



BOARD MEETING AGENDA
Monday, February 24, 2014
Regular Meeting - 7:00 P.M.

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Richard B. Currie
*General Manager/
District Engineer*

David M. O'Hara
Attorney

- 1. Call to Order.
-

- 2. Pledge of Allegiance.
-

- 3. Roll Call.
-

Motion

- 4. Approval of the Minutes of February 10, 2014.
-

- 5. Written Communications.
-

- 6. Oral Communications.

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

Motion

- 7. Consider the Capacity Fee Appeal for Old Castle Building Envelope *(to be reviewed by the Legal/Community Affairs Committee).*
-

Motion

- 8. Resolution No. ____, Accepting a 0.80 Acre Property and Access Easement from Old Republic Title Company *(to be reviewed by the Legal/Community Affairs Committee).*
-

Motion

- 9. Senior Process Engineer Class Description and Salary *(to be reviewed by the Personnel Committee).*
-

- Information 10. Information Items:
- a. Check Register.
 - b. Report from East Bay Dischargers Authority Meeting of February 20, 2014.
 - c. Cogeneration Project Status *(to be reviewed by the Construction Committee)*.
 - d. Restaurant Capacity Fees *(to be reviewed by the Legal/Community Affairs Committee)*.
 - e. Legislative Update for February 2014 *(to be reviewed by the Legislative Committee)*.
 - f. ACWD Water Conservation Notice to Customers *(to be reviewed by the Legal/Community Affairs Committee)*.
-

- Information 11. Committee Meeting Reports. *(No Board action is taken at Committee meetings):*
- a. Legal/Community Affairs Committee – scheduled for Wednesday, 2/19/14 at 10:00 a.m.
 - b. Construction Committee – scheduled for Thursday, 2/20/14 at 4:00 p.m.
 - c. Legislative Committee – scheduled for Friday, 2/21/14 at 9:00 a.m.
 - d. Personnel Committee – scheduled for Friday, 2/21/14 at 10:00 a.m.
 - Proposed Email Policy for Board of Directors
-

- Information 12. General Manager’s Report. *(Information on recent issues of interest to the Board)*.
-

- Information 13. Other Business:
- a. Comments and questions. *Directors can share information relating to District business and are welcome to request information from staff.*
 - b. Scheduling matters for future consideration.
-

14. Adjournment - *The Board will adjourn to a Board Workshop in the Boardroom on Wednesday, February 26, 2014 at 6:15 p.m.*
-

15. Adjournment - *The Board will adjourn to the next Regular Meeting in the Boardroom on Monday, March 10, 2014 at 7:00 p.m.*
-

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

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

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

THE PUBLIC IS INVITED TO ATTEND

**NOTICE OF
COMMITTEE MEETING**

All meetings will be held in
the General Manager's Office



BOARD MEETING FEBRUARY 24, 2014

Committee Membership:

Budget and Finance	Directors Jennifer Toy and Pat Kite (Alt. - Anjali Lathi)
Construction Committee	Directors Tom Handley and Manny Fernandez (Alt. – Pat Kite)
Legal/Community Affairs	Directors Anjali Lathi and Tom Handley (Alt. –Manny Fernandez)
Legislative Committee	Directors Pat Kite and Anjali Lathi (Alt. – Tom Handley)
Personnel Committee	Directors Jennifer Toy and Manny Fernandez (Alt. – Anjali Lathi)
Audit Committee	Directors Jennifer Toy and Tom Handley

Legal/Community Affairs, Wednesday, February 19, 2014 at 10:00 a.m.

- 7. Consider the Capacity Fee Appeal for Old Castle Building Envelope.
 - 8. Resolution No. _____, Accepting a 0.80 Acre Property and Access Easement from Old Republic Title Company.
 - 10d. Restaurant Capacity Fees.
 - 10f. ACWD Water Conservation Notice to Customers.
-

Construction Committee, Thursday, February 20, 2014 at 4:00 p.m.

- 10c. Cogeneration Project Status.
-

Legislative Committee, Friday, February 21, 2014 at 9:00 a.m.

- 10e. Legislative Update for February 2014.
-

Personnel Committee, Friday, February 21, 2014 at 10:00 a.m.

- 9. Senior Process Engineer Class Description and Salary.
 - Proposed Email Policy for Board of Directors.
-

Committee meetings may include teleconference participation by one or more Directors.
(Gov. Code Section 11123)

Committee Meeting are open to the public. Only written comments will be considered. No action will be taken.

**MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
February 10, 2014**

1. CALL TO ORDER

President Lathi called the meeting to order at 7:01 p.m.

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

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

STAFF: Richard Currie, General Manager/District Engineer
Rich Cortes, Business Services Manager
Sami Ghossain, Technical Services Manager
David Livingston, Treatment & Disposal Services Manager
Tim Grillo, T&D Research & Support Team Coach
Andy Morrison, Collection Services Manager
David Leath, FMC Electrical/Support Team Coach
Mike Marzano, Environmental & Health Safety Program Manager
Donna Wies, Quality Coordinator
Sol Cooper, Mechanic II
David O'Hara, Legal Counsel
Carol Rice, Acting Assistant to the GM/Board Secretary

4. APPROVAL OF THE MINUTES OF JANUARY 27, 2014.

On a motion made by Director Kite and seconded by Director Fernandez, the minutes of the Board of Directors' Meeting of January 27, 2014 were unanimously approved.

5. QUARTERLY BALANCED SCORECARD PERIOD ENDING DECEMBER 2013.

The Budget & Finance Committee reviewed this item.

- a. Districtwide Balanced Scorecard Measures: Donna Wies reported on the District's strategic objectives for the second quarter of fiscal year 2013-14.

She stated there were no accidents or injuries for the third consecutive quarter and no employees had lost or limited duty since September 2013. The District recently passed the one year mark with no injuries. There were two incidents this year—one was a vehicle accident where staff was at fault; however, no one was injured; and one was an equipment accident. Most of the measures for safety have been met and we are on target for meeting the rest of the measures. We had one critical asset failure in November and one category one overflow.

Rich Currie noted a correction. He stated we had two small category three overflows in November—one was a one gallon overflow.

- b. Treatment & Disposal Scorecard: Dave Livingston explained that in previous years there was only one Process Scorecard for T&D & FMC; however, beginning this fiscal year, FMC and T&D have begun keeping separate Scorecards and tracking performance measurement data separately. The Plant Process Scorecard focuses on process control and compliance, energy and chemical efficiency, and employee skill development. He noted there were six odor complaints in the first half of the fiscal year; five from the same resident. The resident was invited to tour the plant last September; there have been no further complaints since that time. He also noted that excess hydrogen peroxide was due to mitigation of odors. The other complaint was on Christmas Day about a bleach smell which was probably caused by maintenance work being done that day. Water usage was high the first half of the fiscal year due to a significant water leak in the main supply line. Staff is looking into some water conservation efforts later this year.

In response to Director Handley's question about the thermal input limit that applies to the District's co-generation unit, Dave Livingston and Tim Grillo explained that our Permit to Operate issued by the Bay Area Air Quality Management District (BAAQMD) contains an annual thermal throughput limit in addition to emission limits for nitrogen oxide (NOx) and carbon monoxide (CO). The thermal throughput limit is calculated using the Btu value of the digester gas.

- c. FMC Scorecard: David Leath stated that the FMC Workgroup was split into two teams—the Electrical Team and the Mechanical Team. The teams are working with Donna Wies to review the existing measures and develop new measures. They will have a new Scorecard by the start of FY15. He also reported on the team's planned maintenance and labor utilization as well as energy efficiency at the pump stations. Two measures, overtime and percent hours on maintenance work, were impacted by high demand for FMC staff assistance on capital projects.

6. **WRITTEN COMMUNICATIONS.**

Board members received a letter from Washington Hospital Healthcare System detailing changes being made at the hospital.

7. **ORAL COMMUNICATIONS.**

There were no oral communications.

8. **AUTHORIZE THE GENERAL MANAGER TO EXECUTE TASK ORDER NO. 2 WITH RMC WATER AND ENVIRONMENT FOR THE HAYWARD MARSH REHABILITATION OPTIONS STUDY.**

The Legal/Community Affairs Committee reviewed this item. Tim Grillo stated that since 1988, the District has discharged between 3 and 5 million gallons per day (MGD) of secondarily-treated final effluent to the Hayward Marsh. The Marsh NPDES permit required the completion of a mixing zone study by August 2013; however, during planning for the study, the East Bay Regional Parks District (EBRPD) staff discovered that sedimentation was impacting the flow of water to Basin 3B. In order to allow for the successful completion of the mixing zone study, staff submitted an alternative proposal to the Regional Board which delayed the final report for the mixing zone study.

In June 2013, the flow to Basin 3B stopped entirely due to sediment build up. EBRPD notified the Regional Board and the District that the scope of the Marsh dredging project was beyond their capability. The District agreed to assist the EBRPD by conducting a feasibility study to evaluate rehabilitation options for the Marsh. In the fall of 2013, staff issued a request for proposals and received five. The top two were interviewed and staff selected RMC for the study. During the selection process, RMC informed the District that the Marsh Project could potentially receive partial funding under the Department of Water Resources Bay Area Integrated Regional Water Management Plan grant program.

Director Kite asked if rising sea level will effect the Marsh. General Manager responded that in 20-50 years it may, but not currently.

On a motion made by Director Kite and seconded by Director Handley, it was unanimously approved to authorize the General Manager to execute Task Order No. 2 with RMC Water and Environment for the Hayward Marsh Rehabilitation Options Study.

9. **APPROVE THE GENERAL MANAGER’S EMPLOYMENT CONTRACT FOR 2014.**

The Personnel Committee reviewed this item. Rich Currie noted there have been discussions during several open-session Board meetings regarding the terms and conditions of the General Manager’s employment contract. He pointed out the contract includes changes in language under Medical Retiree Benefits that survive the expiration of the Agreement.

On a motion made by Director Fernandez and seconded by Director Toy, the Board unanimously moved to approve the General Manager's employment contract for 2014.

10. INFORMATION ITEMS:

- a. Check Register. In response to several questions from Director Handley, staff will schedule a workshop on the Plant GIS improvements project and research the cost of purchasing an ice machine.
- b. 2013 Employee Safety Survey. The Personnel Committee reviewed this item. Rich Currie noted the latest safety survey shows a high level of employee participation. Donna Wies reported that out of 134 employees, 118 participated in the survey and the average percentage of positive responses was 83.4%. Mike Marzano stated that teams are looking at the data for their workgroup to see if there are areas where they can improve. The Executive Team is looking at the lowest areas of response and the Safety Committee will review some of the questions to see if they should be reworded. Rich Currie added that Mike Marzano did some research and found that USD has not been accident free for one year going back to 1975. He complimented Mike Marzano for doing an excellent job and USD employees for taking safety seriously. He stated there will be a celebration either the last week of February or first week in March.
- c. Solar Facilities Operational Update. The Budget & Finance Committee reviewed this item. Sami Ghossain stated that USD has two solar facilities; one at the Alvarado Plant and one at the Irvington Pump Station. Through December 2013, the Solar Carport facility has generated a total of 662,152 kWh of power, which equates to \$103,528 in energy savings at the Plant. Additionally, the District has received \$126,603 of CSI incentive rebate from PG&E. The total benefit of the Solar Carport is \$230,131. For the Irvington Pump Station, PG&E approved an incentive amount up to \$623,370. Through January 5, 2014, the solar facility has generated a total of 1,742,097 kWh of power, which equates to \$491,025 in energy savings. Additionally, the District has received \$225,854 of CSI incentive rebate from PG&E. The total benefit of the solar facility is \$716,879. Both facilities have been operating well with very little maintenance required.

11. COMMITTEE MEETING REPORTS: The Personnel, Budget, and Legal/-Community Affairs Committees met the week of February 3, 2014.

12. GENERAL MANAGER'S REPORT:

Rich Currie reported the following:

- Survey and soil sampling work on the Hayward Marsh Project is complete; staff is pursuing multiple options for grant funding.

- Recruitment has not started for the Board Secretary/Assistant to the GM position. Staff is currently reviewing the class description for possible updating.
- There were no spills in the month of January.
- Bay Work is sponsoring a job faire in San Francisco on February 19. Staff participating will be Mike Auer and Michelle Powell.
- Staff will be looking at contracting with the vendor doing a pilot study at L. A. County Sanitation on an ammonia removal process for side streams. This process works well with high ammonia and is similar to what we had at the Hayward Marsh.
- I will be moving \$10,000 from the GM's budget to the safety recognition budget to help cover the costs for the upcoming Safety Recognition celebration.
- Dave O'Hara has responses to questions from the Board regarding committee notices and email distribution.

In response to the Board's question regarding whether it is necessary for Board members to post a meeting agenda notice at their home when teleconferencing for committee meetings, Dave O'Hara responded it is not necessary to post a meeting notice unless it's a standing committee. If it is a Board meeting and the Board member is teleconferencing in, the location must be noticed on the agenda and the Board member must post the notice from their location. The Brown Act defines two types of committees—Standing Committee and an Ad Hoc Committee. A Standing Committee is one that has regularly scheduled meetings, such as Board meetings. A Standing Committee also has subject-matter jurisdiction, meaning they have the ability to make decisions regarding matters on the agenda. Teleconferencing is allowed for Board meetings and the type of committees USD has, which are not under the Brown Act definition of *standing committees* because they do not meet on a specific schedule and there is no subject matter jurisdiction for these committees.

In response to whether there should be a formal policy stating the Board must use USD email accounts for correspondence, he noted a formal policy with a resolution number should be considered in order to protect the Board's private email addresses. Additionally, if there is no formal policy and one or two Board members prefer to use their private email address, those who use the District account would not be subject to discovery.

Director Handley requested that staff discuss the option for a Board email policy at the Personnel Committee meeting.

13. OTHER BUSINESS:

Director Kite stated she attended the public information meeting for Newark residents chosen to be included in a study aimed at identifying the condition of their private sewer lateral. USD representatives were available to explain the televising process and answer questions. She stated no one from the public attended the meeting.

14. ADJOURNMENT:

The Board adjourned the meeting at 8:03 p.m. to the next Regular Meeting in the Boardroom on Monday, February 24, 2014 at 7:00 p.m.

SUBMITTED:

ATTEST:

CAROL RICE
SECRETARY TO THE BOARD

JENNIFER TOY
SECRETARY

APPROVED:

ANJALI LATHI
PRESIDENT

Adopted this 24th day of February, 2014



Directors
 Manny Fernandez
 Tom Handley
 Pat Kite
 Anjali Lathi
 Jennifer Toy

Officers
 Richard B. Currie
*General Manager/
 District Engineer*

David M. O'Hara
Attorney

DATE: February 19, 2014

MEMO TO: Board of Directors - Union Sanitary District

FROM: Richard B. Currie, General Manager/District Engineer
 Sami Ghossain, Manager of Technical Services
 Michael Dunning, Environmental Compliance Coach

SUBJECT: Agenda Item No. 7 - Meeting of February 24, 2014
 Consider the Capacity Fee Appeal by Oldcastle Building Envelope

Recommendation

Consider the capacity fee appeal by Oldcastle Building Envelope, located at 6850 Stevenson Blvd. in the city of Fremont.

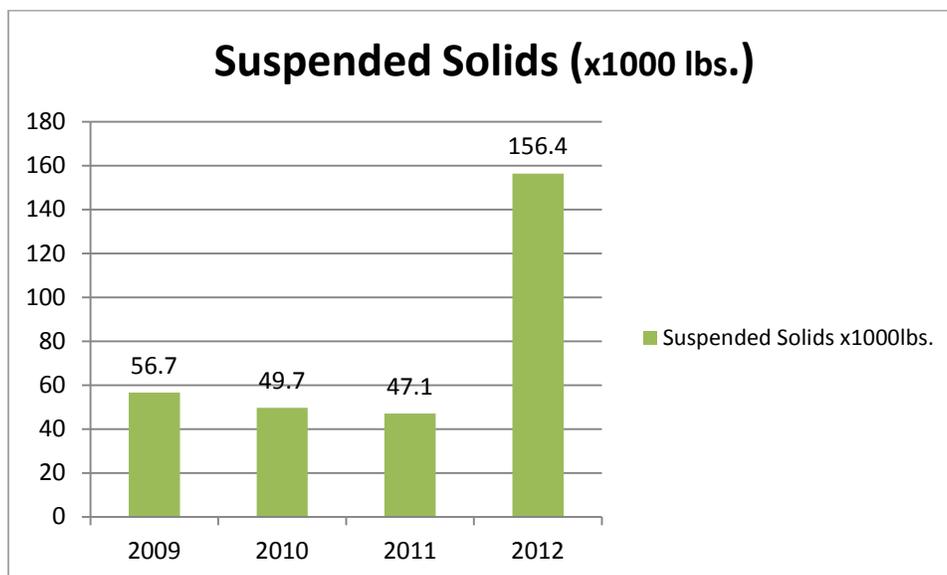
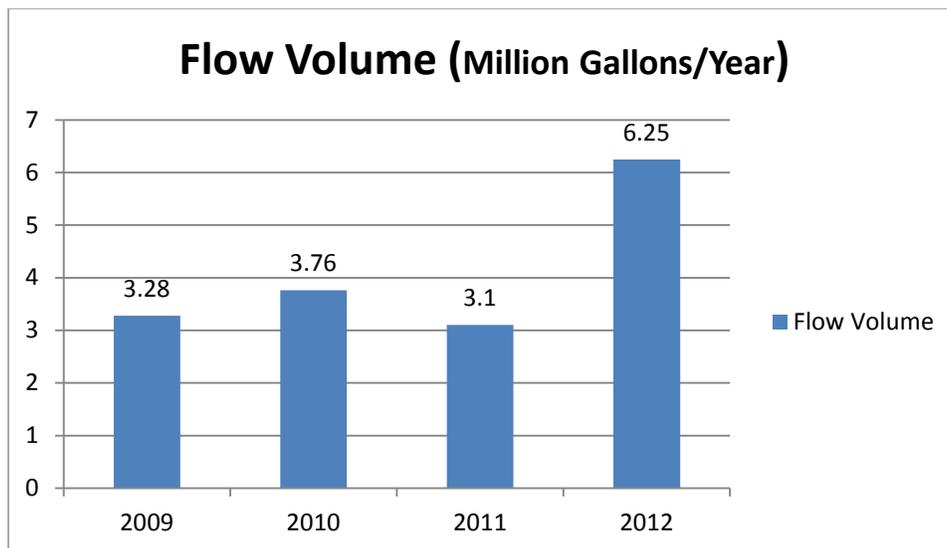
Background

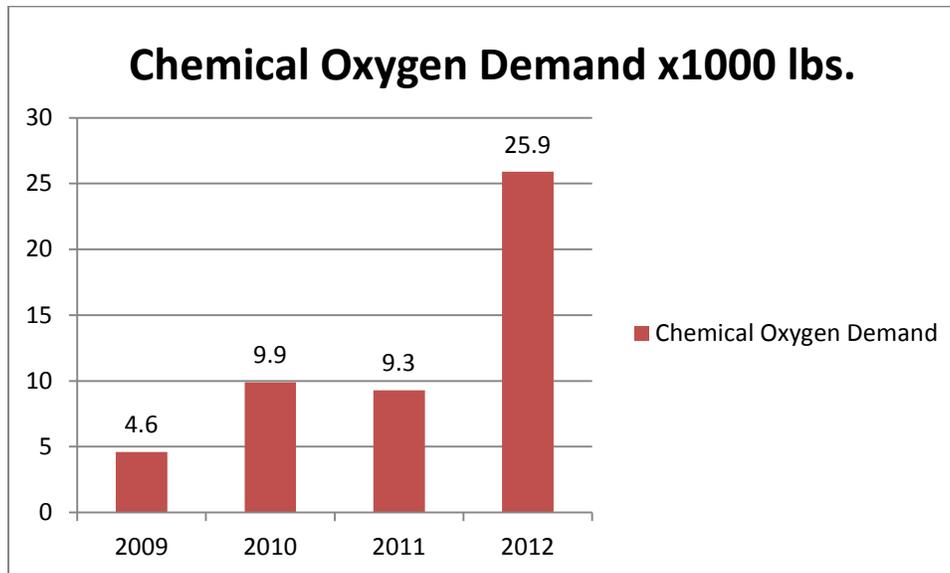
District Ordinance No. 35, ("Capacity Charge Ordinance"), provides for the collection of capacity charges for connection to the sewers of the District. The ordinance defines the capacity charge as 'the charge to be made by the UNION SANITARY DISTRICT for a sewer connection either directly or indirectly to a main sewer; or, for a change, alteration, or expansion of the use of an existing building, as listed in and in accordance with all the provisions of Article III of this Ordinance'. Ordinance 35.20 is attached for reference.

