement Rehabilitation Project (PWC) 8234-S (*This is a Motion Item*)**

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
James Schofield, Work Group Manager  
Shawn Nesgis, Collection Services Coach

**Recommendation**

Collection Services Management recommends the Board authorize payment for City of Fremont 2019 Pavement Rehabilitation Project (PWC) 8234-S, total amount due to City of Fremont is \$121,660.00.

**Discussion**

The City of Fremont meets with Union Sanitary District staff annually to review paving projects for the upcoming year. During this meeting, the City presents approved project costs that include an estimate for adjustment of the District's manholes. District staff compare the contractor estimate to the amount it would cost Collections staff to perform the work and proceed with the most cost-effective option. Historically the contractor estimate has been lower than District staff costs.

In 2018/19, the City of Fremont awarded the paving contract to Desilva Gates Construction. Project 8234-S included adjustment of 79 Union Sanitary District sewer manholes. While majority of the work was completed during FY19, the punch list was not completed until sometime in 2020. Invoicing for the project was delayed by the COVID-19 pandemic. This expense was included in the FY21 budget but was not noted on the projects over \$100,000.00 list and requires Board approval due to the dollar amount.

**Background**

The District has been involved with the City of Fremont project review process for adjusting manholes during paving projects for many years. For each of those years, Collections staff reviews provided documents from the City for these manholes. The District has the option to complete this work but agrees to accept the City contractors estimate and focus on the departments core work.

**Previous Board Action**

N/A

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**JUNE 28, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 16**

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

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

**Recommendation**

Information only.

**Discussion**

None.

**Background**

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

**Previous Board Action**

None.

**UNION SANITARY DISTRICT  
CHECK REGISTER  
06/05/2021-06/18/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
177759	6/10/2021	143	210243	OVERAA	PRIMARY DIGESTER NO. 7	\$1,100,623.45	\$1,100,623.45
177735	6/10/2021	143	15756	DW NICHOLSON CORP	CALCIUM THIOSULFATE CHEMICAL TANK	\$104,663.16	\$104,663.16
177819	6/17/2021	170	105601	MUNIQUEP, LLC	2 ROTATING ASSEMBLIES	\$98,453.35	\$98,453.35
177732	6/10/2021	143	10417	CAROLLO ENGINEERS	ALVARADO INFLUENT PS PUMPS AND VFDS	\$13,882.16	\$97,612.00
	6/10/2021	143	10409		PRIMARY DIGESTER NO. 7	\$77,308.25	
	6/10/2021	143	10595		PRIMARY DIGESTER NO. 2 REHABILITATION	\$3,185.09	
	6/10/2021	143	10521		AERATION BLOWER 11 (HIGH SPEED)	\$3,236.50	
177821	6/17/2021	170	761520210602	PACIFIC GAS AND ELECTRIC	SERV TO 05/25/21 NEWARK PS	\$16,510.70	\$91,647.72
	6/17/2021	110	170120210607		SERV TO 05/20/2021 PLANT	\$75,137.02	
177771	6/10/2021	110	21843	SYNAGRO WEST LLC	APRIL 2021 BIOSOLIDS DISPOSAL	\$74,544.56	\$74,544.56
177792	6/17/2021	143	11409245	BROWN & CALDWELL CONSULTANTS	PRIMARY DIGESTER NO. 7	\$24,855.38	\$66,850.35
	6/17/2021	143	11409239		STANDBY POWER SYSTEM UPGRADE	\$41,994.97	
177760	6/10/2021	143	210243E	OVERAA	PRIMARY DIGESTER NO. 7 - ESCROW PYMT	\$57,927.55	\$57,927.55
177814	6/17/2021	143	W8Y07900005	JACOBS ENGINEERING GROUP, INC	PUMP STATIONS CHEMICAL SYSTEM IMPROVEMENTS	\$55,291.67	\$55,291.67
177761	6/10/2021	110	170120210527	PACIFIC GAS AND ELECTRIC	SERV TO 04/21/2021 PLANT	\$48,373.15	\$49,103.49
	6/10/2021	110	224720210528		SERV TO 05/23/21 CS TRAINING TRAILER	\$730.34	
177832	6/17/2021		533620210524	US BANK CORP PAYMENT SYSTEM	MONTHLY CAL-CARD REPORT - MAY 2021	\$40,120.29	\$40,120.29

**UNION SANITARY DISTRICT  
CHECK REGISTER  
06/05/2021-06/18/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
177828	6/17/2021	141	221058	TANNER PACIFIC INC	TWIN FORCE MAIN RELOCATION - PHASE 2	\$28,730.00	\$28,730.00
177805	6/17/2021	143	15964	DW NICHOLSON CORP	CALCIUM THIOSULFATE CHEMICAL TANK	\$27,193.07	\$27,193.07
177742	6/10/2021	171	117662152	GLOBAL INDUSTRIAL	1 HORIZONTAL BAND SAW	\$24,946.93	\$24,946.93
177835	6/17/2021	143	900528.1	WESTERN WATER	AERATION BLOWER 11 (HIGH SPEED)	\$24,673.40	\$24,673.40
177739	6/10/2021	173	319085	CITY OF FREMONT	SACGISA	\$18,558.49	\$18,558.49
177803	6/17/2021	110	1420714	DEPARTMENT OF GENERAL SERVICES	SERV: APR 2021 PLANT	\$12,800.82	\$12,800.82
177780	6/10/2021	143	800524.1	WESTERN WATER	CENTRIFUGE BUILDING IMPROVEMENTS	\$12,122.00	\$12,122.00
177775	6/10/2021	170	6661	THORNTON ENVIRONMENTAL CONST	TLS 350 ANNUAL CALIBRATION TESTING	\$6,817.15	\$10,767.15
	6/10/2021	170	6663		TLS 350 ANNUAL CALIBRATION TESTING	\$3,950.00	
177777	6/10/2021	110	49166601	UNIVAR SOLUTIONS USA INC	4901.1 GALS SODIUM HYPOCHLORITE	\$3,540.45	\$10,667.06
	6/10/2021	110	49172921		4899.8 GALS SODIUM HYPOCHLORITE	\$3,539.50	
	6/10/2021	110	49163542		4965.7 GALS SODIUM HYPOCHLORITE	\$3,587.11	
177830	6/17/2021	110	49176719	UNIVAR SOLUTIONS USA INC	4899 GALS SODIUM HYPOCHLORITE	\$3,538.93	\$10,612.88
	6/17/2021	110	49180073		4897.3 GALS SODIUM HYPOCHLORITE	\$3,537.70	
	6/17/2021	110	49187201		4895.3 GALS SODIUM HYPOCHLORITE	\$3,536.25	
177791	6/17/2021		9752	BRUCE BONFIELD	REFUND # 38710	\$10,000.00	\$10,000.00
177807	6/17/2021	150	2851	ENS RESOURCES INC	PROFESSIONAL SERVICES - APR 2021	\$5,000.00	\$10,000.00
	6/17/2021	150	2833		PROFESSIONAL SERVICES - MAR 2021	\$5,000.00	
177799	6/17/2021		8844	CPV WALNUT LLC	REFUND # 38689	\$9,800.00	\$9,800.00

