



BOARD MEETING AGENDA
Monday, July 14, 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 the Regular Meeting of June 23, 2014.
-

Motion

5. Approval of the Minutes of the Special Meeting of June 25, 2014.
-

6. Written Communications.
-

7. Oral Communications.

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

Motion

8. California Special Districts Association (CSDA) Election of Region Three Representative *(to be reviewed by the Legal/Community Affairs Committee).*
-

Motion

9. Authorizing the General Manager to Execute Task Order No. 4 with West Yost Associates for Providing Design Services for the Newark Backyard Sanitary Sewer Relocation Project, Phase 2 *(to be reviewed by the Construction Committee).*
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- Motion 10. Consider Claim of Jean Ciardelli for Sewer Overflow Damage *(to be reviewed by the Legal/Community Affairs Committee)*.
-
- Motion 11. Authorizing the General Manager to Execute Task Order No. 2 with Harris & Associates for Providing Construction Management Services for the Jarvis Avenue Sanitary Sewer Replacement Project *(to be reviewed by the Construction Committee)*.
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- Motion 12. Election of Officers for the USD Board of Directors for FY15 *(to be reviewed by the Personnel Committee)*.
-
- Motion 13. Select Board Members to Represent the District on External Committees for FY15.
-
- Information 14. Information Items:
 a. Check Register.
 b. Solar Facilities Operational Update *(to be reviewed by the Budget & Finance Committee)*.
-
- Information 15. Committee Meeting Reports. *(No Board action is taken at Committee meetings)*:
 a. Budget & Finance –scheduled for Wednesday, 7/9/14, 9:00 a.m.
 b. Legal/Community Affairs–scheduled for Wednesday, 7/9/14, 4:30 p.m.
 c. Construction Committee – scheduled for Thursday, 7/10/14 at 4:30 p.m.
 d. Personnel Committee – scheduled for Friday, 7/11/14 at 9:30 a.m.
-
- Information 16. General Manager’s Report. *(Information on recent issues of interest to the Board)*.
-
- Information 17. 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.
-
18. Adjournment - The Board will adjourn to the next Regular Meeting in the Boardroom on Monday, July 28, 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 OF JULY 14, 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 (Alt. Manny Fernandez)

Budget & Finance Committee, Wednesday, July 9, 2014 at 9:00 a.m.

14b. Solar Facilities Operational Update.

Legal/Community Affairs Committee, Wednesday, July 9, 2014 at 4:30 p.m.

8. California Special Districts Association (CSDA) Election of Region Three Representative.
10. Consider Claim of Jean Ciardelli for Sewer Overflow Damage.

Construction Committee, Thursday, July 10, 2014 at 4:30 p.m.

9. Authorizing the General Manager to Execute Task Order No. 4 with West Yost Associates for Providing Design Services for the Newark Backyard Sanitary Sewer Relocation Project, Phase 2.
11. Authorizing the General Manager to Execute Task Order No. 2 with Harris & Associates for Providing Construction Management Services for the Jarvis Avenue Sanitary Sewer Replacement Project.

Personnel Committee, Friday, July 11, 2014 at 9:30 a.m.

12. Election of Officers for the USD Board of Directors for FY15.

Committee meetings may include teleconference participation by one or more Directors.
(Gov. Code Section 11123)
Committee Meetings 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
June 23, 2014**

CALL TO ORDER

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

PLEDGE OF ALLEGIANCE

ROLL CALL

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

ABSENT: Jennifer Toy, Secretary

STAFF: Richard Currie, General Manager
Richard Cortes, Business Services Manager
Sami Ghossain, Technical Services Manager
Andy Morrison, Collection Services Manager
Tim Grillo, Treatment & Disposal Services Coach
Robert Simonich, FMC Manager
Maria Scott, Principal Financial Analyst
David O'Hara, Legal Counsel
Jamie Rojo, Accounting Technician Specialist
Carol Rice, Assistant to the GM/Board Secretary

VISITOR: Mariano Rojo, Jamie Rojo's husband

APPROVAL OF THE MINUTES OF SPECIAL MEETING ON JUNE 7, 2014.

On a motion made by Director Kite and seconded by Director Handley, the minutes of the Special Meeting of the Board of Directors' on June 7, 2014 were unanimously approved (Director Toy was absent).

APPROVAL OF THE MINUTES OF JUNE 9, 2014.

On a motion made by Director Fernandez and seconded by Director Kite, the minutes of the Board of Directors' Meeting of June 9, 2014 were unanimously approved (Director Toy was absent).

APPROVAL OF THE MINUTES OF SPECIAL MEETING ON JUNE 11, 2014.

On a motion made by Director Kite and seconded by Director Handley, the minutes of the Special Meeting of the Board of Directors' on June 11, 2014 were unanimously approved (Director Toy was absent).

MONTHLY OPERATIONS REPORT FOR MAY 2014.

The Budget and Finance Committee reviewed this item. Rich Currie reported the following: there were no odor complaints or spills; there was one minor accident that ended the District's successful streak; a workshop was held to discuss a baseline case for the Hayward Marsh Restoration; and the inspection portion of the private lateral study was completed. There are a number of recruitments going on and the hours worked report and sick leave usage report are achieving target goals.

Maria Scott reported we received about \$173,000 in capacity fees for new home developments; plan check and field inspection fees are doing well; we exceeded our target interest – we are at 111%; there will be no more SRF revenues this fiscal year and we will start receiving proceeds in the next couple of months for the Thickener Project. Under Expenses, capacity fees are at 89% and renewal fees are at 103%. Under Special Projects, there was work done on the Seismic Evaluation Project and the Lateral Pilot Program. Workgroup expenses are at or below budget. Under investments, there were no purchases, three maturities, and LAIF is at .228%, down from .233%.

WRITTEN COMMUNICATIONS.

There were no written communications.

ORAL COMMUNICATIONS.

There were no oral communications.

PUBLIC HEARING: 1) CONFIRMING SEWER SERVICE CHARGE ORDINANCE NO. 31.37, 2) ADOPTING SEWER SERVICE CHARGE FOR FISCAL YEAR 2015, AND 3) SETTING AND COLLECTING SEWER SERVICE CHARGES FOR FISCAL YEAR 2015 ON THE TAX ROLL.

The Notice of Public Hearing to set the Sewer Service Charges for Fiscal Year 2015 was published in the Argus newspaper on May 31, 2014 and June 7, 2014.

President Lathi opened the Public Hearing at 7:07 p.m. There were no members of the public present and the public hearing was closed at 7:07 p.m.

RESOLUTION NO. 2733, CONSIDERING PROTESTS AND ESTABLISHING SEWER SERVICE CHARGE RATES FOR FISCAL YEAR 2015.

The Budget & Finance Committee reviewed this item. This resolution will increase the Sewer Service Charge rates for the next fiscal year by 5.7%. FY15 will be the second

year of the three-year adopted increase. Rich Currie reported there was one additional e-mail comment protesting the rate increase.

On a motion made by Director Kite and seconded by Director Handley, the Board unanimously approved Resolution No. 2733, considering protests and establishing Sewer Service Charge Rates for Fiscal Year 2015 (Director Toy was absent).

RESOLUTION NO. 2734, ADOPTION OF ORDINANCE NO. 31.37, SETTING THE SEWER SERVICES CHARGES SPECIFIED THEREIN FOR FISCAL YEAR 2015.

The Budget & Finance Committee reviewed this item. This resolution would increase single family rates to \$357.02. The multi-residential category authorized rate will be \$315.25.

On a motion made by Director Kite and seconded by Director Handley, the Board unanimously approved Resolution No. 2734, adoption of Ordinance No. 31.37, setting the Sewer Services Charges specified therein for Fiscal Year 2015 (Director Toy was absent).

PUBLIC HEARING: 1) ESTABLISHING CAPACITY FEES OF ORDINANCE NO. 35.21 AND 2) ADOPTING CAPACITY FEES FOR FISCAL YEAR 2015.

President Lathi opened the Public Hearing at 7:09 p.m. There were no members of the public present and the public hearing was closed at 7:09 p.m.

RESOLUTION NO. 2735, CONSIDERING PROTESTS AND CONFIRMING CAPACITY FEE RATES FOR FISCAL YEAR 2015.

The Budget & Finance Committee reviewed this item. On a motion made by Director Fernandez and seconded by Director Handley, the Board unanimously approved Resolution No. 2735, considering protests and confirming Capacity Fee Rates for Fiscal Year 2015 (Director Toy was absent).

RESOLUTION NO. 2736, ADOPTING ORDINANCE NO. 35.21, PROVIDING FOR THE ESTABLISHING OF CAPACITY FEES FOR FISCAL YEAR 2015.

The Budget & Finance Committee reviewed this item. For Fiscal Year 2015, the capacity fee rates have been increased by 5%. The single family equivalent dwelling unit charge will increase to \$5,595.66.

On a motion made by Director Handley and seconded by Director Kite, the Board unanimously approved Resolution No. 2736, adopting Ordinance No. 35.21, providing for the establishing of Capacity Fees for Fiscal Year 2015 (Director Toy was absent).

ADOPTING FINAL OPERATING AND CAPACITY FUND BUDGETS FOR FISCAL YEAR 2015.

The Budget & Finance Committee reviewed this item. Maria Scott reported the following changes since the preliminary budget: an increase in the electricity expense

of \$274,000, as well as CIP projections that were updated in the amount of \$400,000. Staff will review rates each year and evaluate the need for increases. The sewer service rates are going up 5.7% and there is an increase to the net operating budget of 1.52%. A revision to two pages in the budget was given to the Board that reflect increased cost for the purchase of a new 10-cubic yard dump truck. The low bid was approximately \$40,000 more than budgeted.

On a motion made by Director Fernandez and seconded by Director Kite, the Board unanimously adopted the Final Operating and Capacity Fund Budgets for Fiscal Year 2015 (Director Toy was absent).

APPROVING THE NEW POSITIONS OF UTILITY WORKER (MECHANIC) AND PAINTER IN THE FMC WORKGROUP.

The Personnel Committee reviewed this item. Rich Currie stated that during strategic planning in the spring of 2013, one of the issues raised was workload. The General Manager asked the Board to consider adding six positions to address workload, backlog, and overtime issues. The Board approved a construction inspector position and a senior engineer position. The Board is now being asked to approve two new positions: Mechanic and Painter.

Robert Simonich explained that USD currently employs 11 mechanics that are responsible for maintaining the treatment plant, 6 pump stations and the force main pipelines. In 2011, benchmarking analysis revealed that USD is average in staffing levels. This data was only for maintenance of treatment plant facilities and did not include the fact that FMC employees operate several pump stations and also support CIP projects. Over the last several years, the workload has increased due to aging mechanical equipment and facilities at the plant and pump stations, and increased involvement supporting Capital Improvement Projects. Recently, the FMC Workgroup initiated the PM Proficiency Project which involves several mechanics who are assigned to examine District assets and identify correct preventative and predictive maintenance and repair activities. This program may allow return to previous staffing levels in later years.

Robert then explained that USD has had a single painter for twenty-three years to maintain the integrity of coating systems on equipment and other District assets. The backlog of work has continued to grow over the years forcing the delay of a substantial amount of maintenance work and/or requiring contracting out for painting services. There is a substantial paint work backlog and 25 work orders, on average, are generated per month. As the facilities age and are continuously exposed to chemicals and moisture, the need for coating and painting to protect against deterioration and corrosion is increasing.

The addition of these two positions will help reduce the backlog, overtime, and the amount of work contracted out in order to keep up with the increasing workload.

On a motion made by Director Kite and seconded by Director Fernandez, the Board unanimously approved the new positions of Utility Worker (Mechanic) and Painter in the FMC Workgroup (Director Toy was absent).

AWARDING THE CONSTRUCTION CONTRACT FOR THE JARVIS AVENUE SANITARY SEWER REPLACEMENT PROJECT TO D'ARCY & HARTY CONSTRUCTION, INC.

The Construction Committee reviewed this item. Sami Ghossain stated the Newark Basin Masterplan update, completed in December 2012, identified the 10-inch sanitary sewer on Jarvis Avenue as having high critical ratings due to cracking and sags. This project will replace 2,456 feet of existing 10-inch diameter gravity sewer in Newark. The project was advertised for bids in April 2014 and staff received three bids. D'Arcy & Harty Construction was the lowest bidder with a base bid of \$1,034,736.80. There were a few minor irregularities with their bid, including clerical errors on some bid forms. After consultation with legal counsel and clarification from D'Arcy & Harty, staff recommends waiving them. The bid schedule included one bid alternate which provides for early trench excavation of 416 feet of the proposed alignment prior to commencement of the sewer pipeline installation. This will allow for assessment of interference with other utilities in the immediate vicinity. Staff's recommendation includes awarding Bid Alternate A.

On a motion made by Director Fernandez and seconded by Director Kite, the Board unanimously awarded the construction contract for the Jarvis Avenue Sanitary Sewer Replacement Project to D'Arcy & Harty Construction, Inc. (Director Toy was absent).

AUTHORIZING THE GENERAL MANAGER TO EXECUTE TASK ORDER NO. 2 WITH WEST YOST ASSOCIATES FOR PROVIDING DESIGN SUPPORT SERVICES DURING CONSTRUCTION OF THE JARVIS AVENUE SANITARY SEWER REPLACEMENT PROJECT.

The Construction Committee reviewed this item. Sami Ghossain stated the Newark Basin Masterplan update, completed in December 2012, identified the 10-inch sanitary sewer on Jarvis Avenue as having high critical ratings due to cracking and sags. On August 27, 2013, the GM executed an Agreement and Task Order No. 1 with West Yost Associates for the project design, and on May 28, 2014 the GM executed Amendment No. 1 to Task Order No. 1 to provide for additional work including utilities coordination with PG&E and ACWD.

Task Order No. 2 with West Yost Associates includes meetings and project management, change order assistance and monitoring storm water pollution prevention plan permit compliance. Work under Task Order No. 2 will begin in early July and is expected to be completed by mid-November.

On a motion made by Director Fernandez and seconded by Director Handley, the Board unanimously authorized the General Manager to execute Task Order No. 2 with West Yost Associates for providing design support services during construction of the Jarvis Avenue Sanitary Sewer Replacement Project (Director Toy was absent).

INFORMATION ITEMS:

Check Register. All questions were answered to the Board's satisfaction.

Report on the EBDA Commission Meeting of June 19, 2014. Director Handley reported the following: there was a presentation on options available for evaluation of the condition and useful remaining life of the submerged portion of the outfall; the proposed amendment to the Meyers-Nave legal services contract was discussed; and the sea level rise report from the Adapting to Rising Tides group on potential impacts to northern Alameda County, including the Hayward shoreline was discussed and will be presented at a future Commission meeting.