Section 2 of Article III of the Ordinance provides for the collection of industrial capacity fees for properties with industrial wastewater discharges. These charges are divided into four annual installments and are based on three components: flow volume, Chemical Oxygen Demand (COD), and Suspended Solids (SS). The final capacity charge is the average of the four annual charges, which creates a baseline represented by the combination of the flow volume, COD, and SS, provided that any increase in the combined industrial flow and loadings does not exceed the initial estimate by more than 25%.

Oldcastle Building Envelope (Oldcastle) entered into an Agreement to Pay Capacity Charges per Ordinance 35, Section 2b on May 26, 2009 (Attachment 1). Oldcastle has paid the first three years of capacity fees.

When staff calculated the fourth year capacity fee payment for Oldcastle, the data showed that the company had increased their water usage from 3.1 million gallons in 2011 to 6.25 million gallons in 2012. Additionally, Suspended Solids had increased from 47,100 lbs. to 156,400 lbs., and COD had increase from 9,280 lbs. to 25,900 lbs. Due to these increases, the fourth year combined industrial flow and loadings increased 182% above the first year charge.





The Ordinance specifies that when the combined industrial flow and loadings exceed the initial estimate by more than 25%, the permitted industry must pay the increase for all previous years to establish a new baseline that accurately reflects the discharge. Due to the fact that the increase in total combined industrial flow and loadings was so great, and this payment was the final year, the new calculated capacity charge is \$701,346. See attachment 3.

On July 29, 2013, staff met with Oldcastle and explained the basis for and the calculation of the fourth year capacity charge. Oldcastle disputed the accuracy of the Alameda County Water District (ACWD) water usage data that was used to determine the flow volume. Also, Oldcastle indicated that it had installed a closed loop water filtration system that is designed to reduce water use and suspended solids. Finally, Oldcastle requested additional time for the resolution of the disputed water usage data with ACWD (Attachment 2). USD agreed to allow Oldcastle until November 30, 2013 to resolve the issue.

On October 24, 2013 Oldcastle requested reconsideration of the fourth year capacity charge by the District Engineer, per Ordinance 35, Article VI, Section 1, entitled "Appeals" (Attachment 3). As part of this request, Oldcastle proposed to use an average of the previous three year flows to determine the final year volume, and not apply any back charges to previous years. If applied, this capacity fee would be in the amount of \$82,346.

After reviewing the information, the District Engineer determined that Oldcastle would not be assessed the full Capacity charge for all four years. Instead, Oldcastle would be assessed only the final year's excess charge for water use and loadings. This capacity fee is \$168,545.28 (Attachment 4). The rationale for assessing Oldcastle only the one year excess capacity fee were that there was a significant increase in loadings concentration discharged in 2012. However, the recognition that Oldcastle has installed equipment to potentially reduce their water use in the future indicated this would be a one year spike in flow.

On January 15, 2014, Oldcastle requested an appeal to the District's governing body. The appeal again asks for an average of previous year water usage to determine the final year volume. However, Oldcastle has not provided any information verifying that the water usage data from ACWD is not reliable.

Staff will be in attendance at this Board meeting to present this item and to answer questions of the Board.

RBC/SG/MD

Attachment 1- Oldcastle Building Envelope Agreement

Attachment 2- Oldcastle request for time

Attachment 3-Oldcastle Appeal

Attachment 4-Final Year Capacity Fee

Attachment 5- Ordinance 31 (Capacity Fee Ordinance)



AGREEMENT TO PAY CAPACITY CHARGES

THIS AGREEMENT, entered into, in duplicate, this **26th** day of **May 2009**, by **Oldcastle Glass, 6850 Stevenson Blvd, Fremont, CA, 94538**, hereinafter called the "User" and UNION SANITARY DISTRICT of Alameda County, California, hereinafter called the "District".

1. District agrees to issue a Building Sewer Construction or Wastewater Discharge Permit in accordance with the plans on file and approved by the District, subject to the condition that the charges provided for herein are paid when due.

2. In consideration of District issuing User a Building Sewer Construction or Wastewater Discharge Permit, User agrees to pay District an initial capacity charge based on available Flow, Chemical Oxygen Demand (COD) and Suspended Solids (SS) data or a reasonable estimate of the three components prior to issuing of permit per Section 2, item a, User also agrees to pay the balance of the capacity charges due in three annual installments as provided for and as computed in Section 2, item b, of Ordinance No. 35.15 in effect at the time said permit is issued.

3. Said three additional charges shall be due and payable upon billing at the end of the first, second, and third years from the date of acceptance of the Building Sewer or issuance of the Wastewater Discharge Permit and are delinquent thirty days thereafter.

4. A filing of voluntary or involuntary bankruptcy by User shall accelerate the payment or payments of capacity charges due to the date of such filing.

5. In addition to other legal process for collection, delinquent charges may be collected on the tax roll, or District may require User to disconnect said sewer until said charges are paid.



AGREEMENT TO PAY CAPACITY CHARGES

6. If the existing use of a building or property is changed or an industrial process is altered and said change or alteration will increase the existing industrial wastewater flow or loading by more than 25%, additional capacity charges shall be paid for the entire increase.

7. The parties hereto agree that this Agreement shall be binding on their heirs, successors, trustees and assigns.

IN WITNESS WHEREOF, the parties hereto on the day and year first above written have executed this Agreement in two counterparts, each of which shall, without proof or accounting for the other counterparts, be deemed as original:

Oldcastle Glass, Inc
(Name)
6850 Stevenson Blvd
Fremont, CA 94538
(Address)

BY [Signature]
"User"

UNION SANITARY DISTRICT

BY Richard B. Currie
Richard B. Currie, General Manager
5072 Benson Road
Union City CA 94587
"District"



7/29/13

Union Sanitary District
5072 Benson Road
Union City CA 94587

Reference: Capacity Fee. Oldcastle BuildingEnvelope-Fremont

Attn: Michael Dunning

Mr. Dunning,

Thank you for taking the time to meet with us today. As discussed in our meeting we feel like the Alameda County Water District capacity flow calculation for 2012 is inaccurate. We have requested a review of our account from ACWD. I hope for a quick resolution. I would like to request USD give us more time to allow ACWD and ourselves to research and resolve the discrepancy.

Regards,

Greg Grothoff
General Manager

Oldcastle BuildingEnvelope-Fremont.



01-21-14 10:08 IN

January 15, 2014

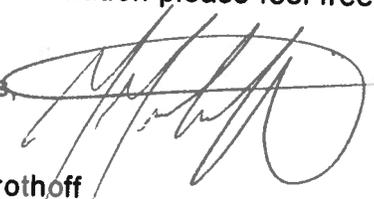
Union Sanitary District
Richard B. Currie
General Manager/District Engineer
5072 Benson Road
Union City CA 94587

Subject: Oldcastle BuildingEnvelope- Formal Request for Appeal of Revised Final Year Capacity Fee.

Mr. Currie,

I'm in receipt of your letter dated January 10th. We are appreciative that the Union Sanitary District has recognized our good faith efforts to decrease water use and suspended solids however the final year fee is not correct. Please consider this letter my formal request for appeal of the final year capacity charge of \$168,545.28. The charge is based on water flow data that is inaccurate. I have attached a service charge calculation based on our average water flow during the period of 2009-2011. This spreadsheet template was provided to us by the Union Sanitary District. According to the spreadsheet our capacity fee is \$56,418.52. This is a more accurate way to assess our charge in the absence of accurate metered flow for 2012.

I hope that the Districts governing body will find this to be a fair proposal so that we can all move forward. I would also welcome an opportunity to sit down with the board to discuss in further detail if needed. If you have any questions or need further information please feel free to contact me. I look forward to your response.

Regards, 

Greg Grothoff
General Manager
Oldcastle BuildingEnvelope-Fremont

Union Sanitary District Industrial Sewer Service Charge Calculation Worksheet

Parcel Number

Owner's Name

Mailing Address

City, State, Zip

Tenant Name

Situs Address

City, State, Zip

FLOW INFORMATION			
ACWD Account #	Flow (Gal./Yr)	ACWD Account #	Flow (Gal./Yr)
1.	3,994,569.00	11.	
2.		12.	
3.		13.	
4.		14.	
5.		15.	
6.			
7.			
8.			
9.			
10.			
Subtotal	3,994,569.00	Total Metered Flow	3,994,569.00
		Flow Adjustment 1	0.00
		Flow Adjustment 2	0.00
		Total Flow	3,994,569.00
		Flow Factor	36.00%
		Flow For Charges	1,438,044.84

SEWER SERVICE CHARGE CALCULATIONS					
<u>Average Loadings from Sampling</u>			Suspended Solids	2,726.00	mg/l
			Chemical Oxygen Demand	497.00	mg/l
		<u>Yearly Total</u>		<u>Rate</u>	<u>Units</u>
Total Flow	1,438,044.84	Gal.		\$8.87	Per 1,000 Gal.
Suspended Solids	32,709.40	Lbs.		\$1,230.86	Per 1,000 Lbs.
Chemical Oxygen Demand	5,963.53	Lbs.		\$570.53	Per 1,000 Lbs.
					*Subtotal
					\$56,418.52
<input type="checkbox"/> Use Minimums?	# Units	# Mins.	Rate		
	0	0	\$304.33	Min. Charges	\$0.00
				Permit Fees	\$0.00
				Adjustments	\$0.00
*Note: The Minimum Charge for FY2012 is \$304.33					*Total Charges
					\$56,418.52

CAPACITY FEE CALCULATIONS PER ORDINANCE NO.

35.19

APN: 531-0165-03600

Date 7/19/2013

No. 4th of 4 Billings
 Name Oldcastle Building Envelope, Inc. Permit No. 28
 Business Address 6850 Stevenson Blvd. City Fremont, CA 94538

LOADING DATA:

Loadings are from: Sampling
 COD Value: 497.00 mg/l
 S.S. Value: 2,726.00 mg/l

FLOW VALUE SOURCE:

From A.C.W.D.: X
 From Permit Estimate: _____
 From Calculation: _____

Paid Capacity **4,965,224.00** Flow
6,835.92 lbs COD
14,749.02 lbs SS

FLOW DATA:

employee 108 x 310 days/year x 20 gallons/day = Domestic Flow **669,600** gal/yr
 or **.669600** MGY

Total Flow **6,924,236** from ACWD or **6.924236** MGY

Domestic - **669,600**
 Ind. Flow **6,254,636**

4,965,224.00 Paid Cap Flow = **1,289,412.00** Total gal/year
 Ord. #35.16 Garanteed Rate on Flow from 2009 excess : **(1,685,752.00)** -
2,975,164.00 billable Flow

Total lbs COD: **497.00** mg/L x 8.344 x **6.924236** = 28,714.59
 Dom lbs COD: 500 mg/L COD x 8.344 x **0.669600** = 2,793.57 -
 25,921.01 Net lbs COD
 - 6,835.92 Paid Cap COD
19,085.09
 Ord. #35.16 Garanteed Rate on COD from 2009 excess : **(2,224.89)** -
21,309.98 billable COD

Total lbs SS: **2,726.00** mg/L x 8.344 x **6.924236** = 157,496.90
 Dom lbs SS: 200 mg/L SS x 8.344 x **0.669600** = 1,117.43 -
 156,379.47 Net lbs SS
 - 14,749.02 Paid Cap SS
141,630.45
 Ord. #35.16 Garanteed Rate on SS from 2009 excess : **36,015.17** -
105,615.28 billable SS

CHARGES:

Volume: **2,975,164.00** gal/year X \$8.87 = \$26,389.70
 1,000 gal Volume Charge
 COD: **21,309.98** lbs/yr X \$570.53 = \$12,157.98
 1,000 lbs COD Charge
 SS: **105,615.28** lbs/yr X \$1,230.86 = \$129,997.63
 1,000 lbs SS Charge

Subtotal is billed below for 2012: \$168,545.32

BILLING: Ord. #35.16 Garanteed Rate on Flow, SS, and COD from 2009 excess : **\$28,739.83**

Year	% from baseline	Paid over baseline (credit)	Not Paid under baseline (debit)	Baseline Fee Due in 2012	Cap Fee Due
2009	Estab. new baseline	\$0.00	\$0.00	\$168,545.32	\$168,545.32
2010	5.50%	\$4,599.04	\$0.00	\$168,545.32	\$163,946.28
2011	-3.62%	\$0.00	\$3,024.00	\$168,545.32	\$171,569.32
2012	182.41%	Over 25% is new baseline	Over 25% is new baseline	\$168,545.32	\$168,545.32

Capacity Fee **\$701,346.07**

RESOLUTION NO. 2712

ORDINANCE NO. 35.20

**AN ORDINANCE PROVIDING FOR THE COLLECTION
OF CAPACITY CHARGES FOR CONNECTION TO
THE MAIN SEWERS OF UNION SANITARY DISTRICT**

The District Board of UNION SANITARY DISTRICT does order and ordain as follows:

ARTICLE I

REPEAL OF PREVIOUS ORDINANCE

Ordinance No. 35.19 is hereby repealed.

ARTICLE II

GENERAL

SECTION 1 SHORT TITLE

This Ordinance shall be known as the "CAPACITY CHARGE ORDINANCE."

SECTION 2 PURPOSE OF THE CAPACITY CHARGE

The District allows new and existing users to buy a share of the District's system's capacity for the discharge of their wastewater. The Capacity Charge exists to fund facilities and assets that increase or maintain system capacity. The purpose of the Capacity Charge is to provide revenue to recover costs for: the acquisition of future facilities and assets that benefit new or expanded connections; the replacement or rehabilitation of existing facilities and assets that benefit new or expanded connections; a share of any debt service and financing costs related to new or existing facilities and assets benefiting new or expanded connections; other costs that the District has incurred or anticipates incurring in acquiring facilities or assets that benefit new or expanded connections.

SECTION 3 USE OF THE CAPACITY CHARGE

Current Capacity Fund Reserves and revenues collected in the future, through the payment of the capacity charge will be used to fund capital projects, upgrades and replacements that increase capacity or maintain existing capacity. The capacity charges can be used to fund a proportionate share of capital outlays, including debt service, for any capital projects. The collected revenue will not be used to fund operating or maintenance costs.

SECTION 4 ADOPTION OF A CAPITAL IMPROVEMENT PLAN

The District has prepared a Capital Improvement Plan (CIP) which contains projects and facility upgrades that are required in order to increase or maintain the capacity of the system. The Capital Improvement Plan, which has been reviewed and formally adopted by the Board of Directors, will be revised each year, and an updated Capital Improvement Plan will be adopted by the Board annually.

SECTION 5 REASONABLENESS OF THE CAPACITY CHARGE

In order to demonstrate the reasonableness of the District's Capacity Charge, the calculation method and the basis for determining the capacity charge for an equivalent dwelling unit (EDU) are presented in a separate report entitled "USD Capacity Fee Study, October 2010", and may be referenced by contacting the District. The District will establish capacity charges that consider the approximate average capacity charge of other agencies in the San Francisco Bay Area and construction cost inflation.

SECTION 6 DEFINITIONS

Unless the context indicates otherwise, the following words and terms shall have the meaning as follows:

- a. **Boarding Establishment Unit.** One or more rooms with centralized kitchen facilities designed for use by transients, students, retirees, or other occupants for living and/or sleeping purposes. Each separate room which is designed for occupancy by one or more persons or which serves as one housekeeping unit shall be deemed to be one living unit. For facilities with only communal living space, the design occupancy shall be deemed as the determining factor for the capacity charge.
- b. **Building Sewer.** A sewer conveying wastewater from the property of the user to a main sewer. Also referred to as a private sewer or lateral.
- c. **Building Sewer Construction Permit.** A permit issued by UNION SANITARY DISTRICT allowing the construction and connection of a building sewer line to the main sewer.
- d. **Capacity Charge.** The charge to be made by the UNION SANITARY DISTRICT for a sewer connection either directly or indirectly to a main sewer; or, for a change, alteration, or expansion of the use of an existing building, as listed in and in accordance with all the provisions of Article III herein.
- e. **Chemical Oxygen Demand (COD).** The equivalent quantity of oxygen utilized during oxidation of organic and inorganic matter in wastewater under the conditions of the COD test as described in the latest edition of "Standard Methods for the Examination of Water and Wastewater", expressed in milligrams per liter.