**UNION SANITARY DISTRICT  
CHECK REGISTER  
06/05/2021-06/18/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
177749	6/10/2021		37432220210601	LINCOLN NATIONAL LIFE INS COMP	LIFE & DISABILITY INSURANCE - JUN 2021	\$9,473.53	\$9,473.53
177783	6/17/2021	170	5016958001	ALAMEDA ELECTRICAL DISTR. INC.	3 EMERGENCY LIGHTS	\$9,037.91	\$9,109.00
	6/17/2021	170	5073465001		ASTD ELECTRICAL SUPPLIES	\$71.09	
177764	6/10/2021	122	105	PRIME MECHANICAL SERVICE INC	SERVICE CALL: BLDG 70	\$4,821.00	\$8,505.00
	6/10/2021	170	117		SERVICE CALL: BLDG 90	\$3,684.00	
177737	6/10/2021	173	2019458	FARALLON GEOGRAPHICS INC	NRB (NON RESIDENTIAL BILLING) REPLACEMENT	\$6,750.00	\$6,750.00
177782	6/17/2021	120	4110540920210601	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 05/28/21-MTR HYD B14830349	\$1,425.73	\$6,723.98
	6/17/2021	120	4110541620210601		SERV TO: 05/28/21-MTR HYD B15001102	\$777.69	
	6/17/2021	120	4110552320210601		SERV TO: 05/28/21-MTR HYD B32896066	\$667.39	
	6/17/2021	120	4110552220210601		SERV TO: 05/28/21-MTR HYD B29389779	\$667.39	
	6/17/2021	120	4110541020210601		SERV TO: 05/28/21-MTR HYD B15000284	\$681.18	
	6/17/2021	120	4110541320210601		SERV TO: 05/28/21-MTR HYD B16435275	\$970.73	
	6/17/2021	120	4110540720210601		SERV TO: 05/28/21-MTR HYD B16484398	\$681.18	
	6/17/2021	170	4047286120210603		SERV TO: 06/02/21 - PASEO PADRE	\$56.61	
	6/17/2021	120	4110541120210601		SERV TO: 05/28/21-MTR HYD B34041338	\$796.08	
177822	6/17/2021		10264	PERALTA PARISH VENTURES LLC	REFUND # 38702	\$2,500.00	\$6,700.00
	6/17/2021		8748.1		REFUND # 38704	\$4,200.00	

**UNION SANITARY DISTRICT  
CHECK REGISTER  
06/05/2021-06/18/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
177750	6/10/2021	113	2105569	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$300.00	\$5,864.00
	6/10/2021	113	2105436		LAB SAMPLE ANALYSIS	\$913.00	
	6/10/2021	113	2105683		LAB SAMPLE ANALYSIS	\$348.00	
	6/10/2021	113	2105450		LAB SAMPLE ANALYSIS	\$1,455.00	
	6/10/2021	113	2105242		LAB SAMPLE ANALYSIS	\$338.00	
	6/10/2021	113	2105689		LAB SAMPLE ANALYSIS	\$1,530.00	
	6/10/2021	113	2105766		LAB SAMPLE ANALYSIS	\$963.00	
	6/10/2021	113	2105242A		LAB SAMPLE ANALYSIS	\$17.00	
177763	6/10/2021	110	1544310	POLYDYNE INC	41,600 LBS CLARIFLOC WE-539	\$5,670.48	\$5,670.48
177747	6/10/2021	143	30318	KJELDSSEN SINNOCK & NEUDECK INC	QUIT CLAIM - STANDBY POWER SYSTEM UPGRADE	\$4,549.50	\$4,549.50
177734	6/10/2021	173	520266	DLT SOLUTIONS, LLC	AUTOCAD GOVERNMENT MAINTENANCE PLAN (1) YR	\$4,155.23	\$4,155.23
177762	6/10/2021	130	42123776	PFM ASSET MANAGEMENT LLC	INVESTMENT MANAGEMENT / ADVISORY SERVICES	\$4,019.89	\$4,019.89
177726	6/10/2021		16499963	AT&T	SERV: 04/20/21 - 05/19/21	\$23.67	\$3,840.36
	6/10/2021		16499965		SERV: 04/20/21 - 05/19/21	\$3,575.87	
	6/10/2021		16499987		SERV: 04/20/21 - 05/19/21	\$240.82	
177753	6/10/2021	120	1051889	MISSION COMMUNICATIONS LLC	ANNUAL MANHOLE MONITOR SERVICE PACKAGE RNWL	\$3,411.00	\$3,411.00
177829	6/17/2021	170	10112	TEC ASSOCIATES INC	1 DRAGER POLYTRON	\$3,403.15	\$3,403.15
177723	6/10/2021		18845	ALLOGENE THERAPEUTICS	REFUND # 36477	\$3,350.00	\$3,350.00
177729	6/10/2021	122	22284	BAYSCAPE LANDSCAPE MANAGEMENT	LANDSCAPE MAINTENANCE SERVICES - MAY 2021	\$3,215.00	\$3,215.00

**UNION SANITARY DISTRICT  
CHECK REGISTER  
06/05/2021-06/18/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
177778	6/10/2021		9880239651	VERIZON WIRELESS	WIRELESS SERV 04/21/21-05/20/21	\$3,090.53	\$3,090.53
177724	6/10/2021	132	656634997856	AMAZON.COM LLC	ASTD CPR TRAINING SUPPLIES	\$579.64	\$3,057.78
	6/10/2021		20210510		05/21 - ASTD OFFICE SUPPLIES	\$1,558.68	
	6/10/2021	132	877948663958		ASTD CPR TRAINING SUPPLIES	\$21.92	
	6/10/2021	132	699676344549		ASTD CPR TRAINING SUPPLIES	\$897.54	
177765	6/10/2021	120	916004560401	REPUBLIC SERVICES #916	RECYCLE & ROLL OFF - JUNE 2021	\$2,759.89	\$2,759.89
177810	6/17/2021	170	9893689936	GRAINGER INC	ASTD PARTS & MATERIALS	\$324.99	\$2,696.30
	6/17/2021	132	9895099274		1 PORTABLE GENERATOR	\$1,143.60	
	6/17/2021		9901311309		ASTD PARTS & MATERIALS	\$521.15	
	6/17/2021	170	9897461852		ASTD PARTS & MATERIALS	\$199.36	
	6/17/2021	172	9894188896		ASTD PARTS & MATERIALS	\$253.72	
	6/17/2021		9896503183		ASTD PARTS & MATERIALS	\$253.48	
177798	6/17/2021		10373	CP CONSTRUCTION	REFUND # 38688	\$2,500.00	\$2,500.00
177815	6/17/2021		10162	JAMES E. ROBERTS - OBAYASHI CO	REFUND # 38691	\$2,500.00	\$2,500.00
177824	6/17/2021		10352	SANCO PIPELINES INC	REFUND # 38703	\$2,500.00	\$2,500.00
177787	6/17/2021	122	32587	BAY COUNTIES DIESEL SERVICE	REPAIR OIL LEAKS T3252	\$2,449.86	\$2,449.86
177758	6/10/2021	170	133877	NEW IMAGE LANDSCAPING CO	LANDSCAPE MAINTENANCE - FMC - MAY 2021	\$2,385.68	\$2,385.68
177722	6/10/2021	170	302238	ALAMEDA COUNTY TREASURER	PERMIT - NEWARK PUMP STATION	\$2,354.00	\$2,354.00
177774	6/10/2021	170	31912522	TFORCE FREIGHT	FREIGHT CHARGES	\$2,211.10	\$2,211.10