Pension Actuary Scope of Work. The Budget & Finance Committee reviewed this item. Rich Cortes stated that at the Board Workshop on March 19, 2014 there was a question about what it would cost to pay off the unfunded liability. Staff approached Bartel Associates, an actuarial firm, and asked for assistance in analyzing options for funding the Plan. They responded with a proposal which stated that to fully understand the effects of accelerating the Plan's funding, and consider the risks related to investment return, a detailed contribution rate projection is required. Their base fee for the project is estimated to be \$7,500. If the District would like an executive summary the additional fee would be between \$1,500 and \$2,000, and a presentation at a Board of Directors' meeting would be approximately \$1,500 to \$2,000.

Rich Cortes suggested asking the Purchasing Department to send a proposal request to a wider audience in hopes of receiving bids from more firms. The Board agreed to this alternative. Results will be presented at a future Board meeting.

COMMITTEE MEETING REPORTS:

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

The Legal/Community Affairs Committee also discussed clarification of Board Member Communication and E-mails. Rich Currie stated that Dave O'Hara prepared a draft policy to address the issue of responding to individual e-mails. He distributed a copy to each Board member.

Director Lathi suggested the Board cancel the workshop (which was scheduled after this Board meeting) to discuss Board Communications and E-Mail to give the Directors an opportunity to review the draft policy and reschedule the workshop when Director Toy can attend.

GENERAL MANAGER'S REPORT:

Rich Currie reported the following:

- There are nine candidates who have been identified for testing for the Assistant to the General Manager/Board Secretary position. Candidates will be tested but will not be interviewed until the new General Manager is available.
- Our grant for the Cogeneration Project has been extended to January 2015.
- The GM will be on vacation from June 30 until July 21, 2014. Rich Cortes will be the Acting General Manager, except for June 30, 2014 when Dave Livingston will be the Acting General Manager.

OTHER BUSINESS:

There was no other business.

ADJOURNMENT:

The meeting was adjourned at 7:45 p.m. to a Special Meeting/Closed Session to be held on Wednesday, June 25, 2014 at 4:00 p.m. for the purpose of approving the employment contract for the new General Manager. This Closed Session meeting is authorized by California Government Code Section 54957(b).

The Board will then adjourn to the next Regular Meeting in the Boardroom on Monday, July 14, 2014 at 7:00 p.m.

SUBMITTED:

ATTEST:

CAROL RICE
SECRETARY TO THE BOARD

JENNIFER TOY
SECRETARY

APPROVED:

ANJALI LATHI
PRESIDENT

Adopted this 14th day of July, 2014

**MINUTES OF THE SPECIAL MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
WEDNESDAY, JUNE 25, 2014**

CALL TO ORDER

President Lathi called the meeting to order at 4:10 p.m.

ROLL CALL

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

STAFF: Richard Currie, General Manager
Judi Berzon, Human Resources Administrator
Dave O'Hara, Legal Counsel

VISITORS: Paul Eldredge (for reconvened open session)

ORAL COMMUNICATIONS.

There were no oral communications.

ADJOURN TO CLOSED SESSION.

The Board of Directors adjourned to a Closed Session at 4:15 p.m. for the purpose of discussing the terms and condition of an Employment Agreement for the future General Manager/District Engineer and to negotiate any outstanding elements of the agreement.

RECONVENE TO OPEN SESSION.

The Board reconvened to Open Session at 6:50 p.m. Staff presented the final Employment Agreement signed by the General Manager candidate to the Board for consideration. The Board approved the Employment Agreement between Union Sanitary District and Paul R. Eldredge as the new General Manager and District Engineer for a term commencing August 11, 2014 and ending September 30, 2017. The vote was 5-0.

ADJOURNMENT:

The Board adjourned the Special Meeting at 6:56 p.m. to the next Regular Meeting in the Boardroom on Monday, July 14, 2014 at 7:00 p.m.

SUBMITTED:

ATTEST:

CAROL RICE
SECRETARY TO THE BOARD

JENNIFER TOY
SECRETARY

APPROVED:

ANJALI LATHI
PRESIDENT

Adopted this 14th day of July, 2014



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Richard Currie
*General Manager/District
Engineer*

David M. O'Hara
Attorney

DATE: July 3, 2014

MEMO TO: Board of Directors - Union Sanitary District

FROM: Richard B. Currie, General Manager/District Engineer

SUBJECT: Agenda Item No. 8 - Meeting of July 14, 2014
**California Special Districts Association (CSDA) Election of Region
Three Representative**

Recommendation

Provide direction to staff to submit ballot for election of a CSDA Board of Directors candidate.

Background

CSDA has an 18-member Board of Directors that includes three representatives from each of six regions in California. USD is a member of Region 3, the Bay, Coastal Region. The current candidates for Seat C, Region 3 are:

Stanley R. Caldwell, Mt. View Sanitary District Board Member
Shane McAfee, General Manager, Greater Vallejo Recreation District

The term of the election is three years.

Attached is information for each candidate who submitted a statement.

Stanley R. Caldwell
75 Cecilia Lane
Martinez, California 94553-1455

RE: Election Region 3, Seat C

It has been an honor and a pleasure to serve the California Special Districts Association (CSDA) Membership as Region 3 Director. I look forward to the opportunity to continue to be of service. I have been active and involved in CSDA activities. I have served on the Membership Committee & Fiscal Committee. I am currently vice chair of the Membership Committee. I am the CSDA Past President (2013). I am retired and I have the time, and the commitment required to continue to serve as a director.

I have faithfully and diligently served within my local community. I am a dedicated active board member of Mt. View Sanitary District (MVSD) and have served several times as the board president and I am the current board President. By being an active participant at the California Association of Sanitation Agencies and the CSDA, I enhance my ability to serve in a director position. I am the current MVSD representative to the Local Agency Formation Commission (LAFCO) in Contra Costa County. Contra Costa County has a local CSDA chapter, the Contra Costa Special Districts Association (CCSDA) of which I have been active participant and contributor. For CCSDA I serve as Member at Large and I am the current Newsletter Editor.

If re-elected I would continue to provide the leadership that makes CSDA a success. I will apply my experience, commitment and leadership to be effective, efficient, and responsive to special district needs.

Please consider me for the upcoming election for Director of Region 3 where I will continue to bring my experience and dedication to CSDA.

Thank you for your consideration,



Stanley R. Caldwell
Incumbent CSDA Region 3 Director
Mt. View Sanitary District Board Member

Candidate Statement

Shane McAfee – General Manager, Greater Vallejo Recreation District
smcafee@gvrd.org 707-648-4603

I am excited about the potential of serving the Special Districts of the State of California. I have managed special districts for over 20 years and feel that I have the back ground, interest, and desire to help make a difference.

If elected I do my very best to provide the leadership that makes CSDA successful. I will apply my experience, commitment and leadership to be effective, efficient, and responsive to special district needs. Together, through continued advocacy, education, and the value-added services that CSDA provides, we can positively affect all special districts, their operations and service to constituents. I have the Special District Administrator Certification and I have also completed the CSDA Special District Leadership Academy in Governance Foundations, Setting Direction and Community Leadership, Board's Role in Finance and Fiscal Accountability and Board's Role in Human Resources.

I am very experienced in budgeting, project management, report preparation, public speaking. I believe my dedication to Special Districts makes me an excellent choice to represent local government agencies' interests at CSDA.



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Richard Currie
*General Manager/
District Engineer*

David M. O'Hara
Attorney

DATE: July 7, 2014

MEMO TO: Board of Directors - Union Sanitary District

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

SUBJECT: Agenda Item No. 9 - Meeting of July 14, 2014
Authorizing the General Manager to Execute Task Order No. 4 with West Yost Associates for Providing Design Services for the Newark Backyard Sanitary Sewer Relocation Project – Phase 2

Recommendation

Staff recommends the Board authorize the General Manager to execute Task Order No. 4 with West Yost Associates in the amount of \$230,239 for the design of the Newark Backyard Sanitary Sewer Relocation Project - Phase 2.

Background

The purpose of the Newark Backyard Sanitary Sewer Relocation Project is to improve the existing gravity sewer system within the residential neighborhood located northerly of the intersection of Dairy Avenue and Cherry Street in the City of Newark. The existing sewers have very flat slopes and require frequent and expensive maintenance of the sewers. The sewers are also located in backyard easements and are very difficult to access for maintenance and inspection. The goal of the project is to relocate the existing backyard sewer mains and laterals to the public streets fronting the homes.

Phase 1 of the project included the relocation of 33 sewer laterals from the backyard of homes on Dairy Avenue and Cherry Street in the project area. West Yost and Associates completed the design of Phase 1 and the Board awarded the construction contract to Ranger Pipelines, Inc. on April 28, 2014. Construction is in progress and scheduled for completion in August 2014.

Phase 2 of the project will include the construction of approximately 3,800 feet of new sewer mains to replace existing sewer mains located in backyard easements; and include the relocation of approximately 105 sewer laterals from the backyard to the public street fronting the homes. A location map showing the Phase 2 area is attached. The final phase of the project, Phase 3, will be designed and constructed the following fiscal year.

Task Order No. 4

The scope of services for Task Order No. 4 include:

- Project Management including day-to-day administration, progress meetings and technical reviews
- Public Outreach including contact with property owners, backyard investigations, development of individual lateral plans for each property, and one public meeting
- Surveying and utility mapping for Phase 2 and Phase 3 locations
- Drafting of legal descriptions and plats for easements to be quitclaimed
- Geotechnical Investigation
- Utility Coordination to determine existing utilities
- Design of approximately 3,800 feet of new 8-inch sewer mains and 105 relocated sewer laterals
- Bid Support Services

Task	Description	Amount
1	Project Management	\$ 10,384
2	Public Outreach	\$ 62,137
3	Surveying and Mapping	\$ 41,088
4	Geotechnical Investigation	\$ 9,624
5	Utility Coordination	\$ 31,246
6	Design	\$ 68,530
7	Bid Support Services	\$ 7,230
	Total	\$ 230,239

The preliminary construction cost estimate for Phase 2 is \$3 million. The total for Task Order No. 4 represents 7.8% of the construction cost estimate. The expected percentage for a project of this size is 6-8%. The Surveying and Mapping and Geotechnical Investigation efforts will encompass the work for Phase 2 and for the future Phase 3 design. Additionally, there is a significant public outreach effort for this project.

A summary of West Yost & Associates' Task Orders to the agreement is as follows:

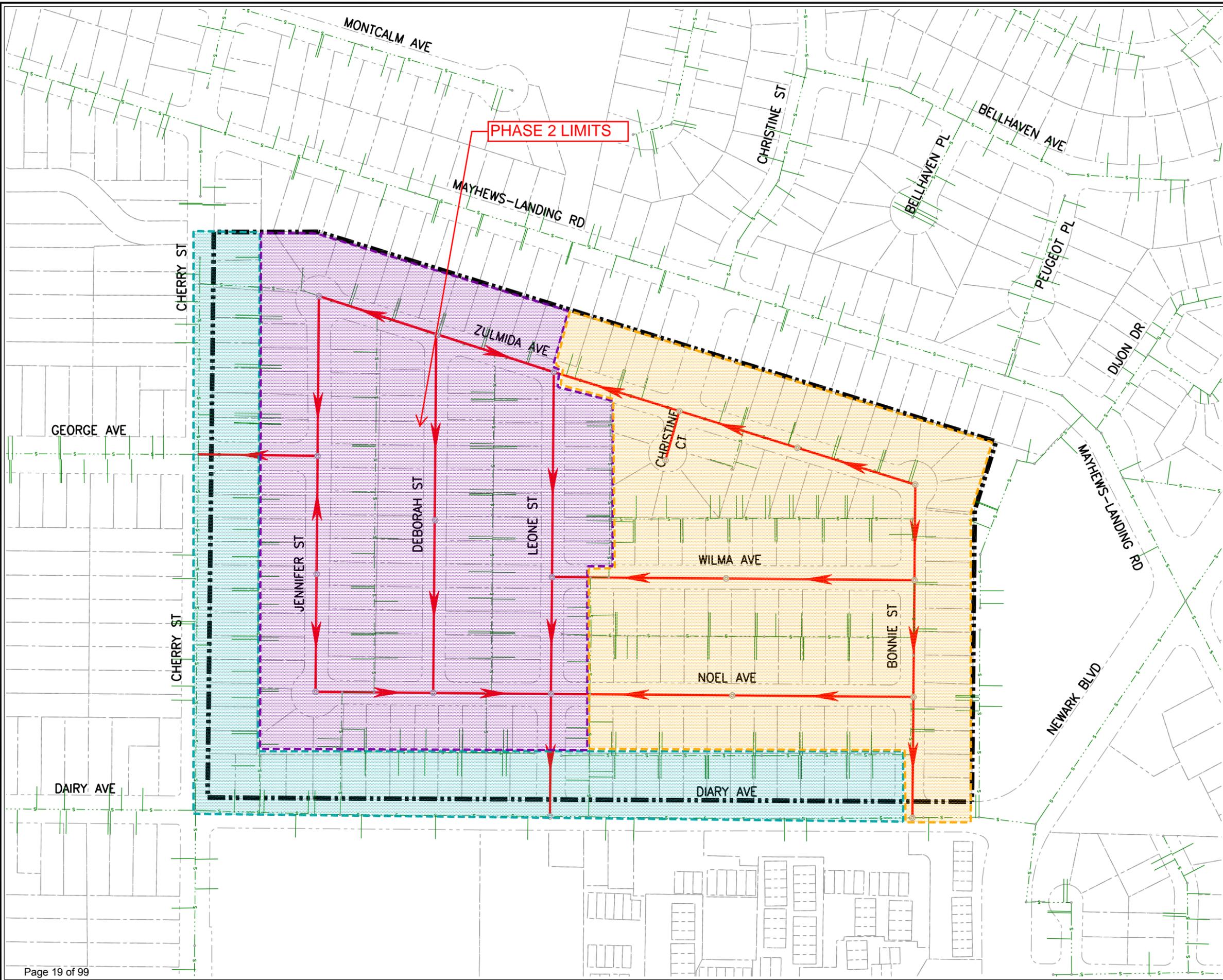
TASK ORDER	DESCRIPTION	AMOUNT
1	Preliminary design and evaluation services for Newark Backyard Sanitary Sewer Relocation Project	\$52,772
2	Final design services for Newark Backyard Sanitary Sewer Relocation Project – Phase 1	\$76,352
3	Engineering services during construction of Newark Backyard Sanitary Sewer Relocation Project	\$15,262
4	Final design services for Newark Backyard Sanitary Sewer Relocation Project – Phase 2	\$230,239
	Total	\$374,625

Design of the Newark Sanitary Sewer Relocation Project - Phase 2 is scheduled for completion in February 2015, with construction to follow in Spring 2015.

Staff recommends the Board authorize the General Manager to execute Task Order No. 4 with West Yost & Associates in the amount of \$ 230,239 for the design of the Newark Backyard Sanitary Sewer Relocation Project - Phase 2.