- f. **Chemical Oxygen Demand (COD) loading.** The annual average mg/L COD multiplied by the total annual industrial wastewater discharge volume in million gallons multiplied by the conversion factor 8.34.
- g. **Commercial/Industrial/Office Use (C/I/O) (Domestic Use Only).** A parcel of real property designed for use by a single tenant for a single commercial or industrial use whose discharge is limited to domestic waste only. Examples include retail sales, office space, showrooms, and other uses producing domestic waste only, which do not fall into one of the other specifically designated categories. Also included in this category are individual tenant units in the mixed-use commercial category whose floor space exceeds 10,000 square feet.
- h. **District.** Union Sanitary District of Alameda County, California.
- i. **District Engineer.** The General Manager of the District or his designees, including, but not limited to, duly authorized personnel.
- j. **Domestic Loading.** The Domestic Premise in terms of pounds/yr allocating 20 gallons/day/employee to be used in the absence of a separate approved industrial wastewater or industrial process water flow meter.
- k. **Domestic Premise.** Domestic loading equal to 500 mg/L COD and 200 mg/L SS.
- l. **Domestic Wastewater.** Any wastewater which will enter into the main sewers from the non-industrial operation, preparation, cooking and handling of food; or, containing human wastes and similar matter from the sanitary conveniences of dwellings, commercial buildings, industrial facilities and installations.
- m. **Dwelling Unit.** The following living establishments shall be deemed to be one dwelling unit:
 - (i) Single family residential dwelling or mobile home designed for occupancy by one family and up to 4,500 square feet of building area. Single family residential dwelling units above 4,500 square feet will be charged an additional proportionate charge above 4,500 square feet.
 - (ii) Multi-family dwelling is each housekeeping unit of a: duplex, triplex, fourplex, townhouse or condominium, apartment house, mobile home park, or other multi-residential establishment designed for occupancy for living purposes by more than one family, and which is divided into separate housekeeping units, each of which is designed for occupancy by one family only.
- n. **Groundwater.** Any water found below the land surface or from saturated soil including: potable or irrigation water source wells, injected subsurface water, rising subsurface water, underground infiltration to manmade structures, pumped subsurface waters, foundation and footing drainage, water from crawl space

pumps, natural springs, and subsurface flows from riparian habitats, streams, and wetlands.

- o. **Industrial User.** Any establishment engaged in producing, manufacturing, or processing operations, and all other establishments engaged in any activity resulting in the production of industrial wastewater which will enter into the sewer system.
- p. **Industrial Wastewater.** Any non-domestic wastewater which will enter into the main sewers by being discharged, permitted to flow or escape from any industrial, manufacturing, commercial, or business establishment or process; or from the development, recovery, or processing of any natural resource. Industrial wastewater is directly reported from a separate approved industrial wastewater flow meter or industrial process water flow meter; otherwise, industrial wastewater is calculated from potable water meter sources excluding a calculated percentage of non-industrial use.
- q. **Loadings.** The equivalent weight of Chemical Oxygen Demand and Suspended Solids discharged to the main sewer system during a given time interval. Unless otherwise specified, the loadings shall mean pounds per day or per year of a particular constituent or combination of constituents.
- r. **Main Sewer.** An existing sanitary sewer dedicated to public use, within the public right of way or dedicated easement.
- s. **Mixed Use Commercial Property.** A parcel of real property designed for the occupancy of multiple tenants, such as a shopping center. Examples of acceptable uses on mixed use commercial properties include; retail sales outlets, restaurants, offices, service companies, health clubs, laundromats, theaters, and similar commercial uses. Individual tenant units whose floor area exceeds 10,000 square feet may be included in the Commercial/Industrial/Office Use (C/I/O) (Domestic Use Only Category).
- t. **Person.** Any individual, firm, company, partnership or association; private, public, and municipal corporations; responsible corporate officer; the United States of America; the State of California; districts and all political subdivisions; governmental agencies and mandatories thereof.
- u. **Private Cafeteria.** A food service facility within a school, commercial or industrial building which is used exclusively by the students or employees of the company or school. Cafeterias which are open to the public, or provide catering or off-site food service to other companies will be considered a restaurant. Capacity fees for private cafeterias will be based on the area of food preparation, cooking, food storage, and food serving areas but shall exclude seating areas.

- v. **Property.** A parcel of real estate or portion thereof, including any improvements thereon, which is determined by the District to be a single user for purposes of receiving, using, and paying for service.
- w. **Public Assembly Facilities.** Any facility where the public may assemble for social, business, educational or entertainment purposes, including, but not limited to, movie theaters, auditoriums, theaters and music halls.
- x. **Suspended Solids (SS).** The solids that either float on the surface of, or are in suspension in, wastewater and which are largely removable by standard laboratory filtration procedures, expressed in milligrams per liter.
- y. **Suspended Solids (SS) loading.** The annual average mg/L SS multiplied by the total annual industrial wastewater discharge volume in million gallons multiplied by the conversion factor 8.34.
- z. **User.** Any person that discharges, causes, or permits the discharge of wastewater into a main sewer.
- aa. **Volume.** The quantity of wastewater discharged during a specified period of time, expressed in gallons.
- bb. **Warehouse.** A building or portion of a building used exclusively for the storage of goods. The following is NOT considered a warehouse;
 1. A distribution, wholesale trade, shipping, receiving, and/or packing center,
 2. Storage areas for goods or finished products within a manufacturing plant or commercial building that are not separated by a permanent partition wall, and or
 3. Storage areas that do not exceed 5,000 square feet in area.

Warehouse buildings that contain office, industrial, or other non-warehouse areas, totaling more than ten percent of the gross area of the entire building, will be segregated into separate uses and charged the appropriate rate for each different use. Otherwise, the warehouse rate shall apply to the gross area of the entire building.

Whenever the use of a proposed building or part of a building is not clear or not determined prior to connecting to the sanitary sewer, the Commercial/Industrial/Office Use rate will be used to calculate the capacity fee. If, after the building is first occupied, it becomes evident that it, or part of it, is being used exclusively for warehouse purposes, as described herein, a refund may be issued.

- cc. **Wastewater Discharge Permit.** A permit issued by UNION SANITARY DISTRICT authorizing the discharge of groundwater or industrial wastewater by an industrial user, either directly or indirectly into a main sewer.

SECTION 7 TERMINOLOGY

Words, phrases, or terms not specifically defined herein and having a technical or specialized meaning shall be defined as set forth in the latest edition of "Standard Methods for the Examination of Water and Wastewater," published by the American Public Health Association, the American Water Works Association and the Water Environment Federation. Reference to waste constituents and characteristics shall have the meanings ascribed to them in the aforesaid "Standard Methods for the Examination of Water and Wastewater" and measurements thereof shall be as set forth in said publication, or as established by Federal or State regulatory agencies.

ARTICLE III

BASIS FOR CAPACITY CHARGES

SECTION 1 DOMESTIC WASTEWATER

The capacity charge to be paid for connecting either directly or indirectly to a main sewer shall be determined by the District based upon the existing or proposed use of the property to be served, the number of existing or proposed units thereon, and the volume of wastewater generated, in accordance with the following:

Connection Category	Charge per Unit
1. Single Family Dwelling Unit (less than or equal to 4500 square feet)	\$5,329.20 per unit
Single Family Dwelling Unit (greater than 4500 square feet)	\$5,329.20 per unit, plus proportionate charge above 4500 square feet (i.e. charge for 4600 square feet = 4600/4500 x Charge per Unit)
Multi Family Dwelling Unit	\$4,567.89 per unit
2. Mixed Use Commercial Property with individual tenant units less than 10,000 square feet.	\$6.06 per square foot of building floor area
Commercial/Industrial/Office Use (C/I/O) (Domestic Use Only) and Mixed Use Commercial Property with individual tenant units exceeding 10,000 square feet.	\$2.52 per square foot of building floor area

3.	Boarding Establishments	\$3,555.44	per living unit; or
	Including Hotels and Motels	\$1,777.70	per capita design tenant
4.	Schools and Day Care Centers (Boarding Facilities Excluded)	\$2.85	per square foot of building floor area
5.	Churches (School and Day Care Facilities Excluded)	\$2.02	per square foot of building floor area
6.	Public Assembly Facilities	\$126.96	per seat
7.	Health Clubs	\$8.55	per square foot of building floor area
8.	Park or Recreation Site Restrooms	\$5,329.20	per water closet
9.	¹ Coin-Operated Laundromats	\$4,060.78	per washing machine
10.	Restaurants - All	\$21.01	per square foot of building floor area
11.	Eating/Drinking Facilities without Cooking Facilities	\$10.57	per square foot of building floor area
12.	Car Wash with Water Recycling	\$5,329.20	lump sum
13.	Warehouses	\$0.98	per square foot of building floor area up to 50,000 square feet
		\$0.31	per square foot of building floor area for that portion in each building above 50,000 square feet
14.	Private Cafeterias	\$21.01	Per square foot of floor area for food preparation, cooking, food storage, and food serving areas but excluding seating areas
15.	Equipment Wash Pad with Interceptor	\$5,329.20	lump sum,
		\$17.03	plus per square foot for any additional pad area above 600 sq. ft.

- | | |
|---|---|
| 16. Mobile Home Holding Tank Disposal Station | \$10,638.77 lump sum |
| 17. Non-Standard Connections | Capacity charges for users not listed in the above table shall be determined by the District Engineer based upon a reasonable estimate of the volume and pollutant loadings of the wastewater to be discharged. |

¹ Note: The charge listed is in addition to other capacity charges that may apply (example: Mixed-Use Commercial).

SECTION 2 INDUSTRIAL WASTEWATER

Properties with industrial wastewater discharges will be charged a Capacity Charge that will be divided into four annual installments, in addition to the Domestic Wastewater Capacity Charge in accordance with the following formula:

- a. **Initial Charge.** The initial charge shall be the sum of the following:
 - (i) Volume Component. Estimated total annual industrial wastewater discharge volume (exclusive of domestic wastewater) times \$9.76 per 1,000 gallons.
 - (ii) COD Component. Estimated annual Chemical Oxygen Demand loading (exclusive of COD domestic loading) times \$627.58 per 1,000 pounds.
 - (iii) Suspended Solids Component. Estimated annual Suspended Solids loading (exclusive of SS domestic loading) times \$1,353.95 per 1,000 pounds.

- b. **Succeeding Three Annual Charges.** At the time a Building Sewer Construction Permit is issued, or prior to the issuance of a Wastewater Discharge Permit, the prospective user shall enter into an agreement with UNION SANITARY DISTRICT which shall provide that there be three additional charges due and payable upon billing at the end of the first, second, and third year from the date of acceptance of the building sewer or issuance of a Wastewater Discharge Permit. Each of these annual charges shall be the sum of the following:
 - (i) Volume Component. \$9.76 per 1,000 gallons times the previous year's industrial wastewater discharge volume (exclusive of domestic wastewater).
 - (ii) COD Component. \$627.58 per 1,000 pounds times the previous year's discharge of Chemical Oxygen Demand loading (exclusive of COD domestic loading).

- (iii) Suspended Solids. \$1,353.95 per 1,000 pounds times the previous year's discharge of Suspended Solids loading (exclusive of SS domestic loading).

Final paid capacity is the average of 4 payments which creates a baseline represented by the combination of the three parameters; flow, COD, and SS, provided that any increase in the combined industrial flow and loadings does not exceed the initial estimate by more than 25%.

- c. **Excess Capacity.** In the event that the combined industrial flow and loadings exceed the initial estimate by more than 25%, an additional capacity charge shall be paid over 4 years, concurrently with the initial payment and succeeding annual payments, for the entire increase at the present-day rate.
- d. **Single Installment Amount.** If the calculated charges for an industrial use total less than \$500, the initial charge and the succeeding annual charges shall be paid in a single installment prior to the issuance of any permit.

SECTION 3 GROUNDWATER DISCHARGE

If a discharge permit is granted for groundwater, from the cleanup of spills, leaking underground storage tanks, monitoring wells or other similar sources, the duration of discharge will govern capacity fees. If discharge is for less than one year, ten percent of the minimum capacity charge will be assessed. For discharge durations of one year or greater, the capacity fee will be calculated by multiplying the actual volume of groundwater discharged by ten percent of the industrial wastewater volume component in effect that year, up to a maximum of ten years. Completion of discharge will terminate any ongoing capacity rights.

SECTION 4 MINIMUM CAPACITY CHARGE

In no case shall the minimum capacity charge for any initial connection to the District's system be less than the domestic wastewater capacity charge for a multi-family dwelling unit.

ARTICLE IV

ALLOWANCE FOR INDUSTRIAL CREDITS, REVIEW OF CHARGES AND CHANGES IN PROPERTY USE

SECTION 1 QUALIFICATION FOR INDUSTRIAL RELOCATION CREDIT

This section shall apply to industrial wastewater only, not to domestic wastewater. If the transfer of an industry discharging industrial wastewater to a different parcel of land does not impose any additional burden on the District's facilities, a credit, which shall be referred to as a relocation credit, may be allowed, provided that:

- (i) The owner of the real property, from which the industry is moving, is willing to relinquish the industrial wastewater capacity for the purpose of a relocating tenant or relocating industrial process.
- (ii) essentially the same industrial operation has been transferred from one parcel to another and such operation was previously connected to the District's system;
- (iii) the industrial operation was owned prior to the transfer by the person now making claim to the relocation credit;
- (iv) the discharger has demonstrated to the satisfaction of the District that the industrial operation has been abandoned from the parcel from which the transfer has occurred, or presented a certification in writing and a performance bond of equal or greater value than the relocation credit that such industrial operation will be abandoned within six (6) months of the District approving an application for connection. Should the facility not be abandoned within the prescribed period, the relocation credit shall be revoked and a capacity charge, with respect to the parcel to which the industrial operation transferred, shall be due and payable as of the date said parcel was connected to the District's system;
- (v) there is adequate capacity in the District's system at the new location to accommodate connection of the industrial operation to be transferred.

SECTION 2 BASIS FOR RELOCATION CREDIT

The relocation credit shall be based upon the amount of capacity purchased. If a record of the amount of capacity purchased does not exist the average of the total annual discharge of: the number of gallons of industrial wastewater, number of pounds of Chemical Oxygen Demand (exclusive of COD domestic loading), and number of pounds of Suspended Solids (exclusive of SS domestic loading) for the preceding four (4) years, or years of operation if less than four (4) years, prior to the transfer. In no case shall there be a refund or a credit applied to any other type of fee or charge if the fee for the industrial wastewater discharge for the relocated industrial operation is less than the relocation credit allowed.

SECTION 3 REVIEW OF CAPACITY CHARGE

Capacity charges or relocation credit determined under Article III and Article IV may be reviewed at the applicant's request. The review will be based on the use data provided by the applicant and other criteria to be established by the District for a review fee of \$25.00. Any requested adjustments to the capacity charge using this method are subject to verification by the District using District sampling, monitoring, and analysis procedures. All verification costs must be paid by the applicant. After completion of the District's review, the questioned capacity charge may be adjusted up or down in accordance with the results of the verification study.

SECTION 4 CHANGE OF PROPERTY USE

- a. **Industrial Wastewater.** If the existing use of a building or property is changed, an industrial process is altered, production is increased or any other change, or alteration will increase the existing combined industrial wastewater flow and loadings by more than 25%, an additional capacity charge shall be paid over 4 years for the entire increase at the present-day rate.

- b. **Change in Building Size.** If the existing size of a building or property is expanded, added onto, increased, or otherwise physically modified, an additional capacity charge applicable to the expansion, addition, or increase shall be paid. In no instance shall a refund be granted if the size of a building or property is decreased.

- c. **Domestic Wastewater Changes in Use.** When the use of a building or property is modified or changed, such as a change in tenants, or a change in the type of business occupying the property, the District will consider this a change in use. Each change in use shall be reviewed by the District to determine if an additional capacity fee will apply. An additional capacity fee shall apply whenever the capacity fee calculated for the new use is greater than the value of capacity fees already paid for the former use. For the purpose of this comparison, the current capacity fee rates as listed in Article III of this Ordinance, shall apply to both the new and former use. Whenever the capacity fee calculated for the new use exceeds the value of the capacity fees already paid for the former use, the difference shall be paid to the District as an additional capacity fee for the change of use. In no instance shall a refund be granted if the change in the use of a building or property results in the value of capacity fees paid for the former use being greater than the cost of the capacity fee calculated for the new use.

- d. **Credit for Previously Purchased Capacity.** If the existing size or use of a building or property is expanded, added onto, or increased, a credit may be allowed based on verified previously purchased capacity that is retained on the property site. This verification will include review of District records and any records supplied to the District. If no credible records exist then no credit will be allowed. In no instance shall a refund be granted if the decreased use of a building or property results in a lower discharge volume and/or loading level than that for which capacity charges have previously been paid.

- e. **Payment Due Date.** If a Building Sewer Construction Permit or a new or revised Wastewater Discharge Permit is required as a result of an expansion of a building or property and/or the increase in flow or loadings from the property, additional capacity charges shall be paid prior to the issuance of the permit. If neither permit is required, additional capacity charges shall be paid upon billing by the UNION SANITARY DISTRICT and be delinquent thirty (30) days thereafter.

ARTICLE V
PAYMENT AND DEPOSITION OF CHARGES

SECTION 1 PAYMENT OF INITIAL CHARGES

No building sewer or building drain shall be constructed and connected to any main sewer until the UNION SANITARY DISTRICT has issued a Building Sewer Construction Permit in accordance with District specifications and a capacity charge has been paid to the District. The capacity charge shall be in addition to the annual sewer service charge, charges for annexation, inspection, permits, reimbursements, and the requirements of any other rule, regulation, or ordinance of the UNION SANITARY DISTRICT.

SECTION 2 PAYMENT OF SUCCEEDING CHARGES

All charges prescribed under this Ordinance are payable upon billing and delinquent at the expiration of thirty (30) days thereafter. If it is necessary to initiate legal action to collect the delinquent obligation, all penalties allowed by the law will be applied. In addition to all other means of legal process available for the collection of the delinquent charges, the UNION SANITARY DISTRICT may elect to have the delinquent charges collected annually on the property tax roll in the same manner, by the same persons, at the same time as, and together with and not separately from general taxes in accordance with the provisions of 5473 and 5473a et seq. of the California Health and Safety Code and UNION SANITARY DISTRICT Ordinance No. 31 as amended. Delinquent tenant capacity charges will be charged against the property of the owner of the premises occupied by the tenant.

SECTION 3 DEPOSITION OF FUNDS

The collected capacity charges shall be deposited in the Capacity Fund.