**UNION SANITARY DISTRICT  
CHECK REGISTER  
06/05/2021-06/18/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
177794	6/17/2021		20210615	STATE OF CALIFORNIA	SALES & USE TAX 05/01/21 - 06/30/2021	\$2,170.46	\$2,170.46
177826	6/17/2021		732958109601	STAPLES CONTRACT & COMMERCIAL	JANITORIAL & BREAKROOM SUPPLIES	\$269.95	\$1,846.72
	6/17/2021		733048673101		JANITORIAL & BREAKROOM SUPPLIES	\$228.24	
	6/17/2021		733143583002		JANITORIAL & BREAKROOM SUPPLIES	\$114.12	
	6/17/2021		733143583001		JANITORIAL & BREAKROOM SUPPLIES	\$682.19	
	6/17/2021		733053694101		JANITORIAL & BREAKROOM SUPPLIES	\$552.22	
177751	6/10/2021	170	58592887	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$74.14	\$1,525.74
	6/10/2021	171	58455124		ASTD PARTS & MATERIALS	\$257.03	
	6/10/2021	171	59202870		ASTD PARTS & MATERIALS	\$101.53	
	6/10/2021	170	59476973		ASTD PARTS & MATERIALS	\$257.03	
	6/10/2021		59217980		ASTD PARTS & MATERIALS	\$571.84	
	6/10/2021	111	58453159		ASTD PARTS & MATERIALS	\$82.74	
	6/10/2021	170	59308791		ASTD PARTS & MATERIALS	\$181.43	
177786	6/17/2021	143	73524	BAY AREA COATING CONSULTANT	COATINGS INSPECTION - ALVARADO INFLUENT PS PUMPS AND VFDS	\$1,419.43	\$1,419.43
177827	6/17/2021	173	16674	SYSTEMATES INC	5 PROJECTMATE ADDITIONAL LICENSES	\$1,374.50	\$1,374.50
177748	6/10/2021	110	20210607.1	MARCUS LEE	EXP REIMB: WEF TRAINING	\$344.00	\$1,353.26
	6/10/2021	110	20210607		EXP REIMB: TEAM RECOGNITION	\$1,009.26	
177731	6/10/2021	113	621686	CALTEST ANALYTICAL LABORATORY	16 LAB SAMPLE ANALYSIS	\$1,325.45	\$1,325.45

**UNION SANITARY DISTRICT  
CHECK REGISTER  
06/05/2021-06/18/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
177745	6/10/2021	170	3Q0454	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PARTS & MATERIALS	\$358.03	\$1,276.60
	6/10/2021	170	3Q0453		ASTD PVC PARTS & MATERIALS	\$797.87	
	6/10/2021	170	3Q0503		ASTD PVC PARTS & MATERIALS	\$120.70	
177754	6/10/2021	170	2147343	MOBILE MODULAR MANAGEMENT CORP	FMC TRAILER RENTAL - JUNE 2021	\$1,245.43	\$1,245.43
177802	6/17/2021		20210525	DALE HARDWARE INC	05/21 - ASTD PARTS & MATERIALS	\$1,200.11	\$1,200.11
177796	6/17/2021	170	20210528	COMMUNICATION & CONTROL INC	UTILITY FEE/ANTENNA RENTAL	\$1,137.60	\$1,137.60
177743	6/10/2021	122	1841094478	GOODYEAR COMM TIRE & SERV CTRS	5 TIRES	\$1,109.84	\$1,109.84
177813	6/17/2021		27161	IPERMIT	REFUND # 38695	\$500.00	\$1,000.00
	6/17/2021		28174		REFUND # 38694	\$500.00	
177768	6/10/2021	110	21051314	S&S TRUCKING	GRIT HAULING 05/04/2021	\$959.78	\$959.78
177728	6/10/2021	136	2522382899	BANK OF NEW YORK	APR 2021 SERVICE FEES	\$938.91	\$938.91
177744	6/10/2021	170	9890395677	GRAINGER INC	ASTD PARTS & MATERIALS	\$203.36	\$937.12
	6/10/2021	170	9889705944		3 DRUMS	\$408.77	
	6/10/2021	170	9890321897		ASTD PARTS & MATERIALS	\$324.99	
177804	6/17/2021	173	520936	DLT SOLUTIONS, LLC	AWS CLOUD STORAGE -APR 2021	\$880.88	\$880.88
177757	6/10/2021	121	223538	NAYLOR STEEL INC	ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$705.01	\$856.03
	6/10/2021	121	223593		ASTD METAL, STEEL, STAINLESS & ALUMINUM	\$151.02	
177773	6/10/2021		21956	TESLA INC	REFUND # 33342	\$800.00	\$800.00
177806	6/17/2021		10162	EAST WARREN PARK LLC	REFUND # 38690	\$800.00	\$800.00

**UNION SANITARY DISTRICT  
CHECK REGISTER  
06/05/2021-06/18/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
177769	6/10/2021		2027123003	SAN LEANDRO ELECTRIC SUPPLY	ASTD ELECTRICAL SUPPLIES	\$266.28	\$722.46
	6/10/2021		2031609005		ASTD ELECTRICAL SUPPLIES	\$332.31	
	6/10/2021		2031609001		ASTD ELECTRICAL SUPPLIES	\$123.87	
177820	6/17/2021		20210531	NAPA AUTO PARTS	MONTHLY AUTO PARTS STMT - MAY 2021	\$721.55	\$721.55
177795	6/17/2021	173	4036372928	CANON SOLUTIONS AMERICA INC	MTHLY MAINTENANCE BASED ON USE	\$314.40	\$706.53
	6/17/2021	173	4036371829		MTHLY MAINTENANCE BASED ON USE	\$392.13	
177784	6/17/2021		1102546683	ARAMARK	UNIFORM LAUNDERING SERVICE	\$354.81	\$664.29
	6/17/2021		1102546724		UNIFORM LAUNDERING SERVICE	\$47.32	
	6/17/2021		1102546669		UNIFORM LAUNDERING & RUGS	\$262.16	
177785	6/17/2021	173	515872	AVERTIUM LLC	VULNERABILITY SCAN SUBSCRIPTION - MAY 2021	\$645.00	\$645.00
177725	6/10/2021		1102543082	ARAMARK	UNIFORM LAUNDERING SERVICE	\$347.56	\$607.92
	6/10/2021		1102543070		UNIFORM LAUNDERING & RUGS	\$260.36	
177752	6/10/2021	170	210552	METROMOBILE COMMUNICATIONS INC	RADIO SERVICE - MAY 2021	\$599.08	\$599.08
177816	6/17/2021	111	20210615	JUSTIN LAURENCE	EXP REIMB: CERT FOR GRADE IV & V WASTEWATER OPERATOR - WAL	\$550.00	\$550.00
177727	6/10/2021		23007	AVALON ROOTER	REFUND # 37645	\$500.00	\$500.00
177738	6/10/2021	114	20210608	FEMA	FILING FEE: CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$500.00	\$500.00
177740	6/10/2021		27153	GALLEGOS PLUMBING SPECIALISTS	REFUND # 37658	\$500.00	\$500.00
177755	6/10/2021		25067	MONARCH PLUMBING & ROOTER INC	REFUND # 37641	\$500.00	\$500.00
177767	6/10/2021		27157	ROTO-ROOTER SERVICES	REFUND # 37657	\$500.00	\$500.00