RBC/SG/RA/AB;ks

Attachments: Location Map
 Task Order No. 4

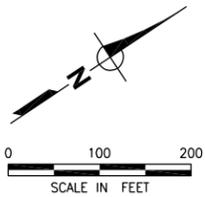


LOCATION MAP

Union Sanitary District
Newark Backyard Sewer
Relocation Project

PROPOSED PROJECT
PHASES
(DESIGN OF PHASE 2 ONLY)

- LEGEND**
- PROJECT BOUNDARY
 - EXISTING SEWER
 - EXISTING LATERALS
 - EXISTING MANHOLES
 - PROPOSED NEW SEWER
 - PROPOSED NEW MANHOLES
 - PHASE 1 (UNDER CONSTRUCTION)
 - PHASE 2 (PROJECT LIMITS)
 - PHASE 3 (FUTURE PROJECT)



**NEWARK BACKYARD SANITARY SEWER RELOCATION PROJECT – PHASE 2
(USD Project No. _____)**

**TASK ORDER NO. 4
TO
AGREEMENT DATED JULY 18, 2012**

**BETWEEN UNION SANITARY DISTRICT
AND WEST YOST ASSOCIATES FOR
PROFESSIONAL SERVICES**

1. PURPOSE

The purpose of Task Order No. 4 is to authorize the final design of Phase 2 of the Newark Backyard Sanitary Sewer Relocation Project (Project). Phase 2 of the Project will relocate existing backyard sewer mains and sewer laterals for approximately 105 homes and connect them to new sewer mains on Jennifer Street, Deborah Street, Leone Street, Noel Avenue, and Zulmida Avenue as shown on Exhibit A. The new sewer mains consist of approximately 3,850 linear feet of 8-inch diameter sewer installed by open-cut construction.

The scope of work includes project management, public outreach, surveying, mapping, utility coordination, design, and bid support services.

2. SCOPE OF SERVICES

The task numbers in this Scope of Services relate directly to the costs presented in Item 5, Payment to the Engineer, and the schedule presented in Item 6, Time of Completion. Deliverables to be received by Union Sanitary District (District) are described in Item 3, Deliverables. Optional tasks shown shall not be performed without authorization from the District.

TASK 1. PROJECT MANAGEMENT

This task will include project management activities, including day-to-day administration, progress meetings and technical reviews.

Subtask 1.01—Project Administration. Monitor progress of individual tasks and coordinate completion of work products. Monitor task budgets and project schedule. Schedule changes, if required, will be provided.

Subtask 1.02—Progress Meetings. Attend a project kick-off meeting and up to two progress meetings (during the design phase) with District staff to discuss and review progress and significant action items. Engineer will prepare and submit meeting agendas and minutes.

Subtask 1.03—Technical Reviews. Technical reviews will be conducted by the Principal-in-Charge, Project Manager, and a senior staff member not directly involved in the project.

TASK 2. PUBLIC OUTREACH

This task includes services for public outreach support.

Subtask 2.01—Letter to Property Owners. West Yost will assist the District with property owner notification by assisting with preparation of a District letter (District letterhead). The letter will identify the proposed design efforts including surveying and backyard data collection. West Yost will provide copies of the letters in electronic format (PDF and MS Word). The District will provide printing and mailing services for project flyers and letters.

Subtask 2.02—Preliminary Property Figures. West Yost will prepare a preliminary figure (8-1/2" x 11") for each property to take along during backyard investigations to assist in recording information and collecting data. West Yost has assumed up to 24 hours to prepare preliminary figures for 105 properties.

Subtask 2.03—Backyard Investigations. Working with District staff, West Yost will attempt to obtain approval of each resident prior to entering back yard to collect data. West Yost will provide a liaison to meet with each property owner/resident to document existing information, take photographic records of properties and identify the most likely alignment of the lateral relocation. West Yost will make up to three separate visits for each property. West Yost will not enter backyards without receiving the permission of the resident. A Spanish speaking interpreter will be provided during site visits. West Yost has assumed up to 100 hours of investigation time each for an engineer and Spanish interpreter.

Subtask 2.04—Private Lateral Construction Figures. West Yost will prepare proposed construction figures (two 8-1/2" x 11" pages) for each property generally showing hardscape features (fences, driveways, sidewalks, patios) along the proposed private lateral alignment. The figure will be drawn in AutoCAD and will include features, proposed lateral location, site photographs, and proposed lateral relocation. The figures will be included with the Bid Documents as an appendix. West Yost has assumed up to 180 hours to prepare the Proposed Construction Figures for 105 properties.

Subtask 2.05—Review Proposed Lateral Construction with Residents. The District will conduct a second meeting with each resident to review the proposed construction for each owner/resident and will obtain their written approval of a construction license (form provided by District) authorizing the work. West Yost has assumed that it is not necessary for West Yost staff to accompany the District for the second meeting. West Yost has assumed up to 20 hours to revise Proposed Construction Figures as requested by the District.

Subtask 2.06—Public Meeting. The District will prepare a presentation and conduct one public meeting for local residents. The presentation will identify the project boundaries, purpose and reason for the project, description of the proposed construction, and impacts and benefits to the business, property owner, and resident. The meeting location and advertisement will be coordinated by the District. If requested by the District, West Yost shall attend the public meeting. West Yost has assumed 2 hours of each staff member's time for attendance at the meeting.

TASK 3. SURVEYING AND MAPPING

This task includes mapping, surveying, and preparing plat and legal descriptions by our sub-consultant, Wilsey-Ham.

Subtask 3.01—Topographic Survey of Roadways. Base mapping will use a combination of aerial photogrammetry, ground surveys, and GPS. The mapping will include topography from 5-foot behind back of sidewalk to 5-foot behind back of sidewalk, surface features (pavement, curb, gutters, sidewalks, driveways, medians, trees), utilities, dipping sewer and storm manholes, and 1/2-foot contours. Survey will cover both Phase 2 and 3 of the Project.

Subtask 3.02—Plats and Legal Descriptions. It is assumed that the District will prepare and file a quitclaim document for sewer easements that will be quitclaimed. The Engineer will prepare up to two plats and legal descriptions for each easement to be quitclaimed. Plats and legal descriptions will be prepared based on record information only; no boundary survey is included.

TASK 4. GEOTECHNICAL INVESTIGATION

The Engineer, through our sub-consultant Questa Engineering, shall perform a geotechnical investigation and related permitting services.

Subtask 4.01—Geotechnical Permitting, Investigation, Lab Testing, and Summary Report. Obtain an encroachment permit from the City of Newark and a drilling permit from Alameda County Water District. Coordinate with Underground Service Alert (USA) to mark proposed boring locations. The subsurface investigation shall consist of one day of drilling (anticipated up to 4 test borings to a maximum depth of 15 feet). Anticipated traffic control includes signage and static cones. A report summarizing the geotechnical findings and borehole logs will be prepared. Geotechnical investigation will cover both Phase 2 and 3 of the Project.

TASK 5. UTILITY COORDINATION

This task includes services for utility coordination, potholing, permitting, and agency coordination.

Subtask 5.01—Review Existing Information. Review existing information including block book information, record drawings, TV inspection logs and tapes, previous studies, and general site reconnaissance of the area.

Subtask 5.02—Utility Coordination. At the beginning of the design phase, utility coordination letters will be mailed to all known utility companies within the project area for courtesy notification and to identify utility locations and receive utility comments. Preliminary drawings will also be mailed to the utility companies following the 75 and 90 percent design submittal. Review responses from agencies and update drawings as required.

Subtask 5.03—Utility Potholing (Optional). If it is determined during preliminary design that utility potholing is necessary, potholing will be completed by a subcontractor hired by West Yost. West Yost has assumed a total of two days of potholing.

Subtask 5.04—Permits and Agency Coordination. Engineer will coordinate with City of Newark. Engineer will determine City requirements and complete an encroachment permit application form for District’s signature. The District will pay for the permitting fees.

TASK 6. DESIGN

This task will prepare a final design to relocate sewer mains and private laterals from the backyard to the front using a combination of open cut construction (for connections and where necessary) and horizontal directional drilling (HDD).

Subtask 6.01—Design Drawings. Drawings will be prepared using AutoCAD conforming to USD digital submittal guidelines. The design will be plotted at a scale of 1”=40’ horizontal and 1”=4’ vertical plan and profiles and appropriately scaled details. Approximately 15 drawing sheets are anticipated. The backyard figures developed in Subtask 2.3 will be included in the Bid Documents as an appendix.

Subtask 6.02—Specifications. Specifications will be prepared in Microsoft Word format. Engineer will prepare technical specifications, notice inviting bids, instructions to bidders, bid schedule and supplementary general conditions in CSI format and based on District Standards. District will provide contract documents, general conditions and general requirements in Microsoft Word Format.

Subtask 6.03—Construction Cost Estimate. Engineer will develop a construction cost estimate at the 75, 90 and 100 percent design completion levels.

TASK 7. BID SUPPORT SERVICES

The purpose of this task is to assist the District during the bidding of the Project. The District will advertise and distribute bid documents.

Subtask 7.01—Prebid Meeting. The District will conduct the pre-bid meeting and prepare minutes for distribution. West Yost will attend the pre-bid meeting.

Subtask 7.02—Bidder Inquiries and Bid Evaluation. West Yost will assist in answering bidders’ technical questions during the bid period. Engineer will assist District in bid evaluation.

Subtask 7.03—Addenda. West Yost will prepare addenda during the bid period to be distributed by the District.

3. DELIVERABLES

Project deliverables are listed below:

- Meeting agendas, meeting minutes, and project schedule updates.
- Five sets of draft plans and specifications at 75 and 90 percent completion levels.
- One set of 100 percent completion level plans and specifications in Word and PDF format for printing and bid advertisement.
- Cost estimate at 75, 90 and 100 percent completion levels.
- Drawing files in AutoCAD 2013 format stored in disc.
- Addenda and email documentation of phone conversations with bidders.

4. PROJECT COORDINATION

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

5. PAYMENT TO THE ENGINEER

Compensation shall be on a time and materials cost basis for services provided under Article 2 of this Agreement in accordance with the Billing Rate Schedule contained in Exhibit B (updated annually) except that sub-consultants will be billed at actual cost plus 5 percent, outside services will be billed at actual cost, and mileage will be billed at prevailing IRS standard mileage rate. The billing rate schedule is generally comparable to a labor multiplier of approximately 3.22.

The estimated costs for Tasks 1 through 7 are presented in Exhibit C. Total charges to the District shall not exceed the total cost, including optional tasks, of \$230,239 without written authorization from the District. The total cost shall be adjusted based on the optional tasks that are authorized by the District.

The following table summarizes all task orders and amendments, if any, including those previously executed under the Agreement, ending with this Task Order:

Task Order / Amendment	Not to Exceed Amount	Board Authorization Required? (Yes/No)	District Staff Approval
Task Order No. 1 Preliminary Design	\$52,772	No	Rich Currie
Task Order No. 2 Phase 1 Detailed Design	\$76,352	Yes	Rich Currie
Task Order No. 3 Phase 1 Services During Construction	\$15,262	No	Sami Ghossain
Task Order No. 4 Phase 2 Detailed Design	\$230,239	Yes	Rich Currie
Total	\$374,625		

6. TIME OF COMPLETION

All work defined in Item 2 shall be completed in accordance with the project schedule shown in Exhibit D.

7. KEY PERSONNEL

Key engineering personnel or sub-consultants assigned to Task Order No. 4 are as follows:

Role	Personnel/Subconsultant
Principal-in-Charge	Bruce G. West
Project Manager/Engineer	John D. Goodwin
Project Engineer	Thea Durbin
Project Engineer	David Pezzini
Geotechnical Engineer	Willard Hopkins, Questa Engineering
Surveyor	Wilsey-Ham, Ken Moore

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

IN WITNESS WHEREOF, the parties hereto have made and executed this Task Order No. 4 as of _____ and therewith incorporated it as part of the Agreement.

ENGINEER:

DISTRICT:

WEST YOST & ASSOCIATES

UNION SANITARY DISTRICT

By: _____
John D. Goodwin
Vice President

By: _____
Richard B. Currie
General Manager

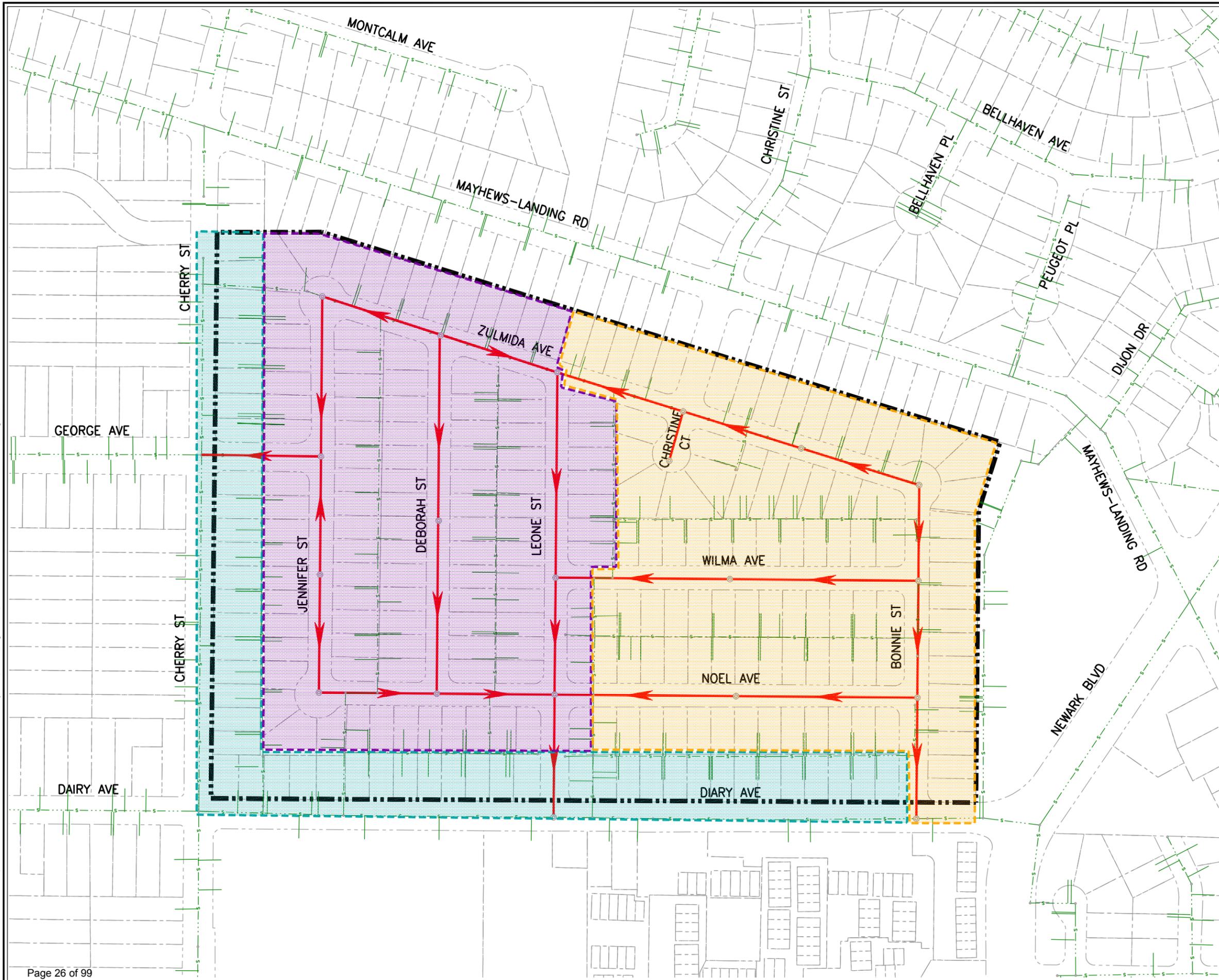
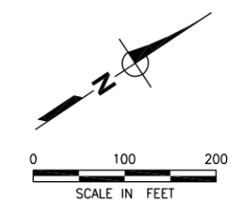