ARTICLE VI
ADMINISTRATION

SECTION 1 APPEALS

Any user, permit applicant, or permit holder affected by any decision, action, or determination made by the District interpreting or implementing the provisions of this Ordinance may file a written request for reconsideration with the District Engineer, setting forth in detail the facts supporting the user's request.

If the ruling made by the District Engineer is unsatisfactory to the person requesting reconsideration, he may file a written appeal to the District's governing body within ten (10) days after notification of the District's action. The written appeal shall be heard by the governing body within thirty (30) days from the date of filing or as soon thereafter as reasonably possible. The District's governing body shall make a final ruling on the appeal within thirty (30) days of the meeting. The District Engineer's decision, action, or determination shall remain in effect during the period of reconsideration.

SECTION 2 FALSIFYING OF INFORMATION

Any person who knowingly makes any false statements, representation, record, report, plan or other document filed with the District; or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under this Ordinance, is hereby declared to be in violation of this Ordinance, and subject to the Civil Penalties imposed under Section 7.05 of UNION SANITARY DISTRICT'S Ordinance No. 36.

SECTION 3 SEVERABILITY

If any provision of this Ordinance or the application to any person or circumstances is held invalid, the remainder of the Ordinance or the application of such provisions to other persons or other circumstances shall not be affected.

SECTION 4 EFFECTIVE DATE

A summary of the changes to this Ordinance shall be published once in the Argus, a newspaper of general circulation published in the UNION SANITARY DISTRICT, and shall take effect sixty days thereafter.

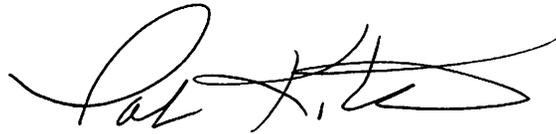
On Motion duly made and seconded, this Ordinance was adopted by the following vote on June 24, 2013.

AYES: Fernandez, Handley, Kite, Lathi

NOES: ----

ABSENT: Toy

ABSTAIN: ----



President, Board of Directors
UNION SANITARY DISTRICT

ATTEST:



Secretary, Board of Directors
UNION SANITARY DISTRICT

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Richard Currie
*General Manager/
District Engineer*

David M. O'Hara
Attorney

DATE: February 18, 2014

MEMO TO: Board of Directors - Union Sanitary District

FROM: Richard B. Currie, General Manager/District Engineer
Sami Ghossain, Manager of Technical Services
Rollie Arbolante, CST Coach
Al D. Bunyi, Associate Engineer

SUBJECT: Agenda Item No. 8 - Meeting of February 24, 2014
Resolution No. _____ Accepting a 0.80 Acre Property and Access
Easement from Old Republic Title Company

Recommendation

Adopt a Resolution to accept the grant deed from Old Title Republic Company for a 0.80-acre property and access easement for a future pump station near Ardenwood Blvd. and Alameda Creek.

Background

The District owns a 33-inch diameter gravity sewer pipe that traverses the Old Republic Title Company property near Ardenwood Boulevard in the City of Fremont and crosses the Alameda Creek Flood Control Channel into the City of Union City. A location map is attached. The vitrified clay pipe sewer was constructed in 1978 under the low flow channel, but due to scouring of the channel bottom over time, the pipe was occasionally exposed during periods of low flow and low tides. To protect the integrity of the sewer and the environmental safety of the creek, the District employed stability efforts consisting of placing rock support for the exposed sewer in the area of the low flow channel in 2006. Additionally, the sewer was lined with cured-in-place pipe in 2008.

The State Regional Water Control Board and the National Oceanographic and Atmospheric Association (NOAA) have raised concerns about the sewer acting as an impediment to upstream fish migration in the future. Should attempts to obtain approval for alternative methods to safeguard the sewer within the creek fail, it may be

necessary to construct a deeper pipeline and a pump station to transport the waste water from the existing 33-inch sewer across the creek.

The Old Republic Title Company is the holding agent for the Patterson family, who owns property adjacent to the Alameda Creek Flood Control Channel. The Patterson family has offered to donate a 0.80 acre parcel of land to the District for this future pump station in addition to a 15-foot wide, 784-foot long access easement that provides safer access to the property for the District.

The Old Republic Title Company has provided grant deeds for the pump station site and the access easement. Staff has reviewed the documents and recommends approval.

RBC/SG/RA/AB;ks

Attachments: Resolution
 Grant Deed and Access Easement
 Location Map

RESOLUTION NO. _____**ACCEPTING A 0.80 ACRE PROPERTY AND ACCESS EASEMENT FROM
OLD REPUBLIC TITLE COMPANY**

RESOLVED, by the Board of Directors of UNION SANITARY DISTRICT that, it hereby accepts the Grant Deed Pump Station Site from OLD REPUBLIC TITLE COMPANY, a California Corporation executed on February 18, 2014 described in the Grant Deed and by the legal description attached as Exhibit C and the accompanying plat map.

AND, it also hereby accepts the Grant of Easement for Pump Station Access Purposes from OLD REPUBLIC TITLE COMPANY, a California Corporation executed on February 18, 2014 described in the Grant of Easement for Pump Station Purposes and by the legal description attached as Exhibit D and the accompanying plat map.

On motion duly made and seconded, this resolution was adopted by the following vote on February 24, 2014:

AYES:

NOES:

ABSENT:

ABSTAIN:

ANJALI LATHI
President, Board of Directors
Union Sanitary District

Attest:

JENNIFER TOY
Secretary, Board of Directors

Recording requested by and when recorded

Mail to: **Union Sanitary District:**

Care of District Legal Counsel

David M. O'Hara

Attorney at Law

975 Centennial Drive

Brentwood, CA 94513

Grantee hereby declares: This instrument is exempt from recording fees (Government Code sec. 27183) and from documentary transfer tax (R&T Code Sec. 11922, conveyance to governmental entity).

GRANT DEED

Old Republic Title Company, a California corporation, as successor in interest to Founders Title Company and Title Insurance and Trust Company under Holding Agreement dated February 25, 1983, identified as Holding Agreement No. 314999

To

Union Sanitary District

Dated, November 11, 2013

David M. O'Hara

Legal Counsel

Union Sanitary District

USD

GRANT DEED

PUMP STATION SITE

THIS INDENTURE, made this 18th day of February 2014, by and between Old Republic Title Company, a California corporation, as successor in interest to Founders Title Company and Title Insurance and Trust Company under Holding Agreement dated February 25, 1983, identified as Holding Agreement No. 314999, the Party/Parties of the First Part, and Union Sanitary District, the Party/Parties of the Second Part,

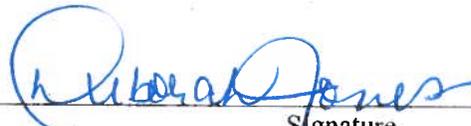
WITNESSETH:

That said Party/Parties of the First Part does hereby grant in fee to the Party of the Second Part and to its successors and assigns forever, the Sanitary Sewer Pump Station Site, hereinafter described, located in the City of Fremont, County of Alameda, State of California:

See Exhibit "C"

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

Old Republic Title Company, a California corporation, as successor in interest to Founders Title Company and Title Insurance and Trust Company under Holding Agreement dated February 25, 1983, identified as Holding Agreement No. 314999.

By: 
Signature

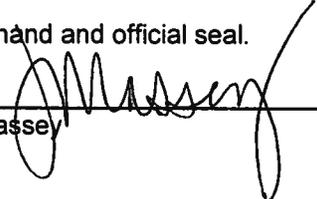
By: DEBORAH JONES, VICE PRESIDENT
(Print or type name and title of Signatory)
Party/Parties of the First Part

State of California
County of Alameda

On February 18, 2014 before me, Julie Massey, Notary Public, personally appeared Deborah Jones 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: 
Name: Julie Massey

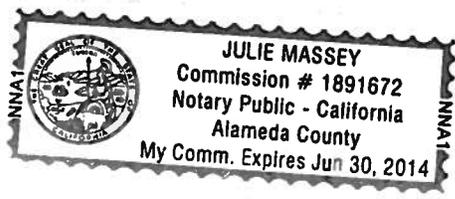


EXHIBIT C

**SANITARY SEWER PUMP STATION SITE
TO BE CONVEYED TO UNION SANITARY DISTRICT**

ALL THAT REAL PROPERTY SITUATED IN THE CITY OF FREMONT, COUNTY OF ALAMEDA, STATE OF CALIFORNIA BEING A PORTION OF PARCEL 6, AS DESCRIBED IN DOCUMENT NO. 85-236089, ALAMEDA COUNTY RECORDS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE MOST NORTHERLY CORNER OF SAID PARCEL 6, THENCE ALONG THE NORTHWESTERLY LINE OF SAID PARCEL 6, ALONG A NON-TANGENT CURVE TO THE RIGHT, FROM WHICH THE RADIUS POINT BEARS, NORTH 55°53'06" WEST, HAVING A RADIUS OF 2200.00 FEET, THROUGH A CENTRAL ANGLE OF 00°15'38" AND AN ARC LENGTH OF 10.01 FEET, TO THE **TRUE POINT OF BEGINNING**, OF THE HEREIN DESCRIBED PARCEL;

THENCE CONTINUING ALONG SAID NORTHWESTERLY LINE, ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 2200.00 FEET, THROUGH A CENTRAL ANGLE OF 02°17'33" AND AN ARC LENGTH OF 88.03 FEET;

THENCE LEAVING SAID NORTHWESTERLY LINE, AND ENTERING SAID PARCEL 6, THE FOLLOWING FIVE (5) COURSES:

1. SOUTH 10°37'51" EAST, 168.01 FEET;
2. SOUTH 46°11'58" EAST, 69.62 FEET;
3. NORTH 43°48'02" EAST, 208.12 FEET;
4. NORTH 46°11'58" WEST, 34.47 FEET;
5. THENCE NORTH 53°23'33" WEST, 185.96 FEET, TO THE **POINT OF BEGINNING**.

CONTAINING 0.80 ACRES MORE OR LESS.

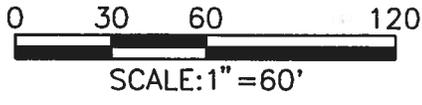
PORTION OF APN 543-0439-003-02

PREPARED BY

Mark H. Wehber 5/10/13

MARK WEHBER
LICENSED LAND SURVEYOR NO. 7960
(EXP 03/31/14)
STATE OF CALIFORNIA





CRANDALL CREEK

ARDENWOOD BOULEVARD

SANITARY SEWER
PUMP STATION SITE
0.80 AC±

PARCEL 6
DOC. No. 85-236089

PARCEL 6
DOC. No. 85-236089

PARCEL 4
PARCEL MAP 4102
143 PM 22

R=2200.00'
Δ=00°15'38"
L=10.01'

R=2200.00'
Δ=2°17'33"
L=88.03'

N53°19'55"W(R)
S10°37'51"E
168.01'

N55°37'28"W(R)
185.96'

N53°23'33"W
185.96'

N46°11'58"W
34.47'

S46°11'58"E
69.62'

N43°48'02"E
208.12'

LEGEND

- BOUNDARY OF DESCRIPTION
- - - - - EXISTING PARCEL
- DOC. No. DOCUMENT NUMBER
- P.O.C. POINT OF COMMENCEMENT
- P.O.B. POINT OF BEGINNING

PLAT TO ACCOMPANY DESCRIPTION			
SANITARY SEWER PUMP STATION SITE TO BE CONVEYED TO UNION SANITARY DISTRICT			
FREMONT			CALIFORNIA
Mackay & Somps			
ENGINEERS	PLANNERS	SURVEYORS	
5142B FRANKLIN DR, PLEASANTON, CA 94588		(925)225-0690	
DRAWN	DATE	SCALE	JOB NO.
GCC	FEBRUARY, 2012	1"=60'	15427-0

Recording Requested by:

Union Sanitary District

When recorded mail to:

Care of District Legal Counsel

David M. O'Hara

Attorney at Law

975 Centennial Drive

Brentwood, CA 94513

Certificate of Acceptance

This is to certify that pursuant to Resolution _____ adopted by the Board of Directors of Union Sanitary District, on _____, 2014, the Sanitary Sewer Pump Station Site from Old Republic Title Company, a California corporation, as successor in interest to Founders Title Company and Title Insurance and Trust Company under Holding Agreement dated February 25, 1983, identified as Holding Agreement No. 314999, dated November 11, 2013, to Union Sanitary District, was accepted, and the District consents to the recordation of the Grant Deed.

Dated: _____

David M. O'Hara
DISTRICT Legal Counsel
Union Sanitary District

No fee for this service is payable by the public agency requesting recordation pursuant to Government Code Sections 6103 & 27283.

Recording requested by and when recorded

Mail to: **Union Sanitary District:**

Care of District Legal Counsel

David M. O'Hara

Attorney at Law

975 Centennial Drive

Brentwood, CA 94513

Grantee hereby declares: This instrument is exempt from recording fees (Government Code sec. 27183) and from documentary transfer tax (R&T Code Sec. 11922, conveyance to governmental entity).

GRANT OF PUMP STATION ACCESS EASEMENT

Old Republic Title Company, a California corporation, as successor in interest to Founders Title Company and Title Insurance and Trust Company under Holding Agreement dated February 25, 1983, identified as Holding Agreement No. 314999

To

Union Sanitary District

Dated, November 8, 2013

David M. O'Hara

Legal Counsel

Union Sanitary District

USD

GRANT OF EASEMENT

FOR PUMP STATION ACCESS PURPOSES

THIS INDENTURE, made this 18th day of February 2014, by and between Old Republic Title Company, a California corporation, as successor in interest to Founders Title Company and Title Insurance and Trust Company under Holding Agreement dated February 25, 1983, identified as Holding Agreement No. 314999, 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 Pump Station Access Easement, hereinafter described, located in the City of Fremont, County of Alameda, State of California:

See Exhibit "D"

Together with the right and privilege of constructing, reconstructing, cleaning, repairing and maintaining an access road at any time, 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 and contractors, along, upon, over, in, through and across said right of way; together with the right of access to said right of way from the nearest public street.

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

Old Republic Title Company, a California corporation, as successor in interest to Founders Title Company and Title Insurance and Trust Company under Holding Agreement dated February 25, 1983, identified as Holding Agreement No. 314999.

By: Deborah Jones
Signature

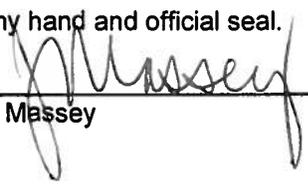
By: DEBORAH JONES, VICE PRESIDENT
(Print or type name and title of Signatory)
Party/Parties of the First Part

State of California
County of Alameda

On February 18, 2014 before me, Julie Massey, Notary Public, personally appeared Deborah Jones 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: 
Name: Julie Massey

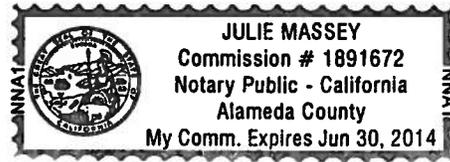


EXHIBIT D

**15' WIDE ACCESS EASEMENT TO BE
CONVEYED TO UNION SANITARY DISTRICT**

ALL THAT REAL PROPERTY SITUATED IN THE CITY OF FREMONT, COUNTY OF ALAMEDA, STATE OF CALIFORNIA BEING A PORTION OF PARCEL 6, AS DESCRIBED IN DOCUMENT NO. 85-236089, ALAMEDA COUNTY RECORDS, BEING A 15' WIDE ACCESS EASEMENT MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE MOST NORTHERLY CORNER OF SAID PARCEL 6, THENCE ALONG THE NORTHWESTERLY LINE OF SAID PARCEL 6, ALONG A NON-TANGENT CURVE TO THE RIGHT, FROM WHICH THE RADIUS POINT BEARS, NORTH 55°53'06" WEST, HAVING A RADIUS OF 2200.00 FEET, THROUGH A CENTRAL ANGLE OF 02°33'11" AND AN ARC LENGTH OF 98.04 FEET;

THENCE LEAVING SAID NORTHWESTERLY LINE, AND ENTERING SAID PARCEL 6, SOUTH 10°37'51" EAST, 168.01 FEET TO THE **TRUE POINT OF BEGINNING**;

THENCE CONTINUING IN SAID PARCEL 6, THE FOLLOWING EIGHT (8) COURSES;

1. SOUTH 10°37'51" EAST, 393.43 FEET;
2. SOUTH 41°24'25" EAST, 84.42 FEET;
3. NORTH 76°39'02" EAST, 330.14 FEET;
4. ALONG A NON-TANGENT CURVE TO THE LEFT, FROM WHICH THE RADIUS POINT BEARS, SOUTH 76°03'09" WEST, HAVING A RADIUS OF 1112.00 FEET, THROUGH A CENTRAL ANGLE OF 0°46'23" AND AN ARC LENGTH OF 15.00 FEET;
5. SOUTH 76°39'02" WEST, 320.88 FEET;
6. NORTH 41°24'25" WEST, 71.29 FEET;
7. NORTH 10°37'51" WEST, 368.33 FEET;
8. THENCE NORTH 46°11'58" WEST, 25.79 TO THE **POINT OF BEGINNING**.

CONTAINING 0.27 ACRES MORE OR LESS.