**UNION SANITARY DISTRICT  
CHECK REGISTER  
06/05/2021-06/18/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
177770	6/10/2021		14789	DAVID SMITH	REFUND # 37661	\$500.00	\$500.00
177781	6/10/2021		14772	JOE YI	REFUND # 37640	\$500.00	\$500.00
177809	6/17/2021		25062	GOGO ROOTER	REFUND # 38693	\$500.00	\$500.00
177823	6/17/2021		29222	PIPE-THRU PLUMBING	REFUND # 38711	\$500.00	\$500.00
177766	6/10/2021	170	428253	RKI INSTRUMENTS INC	4 OXYGEN SENSORS	\$493.88	\$493.88
177772	6/10/2021		20467950	TELEDYNE ISCO INC	SAMPLING SUPPLIES	\$466.44	\$466.44
177811	6/17/2021	134	3Q0452	HARRINGTON INDUSTRIAL PLASTICS	ASTD PVC PARTS & MATERIALS	\$199.44	\$461.32
	6/17/2021	134	3Q0559		FITTINGS	\$261.88	
177801	6/17/2021	144	3467627	DAILY JOURNAL CORPORATION	AD: CERTIFICATE OF MERIT	\$450.00	\$450.00
177730	6/10/2021	170	323853400	BUCKLES SMITH ELECTRIC	ASTD PARTS & MATERIALS	\$403.88	\$403.88
177779	6/10/2021	143	2045010	WEST YOST ASSOCIATES	GRAVITY SEWER REHAB/REPLACEMENT	\$370.50	\$370.50
177797	6/17/2021	132	71486276	CONCENTRA MEDICAL CENTERS	1 NEW HIRE & 1 DOT PHYSICAL	\$311.00	\$311.00
177793	6/17/2021	170	40028879	BUREAU VERITAS/ANALYSTS INC	12 LAB SAMPLE ANALYSIS	\$303.50	\$303.50
177776	6/10/2021	141	428131	ULTRAEX LLC	COURIER SVCS: 5 BOARDMEMBER DELIVERY - 05/07/21	\$271.40	\$271.40
177756	6/10/2021		24112496	MOTION INDUSTRIES INC	ASTD PARTS & MATERIALS	\$258.85	\$258.85
177746	6/10/2021	173	6049871	INTRADO LIFE & SAFETY INC	E911 ANNUAL SUBSCRIPTION	\$250.00	\$250.00
177741	6/10/2021	144	484986289	GLACIER ICE COMPANY INC	132 7-LB BAGS OF ICE	\$247.73	\$247.73
177733	6/10/2021	144	3467625	DAILY JOURNAL CORPORATION	AD: CERTIFICATE OF MERIT	\$229.60	\$229.60
177817	6/17/2021		5094236	MALLORY SAFETY AND SUPPLY LLC	60 PR GLOVES	\$220.22	\$220.22

**UNION SANITARY DISTRICT  
CHECK REGISTER  
06/05/2021-06/18/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
177790	6/17/2021	144	16152430	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$70.76	\$217.07
	6/17/2021	113	16152930		ASTD OFFICE SUPPLIES	\$14.87	
	6/17/2021	120	16156390		ASTD OFFICE SUPPLIES	\$131.44	
177800	6/17/2021	170	16156	CRANE WORKS INC	1 HOIST LIMIT SWITCH	\$216.65	\$216.65
177788	6/17/2021	143	52163	BEECHER ENGINEERING	STANDBY POWER UPGRADES	\$200.00	\$200.00
177812	6/17/2021	170	768520210528	HOME DEPOT CREDIT SERVICES	MONTHLY HARDWARE STMT - MAY 2021	\$190.91	\$190.91
177789	6/17/2021		20210615	RICA BERCASIO	EXP REIMB: SAFETY SHOES	\$177.20	\$177.20
177808	6/17/2021	111	20200609	AUSTIN FARSAI	EXP REIMB: TEAM SAFETY RECOGNITION 1ST & 2ND QTR	\$172.75	\$172.75
177818	6/17/2021	170	59534599	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$169.97	\$169.97
177825	6/17/2021		20210616	THOMAS SOLARI	EXP REIMB: MILEAGE FOR CALL-OUT	\$64.06	\$64.06
177831	6/17/2021	136	98XW53211	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 05/22/21	\$37.57	\$37.57
177736	6/10/2021	132	323343	EXAMINETICS	1 MEDICAL TEST	\$30.00	\$30.00
177833	6/17/2021		9880898086	VERIZON WIRELESS	WIRELESS SERV 05/02/21-06/01/21	\$21.10	\$21.10
177834	6/17/2021	113	8804689142	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$11.75	\$11.75

**UNION SANITARY DISTRICT  
CHECK REGISTER  
06/05/2021-06/18/2021**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
<b>Invoices:</b>				<b>Checks:</b>			
<b>Credit Memos :</b>			<b>0</b>				
<b>\$0 - \$1,000 :</b>			<b>106</b>	<b>40,424.93</b>	<b>\$0 - \$1,000 :</b>	<b>51</b>	<b>23,136.90</b>
<b>\$1,000 - \$10,000 :</b>			<b>53</b>	<b>185,941.39</b>	<b>\$1,000 - \$10,000 :</b>	<b>42</b>	<b>164,030.40</b>
<b>\$10,000 - \$100,000 :</b>			<b>19</b>	<b>773,423.76</b>	<b>\$10,000 - \$100,000 :</b>	<b>19</b>	<b>812,622.78</b>
<b>Over \$100,000 :</b>			<b>2</b>	<b>1,205,286.61</b>	<b>Over \$100,000 :</b>	<b>2</b>	<b>1,205,286.61</b>
<b>Total:</b>			<b>180</b>	<b>2,205,076.69</b>	<b>Total:</b>	<b>114</b>	<b>2,205,076.69</b>

**Directors**

Manny Fernandez  
Tom Handley  
Pat Kite  
Anjali Lathi  
Jennifer Toy

**Officers**

Paul R. Eldredge  
*General Manager/  
District Engineer*

Karen W. Murphy  
*Attorney*

**JUNE 28, 2021  
BOARD OF DIRECTORS MEETING  
AGENDA ITEM # 12**

**TITLE:** Consider a Resolution to Accept Sanitary Sewer Easements for Tracts 8265, ~~and~~ 8374 and 8403 – Warm Springs TOD Village Phases 1, ~~and 2~~ and 3, Located at Warm Springs Boulevard and South Grimmer Boulevard, in the City of Fremont (*This is a Motion Item*)

**SUBMITTED:** Paul R. Eldredge, General Manager/District Engineer  
Sami E. Ghossain, Technical Services Work Group Manager  
Rollie Arbolante, Customer Service Team Coach  
Rod Schurman, Associate Engineer

**Recommendation**

Staff recommends the Board consider a resolution to accept sanitary sewer easements for Tracts 8265, ~~and~~ 8374 and 8403 – Warm Springs TOD Village Phases 1, ~~and 2~~ and 3, located at Warm Springs Boulevard and South Grimmer Boulevard, in the City of Fremont.