EXHIBIT A

Union Sanitary District Newark Backyard Sewer Relocation Project

PROPOSED PROJECT PHASES (DESIGN OF PHASE 2 ONLY)

- LEGEND**
- PROJECT BOUNDARY
 - EXISTING SEWER
 - EXISTING LATERALS
 - EXISTING MANHOLES
 - PROPOSED NEW SEWER
 - PROPOSED NEW MANHOLES
 - PHASE 1 (UNDER CONSTRUCTION)
 - PHASE 2 (PROJECT LIMITS)
 - PHASE 3 (FUTURE PROJECT)



WEST YOST ASSOCIATES, INC.
2014 Billing Rate Schedule

(Effective January 1, 2014 through December 31, 2014)*

Position	Labor Charges (dollars per hr)
Principal/Vice President	240
Engineering Manager	229
Principal Engineer/Scientist	207
Senior Engineer/Scientist/GIS Analyst	186
Associate Engineer/Scientist	169
GIS Analyst	164
Engineer II/Scientist II	147
Engineer I/Scientist I	126
Construction Manager III	186
Construction Manager II	169
Construction Manager I	158
Resident Inspector III	140
Resident Inspector II	129
Resident Inspector I	115
Sr. Designer/Sr. CAD Operator	120
Designer/CAD Operator	107
Technical Specialist III	120
Technical Specialist II	104
Technical Specialist I	87
Engineering Aide	71
Administrative IV	109
Administrative III	98
Administrative II	82
Administrative I	66

Hourly labor rates include Direct Costs such as general computers, system charges, telephone, fax, routine in-house copies/prints, postage, miscellaneous supplies, and other incidental project expenses.

Outside Services such as vendor reproductions, prints, shipping, and major West Yost reproduction efforts, as well as Engineering Supplies, Travel, etc. will be billed at actual cost.

Mileage will be billed at the current Federal Rate.

Subconsultants will be billed at actual cost plus 5%.

Computers are billed at \$25 per hour for specialty models and AutoCAD.

Expert witness, research, technical review, analysis, preparation and meetings billed at 150% of standard hourly rates. Expert witness testimony and depositions billed at 200% of standard hourly rates.

A Finance Charge of 1.5% per month (an Annual Rate of 18%) on the unpaid balance will be added to invoice amounts if not paid within 45 days from the date of the invoice.

WEST YOST ASSOCIATES, INC.

2014 Billing Rate Schedule

(Cont'd.)

(Effective January 1, 2014 through December 31, 2014)*

SURVEYING AND EQUIPMENT CHARGES

Position	Labor Charges (dollars per hr)
GPS, 3-Person	366
GPS, 2-Person	317
GPS, 1-Person	246
Survey Crew, 2-Person	268
Survey Crew, 1-Person	202

EQUIPMENT CHARGES

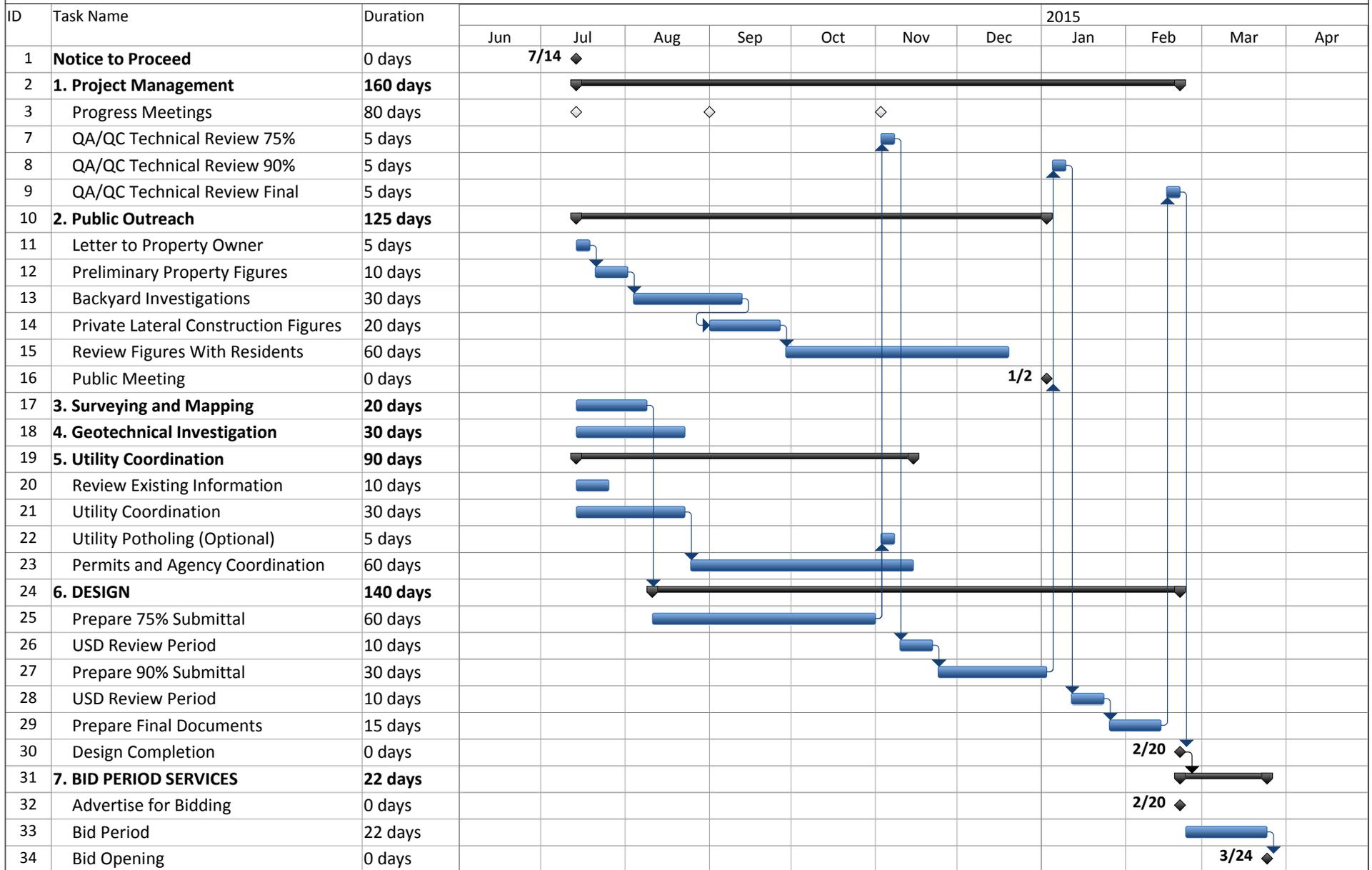
Equipment	Billing Rate (dollars per day)	Billing Rate (dollars per week)
DO Meter	16	81
pH Meter	5	26
Automatic Sampler	128	698
Transducer/Data Logger	40	202
Hydrant Pressure Gage	11	49
Hydrant Pressure Recorder (HPR)	—	202
Hydrant Wrench	5	32
Pitot Diffuser	29	132
Well Sounder	29	132
Ultrasonic Flow Meter	—	264
Vehicle	87	437
Velocity Meter	11	64
Water Quality Multimeter	173	946
Thickness Gage	—	70

West Yost Associates	P \$240 Goodwin	SE/SS \$186 Durbin	ESII \$147 Pezzini	ADMIV \$109	ADMII \$82	Labor		Drafting		Sub. WILH	Sub. QUES	Sub. EXAR	Costs			
						Hours	Fee	Hours	Fee \$25				Sub. w/ markup 5%	Other Direct	Total Costs	
PROJECT: Newark Backyard Sewer Phase 2 Design																
Task 1 Project Management																
1.01 Project Administration	8	8				16	\$ 3,408								\$ 3,408	
1.02 Progress Meetings	8	8	4			20	\$ 3,996						\$ 100	\$ 4,096		
1.03 Technical Reviews	12					12	\$ 2,880							\$ 2,880		
Subtotal, Task 1 (hours)	28	16	4	0	0	48		0								
Subtotal, Task 1 (\$)	\$ 6,720	\$ 2,976	\$ 588				\$ 10,284							\$ 100	\$ 10,384	
Task 2 Public Outreach																
2.01 Letter to Property Owner		2		1		3	\$ 481							\$ 481		
2.02 Preliminary Property Figures			24			24	\$ 3,528							\$ 3,528		
2.03 Backyard Investigations	2	30	70		100	202	\$ 24,550						\$ 200	\$ 24,750		
2.04 Private Lateral Construction Figures	2	60	120			182	\$ 29,280						\$ 100	\$ 29,380		
2.05 Review Proposed Lateral Construction with Residents		4	16			20	\$ 3,096							\$ 3,096		
2.06 Public Meeting	2	2				4	\$ 852						\$ 50	\$ 902		
Subtotal, Task 2 (hours)	6	98	230	1	100	435		0								
Subtotal, Task 2 (\$)	\$ 1,440	\$ 18,228	\$ 33,810	\$ 109	\$ 8,200		\$ 61,787							\$ 350	\$ 62,137	
Task 3 Surveying and Mapping																
3.01 Topographic Survey of Roadways		8	8			16	\$ 2,664			\$ 26,100			\$ 27,405	\$ 30,069		
3.02 Plats and Legal Descriptions	2	8	8			18	\$ 3,144			\$ 7,500			\$ 7,875	\$ 11,019		
Subtotal, Task 3 (hours)	2	16	16	0	0	34		0								
Subtotal, Task 3 (\$)	\$ 480	\$ 2,976	\$ 2,352				\$ 5,808			\$ 33,600			\$ 35,280	\$ 41,088		
Task 4 Geotechnical Investigation																
4.01 Geotechnical Investigation, Lab Testing and Report	2	4				6	\$ 1,224			\$ 8,000			\$ 8,400	\$ 9,624		
Subtotal, Task 4 (hours)	2	4	0	0	0	6		0								
Subtotal, Task 4 (\$)	\$ 480	\$ 744					\$ 1,224			\$ 8,000			\$ 8,400	\$ 9,624		
Task 5 Utility Coordination																
5.01 Review Existing Information	2	8	24			34	\$ 5,496							\$ 5,496		
5.02 Utility Coordination		8	40	4		52	\$ 7,804						\$ 200	\$ 8,004		
5.03 Utility Potholing (Optional)	2	2	16			20	\$ 3,204			\$ 10,000			\$ 10,500	\$ 13,804		
5.04 Permits and Agency Coordination	4	8	8	2		22	\$ 3,842						\$ 100	\$ 3,942		
Subtotal, Task 5 (hours)	8	26	88	6	0	128		0								
Subtotal, Task 5 (\$)	\$ 1,920	\$ 4,836	\$ 12,936	\$ 654			\$ 20,346				\$ 10,000		\$ 10,500	\$ 400	\$ 31,246	
Task 6 Design																
6.01 Design Drawings	24	140	140			304	\$ 52,380							\$ 500	\$ 52,880	
6.02 Specifications	8	24	24	30		86	\$ 13,182							\$ 500	\$ 13,682	
6.03 Construction Cost Estimate	2	8				10	\$ 1,968							\$ 1,968		
Subtotal, Task 6 (hours)	34	172	164	30	0	400		0								
Subtotal, Task 6 (\$)	\$ 8,160	\$ 31,992	\$ 24,108	\$ 3,270			\$ 67,530							\$ 1,000	\$ 68,530	
Task 7 Bid Support Services																
7.01 Prebid Meeting	4	4				8	\$ 1,704							\$ 100	\$ 1,804	
7.02 Bidder Inquiries and Bid Evaluation	8	8				16	\$ 3,408							\$ 3,408		
7.03 Addenda	2	8				10	\$ 1,968							\$ 50	\$ 2,018	
Subtotal, Task 7 (hours)	14	20	0	0	0	34		0								
Subtotal, Task 7 (\$)	\$ 3,360	\$ 3,720					\$ 7,080							\$ 150	\$ 7,230	
TOTAL (hours)	94	352	502	37	100	1,085		0								
TOTAL (\$)	\$ 22,560	\$ 65,472	\$ 73,794	\$ 4,033	\$ 8,200		\$ 174,059			\$ 33,600	\$ 8,000	\$ 10,000	\$ 54,180	\$ 2,000	\$ 230,239	

EXHIBIT D

**NEWARK BACKYARD SANITARY
SEWER RELOCATION PROJECT - PHASE 2
UNION SANITARY DISTRICT**

Updated: Wed 6/11/14





Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Richard Currie
*General Manager/
District Engineer*

David M. O'Hara
Attorney

Date: June 30, 2014

To: Board of Directors - Union Sanitary District

From: Richard B. Currie, General Manager/District Engineer
Roslyn Fuller, Purchasing Agent
David M. O'Hara, Legal Counsel

Subject: Agenda Item No. 10 - Meeting of July 14, 2014
Consider Claim of Jean Ciardelli for Sewer Overflow Damage

Recommendation:

Deny the claim, since there does not appear to be any responsibility of Union Sanitary District for the blockage of the sewer lateral.

Background:

On June 8, 2014, Jean Ciardelli, owner of 37417 and 37469 Glenmoor Drive, Fremont made a claim against Union Sanitary District for \$3,310.60 for repairs to unoccupied offices due to back-up of toilets at her properties, which was discovered on May 16, 2014. The USD collection forces had cleaned the main sewer line in front of the property on May 8, 2014. Prior to the claim being presented the collection service coach and manager both investigated, and both found that the problem could not have been caused by USD performing sewer main cleaning.

The plumber clearing the blockage noted that there is a device which would have prevented this sort of problem. This would be a back-flow preventer (BFP), which is not required of all sewer laterals, and would have only prevented the flooding in the building, if it was upstream of the blockage in the lateral. Regardless of where the blockage was in the private sewer, it was not caused by USD. The claim which was presented did include receipts for the elements of the damage claimed.

Therefore, there being no apparent liability of Union Sanitary District, the claim should be denied, and legal counsel directed to send the formal notice to the homeowner of the action.

Conclusion:

The Board should deny the claim and request that legal counsel inform the claimant of the Board's action.



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: July 7, 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
Chris Elliott, Associate Engineer

SUBJECT: Agenda Item No. 11 - Meeting of July 14, 2014
**Authorizing the General Manager to Execute Task Order No. 2 with
Harris & Associates for Providing Construction Management
Services for the Jarvis Avenue Sanitary Sewer Replacement Project**

Recommendation

Staff recommends the Board authorize the General Manager to execute Task Order No. 2 with Harris & Associates in the amount of \$122,500 to provide construction management services for the Jarvis Avenue Sanitary Sewer Replacement Project (Project). Funds for the project have been budgeted in the Renewal and Replacement Fund.