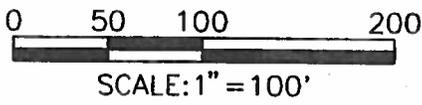
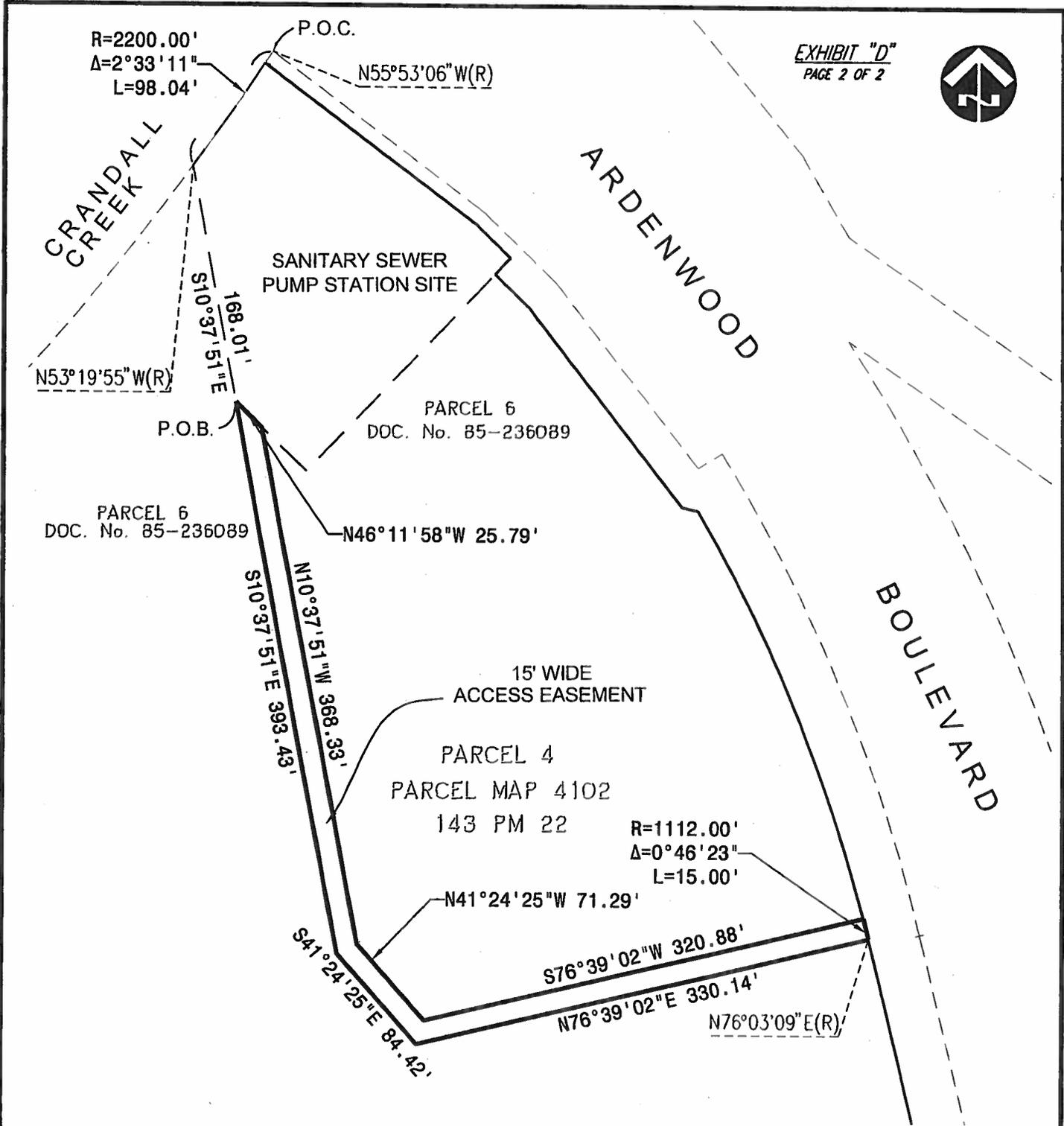
PORTION OF APN 543-0439-003-02

PREPARED BY

 12/5/13

MARK WEHBER
LICENSED LAND SURVEYOR NO. 7960
(EXP 03/31/14)
STATE OF CALIFORNIA





LEGEND

- BOUNDARY OF DESCRIPTION
- FUTURE PARCEL LINE
- EXISTING LOT LINE
- FUTURE RIGHT OF WAY LINE
- DOC. No. DOCUMENT NUMBER
- P.O.B. POINT OF BEGINNING
- P.O.C. POINT OF COMMENCEMENT

PLAT TO ACCOMPANY DESCRIPTION			
ACCESS EASEMENT TO BE CONVEYED TO UNION SANITARY DISTRICT			
FREMONT			CALIFORNIA
MACKAY & SOMPS			
ENGINEERS	PLANNERS	SURVEYORS	
5142B FRANKLIN DR, PLEASANTON, CA 94588		(925)225-0690	
DRAWN	DATE	SCALE	JOB NO.
MHW	OCTOBER 2013	1" = 100'	15427.000

Recording Requested by:

Union Sanitary District

When recorded mail to:

Care of District Legal Counsel

David M. O'Hara

Attorney at Law

975 Centennial Drive

Brentwood, CA 94513

Certificate of Acceptance

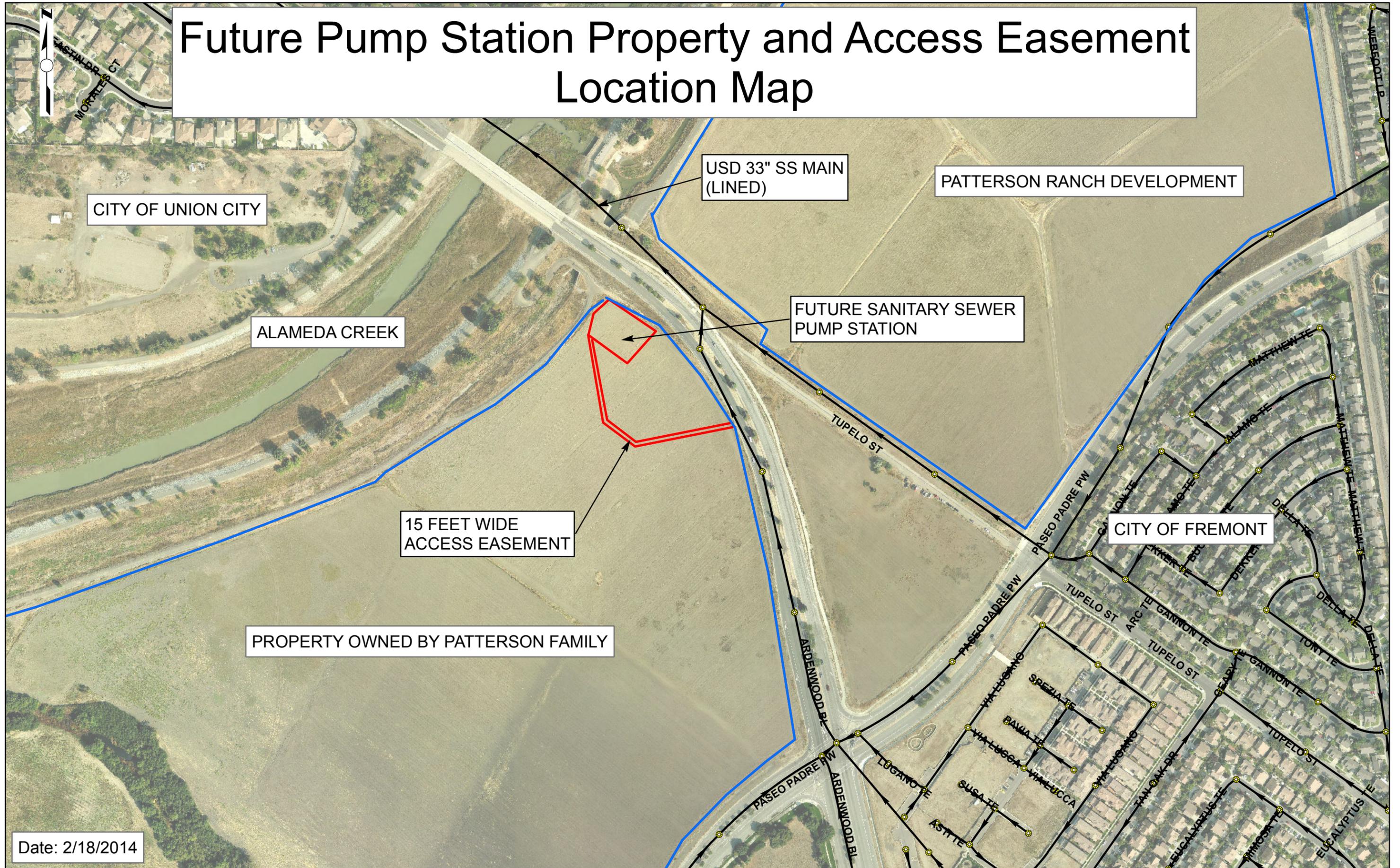
This is to certify that pursuant to Resolution _____ adopted by the Board of Directors of Union Sanitary District, on _____, 2014, the Sanitary Sewer Pump Station Site from Old Republic Title Company, a California corporation, as successor in interest to Founders Title Company and Title Insurance and Trust Company under Holding Agreement dated February 25, 1983, identified as Holding Agreement No. 314999, dated November 11, 2013, to Union Sanitary District, was accepted, and the District consents to the recordation of the Grant Deed.

Dated: _____

**David M. O'Hara
DISTRICT Legal Counsel
Union Sanitary District**

No fee for this service is payable by the public agency requesting recordation pursuant to Government Code Sections 6103 & 27283.

Future Pump Station Property and Access Easement Location Map



CITY OF UNION CITY

USD 33" SS MAIN (LINED)

PATTERSON RANCH DEVELOPMENT

ALAMEDA CREEK

FUTURE SANITARY SEWER PUMP STATION

15 FEET WIDE ACCESS EASEMENT

PROPERTY OWNED BY PATTERSON FAMILY

CITY OF FREMONT

Date: 2/18/2014



Directors
 Manny Fernandez

 Pat Kite

 Anjali Lathi

 Jennifer Toy

 Tom Handley

Officers
 Richard B. Currie
*General Manager
 District Engineer*

 David M. O'Hara
Attorney

DATE: February 18, 2014

MEMO TO: Board of Directors - Union Sanitary District

FROM: Richard B. Currie, General Manager/District Engineer
 David Livingston, Operations Manager, T&D Work Group
 Judi Berzon, HR Administrator, Business Services Work Group
 Pat O'Neal, HR Analyst, Business Services Work Group

SUBJECT: Agenda Item No. 9 - Meeting of February 24, 2014
 Action Item: **Senior Process Engineer Class Description and Salary**

Recommendation:

Approve the class description and salary recommendation.

Background:

Process Engineer is one of the new positions identified by staff and presented to the Board in FY13. During the development of the class description it became evident that the level of experience and the skill set desired for this position was equivalent to that of Senior Engineer at USD. Therefore, the class description has been developed as Senior Process Engineer.

The Senior Process Engineer position will help to further optimize current and future plant operations by analyzing data, managing studies, piloting new technologies and facilitating the start-up of new processes and equipment. Projects that the Senior Process Engineer will work on include mining the abundant data collected by the plant SCADA system and recommending adjustments to improve efficiency in chemical and energy usage; spearheading a corrosion and odor control study for the collection system and influent forcemain system; and evaluating side stream treatment processes for nutrient removal. This position will serve as the District's Energy Champion and determine how to best operate the new co-generation facility and maximize the District's return on this investment. The Senior Process Engineer will also facilitate the process of taking new facilities and equipment from initial start-up to routine operation.

Agenda Item No. 9
Meeting of February 24, 2014
Page 2

The recommended salary for this position is equivalent to that of Senior Engineer at \$104,000 to \$136,000 annually. Six months' funding for this position was included in the current FY14 budget that was previously approved by the Board.

The class description is attached.

Senior Process Engineer

Description

Under general supervision in a team environment, the Senior Process Engineer performs a wide variety of complex process engineering work supporting all operational aspects of a 33 million gallon per day wastewater treatment plant; utilizes a variety of office and specialized engineering software and applies statistical techniques in the interpretation of data to determine the treatment plant efficiency and propose operational adjustments needed; analyzes plant energy production and usage data and recommends strategies for maximizing energy efficiency. This position collaborates with operations, maintenance, engineering, laboratory and management staff to troubleshoot and resolve complex process-related problems.

The Senior Process Engineer keeps informed of changing wastewater, biosolids and air regulations, treatment standards and techniques, assesses the impacts of these changes on treatment plant operation and costs, provides recommendations to operations, engineering and management, assists in the prioritization of capital improvement projects for the treatment plant; and assists in the budget preparation process.

The Senior Process Engineer performs research, conducts pilot studies and provides engineering design and oversight of minor construction projects associated with the evaluation, optimization and start-up of facilities; reviews engineering plans and specifications during project design and implementation, and provides analysis and technical recommendations to management and engineering staff; performs consultant selection and manages studies and small engineering projects as required; prepares reports, data summaries and grant applications; represents the District at professional association activities and presents results of research, process and optimization projects at key industry conferences.

This classification exercises significant decision-making authority and requires a high degree of independent judgment. Senior Process Engineer is alternately staffed with Principal Process Engineer, depending on the needs for this position and based upon workload at the District.

Examples of Duties

- Manage process and energy research projects and special studies dealing with all aspects of wastewater treatment including collection systems.
- Conduct internal research studies to evaluate treatment plant performance, analyze operational anomalies, prepare reports and make presentations to management, USD's Board of Directors and others.
- Devise experiments to determine the applicability and effectiveness of new chemicals, products or technologies. Provide a report of results and recommendation to management. Conduct pilot and full scale process testing.

- Act as start-up engineer to oversee the transition of new facilities from the construction phase through their incorporation as routine operating facilities, including testing, operator training and facility optimization. Develop standard operating procedures and operator competency requirements. Modify or update operating manuals.
- Evaluate unit processes and operations and recommend adjustments for increased efficiency or performance. Perform cost/benefit analysis.
- Assist operations in troubleshooting treatment plant problems, document investigation results, and make recommendations to management.
- Work with operations and laboratory staff to implement and evaluate process modifications.
- Select consultants, and oversee and manage consultant contracts.
- Review plans and specifications for wastewater operations and maintenance projects and provide comments to project engineers.
- Review treatment plant operational data and determine compliance with permit conditions, e.g., calculating thermal input to evaluate compliance with Air Board requirements for cogeneration.
- Perform computerized modeling of the activated sludge system and secondary clarifiers.
- Review plant power production and usage and recommend a cogeneration strategy.
- Act as the District's energy efficiency champion. Review Plant energy bills and rate schedules, research alternative schedules, rules and regulations governing third party suppliers for natural gas and energy and make recommendations to management regarding the most efficient procurement of energy for the District.
- Prepare applications for grants and rebates from PG&E and others.
- Prepare regulatory reports as needed. For example, prepare and submit the EIA-923 to the Department of Energy.

Incumbents will perform any other duties that are appropriate for the scope and level of responsibility of this classification.

QUALIFICATIONS:

Education and Experience:

Any combination of education and experience that provides the knowledge, skills, and abilities indicated below. A typical way of gaining the knowledge, skills, and abilities is:

- A Bachelor's degree with major coursework in civil or environmental engineering, or a closely related field, and a minimum of ten years increasingly responsible experience related to treatment plant process engineering, at a wastewater treatment plant. Energy management expertise is highly desirable. At the discretion of the hiring manager, an advanced degree can be substituted for up to three years of the engineering requirement. Advanced degrees include a

Master of Science degree or Ph.D. in Environmental Engineering or other closely related field. Master of Science or Ph.D. is highly desirable for this position.

Knowledge of: Principles of physical, biological, and chemical wastewater treatment processes, including regulatory requirements for liquid, solids, and air process, NPDES, air emissions, and solids disposal; engineering mathematics, economics, and principles of statistical analysis; process control principles and methods and the range of equipment used in their application; principles of analytical chemistry and applications in a water quality laboratory; civil and sanitary engineering principles, practices, and methods; methods and techniques used in design and construction as applied to planning, pilot facility design and construction, cost estimation; construction start-up and performance testing for wastewater treatment facilities; applicable federal, state, and local laws and regulatory codes relevant to wastewater system design, construction, and plant operations; principles and practice of supervision; project management and contract administration principles; pertinent safety standards and practices including applicable OSHA safety standards.

Skill in: Analyzing complex civil, sanitary and /or environmental engineering data and reports and drawing sound conclusions; devising experiments and process testing plans to evaluate unit processes and operations or troubleshoot problems; conducting, evaluating, and reviewing the results of engineering investigations and studies including cost estimates and design specifications for conformance with sound engineering principles and practices; preparing plans, designs, sketches, estimates, and draft specifications for wastewater process studies and treatment facility improvements; conducting plant operations and economic studies; preparing clear, concise, and accurate reports and correspondence; managing consultant studies and design projects; coordinating, communicating and planning work with other workgroups; supervising staff in the field during process studies, process modifications, or the evaluation of newly constructed improvements; modeling wastewater treatment operations and processes using a variety of microcomputer based methods; and negotiating power purchase and sales agreements with PG&E and other organizations.

Ability to: Inspect plant facilities and recognize inefficient, unusual, or dangerous operating conditions; exercise sound judgment in emergency situations; oversee, evaluate, and train staff; interpret process control tests and recommend actions to plant operations or management; make complex engineering computations; adapt and apply new technology to the treatment of wastewater; abide by District and OSHA safety precautions and standards; coordinate a variety of activities both within the work group and with other work groups; understand, carry out and provide oral and written instructions in English; make effective oral reports and presentations.

Interpersonal Effectiveness: Ability to work effectively in a team-based organization; communicate clearly and concisely, both orally and in writing; deal tactfully and effectively with representatives of regulatory and other governmental agencies, professional services consultants, contractors, customers, District staff, and peers; and

demonstrate effective leadership, problem-solving, and two-way communication skills, including the ability to listen, explain, facilitate, ask for input, and provide recognition and encouragement.

Licenses, Certificates, or Credentials: Must possess a valid Class C California driver's license, have and maintain a satisfactory driving record, and be insurable by the District to operate District vehicles. Must possess California registration as a Professional Engineer. Possession of a California SWRCB Wastewater Operator Certificate is desirable.

Other Requirements: Must possess the physical characteristics to perform the critical and important duties of the class. Must be willing to work outdoors in a variety of weather conditions and work overtime, nights and weekends as needed.

ADDITIONAL INFORMATION:

Disaster Service Worker

Employees of Union Sanitary District are, by State and Federal law, Disaster Service Workers. In the event of a declaration of emergency, any employee may be assigned activities that promote the protection of public health and safety or the preservation of lives and property, either at the District or within the local or their own community.