**Discussion**

The developer, Toll CA XX, LP., is constructing a residential development consisting of 477 condominium units and 392 apartments for Tract 8265, ~~and~~ 72 condominium units for Tract 8374, and 60 condominium units for Tract 8403, located at the southeast corner of the intersection of Warm Springs Boulevard and South Grimmer Boulevard, in the city of Fremont. A vicinity map is attached.

Sanitary sewer service for the residential development will be provided by new 8-inch sewer mains on South Grimmer Boulevard and in the development's roadways, that discharge to an existing 10-inch sewer main in Warm Springs Boulevard. The roadways within Tract 8374 and Tract 8403, and some of the roadways within Tract 8265 do not meet the City of Fremont's street dimensions and structure setback requirements for public streets and were, therefore, designated as private. Toll CA XX, LP., has constructed the new 8-inch sewer mains and has

granted the District sanitary sewer easements that provide for access and maintenance of the new sewer mains.

Legal descriptions and plat maps have been prepared for the Grant of Easement for Sanitary Sewer Purposes. District staff has reviewed the documents and recommends approval.

**Background**

None.

**Previous Board Action**

None.

PRE/SEG/RA/RS:mb

Attachments: Vicinity Map

Resolution Accepting Grant of Easement

Grant of Easement Recording Request with Certificate of Acceptance

Grant of Easement for Sanitary Sewer Purposes with Exhibits A & B



# Vicinity Map: Grant of SSE, Tracts 8265, & 8374 & 8403 - Warm Springs TOD Phases 1, & 2 & 3, Warm Springs Blvd. and South Grimmer Blvd., Fremont



## LEGEND

### Sewer Structures

- Drop Manhole, New
- End Cap
- Junction Structure
- Lamphole
- Lift Station
- Manhole
- New Manhole
- Riser

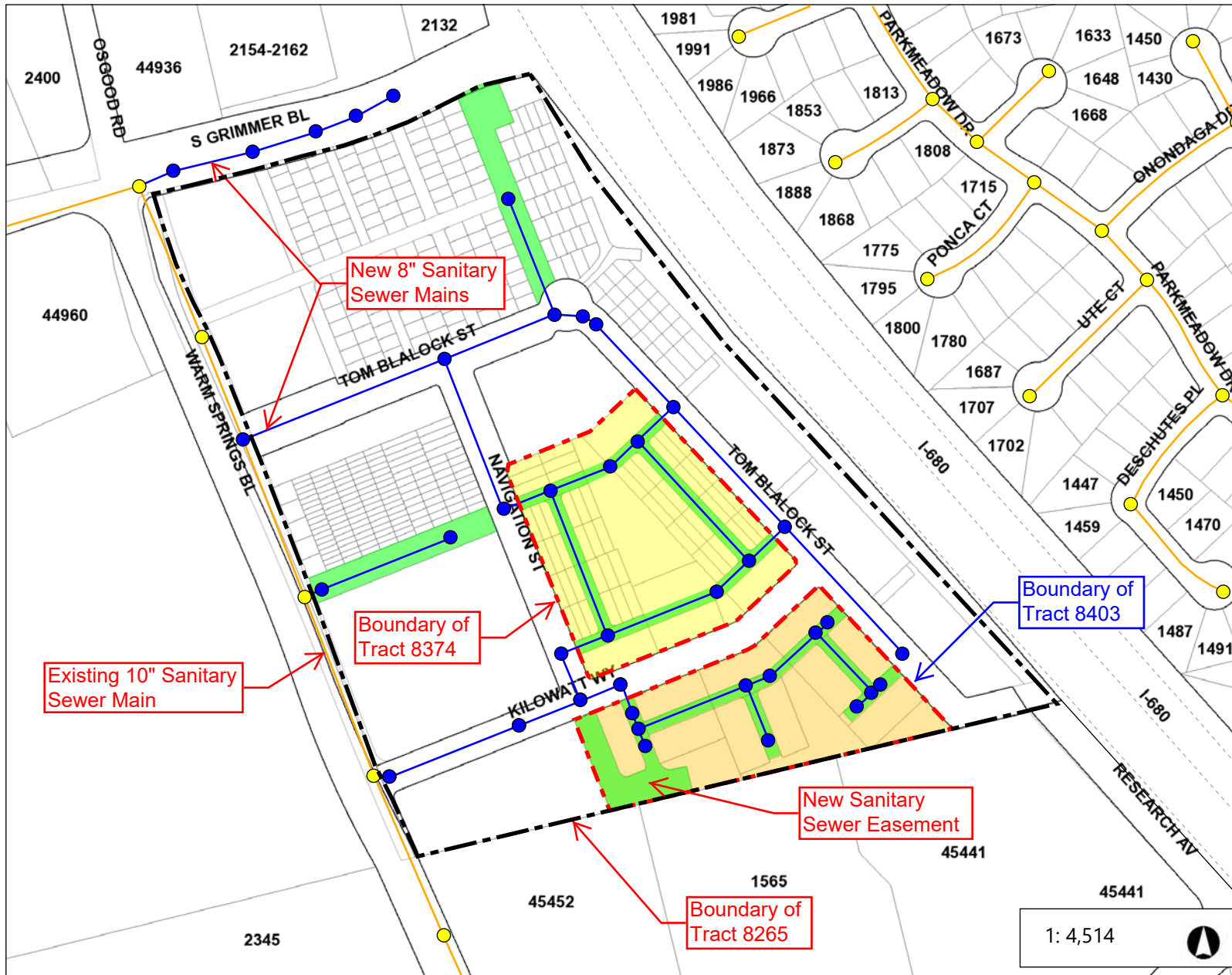
### Sewer Mains

- New Sewer Main
- Abandoned Sewer Main
- Forcemain
- Gravity Main
- Overflow Main
- Siphon
- Trunk Main

### Railroads

- Union Pacific, Other
- BART/VTA

- Parcels
- Public Right of Way
- New Sewer Easement



752.3 0 376.17 752.3 Feet

WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
© Latitude Geographics Group Ltd.

DESK ITEM  
Item 12  
6/28/2021

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes

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

**ACCEPT SANITARY SEWER EASEMENTS FOR TRACTS 8265, ~~AND~~ 8374  
AND 8403 – WARM SPRINGS TOD VILLAGE PHASES 1, ~~AND~~ 2 AND 3,  
LOCATED AT WARM SPRINGS BOULEVARD AND SOUTH GRIMMER  
BOULEVARD,  
IN THE CITY OF FREMONT, CALIFORNIA**

RESOLVED by the Board of Directors of UNION SANITARY DISTRICT, that it hereby accepts the Grant of Easement from Toll CA XX, LP., executed on August 17, 2016, as described in the Grant of Easement for Sanitary Sewer Purposes, and by the legal description and plat map, attached as Exhibit A and B, respectively.