Background

The Newark Basin Masterplan update, completed by RMC Water & Environment in December of 2012, identified the 10-inch sanitary sewer on Jarvis Ave. as having high critical ratings due to cracking and sags. Staff has reviewed the television inspections performed by Collection Services and confirmed that the sewer is in poor structural condition and that there are extensive defects that require immediate attention.

The Project will replace 2,456 feet of existing 10-inch diameter gravity sewer which runs along Jarvis Ave. from Lake Blvd. to Newark Blvd. in Newark. Please see the location maps provided in Exhibit A. The project scope of work also includes abandonment of 836 feet of existing 10-inch sanitary sewer, removal or abandonment of 4 existing manholes, construction of 7 new manholes, extension of existing sewer laterals to new sewer mains and installation of cleanouts, sewage flow control, and traffic control.

On June 23, 2014, the Board of Directors awarded the construction contract to D'Arcy & Harty Construction, Inc. in the amount of \$1,034,736.80.

Task Order No. 2

The purpose of Task Order No. 2 is to authorize construction management services to Harris & Associates for the duration of the Project. The negotiated cost proposal is \$122,500, which represents 11.8% of the construction contract. Typical fees for this kind of a project range between 8% and 10%. Even though the fee percentage for Task Order No. 2 is above the range, staff believes this to be reasonable given the four-month construction period and the need for a full-time construction manager to monitor the construction activities. The construction will take place on a busy street with major shopping centers and within the intersection of Jarvis Avenue and Newark Boulevard for a portion of the pipeline. Additionally, the contractor will excavate and expose several crossings of natural gas pipelines and other underground utilities.

The scope of work for Task Order No. 2 includes conducting pre-construction surveys, contractor schedule review, processing of submittals and clarification requests, processing of progress payments and change order requests, construction inspection, and general contract administration.

The Harris & Associates construction manager is very knowledgeable and experienced, having completed several large capital projects for the City of San Diego, the FY 2014 Gravity Sewer Rehabilitation Project for the Ross Valley Sanitary District, and currently serving as construction manager for USD's Newark Backyard Sanitary Sewer Relocation Project – Phase 1.

Work under Task Order No. 2 will begin in July 2014, and the Project is expected to be completed by mid-November 2014.

A summary of Harris & Associates' Task Orders to the Agreement dated June 23, 2014 is as follows:

TASK ORDER	DESCRIPTION	AMOUNT
1	Construction management services for Newark Backyard Sanitary Sewer Relocation Project – Phase 1	\$37,760
2	Construction management services for Jarvis Avenue Sanitary Sewer Replacement Project	\$122,500
	Total	\$160,260

Staff recommends the Board of Directors authorize the General Manager to execute Task Order No. 2 with Harris & Associates in the amount of \$122,500 to provide construction management services for the Jarvis Avenue Sanitary Sewer Replacement Project.

RBC/SG/RC/CE;ks

Attachments: Exhibit A
Task Order No. 2



PROJECT LIMITS



**EXHIBIT A
JARVIS AVENUE SEWER PROJECT
LOCATION MAP**

**JARVIS AVENUE SANITARY SEWER REPLACEMENT PROJECT
(USD Project No. 800-403)**

**TASK ORDER NO. 2
TO
AGREEMENT DATED JUNE 24, 2014
BETWEEN UNION SANITARY DISTRICT
AND HARRIS & ASSOCIATES FOR
PROFESSIONAL SERVICES**

1. PURPOSE

The purpose of Task Order No. 2 is to authorize construction management and inspection services during the construction of the Jarvis Avenue Sanitary Sewer Replacement Project (Project).

Construction management and inspection services to be provided during construction include attendance at meetings, coordinating responses to requests for information and design clarification, review and processing of change order requests, and other services detailed in Section 2. Scope of Services below.

2. SCOPE OF SERVICES

Task 1 - Preconstruction Phase Activities

- 1.1 Document Review
- 1.2 Document Management System

Task 2 - Construction Management Services

- 2.1 Communications and Correspondence
- 2.2 Change Management
- 2.3 Monthly Construction Progress Reports
- 2.4 Schedule Monitoring
- 2.5 Cost Monitoring
- 2.6 Progress Coordination/Meetings
- 2.7 Payment Recommendations
- 2.8 Safety
- 2.9 Environmental Coordination
- 2.10 Request for Information (RFI) Management
- 2.11 Document Management
- 2.12 Construction Change Order Review and Recommendations

Task 3 - Construction Inspection Activities

- 3.1 Inspection and Documentation
- 3.2 Materials Testing
- 3.3 Maintain Photographic and Video Records of Construction Progress
- 3.4 Review and Maintain “As Built” Drawings
- 3.5 Final Acceptance - Punch List Assistance
- 3.6 Final Inspection and Punch List

Task 4 - Construction Closeout Activities

- 4.1 Contract Closeout
- 4.2 Project As-Built Drawings
- 4.3 Final Project Report
- 4.4 Final Payment

Task 1 - Pre-Construction Phase Services

- 1.1 Document Review

Purpose:

To familiarize field staff with bidding documents, geotechnical reports and other technical reports to be utilized during the construction period.

Approach:

Construction manager shall review conformed plans and specifications and design and pre-construction documents.

Assumptions:

- 1. District will provide one full-size set of conformed plans, half-size set of conformed plans, two sets of specifications and one copy of the geotechnical report.

Deliverables:

- 1. Reviewed contract documents with notations of potential issues requiring immediate attention.

1.2 Document Management System

Purpose:

The purpose of this subtask is to establish a system for the timely logging, filing, tracking and management of project related correspondence to assure timely responses, provide a record of communications to enable efficient retrieval and establish the chronology of events for use in dispute resolution.

Approach:

Harris shall set up a document tracking system, Oracle Primavera Contract Manager, to maintain project files for the project office.

Assumptions:

1. Actual logging, filing, and tracking of project information shall be performed under separate tasks and subtasks.
2. The Harris File Index shall be adopted for all project files.

Deliverables:

1. Implementation of a computerized document management system including written procedures for use of the Harris project team.

Task 2 - Construction Management Services**2.1 Communications and Correspondence****Purpose:**

To provide and/or facilitate effective communications, on behalf of the District among all stakeholders in the administration of the construction contract.

Approach:

Harris shall obtain all pertinent information as required to develop a project directory of all key personnel working on the project. Harris shall develop a graphic chart indicating the proper flow of correspondence. Harris shall log all information received from the Contractor and others, in Contract Manager. Lastly, Harris shall prepare and/or forward appropriate responses, obtaining District approval when required.

Assumptions:

1. The Harris Correspondence Log shall be used for all correspondence received from the District, the Contractor and others.
2. All original correspondence shall remain with the Harris project files. Only copies shall be distributed, with the exception of shop drawing submittals.
3. The Harris project files shall be turned over to the District upon conclusion of the project.

Deliverables:

1. Written logs of information received from the District, the Contractor and/or others.
2. All original correspondence.
3. Harris project files.

2.2 Change Management**Purpose:**

To provide a system for logging and tracking all changes on the project.

Approach:

Harris shall review potential change orders for contractual and technical merit, prepare independent cost estimates and schedule analysis of work as necessary, and consult with the District on change orders. Harris shall prepare change orders with all required support

documentation for execution by the District. Harris shall keep the District apprised of cumulative changes in project cost and project duration.

Assumptions:

1. Harris shall obtain final approval of all project cost and/or project time changes from the District prior to authorizing the Contractor to proceed with changes.
2. Harris shall prepare official change order documentation to be processed with the Contractor's regular application for payment.

Deliverables:

1. Independent cost estimates.
2. Change orders ready for execution.
3. Change order summary reports.

2.3 Monthly Construction Progress Reports

Purpose:

To keep the District apprised of the project status during the prescribed construction period.

Approach:

Prepare a brief monthly report that provides construction status to the District and other involved parties. The monthly report shall contain, at a minimum, the following:

1. Status of Contractor's schedule and what the Contractor is doing to maintain or catch up if the schedule has slipped. While the focus shall be on critical path items, other items that might become critical shall be discussed in the report.
2. Construction costs incurred for the month.
3. Potential Issues, pending change orders and executed change orders.
4. Photographs to show construction activities and for clarity for special issues.

Assumptions:

1. District will assist Harris in the initial formatting of the first report.

Deliverables:

1. Monthly progress report

2.4 Schedule Monitoring

Purpose:

To monitor and review the Contractor's schedule, after acceptance of baseline schedule, to ensure project is not being delayed over issues within the control of the Contractor.

Approach:

Harris shall develop procedures, using available software, to review the Contractor's monthly schedule updates for logic, duration, and resource changes. Harris shall notify the Contractor of discovered changes and document the Contractor's response, for the record. Harris shall keep the District apprised of the Contractor's current construction schedule.

Assumptions:

Contract specifications will require the Contractor to use Critical Path Method (CPM) scheduling tools/software. The preferred scheduling software is P6 by Primavera. Gant charts shall be strictly forbidden.

Deliverables:

1. Monthly analysis, review, and comments to Contractor and District.

2.5 Cost Monitoring

Purpose:

To provide the District with a system that is easy to understand and provides up-to-date cost information for making timely decisions.

Approach:

Harris shall generate reports for the purpose of monitoring anticipated and actual cost outlays.

Assumptions:

The District will provide direction regarding desired cost monitoring information and report formats.

Deliverables:

1. Monthly cost monitoring reports, in a format to be determined with agreement by the District.

2.6 Progress/Coordination Meetings

Purpose:

To provide a weekly forum for the review of the project status, the look-ahead schedule, outstanding RFIs and submittals, and project issues.

Approach:

Harris shall conduct regular progress/coordination meetings, to be attended by the District, West-Yost when requested, the Contractor, Harris and invitees. Harris shall request the District and the Contractor to submit agenda items for the meetings. Using the proposed agenda items and agenda items developed in house, Harris shall prepare a comprehensive agenda for the meeting and distribute the agenda to all parties scheduled to attend. Following the meeting, Harris shall distribute meeting minutes, requesting either the concurrence of those who attended, or suggested corrections to the minutes. Minutes shall be filed as either approved or amended.

Assumptions:

1. The District, West-Yost when requested and Contractor's staffs will be able to meet on a regular basis with minimal absences.
2. Meetings shall not take place more than once a week and shall not last longer than one hour.

3. The Contractor will submit a look-ahead schedule (3-week) at each meeting noting any potential schedule impacts.

Deliverables:

1. Agenda with status of open items from previous meetings.
2. Meeting minutes, for review, with action items noted.
3. Amended meeting minutes, if required.
4. Submittal, Issues log, Change Order log and RFI and RFQ working logs.

2.7 Payment Recommendations

Purpose:

To verify that the Contractor's request for payment does not represent more than an amount that is reasonable for the work done on a monthly basis. To prepare progress payment recommendations on behalf of the District for work completed and materials stored on hand (if allowed).

Approach:

Harris shall review and approve the Contractor's monthly progress based on the percentage of work activities complete. The Contractor will submit a certified application for payment to Harris for final review. Once approved, Harris shall prepare a payment application certificate, using Contract Manager Software with supporting documentation as necessary, for approval and execution by the District.

Assumptions:

1. The District will make payments in accordance with the contract stipulations and State Law to the Contractor once each month.
2. Contract Manager Software is acceptable to the District for preparing progress payment application certificates in addition to any District required documents.

Deliverables:

1. Contractor's certified application for payment.
2. Progress payment request documents suitable for approval and execution by the District.

2.8 Safety

Purpose:

To observe the Contractor's work and worksite and communicate safety concerns, as observed.

Approach:

Harris shall observe Contractors' work and worksite, and communicate safety concerns regarding work conditions and/or areas. Immediate shutdown or partial shutdown of Contractors' work may be required if conditions endanger life.

Harris shall verify by inspection that the Contractor has posted its safety program at locations identified in the specifications and required by regulations. Harris shall provide documentation to the District of accidents when they occur. Such documentation may include copies of daily

inspection reports, photographs, and memoranda describing the accident. Harris shall inform the District when Harris becomes aware of suspected safety violations.

Assumptions:

1. Contract document requires Contractor to submit its safety program and safety officer prior to the start of work
2. Contract documents or Contractor's safety program requires Contractor to submit accident reports.
3. Harris assumes no responsibility for safety of Contractor's work areas.
4. Harris assumes no responsibility for implementation of Contractor safety program or its construction means and methods.

Deliverables:

1. Accident reports from Contractor.
2. Immediate reporting to the District of any incidents.

2.9 Environmental Coordination

Purpose:

Verify Contractor has copies of applicable permits and that the work activities abide by the requirements of the permits granted by regulatory agencies.

Approach:

Review and enforce requirements stipulated in permits issued by regulatory agencies.

Assumptions:

1. All permits will be provided to Harris for review.
2. All permits will be included in the contract documents.

Deliverables:

1. Daily inspection reports prepared by on site Harris inspection staff.
2. Correspondence to affected parties.

2.10 Request for Information (RFI) Management

Purpose:

To provide an efficient means of processing Requests for Information (RFIs) submitted by the Contractor. The efficient management of RFIs permits timely communication between the District and the Contractor.

Approach:

Harris shall receive, log and review all RFIs for completeness and verify the request is reasonable and understandable. Harris shall provide a short technical review of the RFI to determine if the issue is addressed adequately in the contract documents. Harris shall return the RFI if the question is unclear or, in the opinion of Harris staff, the answer is contained in the contract documents, noting where the requested information can be found in the contract

documents. Harris shall track RFIs, using the Contract Manager, and facilitate the timely response from the District.

Assumptions:

The District, with assistance from Harris, will respond with an answer to all RFIs within the contract stipulated time period for response. E-mail will be used to forward RFIs to The District and return responses to the Contractor, with original documents to follow as necessary.

Deliverables:

1. Comprehensive log of all outstanding RFIs and their status.

2.11 Document Management

Purpose:

To provide the District with an electronic means of tracking all documents exchanged between the parties involved in the construction of the project.

Approach:

Harris shall use Primavera Contract Manager and the Harris File Index to log all documents in the project field office. Documents shall be scanned into the document control system and attached to Contract Manager file index categories. All documents shall be filed as an electronic file and hardcopy.

Assumptions:

None.

Deliverables:

1. Comprehensive logs of all documents in the project files (electronic and hardcopy).
2. All hardcopy project documents exchanged on the project between the various parties.

2.12 Construction Change Order Review and Recommendations

Purpose:

To provide the District with assurance that the Contractor is not presenting requests to be paid for additional work included in the original contract. To assure the District that the associated extra work costs and time extension requests are fair and reasonable to both the District and the Contractor.