**UNION SANITARY DISTRICT
CHECK REGISTER
01/18/2014-01/31/2014**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
152999	1/23/2014	2862	EAST BAY DISCHARGERS AUTHORITY	O&M ASSESSMENT, JAN-MAR 2014	\$266,626.96	\$266,626.96
153058	1/30/2014	2951	DW NICHOLSON CORP	LIFT STATION #1 IMPROVEMENTS	\$40,867.76	\$175,704.11
	1/30/2014	2959		MCC REPLACEMENT - PHASE 2	\$134,836.35	
153041	1/23/2014	2024666	WEST YOST & ASSOCIATES	MISC SS SPOT REPAIRS PHASE V	\$44,954.85	\$82,259.64
	1/23/2014	2024536		UPPER HETCH HECTCHY SS REHABILITATION	\$37,304.79	
152993	1/23/2014	2012025141	COVELLO GROUP INC	HEADWORKS AND EMERGENCY OUTFALL IMPROV	\$10,300.00	\$68,663.79
	1/23/2014	201300810		COGENERATION PROJECT	\$45,444.29	
	1/23/2014	20130175		THICKENER CONROL BUILDING IMPROVEMENTS PHASE II	\$4,665.50	
	1/23/2014	201002239		PRIMARY CLARIFIERS 1 - 4 REHABILITATION	\$1,256.00	
	1/23/2014	2012025142		RAS PUMP STATION IMPROVEMENTS	\$6,186.00	
	1/23/2014	201103323		THICKENER 3 AND 4 REHABILITATION	\$812.00	
153079	1/30/2014	1242	QUANTUM RESOLVE INC	HANSEN 8 UPGRADE	\$35,600.00	\$35,600.00
153008	1/23/2014	32698US06A	INFOR PUBLIC SECTOR, INC	HANSEN 8 ANNUAL SUPPORT AND MAINT.	\$34,019.89	\$34,019.89
153019	1/23/2014	170120140109	PACIFIC GAS AND ELECTRIC	SERV TO 12/19/13 PLANT	\$30,664.39	\$30,664.39
152991	1/23/2014	21966	CDW GOVERNMENT LLC	MAINT & UPDATES QUANTUM DXI6701	\$21,582.00	\$21,582.00
153000	1/23/2014	2013144	FARALLON GEOGRAPHICS INC	PLANT GIS IMPROVEMENTS	\$14,320.00	\$14,320.00
153088	1/30/2014	901542202	SIEMENS WATER TECHNOLOGIES LLC	DI WATER SYSTEM	\$231.00	\$11,828.71
	1/30/2014	901530954		2,498 GALS HYDROGEN PEROXIDE	\$11,597.71	

**UNION SANITARY DISTRICT
CHECK REGISTER
01/18/2014-01/31/2014**

USD

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
153074	1/30/2014	9017370610	KEMIRA WATER SOLUTIONS, INC.	7.38 DRY TONS FERROUS CHLORIDE	\$4,979.35	\$9,884.49
	1/30/2014	9017369951		7.27 DRY TONS FERROUS CHLORIDE	\$4,905.14	
153067	1/30/2014	1112648	HANSON BRIDGETT	LEGAL SERVICES - PERSABILITY OF UNCLASS COMP PLAN	\$2,255.85	\$9,664.20
	1/30/2014	1112650		LEGAL SERVICES - PERSABILITY OF UNCLASS COMP PLAN	\$7,108.65	
	1/30/2014	1103042		LEGAL SERVICES - PERSABILITY OF UNCLASS COMP PLAN	\$299.70	
153038	1/23/2014	733133	VALLEY OIL COMPANY	1,200 GALS CARB DYED DIESEL FUEL	\$4,564.92	\$7,957.30
	1/23/2014	25673		5 DRS XLD 15/40 OIL	\$3,392.38	
153044	1/30/2014	4071036120140115	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 01/15/14-BENSON ROAD	\$7,385.17	\$7,720.87
	1/30/2014	4071037120140115		SERV TO: 01/15/14-BENSON ROAD	\$281.84	
	1/30/2014	4071038120140115		SERV TO: 01/15/14-BENSON ROAD	\$53.86	
153036	1/23/2014	594162	UNIVAR USA INC	5,032 GALS SODIUM HYPOCHLORITE	\$2,367.12	\$7,026.07
	1/23/2014	593980		5,013 GALS SODIUM HYPOCHLORITE	\$2,358.17	
	1/23/2014	594154		4,891 GALS SODIUM HYPOCHLORITE	\$2,300.78	
153045	1/30/2014	129096	ALFA LAVAL ASHBROOK SIMON-HART	GBT TECHNICAIN SITE VISIT	\$5,515.62	\$5,515.62
152990	1/23/2014	6791	CATELLUS MIXED LAND, LLC	REFUND # 16870	\$5,415.00	\$5,415.00
153072	1/30/2014	19276	IEDA INC	LABOR RELATIONS CONSULTING 1/1/14 - 3/31/14	\$5,305.00	\$5,305.00
153009	1/23/2014	9017369559	KEMIRA WATER SOLUTIONS, INC.	7.55 DRY TONS FERROUS CHLORIDE	\$5,094.06	\$5,094.06
153033	1/23/2014	2405	CITY OF UNION CITY	2014 HAZ MAT FEES, PERMIT FEES	\$4,900.00	\$4,900.00
153081	1/30/2014	17288	RMC WATER AND ENVIRONMENT	IRVINGTON BASIN SEWER MASTER PLAN UPDATE	\$4,795.00	\$4,795.00

**UNION SANITARY DISTRICT
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Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
153094	1/30/2014	595510	UNIVAR USA INC	5,051 GALS SODIUM HYPOCHLORITE	\$2,376.05	\$4,730.94
	1/30/2014	594795		5,006 GALS SODIUM HYPOCHLORITE	\$2,354.89	
153021	1/23/2014	850899	POLYDYNE INC	41,300 LBS CLARIFLOC WE-539	\$4,703.24	\$4,703.24
152981	1/23/2014	502	AUTOMATED NETWORK CONTROLS	HEADWORKS AND EMERGENCY OUTFALL IMPROVEMENTS	\$3,321.28	\$4,601.43
	1/23/2014	503		SCADA / PLC PROGRAMMING SERVICES	\$1,280.15	
153022	1/23/2014	131230	PROSAFE	40 HRS INSPECTIONS & 2 HRS SPCC	\$4,200.00	\$4,200.00
152983	1/23/2014	301227	BAY AREA BARRICADE SERVICE INC	250 CONES FRO CS & MTV	\$3,969.38	\$3,969.38
153032	1/23/2014	130628	TOTAL WASTE SYSTEMS INC	DECEMBER 2013 GRIT DISPOSAL	\$3,901.34	\$3,901.34
152989	1/23/2014	132125	CAROLLO ENGINEERS	2011-2012 ON-CALL SERVICES	\$2,047.70	\$3,716.56
	1/23/2014	132389		HEADWORKS AND EMERGENCY OUTFALL IMPROVEMENTS	\$1,668.86	
153029	1/23/2014	20131231	STATE BOARD OF EQUALIZATION	SALES & USE TAX 10/13-12/13	\$3,345.00	\$3,345.00
153096	1/30/2014	30808	WECO INDUSTRIES LLC	12 CONCAVE ROOT SAW HEAVY DUTY	\$1,791.27	\$3,304.24
	1/30/2014	30801		6 LOOP, LIFTING, WEBBING	\$58.22	
	1/30/2014	30812		REPAIR OF OZIII CAMERA	\$595.81	
	1/30/2014	30813		REPAIR TRUCK T2371	\$858.94	
152979	1/23/2014	6684	BHUPEN AMIN	REFUND # 16878	\$3,300.00	\$3,300.00
153051	1/30/2014	11207254	BROWN & CALDWELL CONSULTANTS	WASTEWATER EQUALIZATION STORAGE FACILITIES STUDY	\$3,280.82	\$3,280.82
153057	1/30/2014	243986	CURTIS & TOMPKINS LTD	10 LAB SAMPLE ANALYSIS	\$160.00	\$3,220.00
	1/30/2014	244071		109 LAB SAMPLE ANALYSIS	\$3,060.00	

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Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
153046	1/30/2014	5089707	ALL INDUSTRIAL ELECTRIC SUPPLY	4 APC SMART-UPS	\$2,930.22	\$2,930.22
152978	1/23/2014	4017274120140106	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 12/31/13 - FREMONT BLVD	\$2,509.16	\$2,509.16
152998	1/23/2014	3688294	DWYER INSTRUMENTS, INC.	8 VA15419 GLASS FLOWMETER,27.9 SCFH	\$2,295.89	\$2,295.89
152987	1/23/2014	376959	BRENNTAG PACIFIC, INC.	3846 LBS SODIUM HYDROXIDE	\$2,075.12	\$2,075.12
153017	1/23/2014	7188	MOUNTAIN CASCADE INC	REFUND # 16886	\$1,000.00	\$2,000.00
	1/23/2014	7182		REFUND # 16877	\$1,000.00	
152976	1/23/2014	38140	AIR & LUBE SYSTEMS INC	FUEL MANAGEMENT SYSTEM UPGRADE	\$1,980.00	\$1,980.00
153073	1/30/2014	200158306	IRON MOUNTAIN	DATA/MEDIA OFF-SITE STORAGE - DEC 2013	\$224.85	\$1,866.25
	1/30/2014	6906		OFF-SITE STORAGE AND SERVICES, DEC 2013	\$1,354.12	
	1/30/2014	8935		OFF-SITE STORAGE AND SERVICES, DEC 2013	\$287.28	
153080	1/30/2014	231045	RKI INSTRUMENTS INC	13 BATTERY SETS OF 2 CELLS W/HARDWARE	\$854.10	\$1,810.04
	1/30/2014	230839		116 BATTERIES	\$955.94	
153063	1/30/2014	72547	GORILLA METALS	ASTD STEEL FOR ARV PROJECT	\$1,697.12	\$1,724.37
	1/30/2014	72567		ASTD METAL, STEEL, STAINLESS, AND ALUMINUM	\$27.25	
153048	1/30/2014	3096	BAY AREA COATING CONSULTANT	COATING INSPECTION SERVICES FOR THE COGENERATION PROJECT	\$1,700.00	\$1,700.00
152984	1/23/2014	2722	BAY POWER LLC	6 CUMMINGS FILTER FOR GENERATORS	\$453.20	\$1,633.20
	1/23/2014	2715		SERVICE FOR GEN 2 SYNC ISSUE	\$1,180.00	
153059	1/30/2014	32269	EXECUTRAIN	ADVANCED CRYSTAL REPORTS	\$1,526.00	\$1,526.00
153077	1/30/2014	304001	PACHECO BROTHERS GARDENING INC	LANDSCAPE MAINTENANCE SERVICES JAN 2014	\$1,365.00	\$1,365.00

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153055	1/30/2014	81599	CONCRETE WALL SAWING CO INC	CORE DRILL AND SCAN 4' HOLE IN HEADWORKS	\$1,300.00	\$1,300.00
152988	1/23/2014	32630	CALCON SYSTEMS	EBDA AND HAYWARD MARSH FLOW METER CALIBRATION	\$1,150.00	\$1,150.00
153076	1/30/2014	20140123	DAVID M. O'HARA - REIMB	EXP REIMB: CASA WINTER CONF - INDIAN WELLS	\$1,130.26	\$1,130.26
153011	1/23/2014	20140122	KATHLEEN MARTIN	EXP REIMB: CAPPO CONFERENCE, SAN DIEGO	\$1,100.41	\$1,100.41
152996	1/23/2014	20131225.25	DALE HARDWARE INC	12/13 - ASTD PARTS & MATERIALS	\$1,071.16	\$1,071.16
153018	1/23/2014	304138	PACHECO BROTHERS GARDENING INC	WEED ABATEMENT WORK JANUARY 2014	\$1,055.00	\$1,055.00
152977	1/23/2014	9022930823	AIRGAS NCN	1 CYL ARGON	\$379.70	\$993.71
	1/23/2014	9915177436		CYLINDER RENTAL	\$614.01	
153093	1/30/2014	524790520	TELEPACIFIC COMMUNICATIONS	WIRELESS INTERNET BACKUP - JANUARY	\$960.00	\$960.00
153005	1/23/2014	20140122	SAMI GHOSSAIN	EXP REIMB: CASA WINTER CONF - PALM SPRINGS	\$924.21	\$924.21
153015	1/23/2014	140145	METROMOBILE COMMUNICATIONS INC	RADIO SERVICE AGREEMENT - JAN 2014	\$879.40	\$879.40
153054	1/30/2014	20131227	COMMUNICATION & CONTROL INC	UTILITY FEE/ANTENNA RENTAL	\$869.72	\$869.72
153043	1/30/2014	131201984	AIRTECH MECHANICAL INC	SERVICE CALL: BLDG 82 ROOM 102 NO HEATING	\$865.90	\$865.90
153066	1/30/2014	1426802	HANSON AGGREGATES INC	11.35 TONS 1/2 MED TYPE A	\$849.44	\$849.44
153064	1/30/2014	598291	GRANITE CONSTRUCTION COMPANY	10.11 TONS 1/2" HMA64-10R15	\$835.59	\$835.59
153086	1/30/2014	6462	RAMANDEEP SANDHU	REFUND # 16398	\$800.00	\$800.00

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153006	1/23/2014	9331885195	GRAINGER INC	1 EA ELECTRONIC TIMER, PROG	\$160.08	\$760.38
	1/23/2014	9321557309		1 EA PHEUMATIC REGULATOR	\$423.99	
	1/23/2014	9320933196		1 EA DUAL HEAD DRENCH HOSE	\$313.92	
	1/23/2014	9333897826		CREDIT FOR 1 EA ELECTRONIC TIMER, PROG	\$-160.08	
	1/23/2014	9315738832		1 EA COMPACT CONTACTOR	\$22.47	
153039	1/23/2014	537190	VINCENT ELECTRIC MOTOR CO	NPS PUMP 1 ELECTRICAL TESTING	\$742.50	\$742.50
153034	1/23/2014	39111	CITY OF UNION CITY	ANNUAL FIRE OPERATIONAL PERMIT	\$714.00	\$714.00
153082	1/30/2014	1072417	ROCHESTER MIDLAND CORPORATION	HOT WATER LOOP SERVICE	\$685.90	\$685.90
152994	1/23/2014	243878	CURTIS & TOMPKINS LTD	40 LAB SAMPLE ANALYSIS	\$660.00	\$660.00
153026	1/23/2014	2345949003	S & S SUPPLIES & SOLUTIONS	10 RAIN SUIT OVERALLS XL	\$207.27	\$658.63
	1/23/2014	2345949004		10 RAIN SUIT JACKET 2XL	\$451.36	
153092	1/30/2014	20021152	TELEDYNE ISCO INC	2 DISCHARGE TUBING 50' LENGTH	\$638.22	\$638.22
153035	1/23/2014	94810	UNITED CONTRACTORS	2014 ASSOCIATE DUES	\$617.00	\$617.00
153053	1/30/2014	31313	CLAREMONT BEHAVIORAL SERVICES	FEB 2014 EAP PREMIUM	\$607.20	\$607.20
153030	1/23/2014	12312013	STATE BOARD OF EQUALIZATION	STORAGE TANK MAINT FEE 2013	\$602.38	\$602.38
153002	1/23/2014	9388	FREMONT EXPRESS COURIER SVC	COURIER SERVICES: DEC 2013	\$570.00	\$570.00
152980	1/23/2014	5001474	AT&T	SERV: 12/01/13 - 12/31/13	\$566.31	\$566.31
153004	1/23/2014	79051	GHD INC	BOYCE ROAD LIFT STATION	\$553.37	\$553.37

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153014	1/23/2014	70861229	MCMaster SUPPLY INC	50 EA FLEXIBLE INTERLOCKING DRAINAGE FLOOR TILES	\$261.86	\$540.64
	1/23/2014	70703271		6 EA CULTIVATING/REFUSE HOOKS	\$196.63	
	1/23/2014	71017938		4 PACKS CONCRETE SCREWS	\$56.21	
	1/23/2014	71458216		2 EA RUBBER HOSE STOPS	\$25.94	
153024	1/23/2014	8200000007102	RED WING SHOE STORE	SAFETY SHOES - FMC & CS	\$522.59	\$522.59
152982	1/23/2014	20140116	IRMA REGINA BASTIAN	TUITION REIMBURSEMENT FALL SEMESTER 2013	\$232.00	\$520.13
	1/23/2014	20140116.1		TUITION REIMBURSEMENT FALL SEMESTER 2013	\$288.13	
153047	1/30/2014	2521757976	BANK OF NEW YORK	DECEMBER 2013 SERVICE FEE	\$514.41	\$514.41
153010	1/23/2014	9323	LOOKINGPOINT INC	MONTHLY PREMIER SUPPORT - JAN 2014	\$500.00	\$500.00
153012	1/23/2014	7016	RAUL MARTINEZ	REFUND # 16885	\$500.00	\$500.00
153089	1/30/2014	7197	SOLUTION PLUMBING & DRAIN SERV	REFUND # 16900	\$500.00	\$500.00
153090	1/30/2014	7178	STREAMLINE PLUMBING & DRAIN	REFUND # 16897	\$500.00	\$500.00
153052	1/30/2014	43309	CITYLEAF INC	PLANT MAINTENANCE - JAN 2014	\$498.91	\$498.91
153097	1/30/2014	23360	WILEY PRICE & RADULOVICH LLP	LABOR & EMPLOYMENT LAW FEES	\$498.00	\$498.00

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153075	1/30/2014	72053640	MCMaster SUPPLY INC	ASTD PARTS & MATERIALS	\$184.91	\$490.80
	1/30/2014	72048791		ASTD PARTS & MATERIALS	\$143.79	
	1/30/2014	71715327		2 EA DISPOSABLE LANTERN BATTERIES	\$34.49	
	1/30/2014	71729098		1 EA GLOW-IN-THE-DARK EXIT LIGHT	\$87.06	
	1/30/2014	71788604		1 EA OUTDOOR TIME & DAY ACTUATED SWITCH	\$52.82	
	1/30/2014	72006900		1 EA TUBULAR HALOGEN LIGHT BULB - DOUBLE END	\$12.06	
	1/30/2014	70942706		CREDIT FOR AEROSOL MARKING PAINT	\$-56.76	
	1/30/2014	72049421		ASTD WIPES	\$32.43	
153095	1/30/2014	8056317229	VWR INTERNATIONAL LLC	ASTD LAB SUPPLIES	\$482.25	\$482.25
152997	1/23/2014	10596	DIABLO BOILER WORKS	SERVICE CALL: CLEAVER-BROOKS BOILER	\$482.00	\$482.00
152986	1/23/2014	10071290	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$234.60	\$467.03
	1/23/2014	10070071		1 DZ BLK PENS	\$0.81	
	1/23/2014	10070070		ASTD OFFICE SUPPLIES	\$101.34	
	1/23/2014	10071291		1 BLK PLANNER	\$20.79	
	1/23/2014	10071080		1 5HK COSTUMER	\$109.49	
153016	1/23/2014	24815133	MOTION INDUSTRIES INC	1 EA ELECTRIC MOTOR	\$454.65	\$454.65
153003	1/23/2014	20134001.1	G3 ENGINEERING INC	GBT POLY SKID #3 VALVE PARTS	\$443.72	\$443.72