FURTHER RESOLVED by the Board of Directors of UNION SANITARY DISTRICT that it hereby authorizes the General Manager/District Engineer, or his designee, to attend to the recordation thereof.

On motion duly made and seconded, this resolution was adopted by the following vote on June 28, 2021:

AYES:

NOES:

ABSENT:

ABSTAIN:

\_\_\_\_\_  
PAT KITE  
President, Board of Directors  
Union Sanitary District

Attest:

\_\_\_\_\_  
MANNY FERNANDEZ  
Secretary, Board of Directors  
Union Sanitary District

RECORDING REQUESTED BY  
AND WHEN RECORDED RETURN TO:  
Union Sanitary District  
Attn: Regina McEvoy  
5072 Benson Road  
Union City, CA 94587

Record Without Fee  
*Pursuant to Government Code  
Section 27383*

*Space Above Reserved for Recorder's Use Only*

Documentary Transfer Tax \$0.00, consideration less than \$100 (R&T Code 11911)  
This instrument is exempt from recording fees (Govt. Code 27383)

## **GRANT OF EASEMENT**

**BY AND BETWEEN**

**TOLL CA XX, LP.**

**AND**

**UNION SANITARY DISTRICT**

**Effective Date: June 28, 2021**

# CERTIFICATE OF ACCEPTANCE

(Grant of Easement)

This is to certify that the interest in real property conveyed by the Grant of Easement for Sanitary Sewer Purposes, dated August 17, 2016, from TOLL CA XX, LP., to UNION SANITARY DISTRICT, an independent special district ("**District**"), is hereby accepted by the undersigned officer or agent on behalf of the District pursuant to authority conferred by Resolution No. \_\_\_\_\_, dated June 28, 2021, and the District consents to recordation thereof by its duly authorized officer.

Date: \_\_\_\_\_, 2021

District

UNION SANITARY DISTRICT

Paul R. Eldredge, General Manager

## ACKNOWLEDGMENT

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

State of California                   )  
County of Alameda         ) ss

On \_\_\_\_\_, 2021, before me, Regina Dyan McEvoy,  
(Name of Notary)

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

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

WITNESS my hand and official seal.

(Notary Signature)

**GRANT OF EASEMENT**  
**FOR SANITARY SEWER PURPOSES**

THIS INDENTURE, made this 17 day of August 2016, by and between TOLL CA XX, LP., the Party/~~Parties~~ of the First Part, and UNION SANITARY DISTRICT, the Party/~~Parties~~ of the Second Part,

**WITNESSETH:**

That said Party/~~Parties~~ of the First Part does hereby grant to the Party of the Second Part and to its successors and assigns forever, for the use and purposes herein stated, the rights of way and easements hereinafter described, located in the City of Fremont, County of Alameda, State of California:

**See Exhibit "A" and Exhibit "B"**

together with the right and privilege of constructing, reconstructing, cleaning, repairing and maintaining at any time, a sanitary sewer and appurtenances along, upon, over, in, through and across the above described property; together with free ingress and egress to and for the said Party of the Second Part, its successors and assigns, its agents and employees, workmen, contractors, equipment, vehicles and tools, along, upon, over, in, through and across said right of way; together with the right of access by its successors and assigns, its agents and employees, workmen, contractors, equipment, vehicles and tools to said right of way from the nearest public street, over and across the adjoining property, if such there be; otherwise by such route or routes across said adjoining property as shall occasion the least practicable damage and inconvenience to the Party of the First Part, for constructing, cleaning, repairing and maintaining said sanitary sewer and appurtenances; together with free ingress and egress over the land immediately adjoining for maintenance, repair and replacement as well as the initial construction of said sewer.

IN WITNESS WHEREOF the said Party/~~Parties~~ of the First Part have executed this indenture the day and year first above written.

OWNER: TOLL CA XX, LP., A CALIFORNIA LIMITED PARTNERSHIP

BY: TOLL CA GP CORP.  
GENERAL PARTNER

BY: R. M. Nelson  
NAME RICHARD M. NELSON  
TITLE DIVISION PRESIDENT

(Notarize)

DESK ITEM  
Item 12  
6/28/2021

## ACKNOWLEDGMENT

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

State of California  
County of Alameda

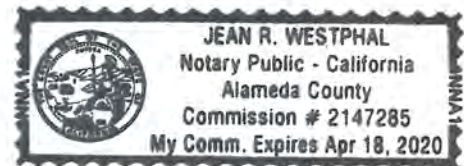
On August 17, 2016 before me, Jean R. Westphal, Notary Public  
(insert name and title of the officer)

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

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

WITNESS my hand and official seal.

Signature Jean R. Westphal (Seal)



**EXHIBIT A  
SANITARY SEWER EASEMENT  
CITY OF FREMONT PROPERTY  
Toll CA XX, L.P. (2016-149148)**

Real property situate in the City of Fremont, County of Alameda, State of California described as follows:

Being portions of the parcel of land described in the deed to Toll CA XX , L.P., recorded in Document No. 2016-149148, Official Records of Alameda County and more particularly described as follows:

Being the areas labeled Sanitary Sewer Easement (SSE) shown on the attached Exhibit B – Plat Map of Sanitary Sewer Easement Granted to Union Sanitary District.

**END OF DESCRIPTION**

This description was prepared by or under the direction of:

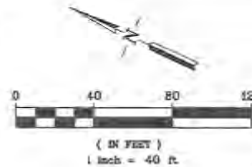
  
\_\_\_\_\_  
Alvin Leung, PLS

August 15, 2016  
\_\_\_\_\_  
Date



DESK ITEM  
Item 12  
6/28/2021

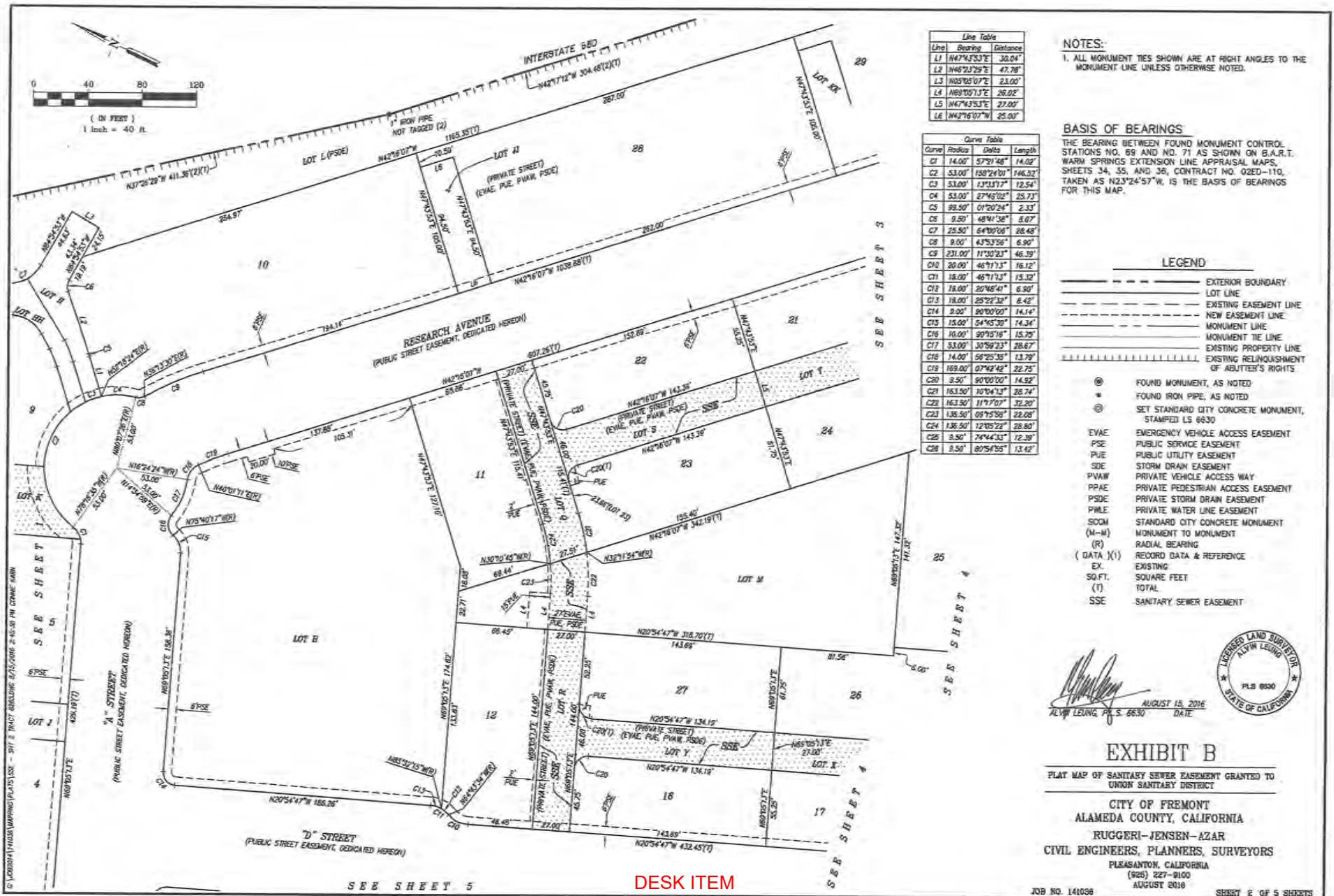
Line Table		
Line	Bearing	Distance
L1	N20°54'47"W	0.50'
L2	N69°05'13"E	4.90'
L3	N20°54'47"W	30.00'
L4	N47°43'53"E	30.52'
L5	N33°46'55"E	51.96'
L6	N37°05'20"E	12.31'
L7	N47°43'53"E	34.11'
L8	N47°43'53"E	30.04'
L9	N46°23'29"E	47.78'



ALVIN LELING, P.L.S. 6630 AUGUST 15, 2016  
DATE

SHEET 1 OF 5 SHEETS

Original Map may be found at USD, 5072 Benson Rd., Union City, CA 94587



Original Map may be found at USD, 5072 Benson Rd., Union City, CA 94587

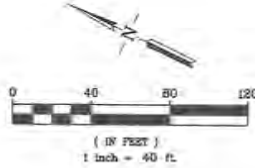
DESK ITEM  
 Item 12  
 6/28/2021

# NOTES:

1. ALL MONUMENT TIES SHOWN ARE AT RIGHT ANGLES TO THE MONUMENT LINE UNLESS OTHERWISE NOTED.

## BASIS OF BEARINGS

THE BEARING BETWEEN FOUND MONUMENT CONTROL STATIONS NO. 69 AND NO. 71 AS SHOWN ON B.A.R.T. WARM SPRINGS EXTENSION LINE APPRAISAL MAPS, SHEETS 34, 35, AND 36, CONTRACT NO. 02ED-110, TAKEN AS N23°24'57"W, IS THE BASIS OF BEARINGS FOR THIS MAP.



LEGEND	
	EXTERIOR BOUNDARY
	LOT LINE
	EXISTING EASEMENT LINE
	NEW EASEMENT LINE
	MONUMENT LINE
	MONUMENT TIE LINE
	EXISTING PROPERTY LINE
	EXISTING RELINQUISHMENT OF ADJUTER'S RIGHTS
	FOUND MONUMENT, AS NOTED
	FOUND IRON PIPE, AS NOTED
	SET STANDARD CITY CONCRETE MONUMENT, STAMPED LS 6530
EVAE	EMERGENCY VEHICLE ACCESS EASEMENT
PSE	PUBLIC SERVICE EASEMENT
PUE	PUBLIC UTILITY EASEMENT
SDE	STORM DRAIN EASEMENT
PVAW	PRIVATE VEHICLE ACCESS WAY
PPAE	PRIVATE PEDESTRIAN ACCESS EASEMENT
PSDE	PRIVATE STORM DRAIN EASEMENT
PWLE	PRIVATE WATER LINE EASEMENT
SCCM	STANDARD CITY CONCRETE MONUMENT
(M-M)	MONUMENT TO MONUMENT
(R)	RADIAL BEARING
( DATA )(1)	RECORD DATA & REFERENCE
EX	EXISTING
SQ.FT.	SQUARE FEET
(T)	TOTAL
SSE	SANITARY SEWER EASEMENT

ALVIN LEUNG, P.L.S. 6530  
AUGUST 15, 2016  
DATE

## EXHIBIT B

PLAT MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT

CITY OF FREMONT  
ALAMEDA COUNTY, CALIFORNIA  
RUGGERI-JENSEN-AZAR  
CIVIL ENGINEERS, PLANNERS, SURVEYORS  
PLEASANTON, CALIFORNIA  
(925) 227-9100  
AUGUST 2016