Approach:

Harris shall use the following approach in assisting the District:

Requests for Changes by the District:

1. Harris shall forward a Request for Quote (RFQ) to the Contractor for pricing and stipulation of proposed time extension, if requested work can be shown to impact the project's critical path. The RFQ shall contain a description of the extra work to fairly price the work.

2. Harris shall prepare an independent cost estimate of the extra work.
3. Harris shall review the cost quote from the Contractor for completeness, negotiate cost and time extension requests, as required, and then obtain District authorization for proceeding with the change, based on definitive cost and time extension values.
4. Should Harris and the Contractor be unable to negotiate a reasonable price, the District will be consulted prior to directing the work via alternative contract change options such as proceeding on a time and material basis or proceeding by force account.

Requests for Changes by Contractor:

1. Harris shall review requests of proposed cost and/or time impacts for merit. If Harris determines the request fails on merit, the Contractor shall be informed of the reasons why the request is denied. Should Harris determine the request has merit; Harris shall proceed with steps 2 and 3.
2. Harris shall prepare an independent cost estimate and schedule analysis of the work and review the information with the District prior to negotiations with the Contractor.
3. Harris shall negotiate extra work cost and time extensions with the Contractor.
4. Harris shall prepare change order documents for approval and execution by the District.

Assumptions:

1. Harris shall have authority to make minor changes to work that it determines to have no design, cost or time impacts to the construction project.
2. The contract will require the Contractor to submit a project schedule to demonstrate critical path impact to the project's schedule in order to substantiate any/all Contractor requests for contract time extension.
3. Extra work costs successfully negotiated between Harris and the Contractor shall be submitted to the District for approval.

Deliverables:

1. Change order documentation ready for approval and execution by the District.
2. Change order logs.

Task 3 - Construction Inspection Services

3.1 *Inspection and Documentation*

Purpose:

To provide the District with documentation of construction activities, duration of activities, manpower and equipment allocation, inspections, and work conditions.

Approach:

Harris shall provide the District with knowledgeable people, familiar with construction activities to be performed on the project. Using Contract Manager, Harris shall document the Contractors' daily activities, manpower utilization, on-site equipment and items considered pertinent to the project.

Assumptions:

1. District will not unreasonably withhold approval of the staff proposed by Harris.
2. All inspections shall be within the project limits.
3. Fee estimate does not include overtime inspection. Overtime inspection is considered an optional service.

Deliverables:

Harris daily activity reports, maintained in the Harris project files and turned over to the District at the completion of the project.

3.2 *Materials Testing*

Purpose:

To coordinate and manage the efforts of third party inspection and testing firms provided independently by the District.

Approach:

Harris shall coordinate and manage the utilization of the District's third party quality assurance consultants.

Assumptions:

1. Material testing, special inspection, and specialty inspection contract are provided independently by the District.
2. Harris shall manage their contracts.

Deliverables:

Third party quality assurance reports maintained in the Harris project files and turned over to the District at the completion of the project.

3.3 *Maintain Photographic and Video Records of Construction Progress*

Purpose:

To provide the District with a photographic record of the project, before, during, and after construction.

Approach:

Using digital photography, Harris shall record the Contractor's progress during construction. Care shall be taken to record all items and/or conditions that have or may have a bearing on claimed extra work. Still photographs shall be labeled with captions indicating subject matter, date taken, and any description required to further clarify the item/issue being photographed.

Assumptions:

All photographs shall remain at the Harris office electronically until the end of the project.

Deliverables:

All electronic photographic records.

3.4 Review and Maintain “As Built” Drawings

Purpose:

To provide the District with accurate record drawings for the project.

Approach:

Monitor Contractor’s required record drawings on a monthly basis. In addition to monitoring the Contractor’s drawings, Harris staff shall maintain a copy of the contract plans for the project. Harris staff shall attempt to include items that are not normally shown on the Contractor’s set of record drawings. This information is not necessarily construction related, but is project related and may be important in future maintenance and/or construction projects.

Assumptions:

1. Contract documents require Contractor to maintain red line as-built drawings.

Deliverables:

1. One set of marked up contract drawings. This set shall be in addition to the Contractor’s marked up set of contract drawings.

3.5 Final Acceptance - Punch List Assistance

Purpose:

To provide the District with reasonable assurance that the work of the project has been completed in compliance with the general intent of the contract documents.

Approach:

Harris shall coordinate a walk-through with the District, and the Contractor. Harris shall prepare a punch list indicating all deficiencies and/or omissions noted in the walk-through. The punch list shall then be forwarded to the Contractor for correction of the work in accordance with timelines defined in the contract. Harris shall inspect items on the punch list once the Contractor has notified Harris that the work is complete. Completed items on the punch list shall be signed off by Harris. Upon completion of the punch list work Harris shall notify the District the work is complete and forward a copy of the completed punch list.

Assumptions:

None.

Deliverables:

Completed and signed-off punch list submitted to the District with the closeout documents.

3.6 Final Inspection and Punch List

Purpose:

To identify elements of construction requiring correction prior to final acceptance by the District.

Approach:

Following substantial completion perform a project inspection of the completed construction. During the inspection develop a list of contract work requiring correction or rework. The written list of deficient work (punch list) shall be delivered to the District and Contractor within three (3) working days of the final inspection. The final punch list shall include items to be corrected that were identified previously during the course of construction.

Assumptions:

1. The District will identify any key District or other agency personnel to be included in the final inspection.
2. Harris shall contact and schedule all required final inspection personnel 48 hour prior to the final inspection.
3. Harris shall prepare the final punch list.

Deliverables:

Final punch list.

Task 4 - Construction Closeout Activities

4.1 Contract Closeout

Purpose:

To provide the District with final closeout documentation.

Approach:

Harris shall turnover all project files, contract correspondence and documents including final logs at time of project completion.

Assumptions:

Harris shall recommend and the District will file final Notice of Completion and Acceptance of Work.

Deliverables:

1. Final project documentation, in electronic and hard copy format.

4.2 Project As-Built Drawings

Purpose:

To provide the District with accurate record drawings indicating all changes and as-built conditions.

Approach:

Harris shall monitor Contractor-required record drawings on a monthly basis. In addition to monitoring the Contractor's drawings, Harris shall maintain a copy of up-to-date contract plans for the purpose of aiding West Yost in final review of the record drawings.

Assumptions:

1. The Contractor will be responsible for preparing the record drawings in both reproducible and electronic formats.
2. Harris shall assist the District in review and final approval of the record drawings.

Deliverables:

One set of contract drawings indicating recorded changes to the contract, as maintained by Harris. This set shall be in addition to the Contractor's marked up set of contract drawings.

4.3 Final Project Report

Purpose:

To Provide the District with a written history of the construction contract.

Approach:

Harris shall review the project documents and prepare a written report for the District. As a minimum, the report shall include the following:

1. Names of all organizations involved with the Project, i.e., District staff, Harris, Contractor and any other parties that may have a significant part in the construction of the projects.
2. Chronological history of the construction effort, to include all significant dates.
3. Contract amounts at bid time with all other bids in tabular form.
4. Change order history, to include summary statement about each change, negotiated cost of each change and other information deemed necessary by Harris and the District's representative.
5. Summary of Requests for Information, in tabular or matrix form.
6. Summary of outstanding claims not resolved when the notice of completion is filed.
7. Summary of final contract amount.
8. "Lessons learned"

Assumptions:

1. District will provide input to Harris regarding the form of the final report.

Deliverables:

1. One hard copy and electronic file shall be provided.

4.4 Final Payment

Purpose:

To provide the District with the final contract cost and final balance due the Contractor.

Approach:

Following completion of the contract work, Harris shall determine the final quantities and cost of all outstanding unit price work and all outstanding approved change order work. Harris shall prepare for the District and the Contractor, a final balancing change order quantifying the final

contract amount. Contractor will include amount of final balancing change order in submission of last certified application for payment, submitted to Harris. Once approved, Harris shall forward application for payment to the District for final approval and processing.

Assumptions:

1. There are no outstanding issues or claims.
2. The District is responsible for filing Notice of Completion and addressing all subcontractor claims prior to release of final payment.

Deliverables:

1. Contractor's last certified application for payment with application certificate.

3. DELIVERABLES

Project deliverables are as listed above.

4. PROJECT COORDINATION

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

5. PAYMENT TO THE ENGINEER

Compensation shall be on a time and materials cost basis for services provided under Article 2 of this Agreement in accordance with the Billing Rate Schedule contained in Exhibit A (updated annually), outside services shall be billed at actual cost, and vehicle and cell phone shall be billed at a monthly direct cost. The billing rate schedule is generally comparable to a labor multiplier of approximately 3.0.

The estimated costs for Tasks 1 are presented in Exhibit B. Total charges to the District shall not exceed the total cost of \$122,500 without written authorization from the District.

6. TIME OF COMPLETION

All work defined in Item 2 is scheduled for completion of work within three weeks after completion of construction of the Jarvis Avenue Sewer Project. Anticipated construction completion date is November 30, 2014.

7. KEY PERSONNEL

Key engineering personnel or sub-consultants assigned to this Task Order are as follows:

Role	Personnel/Sub-consultant
Principal-in-Charge	Vern Phillips
Construction Manager /	Thomas Michael
Inspector	

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

IN WITNESS WHEREOF, the parties hereto have made and executed this Task Order No. 2 as of _____ and therewith incorporated it as part of the Agreement.

CONSTRUCTION MANAGER:
HARRIS & ASSOCIATES

DISTRICT:
UNION SANITARY DISTRICT

By: _____
Vern Phillips, PE
Vice President

By: _____
Richard B. Currie, PE
General Manager/District Engineer



Union San District - Jarvis Ave Sewer Rehabilitation

1-Jul-14

Level of Effort and Fee								
Task Order No. 2 - Construction Management Services								
	Jul	Aug	Sep	Oct	Nov	Tot Hrs	Hrly Rate	Total
Working days per month	23	21	22	23	20			
Construction Management								
Vern Phillips - PM	1	1	1	1	1	5	\$220	\$1,100
Thomas Michael - CM/Insp	92	168	176	184	80	700	\$150	\$105,000
Danielle Rodriguez - Admin	20	30	30	30	20	130	\$80	\$10,400
CM and Inspection TOTAL								\$116,500
Inspector Truck and Cell	0.5	1	1	1	0.5	4		\$6,000
\$1500 per month								
						Total		\$122,500

Assumptions:

1. Additional inspection support (not presently budgeted) if requested will be invoiced at the prevailing wage rate for construction inspectors plus vehicle and cell phone.
2. Hourly rates include normal direct and indirect overhead costs. Rates do not include costs for mailings or printing bidding documents.
3. Weekly meeting locations will be at project site.
4. Materials testing will be provided by District procured firm and coordinated by Harris construction manager.



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Richard Currie
*General Manager/
District Engineer*

David M. O'Hara
Attorney

DATE: July 7, 2014

MEMO TO: Board of Directors

FROM: Richard B. Currie, General Manager/District Engineer

SUBJECT: Agenda Item 12 – Meeting of July 14, 2014
Election of Officers for the USD Board of Directors for FY15

Recommendation:

Board Members confirm the selection of the offices of President, Vice President, and Secretary for Fiscal Year 2015, in accordance with the attached policy.

Background

The current policy was approved by the Board in October 2013, and provides for the offices of President, Vice President, and Secretary. It further states that annually, nominations will be made for each office, and secret ballots shall be cast for each office separately, with the vote of the majority of Directors of the Board required for election. The Board may choose to waive the requirements for secret ballot and conduct elections by voice vote.

Historically, the Board has followed a rotation of officers, where the Vice President becomes the President, Secretary becomes the Vice President, and the 4th member in rotation becomes the Secretary. At present, Director Lathi is President, Director Fernandez is Vice President, Director Toy is Secretary, and Director Handley is the 4th member in the rotation.

Board Policy 3070, Boardmember Officers and Committee Membership, is attached for your reference.

Effective: 10/14/13	Boardmember Officers and Committee Membership	Policy Number 3070.2 Page 1 of 3
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Policy

Selection of Board Officers will be held annually at the first regular meeting in the month of July. No later than the second regular meeting in July of each year, Committee memberships will be established.

Purpose

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

Procedure

Board Officers

1. The Officers are President, Vice President, and Secretary. Term of office shall be for one year.
2. The President shall preside over the meetings of the Board of Directors and be responsible for the following:
 - a. maintaining order and following the published agenda
 - b. ensuring Boardmembers are allowed to participate in discussions
 - c. allowing the public to speak on agenda items
 - d. facilitating dialog among the public, staff, and Boardmembers
 - e. appointment of members of the Board of Directors to Committee assignments
 - f. signing resolutions, ordinances, and construction contracts on behalf of the District
 - g. representing the Board of Directors on issues or at events as designated by the full board

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

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

3. Annually, at the first regular meeting in July, nominations will be made for each officer, and secret ballots shall be cast for each office separately, with the vote of the majority of Directors of the Board required for election. In the event no nominee receives a majority vote in the first ballot, the nominee having the least votes shall be dropped from the ballot and additional ballots successively cast, as necessary, to produce a majority vote. The Board may choose to waive the requirement for secret ballot and conduct election by voice vote.

Board Committee Memberships—Internal Standing and Ad Hoc Committees

1. Annually, following the election of Board officers, Directors are responsible for letting the President know their interest in serving on internal standing and ad hoc committees (listed under Nos. 3 and 4).
2. The President will appoint Directors to the internal standing and ad hoc committees. Notice of internal committee membership appointments will be contained in an information item to the Board at the second regular meeting in July.
3. Internal standing committees are: Budget and Finance; Construction; Legal/Community Affairs; Legislative; Personnel, and Audit Committee.
4. Ad Hoc committees are called as needed.

Representatives — Board External Commissions/Committees

1. The Board of Directors will elect the representatives for the External Committees no later than the first meeting of the Board of Directors in June, so that the representatives may be seated for the first meeting of the new fiscal year. Secret ballots shall be cast for representatives and alternates to external commissions and committees (listed under No. 2 below).
2. External commissions/committees include: the EBDA Commission; the Joint Powers Authority for Geographic Information Systems; and the Alameda County Chapter of the California Special Districts Association.
3. Directors interested in external representative or alternate to commissions/committees are to make their wishes known. Following which, secret ballots shall be cast separately, with each Boardmember voting for the representative to each group listed above under No. 2. The Director receiving the highest number of votes will be the representative. If there is not a clear majority, the nominee having the least number of votes shall be dropped from the ballot, and additional ballots successively cast, as necessary, to produce a majority vote. This process will then be repeated for the alternate representative. The Board may choose to waive the requirement for secret ballot and conduct the selection by voice vote.

Management Responsibility

The General Manager will be responsible for scheduling on the Board agenda, the election of External Committee representatives by early June, and the election of Board Officers at the first regular meeting in July. The GM will provide a list of current committee memberships to the new President and blank ballot forms for election use as needed. The General Manager will also be responsible for scheduling on the Board agenda the announcement of committee appointments at the second regular meeting in July.