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153042	1/23/2014	71927127	XEROX CORPORATION	MTHLY MAINTENANCE BASED ON USE	\$13.33	\$438.01
	1/23/2014	71927128		MTHLY MAINTENANCE BASED ON USE	\$15.33	
	1/23/2014	71927130		MTHLY MAINTENANCE BASED ON USE	\$147.92	
	1/23/2014	71927126		MTHLY MAINTENANCE BASED ON USE	\$261.43	
153040	1/23/2014	8056268045	VWR INTERNATIONAL LLC	2 PKS VIAL COD DIGESTION HR	\$407.80	\$407.80
153056	1/30/2014	4468027	CORT	JAN 2014 FURNITURE RENTAL - DEPUTY GM OFFICE	\$343.50	\$343.50
153031	1/23/2014	20140103	SWRCB - CERTIFICATIONS	GRADE IV OP CERT - BRENNER	\$340.00	\$340.00
153007	1/23/2014	600977072	HILLYARD/SAN FRANCISCO	4 QTS GERMICIDAL BOWL CLEANER	\$18.53	\$319.91
	1/23/2014	600977073		JANITORIAL SUPPLIES	\$301.38	
153027	1/23/2014	901535667	SIEMENS WATER TECHNOLOGIES LLC	DI WATER SYSTEM	\$315.00	\$315.00
153068	1/30/2014	13401	HAYWARD PIPE AND SUPPLY	84 FT PIPE & 2 EA FAB 1-1/2" S40 CS PBE	\$303.02	\$303.02
153061	1/30/2014	20140123	MICHAEL GILL	EXP REIMB: SOFTWARE TRNG - 1/12 - 1/18/14	\$298.18	\$298.18
153084	1/30/2014	2351183001	S & S SUPPLIES & SOLUTIONS	6 DEFENDER+ FOLDBACK FACESHIELDS	\$90.86	\$272.19
	1/30/2014	2351183002		48 PRS G-TEX MAXIFLEX II GLOVES	\$181.33	
153062	1/30/2014	1173400703	GLACIER ICE COMPANY INC	42 7-LB BAGS OF ICE	\$53.76	\$245.76
	1/30/2014	1173400704		150 7-LB BAGS OF ICE	\$192.00	
153078	1/30/2014	20140128	MICHELLE POWELL	TUITION REIMB - FALL QTR 2013	\$244.01	\$244.01
153091	1/30/2014	20140124	TIMOTHY TEALE	EXP REIMB: NACE COATING INSPECTOR LEVEL	\$242.48	\$242.48
153083	1/30/2014	20140123	ADRIANNE ROLETTO	EXP REIMB: FOOD FOR IPACS TRAINING	\$215.04	\$215.04

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153060	1/30/2014	116520179	FREMONT URGENT CARE CENTER	4 DOT PHYSICALS	\$212.00	\$212.00
153085	1/30/2014	85340220140123	SAN FRANCISCO WATER DEPT	SERVICE 12/18/13 TO 01/21/14	\$208.31	\$208.31
153020	1/23/2014	20140116	PIPE USERS GROUP	ANNUAL SEMINAR: CHAU & ELLIOTT	\$200.00	\$200.00
152985	1/23/2014	16469900	BECK'S SHOES	SAFETY SHOES - J. ARROYO	\$185.00	\$185.00
153049	1/30/2014	16485000	BECK'S SHOES	SAFETY SHOES: R. PIPKIN	\$180.64	\$180.64
153050	1/30/2014	10071290C	BLAISDELL'S	CREDIT ASTD OFFICE SUPPLIES	\$-24.05	\$155.07
	1/30/2014	10078200		1 COAT HOOK	\$6.34	
	1/30/2014	10074500		1 BLK TONER	\$172.78	
152995	1/23/2014	20140116	CWEA-NRTC	MEMBERSHIP RENEWAL: J. SEO	\$148.00	\$148.00
153071	1/30/2014	274385057	IDEXX DISTRIBUTION INC	1 PACK IDEXX COLIFORM VESSELS	\$143.02	\$143.02
152992	1/23/2014	20140109	PETE CHAPARRO	EXP REIMB: JACKET FOR TRAINING IN WISCONSIN	\$140.53	\$140.53
153065	1/30/2014	20140123	TOM HANDLEY	EXP REIMB: IPAD & ACCESSORIES PER POLICY 2165	\$131.87	\$131.87
153087	1/30/2014	810349541	SHARP BUSINESS SYSTEMS	MTHLY MAINTENANCE BASED ON USE	\$115.71	\$115.71
153070	1/30/2014	5434366	HOSE & FITTINGS ETC	ASTD PARTS & MATERIALS	\$43.51	\$105.41
	1/30/2014	5435442		16 FEET OF HOSE	\$61.90	
153028	1/23/2014	20140122.1	JENNIFER SIO-KWOK	EXP REIMB: LUNCH PURCHASING POLICY	\$52.45	\$76.82
	1/23/2014	20140122.2		EXP REIMB: SODA & CHIPS FOR TRAINING &	\$24.37	
153025	1/23/2014	20140121	LOUIS RIVERA III	EXP REIMB: MILEAGE FOR CALL OUT	\$74.56	\$74.56
153069	1/30/2014	600986729	HILLYARD/SAN FRANCISCO	8 QTS GERMICIDAL BOWL CLEANER	\$37.07	\$37.07

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153013	1/23/2014	77703544	MATHESON TRI-GAS INC	CYLINDER RENTAL -DEC 2013	\$33.84	\$33.84
153037	1/23/2014	9853523.0	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 12/28/13	\$17.18	\$17.18
153001	1/23/2014	118925	FASTENAL	ASTD PARTS & MATERIALS	\$13.16	\$13.16
153023	1/23/2014	530774	PUBLIC SURPLUS AUCTION	SURPLUS SALE FEE: METAL BOOKSHELF	\$0.70	\$0.70

Invoices:

Credit Memos :	3	-240.89
\$0 - \$1,000 :	115	38,827.66
\$1,000 - \$10,000 :	51	158,769.15
\$10,000 - \$100,000 :	11	326,655.68
Over \$100,000 :	2	401,463.31
Total:	182	923,474.91

Checks:

\$0 - \$1,000 :	70	30,432.78
\$1,000 - \$10,000 :	42	151,772.64
\$10,000 - \$100,000 :	8	298,938.42
Over \$100,000 :	2	442,331.07
Total:	122	923,474.91



EAST BAY DISCHARGERS AUTHORITY
2651 Grant Avenue
San Lorenzo, CA 94580-1841
(510) 278-5910
FAX (510) 278-6547

A Joint Powers Public Agency

**COMMISSION MEETING
AGENDA**

Thursday, February 20, 2014

9:30 A.M.

**Oro Loma Sanitary District
2655 Grant Avenue
San Lorenzo, CA 94580**

- 1. **Call to Order**
- 2. **Roll Call**
- 3. **Public Forum**

C O N S E N T C A L E N D A R

MOTION

- 4. **Commission Meeting Minutes of January 23, 2014**
- 5. **List of Disbursements for January 2014**
- 6. **Treasurer's Report for January 2014**

R E G U L A R C A L E N D A R

INFORMATION

- 7. **General Manager's Report**
(The General Manager will report on EBDA issues.)

INFORMATION

- 8. **Report From the Managers Advisory Committee**
(The General Manager will report on the meeting of February 19, 2014.)

MOTION

- 9. **Report From the Financial Management Committee**
(The General Manager will report on the meeting of February 10, 2014.)

MOTION

- 10. **Report From the Regulatory Affairs Committee**
(The General Manager will report on the meeting of February 18, 2014.)

RESOLUTION 11. Resolution Approving a Personal Services Agreement with Marc Beyeler Associates to Study Strategies for Regional Wastewater Discharge to Mitigate Sea Level Rise Impacts
(The Committee will consider a resolution approving a personal services agreement with Marc Beyeler Associates to study strategies for regional wastewater discharge to mitigate sea level rise impacts.)

RESOLUTION 12. Resolution Approving a Personal Services Agreement with San Francisco Estuary Institute to Study Strategies for Regional Wastewater Discharge to Mitigate Sea Level Rise Impacts
(The Committee will consider a resolution approving a personal services agreement with San Francisco Estuary Institute to study strategies for regional wastewater discharge to mitigate sea level rise impacts.)

RESOLUTION 13. Resolution Approving a Personal Services Agreement with Environmental Science Associates to Study Strategies for Regional Wastewater Discharge to Mitigate Sea Level Rise Impacts
(The Committee will consider a resolution approving a personal services agreement with Environmental Science Associates to study strategies for regional wastewater discharge to mitigate sea level rise impacts.)

MOTION 14. Report From the Operations & Maintenance Committee
(The General Manager will report on the meeting of February 10, 2014.)

INFORMATION 15. Items From the Commission
(The Commission will comment on miscellaneous items of interest.)

16. Adjournment

(Any member of the public may address the Commission at the commencement of the meeting on any matter within the jurisdiction of the Commission. This should not relate to any item on the agenda. It is the policy of the Authority that each person addressing the Commission limit their presentation to three minutes. Any member of the public desiring to provide comments to the Commission on an agenda item should do so at the time the item is considered. It is the policy of the Authority that oral comments be limited to three minutes per individual or ten minutes for an organization. Speaker's cards will be available in the Boardroom and are to be completed prior to speaking.)

(In compliance with the Americans with Disabilities Act of 1990, if you need special assistance to participate in an Authority meeting, or you need a copy of the agenda, or the agenda packet, in an appropriate alternative format, please contact the Administrative Assistant at the EBDA office at (510) 278-5910. Notification of at least 48 hours prior to the meeting or time when services are needed will assist the Authority staff in assuring that reasonable arrangements can be made to provide accessibility to the meeting or service.)

(In compliance with SB 343, related writings of open session items are available for public inspection at East Bay Dischargers Authority, 2651 Grant Avenue, San Lorenzo, CA 94580. For your convenience, agenda items are posted on the East Bay Dischargers Authority website located at <http://www.ebda.org>.)

**The next Commission meeting will be held
Thursday, March 20, 2014 at 9:30 a.m.**

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Richard B. Currie
*General Manager/
District Engineer*

David M. O'Hara
Attorney

DATE: February 18, 2014

MEMO TO: Board of Directors - Union Sanitary District

FROM: Richard B. Currie, General Manager/District Engineer
Sami Ghossain, Manager of Technical Services
Raymond Chau, CIP Coach

SUBJECT: Agenda Item No. 10c – Meeting of February 24, 2014
Information Item: Cogeneration Project Status

Recommendation

This is an information item.

Background

The Board awarded the construction contract for the Project to D. W. Nicholson Corporation (DWN) in the amount of \$10,566,358 on March 11, 2013. The Project will consist of the construction of two new 850-kilowatt engine generators housed within a new metal building, a new digester gas conditioning system, and modifications to the existing digester gas piping and hot water system.

The engine generators will utilize digester gas produced by the primary and secondary digesters to generate electrical power that will be used within the wastewater treatment plant. The point of connection for the generated power will be at the plant's main 12,000-volt electrical switchgear where the power will be distributed to the various motor control centers and switchboards located throughout the plant to operate the process equipment.

Staff issued the Notice to Proceed to DWN on April 5, 2013. The Project's construction period is 525 calendar days with an estimated completion of all project elements by October 2014. However, the Project requires the commissioning of the new engine generators within 435 calendar days, or by July 2014 to meet PG&E's Self-Generation Incentive Program (SGIP) deadline. The Project was designed by Carollo Engineers and construction management is being provided by the Covello Group.

Project Status

To date, the contractor is approximately 50% complete with the construction work. The contractor is approximately one week behind schedule but has plans to make this up when the piping and electrical installation work begins inside the new Cogeneration Building.

The contractor has completed the following major Project elements:

1. Utility Pipelines – The contractor installed new buried digester gas, natural gas, and hot water piping between the new Cogeneration Building and the connection points of the existing pipelines. All but the natural gas connections have been completed.
2. Waste Gas Flare Piping Modifications – The contractor replaced the existing digester gas pipe header with stainless steel piping at the waste gas flares.
3. Electrical Duct banks – The contractor installed new buried electrical duct banks between the new Cogeneration Building and the Main Distribution Building, and between the Main Distribution Building and Field Operations Building.
4. Electrical Modifications – The contractor replaced circuit breakers at the existing Switchboard No. 3 and the Field Operations Building switchboard to relocate the power feed to the Field Operations Building.
5. Concrete Slabs – The contractor completed the concrete placement of the new slab foundations for the new Cogeneration Building and the gas conditioning area.
6. Cogeneration Building – The contractor began installation of the structural steel beams for the building and for the electrical rooms inside the building.
7. Equipment Deliveries – The contractor delivered and set the new engine generators, radiator fans, gas treatment media tanks, and electrical transformer. During the next month, the contractor expects to deliver the new motor control center, switchgear, PLC, gas compressors, and lubrication oil tanks.

Upcoming Work

During the next month, the contractor expects to work on the following major Project elements:

1. Main Plant Switchgear Modifications – The contractor will begin the work to upgrade the protective relays for the plant's utility breaker at the plant's 12,000 volt switchgear.

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Meeting of February 24, 2014
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2. Cogeneration Building – The contractor will begin installation of the wall and roof panels of the building.
3. Engine Generator Piping – The contractor will install hot water, digester gas, and natural gas piping that will connect to the engine generators.
4. Electrical – The contractor will begin to install electrical cables, conduits, and panels inside the building.
5. Gas Conditioning Equipment – The contractor will continue to install equipment and piping associated with the gas conditioning equipment.

Contract Status

The original contract amount was \$10,876,638. To date, staff has executed 30 Change Orders in the amount of \$653,417, which is 6% of the original contract amount.

RBC/SG/RC;ks

Attachment: Figures 1 through 10

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Figure 1 – Concrete Placement for the Cogeneration Building slab



Figure 2 – New stainless steel pipe header at the waste gas flares



Figure 3 – The structural steel of the Cogeneration Building is installed



Figure 4 – The new radiators are set on the west side of the Cogeneration Building



Figure 5 – The siloxanes and hydrogen sulfide removal tanks are set in the gas conditioning area



Figure 6 – The transformer is set on the east side of the Cogeneration Building

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Figure 7 – The contractor lifts the engine generator over the Cogeneration Building



Figure 8 – The contractor lowers the engine generator through the Cogeneration Building roof

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Figure 9 – The contractor lowers the engine generator through the Cogeneration Building roof



Figure 10 – The contractors sets the second engine generator onto the concrete pad



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Richard Currie
*General Manager/
District Engineer*

David M. O'Hara
Attorney

DATE: February 18, 2014
MEMO TO: Board of Directors - Union Sanitary District
FROM: Richard B. Currie, General Manager/District Engineer
SUBJECT: Agenda Item No. 10d - Meeting of February 24, 2014
Information Item: **Restaurant Capacity Fees**

Recommendation

None. Information only.

Background

The Legal and Community Affairs Committee will review the latest information collected by staff relating to the impact of USD capacity fees on new restaurants considering opening for business in the Tri City area. Staff has been contacting restaurant owners and restaurant associations and will provide an update at the Board meeting.



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Anjali Lathi
Jennifer Toy

Officers
Richard Currie
*General Manager/
District Engineer*

David M. O'Hara
Attorney

DATE: February 13, 2014
MEMO TO: Board of Directors - Union Sanitary District
FROM: Richard B. Currie, General Manager/District Engineer
SUBJECT: Agenda Item No. 10e- February 24, 2014
Information Item: **Legislative Committee Update on State, National and Regional Issues of Interest to the Board**

California

SRF Loan Term Changes. The State Water Board has announced that effective in January, they will offer the option of extended term financing for SRF loans for up to 30 years. This effort is to make SRF loans more accessible to small and disadvantaged communities. Since the introduction in 1989, over \$6.6 billion in loans or other financial agreements have been issued through the program. About 76% of the funds have been used for wastewater and water recycling projects. The balance have been for collection system, non-point source projects, or estuary projects

State Board Members Confirmed. The Senate confirmed the 3 State Water Board members appointed by the Governor. Frances Spivy-Weber, Tam Doduc, and Dorene D'Adamo. All were supported by CASA.

Legislative Summary

AB371 Salas – Biosolids in Kern County. This bill was revived and significantly altered due to lack of support in the first year of the legislative session. The bill no longer seeks to ban import of biosolids for land application, but requires extensive testing for evaluation of impacts on ground water. Initially the revised bill would have required testing of every land application event. After pressure from committee hearings, the author agreed to let the State Water Board determine the frequency of

testing, but no less than twice per year. The bill has passed the Assembly by a vote of 47-4 and is now in Committee hearings in the State Senate.

AB729 Hernandez – Privileged Information. The bill proposed creating privileged communication between a union employee and the employee Union’s business agent, offering a protection similar to attorney-client privilege or doctor-patient privilege. The bill was vetoed by the Governor, noting that this could compromise the ability of employers to conduct investigations in the workplace.

AB748 Eggman – Interest Paid on Claims. Currently, local government agencies pay 7% interest on amounts due as a result of judgments made against them in tax or fee claims. AB748 changes this rate to be more consistent with what other entities pay. The interest rate will be tied to the weekly average for one year Treasury instruments, but no greater than 7%.

AB1181 Gray – Leaves for Absences for Union Activities. This bill expands provisions governing a local public agency’s requirement to provide compensated time off for representatives of the recognized employee organization. This includes paid time off to participate in formal meet and confer sessions with representatives of the public agency and for testifying or appearing as the designated representative of the employee organization in conferences, hearings, or other proceedings before the Public Employment Relations Board (PERB). This would apply to matters relating to a charge filed by either the employee organization against the public agency or by the public agency against the employee organization. The bill requires the employee to provide reasonable notice to the employer. The bill also defines designated representative as an officer of the employee organization or a member serving in proxy of the employee organization.

Ballot Initiative: Pension Reform Act of 2014. Submitted by San Jose mayor Chuck Reed and mayors of other cities, this ballot initiative would allow local government employers to negotiate lower pension benefit packages for current workers going forward, while protecting benefits previously earned. Authors have complained bitterly about the way the Attorney General wrote the ballot summary. Because of this issue, the authors are considering targeting the 2016 election instead of the 2014 election. Signature gathering is underway. The bill is opposed by Labor.

Federal Issues

HR3862 – Clean Water Affordability Act. Legislation was introduced into the House which makes several provisions to assist poor and disadvantaged communities to finance improvements to water and wastewater infrastructure. Communities are required to establish priority lists for projects based on greatest

water quality benefit. The bill provides for 30 year loans and additional subsidies, such as principle forgiveness. It also ensures small communities receive a designated portion of SRF funds available.