JOB NO. 141036

SHEET 3 OF 5 SHEETS

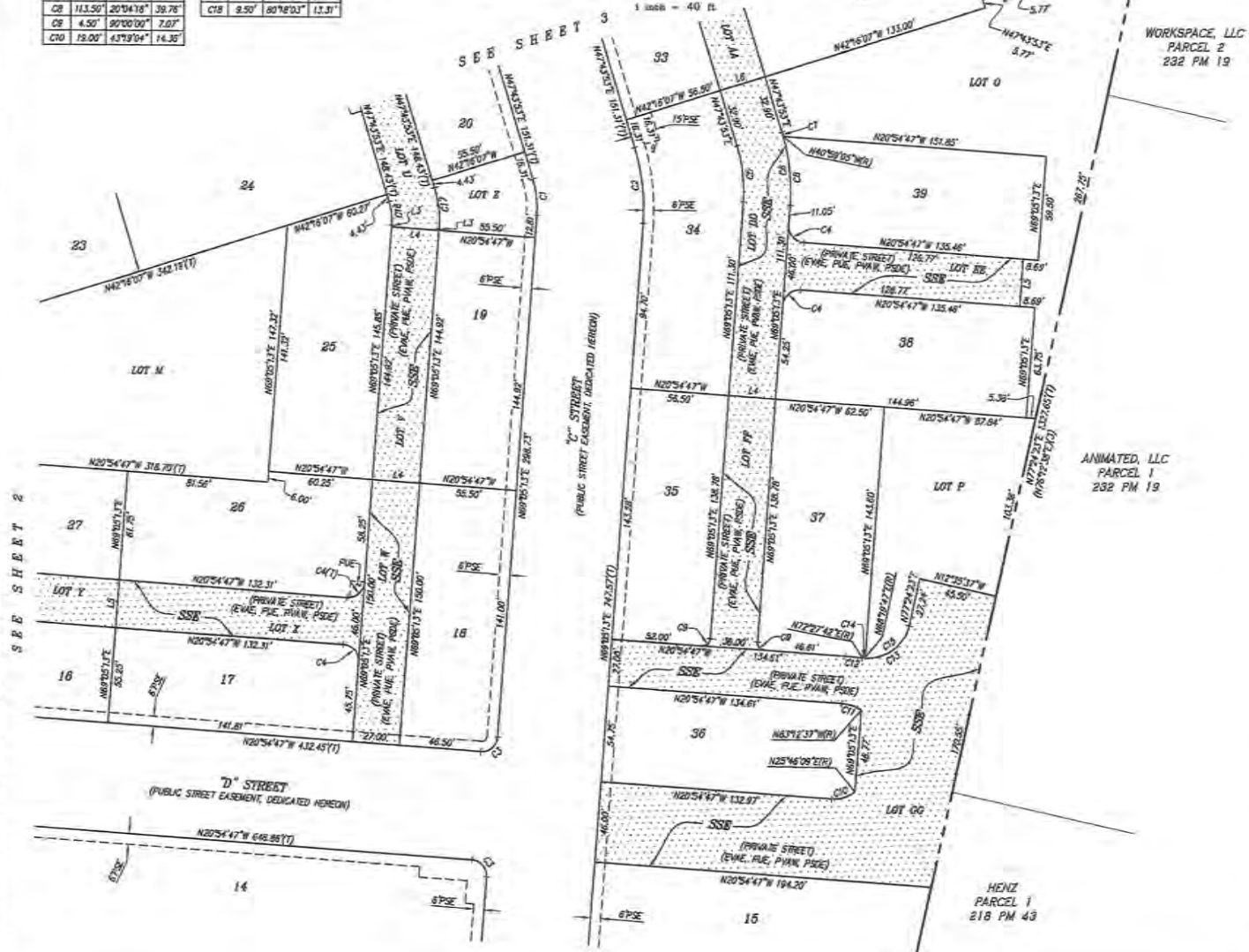
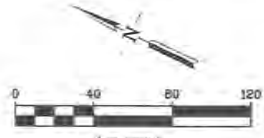
DESK ITEM  
Item 12  
6/28/2021

Original Map may be found at USD, 5072 Benson Rd., Union City, CA 94587

Curve	Radius	Delta	Length
C1	58.00'	21°21'28"	20.87'
C2	118.00'	21°21'28"	43.58'
C3	8.00'	90°00'00"	14.14'
C4	9.50'	90°00'00"	14.82'
C5	86.50'	21°21'28"	32.24'
C6	113.50'	21°21'28"	42.30'
C7	113.50'	21°21'28"	42.30'
C8	113.50'	20°54'17"	39.78'
C9	4.50'	90°00'00"	7.67'
C10	13.00'	43°39'54"	16.35'

Curve	Radius	Delta	Length
C11	24.50'	27°42'10"	11.85'
C12	183.50'	63°22'29"	9.63'
C13	24.50'	85°10'18"	36.37'
C14	24.50'	64°47'28"	1.77'
C15	24.50'	80°55'24"	34.60'
C16	36.50'	27°20'20"	13.80'
C17	63.50'	27°20'20"	23.67'
C18	9.50'	90°00'00"	13.31'

Line	Bearing	Distance
L1	N47°43'53"E	15.63'
L2	N69°05'13"E	15.63'
L3	N69°05'13"E	0.83'
L4	N20°54'47"W	27.00'
L5	N69°05'13"E	27.00'
L6	N42°16'07"W	27.00'



**NOTES:**  
1. ALL MONUMENT TIES SHOWN ARE AT RIGHT ANGLES TO THE MONUMENT LINE UNLESS OTHERWISE NOTED.

**BASIS OF BEARINGS**  
THE BEARING BETWEEN FOUND MONUMENT CONTROL STATIONS NO. 69 AND NO. 71 AS SHOWN ON B.A.R.T. WARM SPRINGS EXTENSION LINE APPRAISAL MAPS, SHEETS 34, 35, AND 36, CONTRACT NO. 022-110, TAKEN AS N23°24'57"W, IS THE BASIS OF BEARINGS FOR THIS MAP.

- LEGEND**
- EXTERIOR BOUNDARY
  - LOT LINE
  - EXISTING EASEMENT LINE
  - NEW EASEMENT LINE
  - MONUMENT LINE
  - MONUMENT TIE LINE
  - EXISTING PROPERTY LINE
  - EXISTING RELINQUISHMENT OF ADJUTER'S RIGHTS
- ⊙ FOUND MONUMENT, AS NOTED
  - \* FOUND IRON PIPE, AS NOTED
  - ⊙ SET STANDARD CITY CONCRETE MONUMENT, STAMPED LS 6630
  - EVAE EMERGENCY VEHICLE ACCESS EASEMENT
  - PSE PUBLIC SERVICE EASEMENT
  - PUE PUBLIC UTILITY EASEMENT
  - SUE STORM DRAIN EASEMENT
  - PVAV PRIVATE VEHICLE ACCESS WAY
  - PPAE PRIVATE PEDESTRIAN ACCESS EASEMENT
  - PSDE PRIVATE STORM DRAIN EASEMENT
  - PWLE PRIVATE WATER LINE EASEMENT
  - SCM STANDARD CITY CONCRETE MONUMENT
  - (N-M) MONUMENT TO MONUMENT
  - (R) RADIAL BEARING
  - (DATA X(1)) RECORD DATA & REFERENCE
  - EX EXISTING
  - SQ.FT. SQUARE FEET
  - (T) TOTAL
  - SSE SANITARY SEWER EASEMENT

*Alvin Leung*  
ALVIN LEUNG, P.L.S. 6630  
AUGUST 13, 2016  
DATE

REGISTERED LAND SURVEYOR  
ALVIN LEUNG  
P.L.S. 6630  
STATE OF CALIFORNIA

**EXHIBIT B**  
PLAY MAP OF SANITARY SEWER EASEMENT GRANTED TO UNION SANITARY DISTRICT  
CITY OF FREMONT  
ALAMEDA COUNTY, CALIFORNIA  
RUGGERI-JENSEN-AZAR  
CIVIL ENGINEERS, PLANNERS, SURVEYORS  
PLEASANTON, CALIFORNIA  
(925) 227-9100  
AUGUST 2016

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DESK ITEM  
Item 12  
6/28/2021