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

Approved by: Board of Directors October 14, 2013
Reviewers: General Manager, Board of Directors, District's attorney
Notify Person: General Manager
Review frequency: Every 3 years
Next Review: October 2016



Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Richard Currie
*General Manager/
District Engineer*

David M. O'Hara
Attorney

DATE: July 7, 2014

MEMO TO: Board of Directors

FROM: Richard B. Currie, General Manager/District Engineer

SUBJECT: Agenda Item 13 – Meeting of July 14, 2014
**Select Board Members to Represent the District on External
Committees for FY15**

Recommendation:

Select Board Members to serve the FY15 term as USD representatives on the EBDA Commission, California Special Districts Association, and the GIS Joint Powers Authority.

Background

Policy No. 3070.2 calls for the Board to select representatives and alternates for the following three external committees: the EBDA Commission; the Joint Powers Authority for Geographic Information Systems; and the Alameda County Chapter of the California Special Districts Association.

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

<u>Organization</u>	<u>Representative</u>	<u>Alternate</u>
EBDA Commission	Tom Handley	Manny Fernandez
Calif. Special Districts	Pat Kite	Manny Fernandez
GIS JPA	Jennifer Toy	Anjali Lathi

Policy calls for members to make their wishes known to the Board and for the Board to vote for each position and alternate by secret ballot. The past practice, as provided in the policy, has been to waive the secret ballot and make the selections by voice vote.

**UNION SANITARY DISTRICT
CHECK REGISTER
06/14/2014-07/04/2014**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
154601	7/3/2014	3432	DW NICHOLSON CORP	COGENERATION PROJECT	\$427,821.38	\$427,821.38
154569	6/26/2014	30102624	SYNAGRO WEST LLC	MAY 2014 BIOSOLIDS DISPOSAL	\$80,167.59	\$80,269.59
	6/26/2014	30102604		MARCH 2014 WAIT TIME - POWER DOWN AT	\$102.00	
154470	6/19/2014	892820140603	PACIFIC GAS AND ELECTRIC	SERV TO 06/02/14 HAYWARD MARSH	\$63.58	\$62,645.25
	6/19/2014	170120140610		SERV TO 05/21/14 PLANT	\$59,212.74	
	6/19/2014	380420140610		SERV TO 05/30/14 CHERRY ST PS	\$189.57	
	6/19/2014	140120140609		SERV TO 06/04/14 IRVINGTON PS	\$25.74	
	6/19/2014	666720140603		SERV TO 06/02/14 PASEO PADRE PS	\$225.28	
	6/19/2014	096020140603		SERV TO 06/02/14 CATHODIC PROJECT	\$57.81	
	6/19/2014	898220140603		SERV TO 06/02/14 FREMONT PS	\$263.13	
	6/19/2014	013720140608		SERV TO 06/06/14 BOYCE RD PS	\$2,607.40	
154514	6/26/2014	201103327	COVELLO GROUP INC	THICKENER 3 AND 4 REHABILITATION	\$2,346.00	\$55,804.33
	6/26/2014	20130179		THICKENER CONROL BUILDING IMPROVEMENTS PHASE II	\$152.00	
	6/26/2014	20130351		THICKENER CONROL BUILDING IMPROVEMENTS PHASE II	\$4,456.83	
	6/26/2014	201300815		COGENERATION PROJECT	\$48,849.50	
154501	6/26/2014	133799371	BASF CORPORATION	45,000 LB WATER TREATMENT POLYMER	\$52,231.50	\$52,231.50

**UNION SANITARY DISTRICT
CHECK REGISTER
06/14/2014-07/04/2014**

Check No.	Date	Invoice No.	Vendor	Description	Invoice Amt	Check Amt
154587	7/3/2014	133253	CAROLLO ENGINEERS	COGENERATION PROJECT	\$5,983.85	\$40,929.32
	7/3/2014	132118		COGENERATION PROJECT	\$2,413.04	
	7/3/2014	132833		COGENERATION PROJECT	\$7,599.62	
	7/3/2014	133728		COGENERATION PROJECT	\$10,363.10	
	7/3/2014	134300		COGENERATION PROJECT	\$14,569.71	
154494	6/26/2014	5098285	ALL INDUSTRIAL ELECTRIC SUPPLY	30 CENTRIFUGE LED PROJECT LIGHTING	\$38,106.00	\$40,027.73
	6/26/2014	5099380		12 CENTRIFUGE LED PROJECT LIGHTING	\$1,921.73	
154629	7/3/2014	747127	VALLEY OIL COMPANY	4,161 GALS CLEAR DIESEL	\$14,934.60	\$35,817.75
	7/3/2014	26665		4 DRS ASTD OIL	\$2,983.45	
	7/3/2014	747503		4,941 GALS UNLEADED 10% ETHANOL GAS	\$17,899.70	
154597	7/3/2014	86806	DEGENKOLB ENGINEERS	SEISMIC STUDY	\$31,202.28	\$31,202.28
154517	6/26/2014	3443	DW NICHOLSON CORP	MCC REPLACEMENT - PHASE 2	\$16,113.38	\$30,417.67
	6/26/2014	3442		LIFT STATION #1 IMPROVEMENTS	\$14,304.29	
154454	6/19/2014	901686130	EVOQUA WATER TECHNOLOGIES	DI WATER SYSTEM	\$450.00	\$26,323.16
	6/19/2014	901719493		DI WATER SYSTEM	\$226.00	
	6/19/2014	901676721		LIFT STATION #1 IMPROVEMENTS	\$25,647.16	
154530	6/26/2014	8864646	HACH COMPANY	12 EA NEW STYLE DO PROBES	\$23,361.48	\$25,348.11
	6/26/2014	8866604		ASTD CHLORINE SENSOR AND ACCESSORIES	\$1,986.63	
154482	6/19/2014	53620140522	US BANK CORP PAYMENT SYSTEM	MONTHLY CAL CARD STMT - MAY 2014	\$21,845.02	\$21,845.02

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154579	6/26/2014	2025369	WEST YOST & ASSOCIATES	UPPER HETCH HECTCHY SS REHABILITATION	\$21,453.14	\$21,453.14
154539	6/26/2014	9017394641	KEMIRA WATER SOLUTIONS, INC.	8.07 DRY TONS FERROUS CHLORIDE	\$5,444.91	\$21,449.02
	6/26/2014	9017395387		8.03 DRY TONS FERROUS CHLORIDE	\$5,417.92	
	6/26/2014	9017394240		8.16 DRY TONS FERROUS CHLORIDE	\$5,505.63	
	6/26/2014	9017394995		7.53 DRY TONS FERROUS CHLORIDE	\$5,080.56	
154480	6/19/2014	45105710	TYLER TECHNOLOGIES INC	EDEN INTERFACE TO HANSEN	\$20,000.00	\$20,000.00
154487	6/26/2014	61897	3T EQUIPMENT COMPANY INC	16 PIPEPATCH KIT - WINTER	\$8,488.44	\$18,850.44
	6/26/2014	61847		12 PIPEPATCH KIT - WINTER	\$4,868.37	
	6/26/2014	61798		8 PIPEPATCH KIT - WINTER	\$4,993.20	
	6/26/2014	61832		1 DOUBLE DOWNHOLE ROLLER	\$500.43	
154573	6/26/2014	622535	UNIVAR USA INC	4,849 GALS SODIUM HYPOCHLORITE	\$2,281.02	\$16,407.95
	6/26/2014	622016		5,017 GALS SODIUM HYPOCHLORITE	\$2,360.05	
	6/26/2014	622250		4,943 GALS SODIUM HYPOCHLORITE	\$2,325.25	
	6/26/2014	621103		5,020 GALS SODIUM HYPOCHLORITE	\$2,361.47	
	6/26/2014	623186		5,016 GALS SODIUM HYPOCHLORITE	\$2,359.59	
	6/26/2014	623232		5,018 GALS SODIUM HYPOCHLORITE	\$2,360.52	
	6/26/2014	620750		5,017 GALS SODIUM HYPOCHLORITE	\$2,360.05	

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154460	6/19/2014	9017392227	KEMIRA WATER SOLUTIONS, INC.	8.16 DRY TONS FERROUS CHLORIDE	\$5,505.63	\$16,010.86
	6/19/2014	9017391767		7.95 DRY TONS FERROUS CHLORIDE	\$5,363.94	
	6/19/2014	9017392785		7.62 DRY TONS FERROUS CHLORIDE	\$5,141.29	
154575	6/26/2014	106864	VAVRINEK, TRINE, DAY & CO LLP	AUDITING SERVICES MAY 2014	\$15,500.00	\$15,500.00
154540	6/26/2014	14000353	KRUGER INC	ANITA MOX PILOT STUDY	\$15,000.00	\$15,000.00
154508	6/26/2014	90802	CDW GOVERNMENT LLC	5 FY14 ROUTER R&R	\$1,373.44	\$14,443.14
	6/26/2014	69139		FY14 ROUTER R&R	\$3,383.59	
	6/26/2014	31562		FY14 ROUTER R&R	\$2,255.74	
	6/26/2014	29261		FY14 ROUTER R&R	\$5,221.01	
	6/26/2014	49313		5 FY14 ROUTER R&R	\$325.67	
	6/26/2014	49610		COGEN BLDG NETWORK SWITCH	\$1,883.69	
154527	6/26/2014	6016857	GLOBAL MACHINERY INTL WEST LLC	1 EA DROP-DECK TILT TRAILER	\$14,440.86	\$14,440.86
154598	7/3/2014	856845A	DELTA DENTAL SERVICE	JUNE 2014 DENTAL	\$1,383.19	\$12,189.40
	7/3/2014	856845C		JUNE 2014 DENTAL	\$10,806.21	
154469	6/19/2014	86420140602	DAVID M O'HARA ATTY AT LAW	GENERAL LEGAL - MAY 14	\$7,329.00	\$11,938.50
	6/19/2014	97720140602		CIP LEGAL - MAY 2014	\$4,609.50	
154631	7/3/2014	3765	WATER WORKS ENGINEERS LLC	PRIMARY DIGESTER #5 REHABILITATION	\$11,747.05	\$11,747.05
154520	6/26/2014	901742406	EVOQUA WATER TECHNOLOGIES	2,421 GALS HYDROGEN PEROXIDE	\$11,240.22	\$11,240.22

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154451	6/19/2014	XJDP89XR9	DELL MARKETING LP C/O DELL USA	2 Q4 LAPTOPS	\$5,813.50	\$8,868.43
	6/19/2014	XJDPJ9212		1 Q4 LAPTOPS	\$3,054.93	
154618	7/3/2014	140303	RAFTELIS FINANCIAL CONSULTANTS	SSC COST OF SERVICE STUDY	\$8,276.25	\$8,276.25
154522	6/26/2014	230736	FRANK A OLSEN COMPANY	6 - 6" PLUG VALVES FOR DIGESTER 5	\$7,424.10	\$7,424.10
154491	6/26/2014	134474011	AHERN RENTALS	2 GLO BUG LIGHTS	\$7,161.31	\$7,161.31
154481	6/19/2014	619791	UNIVAR USA INC	5,013 GALS SODIUM HYPOCHLORITE	\$2,358.17	\$7,073.11
	6/19/2014	619967		5,013 GALS SODIUM HYPOCHLORITE	\$2,358.17	
	6/19/2014	619866		5,010 GALS SODIUM HYPOCHLORITE	\$2,356.77	
154505	6/26/2014	10684	BICKMORE	OPEB ACTUARIAL VALUATION DATED 7/1/13	\$7,070.00	\$7,070.00
154430	6/19/2014	39945	AIR & LUBE SYSTEMS INC	20 FUELMaster AIMS & KEYS	\$7,002.38	\$7,002.38
154433	6/19/2014	140502270	AIRTECH MECHANICAL INC	HVAC MAINTENANCE	\$2,985.00	\$6,452.00
	6/19/2014	140502269		HVAC MAINTENANCE	\$3,467.00	
154442	6/19/2014	134921	CAROLLO ENGINEERS	2011-2014 ON-CALL SERVICES	\$5,298.85	\$5,298.85

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154515	6/26/2014	247581	CURTIS & TOMPKINS LTD	8 LAB SAMPLE ANALYSIS	\$124.00	\$5,009.00
	6/26/2014	247582		2 LAB SAMPLE ANALYSIS	\$40.00	
	6/26/2014	247836		8 LAB SAMPLE ANALYSIS	\$124.00	
	6/26/2014	247610		16 LAB SAMPLE ANALYSIS	\$160.00	
	6/26/2014	247391		10 LAB SAMPLE ANALYSIS	\$164.00	
	6/26/2014	247615		10 LAB SAMPLE ANALYSIS	\$154.00	
	6/26/2014	247614		1 LAB SAMPLE ANALYSIS	\$60.00	
	6/26/2014	247840		10 LAB SAMPLE ANALYSIS	\$154.00	
	6/26/2014	247537		10 LAB SAMPLE ANALYSIS	\$154.00	
	6/26/2014	247838		6 LAB SAMPLE ANALYSIS	\$320.00	
	6/26/2014	247625		25 LAB SAMPLE ANALYSIS	\$370.00	
	6/26/2014	247837		70 LAB SAMPLE ANALYSIS	\$1,155.00	
	6/26/2014	247841		9 LAB SAMPLE ANALYSIS	\$460.00	
	6/26/2014	247501		13 LAB SAMPLE ANALYSIS	\$710.00	
	6/26/2014	247618	15 LAB SAMPLE ANALYSIS	\$860.00		
154554	6/26/2014	886743	POLYDYNE INC	42,780 LBS CLARIFLOC WE-539	\$4,871.79	\$4,871.79
154609	7/3/2014	10028	LOOKINGPOINT INC	NETWORK CONSULTING SERVICES - COGEN PROJECT	\$4,750.00	\$4,750.00
154445	6/19/2014	30745	COLLICUTT ENERGY SERVICES INC	18 GEN 7 & 8 ANNUAL FILTERS	\$610.50	\$4,643.26
	6/19/2014	30662		ASTD PARTS & MATERIALS	\$4,032.76	

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154435	6/19/2014	274024939	ALFA LAVAL INC	48 HEAT EXCHANGER J-HOOKS	\$4,591.33	\$4,591.33
154572	6/26/2014	130665	TOTAL WASTE SYSTEMS INC	MAY 2014 GRIT DISPOSAL	\$4,233.63	\$4,233.63
154555	6/26/2014	140611	PROSAFE	40 HRS INSPECTIONS & 2 HRS SPCC	\$4,200.00	\$4,200.00