HR3080 – Water Resources Reform and Development Act of 2013. The House approved the bill by a vote of 417 to 3. While mostly focused on Army Corps of Engineers projects involving harbors and shoreline work, the companion bill in the Senate, S601, includes loan guarantees for state and local government projects involving water infrastructure. In order to gain bipartisan support, the bill includes many environmental streamlining provisions. If the two bills can be reconciled in conference committee and signed by the President, it will be the first water resources infrastructure bill signed into law since 2007.

FY14 Budget. The recently passed \$1.01 trillion federal budget includes funding for the EPA and State Revolving Fund programs. The Clean Water SRF program will receive \$1.449 billion nationwide, down slightly from \$1.465 billion last year. The budget also renews the provisions requiring States to set aside a portion of the funds for green infrastructure, energy efficiency, and water conservation. A new element is that all recipients comply with buy-American provisions for iron and steel products.

NACWA Tackling the Flushable Products Issue. NACWA staff represented the wastewater industry at a recent conferences put on by the Woven Fabrics Industry (INDA) and presented information on the impacts of flushable products on sewer pipes and pumps. In a session called “Flushability in the Works”, INDA touted their cooperation in working with the wastewater industry to address the problem. A recent project in Maine called “Save Your Pipes, Don’t Flush Wipes” included joint efforts on public education.

Local and Regional Issues

Drought Impacts in Tri Cities. Alameda County Water District has requested that all customers, residential and commercial, reduce water use 20% from current levels.

Oro Loma Receives Grant for Ecotone Slope Project. Oro Loma Sanitary District received a \$2.1 million grant from the California Department of Water Resources, Integrated Regional Water Management program, for a project that will include a multipurpose wet-weather equalization facility that will feature both a treatment wetland and an upland ecotone slope for polishing of treated wastewater. (The Ecotone slope is the horizontal levee promoted by Jeremy Lowe to adapt to sea level rise.) The facility will accommodate infrequent peak wet-weather flows, and provide an opportunity to pilot several adaptation strategies related to sea level rise, water quality protection, and infrastructure sustainability.

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City of Bell's New Transparency. In an attempt to help put the past scandal behind them, the City of Bell has joined several other southern California cities in using a new software program to post financial information on their website. The City will send their financial data to a company called OpenGov Inc, which uploads the data for viewing on the City's website. The software will put the data into easy to read charts, making it more understandable for the public. Bell also publishes a wide variety of City documents on their website and broadcasts their Council meetings on-line.



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David M. O'Hara
Attorney

DATE: February 18, 2014
MEMO TO: Board of Directors - Union Sanitary District
FROM: Richard B. Currie, General Manager/District Engineer
SUBJECT: Agenda Item No. 10f - Meeting of February 24, 2014
Information Item: **ACWD Water Conservation Notice to Customers**

Recommendation

None. Information only.

Background

Attached is a notice we received from Alameda County Water District regarding water conservation during this period of severe drought. ACWD is requesting that all of its customers voluntarily reduce water use by 20%.

The Executive Team has been discussing potential options for reducing our demand. On a preliminary basis we have reduced landscaping irrigation. Our largest source of water use is for mixing polymer for our biosolids thickening and dewatering operations. We use approximately 15,000 gallons per day for these processes, which accounts for approximately 50% of our total water usage. To address this, we are requesting permission from ACWD to install a shallow well on our property that would pump non-potable water. This would not impact ACWD's supply since it is not from the deep aquifers that are the source of drinking water. While the quality is generally poor, it is suitable for mixing polymer. Note that we have in the past tried to use our secondary effluent for this purpose and have found it fouls the equipment.

Other items we are considering include:

- Using treated effluent or non-potable water for filling our construction vehicles for cleaning sewers.

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- Deferring our Cast Iron Pipe repair projects. These projects use a significant amount of water for cleaning and pressure cutting corrosion before lining.
- Replacing old restroom fixtures in the Plant operations building with water conserving fixtures.
- Requesting ACWD conduct a water audit at USD.
- Promoting water conservation with USD employees through a poster campaign.
- Having our “Lean-Green Task Force” look for other ways to conserve.

USD currently uses approximately one million gallons per day of treated effluent for our various treatment processes. This is water that would otherwise be taken from the ACWD system. This has been a standard practice at the District for decades.

PRESS RELEASE



FOR IMMEDIATE RELEASE: January 17, 2014
CONTACT: Walt Wadlow, 510-668-4201

ALAMEDA COUNTY WATER DISTRICT ASKS CUSTOMERS TO REDUCE WATER USAGE BY 20%

*Request comes in Support of Governor Brown's Proclamation of a
Drought Emergency*

Fremont, CA – Alameda County Water District announced today that it is requesting Tri-City area residents, businesses, and institutions to voluntarily cut back on their water use by 20% in response to Governor Brown's declaration of a statewide drought emergency.

ACWD relies on local runoff from the Alameda Creek watershed for 40% of its supplies. The State Water Project provides 40% of the ACWD's supplies, with the balance of 20% purchased from the San Francisco Public Utilities Commission's (SFPUC's) Hetch-Hetchy water system.

In light of the continued dry conditions, both locally and in the Sierras, and recent information from California Department of Water Resources officials regarding State Water Project availability, ACWD is currently updating its water supply forecasts. With no significant precipitation in the forecast, the District is concerned and continues to monitor the situation very closely. ACWD staff is closely coordinating with officials from the California Department of Water Resources and the SFPUC regarding water supply conditions of the State Water Project and Hetch-Hetchy system, respectively.

Because of the ongoing dry conditions, and uncertainties with both local and imported water supply availability, ACWD is requesting that customers voluntarily cut back on their water use by 20%. Below, please find guidelines on how customers can help by reducing their water use.

"We are taking this third dry year very seriously," said Board President Paul Sethy. "Our customers' water conservation efforts in the past have really helped lessen the impacts of dry conditions. Continuing these habits and developing new ones will be crucial this year. We will also continue to update the community as new information becomes available."

"ACWD has a comprehensive water conservation program with plenty of incentives, tools and technical information to help our customers save water," noted ACWD Water Conservation Supervisor Stephanie Nevins. "If customers have been thinking about

Alameda County Water District www.acwd.org
(510) 668-4200 43885 S. Grimmer Blvd. Fremont CA 94538

PRESS RELEASE



taking advantage of the rebates and incentives ACWD offers, now is the time," Nevins went on to say.

ACWD officials encourage customers to conserve water in the following ways:

- Find and fix leaks. Leaky faucets, showers, toilets and irrigation systems can waste a lot of water.
- Significantly reduce, or if possible, eliminate landscape water use during these shorter days and cooler nights.
- Cover exposed soil with mulch.
- Operate clothes washers and dishwashers with full loads only.
- Take shorter showers.
- Turn off the tap when brushing teeth or shaving.
- Use a broom instead of a hose to clean driveways and walkways.
- Get your car washed at a commercial car wash that recycles water.
- Install high-efficiency clothes washers.
- Replace older, high water use fixtures and devices with water efficient models (toilets, showerheads, faucet aerators).
- Reduce lawn areas and choose native and drought tolerant plants for your landscapes.

For additional information on ACWD's water conservation programs, including rebates on turf replacement and high efficiency clothes washers, please visit the ACWD website at www.acwd.org.

###

For 100 years, the Alameda County Water District has supplied water to the residents and businesses of southern Alameda County. ACWD supplies drinking water to the more than 336,000 people living in the cities of Fremont, Newark, and Union City. For more information, please visit www.acwd.org.

PRESS RELEASE



FOR IMMEDIATE RELEASE: January 16, 2014
CONTACT: Walt Wadlow, 510-668-4201

ALAMEDA COUNTY WATER DISTRICT LAUNCHES A NEW PROGRAM TO HELP LOW INCOME HOMEOWNERS REDUCE WATER USE AND SAVE MONEY ON THE WATER BILL

Program includes free installation of high efficiency toilets, showerheads and faucet aerators for ACWD's low income homeowner customers

Fremont, CA — Alameda County Water District just launched a new water conservation program that is geared toward low income single-family homeowners to promote water savings while also helping these homeowners save money on their water bills.

The District's new program, the Water Savings Assistance Program, will provide income-qualified single-family homeowners with a water use efficiency survey to help identify water saving opportunities, a leak check and fix for common toilet leaks and, based on the flow rates of the existing water using fixtures, free water efficient toilets, faucet aerators, and showerheads, installed at no cost to the homeowner. All in-home services will be provided by a licensed plumbing contractor.

"ACWD has numerous water conservation programs available for our customers but we found that many of these programs are not fully utilized by the District's low income homeowners due to cost limitations and other barriers," said ACWD Water Conservation Supervisor Stephanie Nevins. "The Water Savings Assistance Program intends to address these barriers by providing a full service water conservation program to help these customers save water."

As an incentive, low income homeowners who participate in this program will also receive a one-time \$50 credit on their water bill. Program participants must meet certain income and household size requirements, as well as comply with the Program's Terms and Conditions. Income guidelines are shown in the chart below.

"Given the ongoing dry conditions we appreciate the conservation efforts of our customers and the District is pleased to offer a new program that makes implementation of water conservation measures more accessible to our low income homeowner customers," said ACWD Board President Paul Sethy.

Alameda County Water District www.acwd.org
(510) 668-4200 43885 S. Grimmer Blvd. Fremont, CA 94538

PRESS RELEASE



The Program will run until June 30, 2014 or until funds are depleted. Funding is limited and applications will be accepted on a first-come, first-served basis. Interested customers should visit: www.acwd.org/wsaprogram to learn more and to see if they qualify, or they can call 510-668-4207 or email Stephanie.nevins@acwd.com.

###

For nearly 100 years, the Alameda County Water District has supplied water to the residents and businesses of southern Alameda County. ACWD supplies drinking water to the more than 336,000 people living in the cities of Fremont, Newark, and Union City. For more information, please visit www.acwd.org.

PRESS RELEASE

WATER SAVINGS ASSISTANCE PROGRAM	
INCOME GUIDELINES	
(Annual income before taxes - Valid through May 31, 2014)	
Number of persons in household	Total combined annual income*
1-2	\$31,020
3	\$39,060
4	\$47,100
5	\$55,140
For each additional person, add:	\$8,040
<p>*Income before taxes based on all current income sources. Total household income must not exceed the income guidelines outlined above to qualify.</p>	

Top of the Week REPORT



Linking th

b2B Procurement and Contracting Fair Feb 28, 9am - 12pm, Fremont Main Library

Participate! Call
(510) 795-2244

Monday, February 10, 2014

Mixers: 5-7pm, unless otherwise noted.

Feb. 12, Greenstein, Rogoff, Olsen & Co., 39159 Paseo Padre Pkwy., Ste. 315, Fremont, (510) 797-8661- Established in 1964, Greenstein, Rogoff, Olsen & Co. is a full service CPA firm providing accounting, tax, strategic planning and wealth preservation advice to high net worth individuals, closely held businesses and family offices. Recognized as a top twenty-five best managed CPA firm in the nation by Inside Public Accounting. GROCO's Managing Partner, Alan Olsen, is also the host of the American Dreams radio show, on KDOW 1220 AM on Wednesdays from 6-7pm. More information about the largest CPA firm in Fremont can be found at www.GROCO.com.

Feb 26, Rockin Jump, 39177 Farwell Dr., Fremont, 94538, (510) 246-3098 – Rockin Jump is a family focused company. They provide a jump-safe, clean and fun trampoline experience for every customer. Their continued innovation and focus on safety ensures that each and every visit will create memorable fun for all.

Ribbon Cuttings:

Feb 11, 5:30pm, Tue, Critosphere, 7100 Stevenson Blvd., Fremont, 94539, (510) 516-0078 – Critosphere is your new office. They have spaces that satisfy all of your needs. Check out and see what they have for short (meetings) and long term (memberships) solutions.

Feb 13, 10am, Thu, The Crossings @ 880 – 880 West exit at Dixon Landing – Join us for a Ground Breaking Ceremony for Overton Moore who is developing a new business park called "The Crossings @ 880"

Fremont Chamber

[Fremont Chamber Member Events](#)

CITY OF FREMONT

Salwan announces run to retain Fremont city council seat
Fremont City Councilmember Raj Salwan has launched his campaign to serve his first full term on the city's most powerful panel. (2/7/2014)

Fremont council 'cautiously optimistic' about finances
With the closing of the 2012-13 fiscal year books, City of Fremont staff compared operating results with the predictions from May 2013 and presented them to Fremont City Council Jan. 14, declaring the city has a \$3-million deficit due to overestimating property tax revenues. (2/7/2014)

Fremont forges Sustainability Vision for 2014
Fremont has kicked off the New Year with sustainability at the forefront. Leading up to this, in November 2013, the City of Fremont embarked on its first-ever trade mission to India, establishing important connections in the cities of Bangalore, Chennai and Jaipur. The trade mission reflects the Fremont City Council's leadership in the areas of global connectivity and sustainability. (2/7/2014)

Union Sanitary District's private lateral study underway
USD has initiated a Private Lateral Study to assess the condition of selected private property owners' sanitary sewer laterals within its service area. A USD contractor will be televising private sewer laterals to identify their condition. The results will provide us with important information about the general health of sewer laterals in our service area. (2/6/2014)

LOCAL AND REGIONAL

High prices sending Bay Area renters and homebuyers to outlying communities
Squeezed by astronomical home prices and rents that are almost as unaffordable, a growing number of Bay Area residents are pulling up stakes and trading long commutes for cheaper

JUNE 3 ELECTION

Few in East Bay line up to take on incumbents

By Lisa Vorderbrueggen

lvorderbrueggen@bayareanewsgroup.com

The candidate filing period for the June 3 election opened this week for a plethora of East Bay political offices — in parallel with state and congressional seats — but if the relative campaign inactivity is any indication, incumbents will have an easy go of it.

Instead, the buzz is around a handful of open seats where most of the serious competitors launched their campaigns months ago.

No well-funded high-profile challengers, for example, have surfaced in the re-election bids of Contra Costa

WHERE TO GO

Learn everything you need to know about filing for public office at your county election office:

■ **Contra Costa County Registrar of Voters:** 555 Escobar St. in Martinez. Contact the office at 925-335-7800 or www.cocovote.us.

■ **Alameda County Registrar of Voters:** 1225 Fallon St., G-1, in Oakland. Contact the office at 510-267-8683 or

challengers.

The East Bay's only open nonpartisan seats are the superintendent of schools in Contra Costa and Alameda counties, where both incumbents are retiring.

Each of the outgoing superintendents — Joe Ovick in Contra Costa and Sheila Jordan in Alameda — has endorsed a successor. Ovick is backing his deputy, Karan Sakata, and Jordan has endorsed her assistant, Karen Monroe.

There's still time to run. The filing period remains open through March 7 — March 12 in the event the incumbent does not seek re-election.

However, a latecomer's odds of a ballot box victory are extraordinarily low.

"You can't just start your campaign on the day you file," said Contra Costa Clerk-Recorder Joe Canciamilla, who also is seeking election after being appointed to the job after Steve Weir retired in 2012. "You have to be able to develop a strong constituency,

Candidates

Continued from Page 1

County supervisors Karen Mitchoff, of Pleasant Hill, or John Gioia, of Richmond, or their Alameda County counterparts, Richard Valle and Wilma Chan.

It's the same story for Contra Costa Sheriff David Livingston, District Attorney Mark Peterson, Auditor-Controller Bob Campbell and Treasurer-Tax Collector Rusty Watts. All four men were elected in 2010 when their predecessors retired after long — and largely unchallenged — political careers.

That's ditto in Alameda County for Assessor Ron Thomsen, Auditor-Controller Patrick O'Connell, District Attorney Nancy O'Malley and Sheriff Greg Ahern.

Based on history, most of these incumbents will run unopposed or face only token opposition from unknown and underfunded

GOT PUBLIC OFFICE?

The candidate filing period for the June 3 election is open through March 7 — or March 12 in the seats where the incumbent does not seek re-election. Here's a list of the key East Bay seats open for candidates:

Assembly — Districts 11, 14, 15, 16, 18, 20 and 25

State Senate — District 10 (incumbent Ellen Corbett terms out)

Contra Costa County, nonpartisan — Board of Supervisors districts 1 and 4; assessor; auditor-controller; district attorney; sheriff-coroner; treasurer-tax collector; and superintendent of schools

Alameda County, nonpartisan — Board of Supervisors districts 2 and 3; Board of Education districts 1, 4 and 7; superintendent of schools; assessor; auditor-controller; district attorney; sheriff-coroner; treasurer-tax collector; and four Zone 7 Water Agency seats

a base and money, and that takes time."

For those who do run in June, Canciamilla predicts a low turnout and lackluster election where only a handful of open state Assembly seats generate much interest.

"There's nothing at the top of the ticket to drive overall voter turnout," he said. "I think a lot of the interest will shift to the

November election, where we'll see the school boards, special districts and city council races appear."

Specifically, Gov. Jerry Brown hasn't yet officially announced he will seek re-election, but most expect him to run and easily win a second term.

Even Contra Costa County's first open congressional seat in 40 years is unlikely to draw much juice.

Eight people had pulled filing papers for the seat as of early this week. But so far, only one major well-funded, high-profile candidate, state Sen. Mark DeSaulnier, of Concord, has emerged to succeed retiring Rep. George Miller, D-Martinez. A half-dozen people who might have run have endorsed DeSaulnier.

U.S. Rep. Eric Swalwell, D-Dublin, also is facing his first re-election bid, from state Sen. Ellen Corbett, D-San Leandro.

Candidates are already running for four open legislative seats where incumbents are being termed out:

■ **Assembly District 16** — Four people have been campaigning to succeed incumbent Joan Buchanan, of Alamo, including Democrats Dublin Mayor Tim Sbranti, Orinda Vice Mayor Steve Glazer, Danville Councilman Newell Arnerich, and Republican attorney Catharine Baker; of San Ramon.

■ **Assembly District 15** — A number of competitors

are vying for the seat held by incumbent Nancy Skinner, D-Berkeley, including GOP San Pablo Councilman Rich Kinney, Democrat Elizabeth Echols and West Contra Costa school board trustee Tony Thurmond.

■ **Assembly District 25** — Four Democrats are already battling to succeed incumbent Bob Wieckowski, D-Fremont, including San Jose Councilman Kansen Chu, Teresa Cox with the U.S. Department of Commerce, Milpitas City Councilman Armando Gomez and Fremont police Chief Craig Steckler.

■ **Senate District 10** — Assemblyman Bob Wieckowski, D-Fremont, is emerging as the front-runner to replace incumbent Corbett, who is running for Congress. Spinal cord research activist Roman Reed has also launched a campaign.

Contact Lisa Vorderbrueggen at 925-945-4773. Follow her at Twitter.com/lvorderbrueggen.