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154529	6/26/2014	9458843084	GRAINGER INC	ASTD PARTS & MATERIALS	\$375.10	\$4,132.55
	6/26/2014	9452755250		1 EA CURRENT TRANSFORMER	\$53.67	
	6/26/2014	9451773437		ASTD PARTS & MATERIALS	\$358.67	
	6/26/2014	9462984528		2 EA ZIPPER BAGS	\$95.36	
	6/26/2014	9464029215		1 EA ELECTRICIANS TOOL POUCH	\$51.16	
	6/26/2014	9455648734		ASTD PARTS & MATERIALS	\$149.51	
	6/26/2014	9446642572		1 EA HOSE REEL	\$228.01	
	6/26/2014	9456405472		3 EA READING GLASSES - R SCHWARTZ	\$57.18	
	6/26/2014	9460532113		1 EA LOW PROFILE WARNING LIGHT/STROBE	\$94.43	
	6/26/2014	9460235907		1 EA PHEUMATIC VACUUM	\$156.83	
	6/26/2014	9441002079		ASTD TOOLS	\$279.84	
	6/26/2014	9456887364		1 EA INTERIOR PANEL	\$99.26	
	6/26/2014	9461792922		1 EA INSULATED TOOL SET	\$185.82	
	6/26/2014	9452099220		1 EA ENCLOSURE & PANEL	\$775.92	
	6/26/2014	9451613195		1 EA HAND CRANK HOSE REEL	\$261.61	
	6/26/2014	9451773445		1 EA COVER	\$141.01	
	6/26/2014	9452231716		1 EA IMPACT SOCKET	\$23.61	
	6/26/2014	9442308046		ASTD PARTS & MATERIALS	\$296.86	
	6/26/2014	9451049804		ASTD PARTS & MATERIALS	\$47.12	

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154529	6/26/2014	9447528556	GRAINGER INC	1 PR EAR MUFF	\$36.62	\$4,132.55
	6/26/2014	9448903196		6 EA CABLE SUPPORT GRIPS	\$364.96	
154513	6/26/2014	32469	COLLICUTT ENERGY SERVICES INC	ASTD PARTS & MATERIALS - COGEN	\$4,036.76	\$4,036.76
154626	7/3/2014	6010572	TBC SAFETY	ASTD ROAD SIGNS	\$4,007.59	\$4,007.59
154448	6/19/2014	247211	CURTIS & TOMPKINS LTD	10 LAB SAMPLE ANALYSIS	\$165.00	\$3,720.00
	6/19/2014	247306		33 LAB SAMPLE ANALYSIS	\$2,280.00	
	6/19/2014	247355		32 LAB SAMPLE ANALYSIS	\$560.00	
	6/19/2014	247213		10 LAB SAMPLE ANALYSIS	\$715.00	
154563	6/26/2014	2429659004	S & S SUPPLIES & SOLUTIONS	2 MENS ST/SM HIP WADERS	\$203.47	\$3,425.16
	6/26/2014	2429659002		20 BXS BANDAGE, ADHESIVE ELASTIC KNUCKLE	\$31.10	
	6/26/2014	2411355005		2 MENS ST/SM HIP WADERS	\$172.79	
	6/26/2014	2422298004		1 PR KNEE BOOTS RUBBER WITH SAFETY TOE	\$106.98	
	6/26/2014	2439275001		ASTD SAFETY SUPPLIES - GLOVES & EAR PLUGS	\$1,569.99	
	6/26/2014	2429659003		1 PR KNEE BOOTS RUBBER WITH SAFETY TOE	\$53.49	
	6/26/2014	2439275002		15 BXS GLOVES & 10 TOWELS SCRUBS IN A BUCKET	\$252.67	
	6/26/2014	2429659001		ASTD SAFETY SUPPLIES	\$735.73	
	6/26/2014	2429659005		20 SAFETY VESTS CLASS II ANSI COMPLIANT LIME GREEN	\$298.94	
154473	6/19/2014	140528	PROSAFE	32 HRS INSPECTIONS & 2 HRS SPCC	\$3,400.00	\$3,400.00
154449	6/19/2014	7247	D C CONSTRUCTION	REFUND # 17253	\$3,300.00	\$3,300.00

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154476	6/19/2014	6884	SNYDER BROTHERS CONSTRUCTION	REFUND # 17262	\$3,300.00	\$3,300.00
154603	7/3/2014	7161	GWBC CONSTRUCTION	REFUND # 17284	\$3,300.00	\$3,300.00
154634	7/3/2014	7012	WILCO ENTERPRISES INC.	REFUND # 17292	\$3,300.00	\$3,300.00
154565	6/26/2014	93752	SCELZI ENTERPRISES INC	3 C-TECH TRUCK DRAWER CABINETS	\$3,292.08	\$3,292.08
154630	7/3/2014	20140701	VISION SERVICE PLAN - CA	JULY 2014 VISION STMT	\$3,182.20	\$3,182.20
154604	7/3/2014	20140630	HASLER INC.	POSTAGE BY PHONE - TMS 35928	\$3,000.00	\$3,000.00
154578	6/26/2014	31882	WECO INDUSTRIES LLC	REPAIR TRUCK T2355	\$100.00	\$2,931.50
	6/26/2014	31908		REPAIR TRANSPORT ON TRUCK T2355	\$1,870.48	
	6/26/2014	31869		1 CABLE ASSY, 12P>8P, WTR3/US3/OZ3	\$290.69	
	6/26/2014	31880		REPAIR MINI PUSH CAM	\$670.33	
154500	6/26/2014	605	AUTOMATED NETWORK CONTROLS	SCADA / PLC PROGRAMMING SERVICES	\$2,823.04	\$2,823.04

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154509	6/26/2014	54327833	CINTAS CORPORATION	UNIFORM LAUNDERING SERVICE	\$307.43	\$2,714.67
	6/26/2014	54332504		UNIFORM LAUNDERING SERVICE	\$322.66	
	6/26/2014	54334836		UNIFORM LAUNDERING SERVICE	\$302.61	
	6/26/2014	54330124		UNIFORM LAUNDERING SERVICE	\$301.23	
	6/26/2014	54327832		UNIFORM LAUNDERING SERVICE	\$303.22	
	6/26/2014	54332506		ASTD DUST MOPS, WET MOPS & TERRY TOWELS	\$97.16	
	6/26/2014	54330125		UNIFORM LAUNDERING SERVICE	\$342.08	
	6/26/2014	54332505		UNIFORM LAUNDERING SERVICE	\$305.19	
	6/26/2014	54334837		UNIFORM LAUNDERING SERVICE	\$340.51	
	6/26/2014	54327834		ASTD DUST MOPS, WET MOPS & TERRY TOWELS	\$92.58	
154577	6/26/2014	8057979932	VWR INTERNATIONAL LLC	1 PK VIAL COD DIGESTION HR	\$224.29	\$2,711.06
	6/26/2014	8057994303		10 PKS FILTER GLASS FIBR 4.25CM	\$708.36	
	6/26/2014	8057942161		1 STANDARD PROBE 3M CABLE	\$717.59	
	6/26/2014	8057979934		1 PK VIAL COD DIGESTION & 4 PKS PIPET BRUSH	\$245.17	
	6/26/2014	8057979933		4 PKS VIAL COD DIGESTION	\$815.65	
154617	7/3/2014	117029	R-2 ENGINEERING INC	1 DEFLECTOR KIT & 1 BEARING KIT	\$2,564.42	\$2,564.42
154492	6/26/2014	9028047365	AIRGAS NCN	1 CYL ARGON	\$391.51	\$2,517.06
	6/26/2014	9918799915		CYLINDER RENTAL	\$772.17	
	6/26/2014	9028423207		4 CYL ARGON	\$1,353.38	

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154479	6/19/2014	7297	THE OLD FREMONT CORNER MARKET	REFUND # 17269	\$2,500.00	\$2,500.00
154532	6/26/2014	3H4216	HARRINGTON INDUSTRIAL PLASTICS	1 EA 3/4" FILTER ELEMENT	\$51.36	\$2,462.01
	6/26/2014	3H4533		ASTD PVC PARTS & MATERIALS	\$113.88	
	6/26/2014	3H4348		ASTD PVC FITTINGS	\$423.19	
	6/26/2014	3H4597		ASTD PVC PARTS & MATERIALS	\$1,027.59	
	6/26/2014	3H4462		2 EA 1" VALVE RELIEF	\$814.36	
	6/26/2014	3H4307		ASTD PVC FITTINGS	\$31.63	
154550	6/26/2014	102865	MUNIQUP, LLC	1 EA NPS PULSAR INFLUENT LEVEL SENSOR	\$2,456.67	\$2,456.67
154593	7/3/2014	20140625	CWEA-NRTC	CERT & MEMBER RENEWAL - COLL SERV 16 EMPLOYEES	\$2,362.00	\$2,362.00
154461	6/19/2014	2232727	LAB SUPPORT	TEMP LABOR-ALBINO, E., WKEND 05/18/14	\$555.84	\$2,327.42
	6/19/2014	2234293		TEMP LABOR-WINSOR, B., WKEND 05/18/14 & 5/25/14	\$1,159.20	
	6/19/2014	2234132		TEMP LABOR-PATEL, N., WKEND 05/25/14	\$612.38	
154552	6/26/2014	XCTZ001	PACHECO BROTHERS GARDENING INC	WEED ABATEMENT WORK JUNE 2014	\$915.00	\$2,280.00
	6/26/2014	XCTZ000		LANDSCAPE MAINTENANCE SERVICES JUNE 2014	\$1,365.00	
154525	6/26/2014	241155	FUSIONSTORM	SOPHOS SHAREPOINT PROTECTION	\$2,275.00	\$2,275.00
154474	6/19/2014	1032	ROCKWELL SOLUTIONS INC	1 BACKPLATE WITH INSERT	\$2,242.86	\$2,242.86
154551	6/26/2014	30662	OWEN EQUIPMENT SALES	1 EA RODDER LINE	\$2,213.01	\$2,213.01

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154564	6/26/2014	1592527001	SAN LEANDRO ELECTRIC SUPPLY	ASTD PARTS & MATERIALS	\$360.18	\$2,001.78
	6/26/2014	1592527003		10 CONDULET 3/4INCH OCAL	\$479.79	
	6/26/2014	1589005002		10 BALLAST F54+ LAMP	\$442.35	
	6/26/2014	1592527002		ASTD PARTS & MATERIALS	\$719.46	
154493	6/26/2014	274754334	ALFA LAVAL INC	1 DOOR GASKETS FOR HEAT EXCHANGER	\$842.45	\$1,990.29
	6/26/2014	274026286		12 HEAT EXCHANGER J-HOOKS	\$1,147.84	
154611	7/3/2014	91379865	MCMASTER SUPPLY INC	10 EA STRUT CHANNELS	\$233.62	\$1,969.22
	7/3/2014	90850165		ASTD PARTS & MATERIALS	\$147.18	
	7/3/2014	90848532		10 EA STRUT CHANNELS	\$233.62	
	7/3/2014	91463974		ASTD PARTS & MATERIALS	\$232.53	
	7/3/2014	91685970		1 EA DUPLEX RECEPTACLE COVER	\$20.52	
	7/3/2014	92026347		ASTD PARTS & MATERIALS	\$1,032.16	
	7/3/2014	91111662		ASTD PARTS & MATERIALS	\$69.59	
154457	6/19/2014	8850076	HACH COMPANY	6 EA DO PROBE SOFTWARE CABLE AND DIGITAL TERMINATION BOXES	\$1,865.88	\$1,865.88
154584	7/3/2014	5023106207	AT&T	SERV: 05/19/14 - 07/09/14	\$1,825.23	\$1,825.23
154538	6/26/2014	1405220615	KELCO SERVICES INC	HAZMAT TESTING FOR PRIMARY DIGESTER NO. 5	\$1,800.00	\$1,800.00
154441	6/19/2014	306568	CALTROL INC	4 PRESSURE GAUGES	\$1,793.47	\$1,793.47
154516	6/26/2014	XJF89J945	DELL MARKETING LP C/O DELL USA	1 BOYCE ADMIN PC	\$1,788.60	\$1,788.60
154549	6/26/2014	525471	MISSION CLAY PRODUCTS LLC	ASTD COUPLINGS	\$1,725.78	\$1,725.78

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154542	6/26/2014	18411964	LABOR READY	TEMP LABOR-PERRY R., WK END 05/30/14	\$834.84	\$1,669.68
	6/26/2014	18434603		TEMP LABOR-PERRY R., WK END 06/06/14	\$834.84	
154432	6/19/2014	314081	AIRSYS, INC.	PTS INTERFACE PROGRAMMING SERVICES	\$1,625.00	\$1,625.00
154607	7/3/2014	2238183	LAB SUPPORT	TEMP LABOR-PATEL, N., WKEND 06/08/14	\$767.63	\$1,595.63
	7/3/2014	2238261		TEMP LABOR-WINSOR, B., WKEND 06/08/14	\$828.00	
154541	6/26/2014	2235795	LAB SUPPORT	TEMP LABOR-WINSOR, B., WKEND 06/01/14	\$662.40	\$1,404.15
	6/26/2014	2236025		TEMP LABOR-PATEL, N., WKEND 06/01/14	\$741.75	
154535	6/26/2014	200305686	IRON MOUNTAIN	DATA/MEDIA OFF-SITE STORAGE - MAY 2014	\$225.40	\$1,340.71
	6/26/2014	1708		OFF-SITE STORAGE AND SERVICE - MAY 2014	\$828.03	
	6/26/2014	3100		OFF-SITE STORAGE AND SERVICE - MAY 2014	\$287.28	
154465	6/19/2014	89677324	MCMASTER SUPPLY INC	4 EA SEALED LEAD-ACID BATTERIES	\$177.34	\$1,288.66
	6/19/2014	89205301		1 EA FUNNEL	\$53.49	
	6/19/2014	89150017		ASTD PARTS & MATERIALS	\$152.48	
	6/19/2014	89205555		ASTD PARTS & MATERIALS	\$905.35	
154537	6/26/2014	15147	JENSEN INSTRUMENT COMPANY	1 EA ROSEMOUNT TEMPERTURE TRANSMITTER	\$1,268.57	\$1,268.57
154502	6/26/2014	2777	BAY POWER LLC	ASTD PARTS & MATERIALS	\$597.15	\$1,099.66
	6/26/2014	2778		ASTD PARTS & MATERIALS - COGEN	\$502.51	
154620	7/3/2014	18039	RMC WATER AND ENVIRONMENT	IRVINGTON BASIN SEWER MASTER PLAN UPDATE	\$1,064.70	\$1,064.70
154450	6/19/2014	20140525.25	DALE HARDWARE INC	05/14 - ASTD PARTS & MATERIALS	\$1,037.80	\$1,037.80

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154462	6/19/2014	18375962	LABOR READY	TEMP LABOR-PERRY R., WK END 05/23/14	\$1,020.36	\$1,020.36
154452	6/19/2014	7390	DRAIN DOCTOR	REFUND # 17266	\$500.00	\$1,000.00
	6/19/2014	7404		REFUND # 17267	\$500.00	
154623	7/3/2014	8122768061914	SIERRA SPRING WATER COMPANY	BOTTLESS COOLERS RENTAL	\$239.00	\$986.34
	7/3/2014	4868173061914		WATER SERVICE 05/23/14 - 06/19/14	\$747.34	
154546	6/26/2014	95076	MCINERNEY & DILLON, P.C.	LEGAL SERVICES - UPPER HETCH HETCHY SS REHAB	\$770.00	\$980.00
	6/26/2014	95075		LEGAL SERVICES - JARVIS AVE PROJECT	\$210.00	
154478	6/19/2014	568021410	TELEPACIFIC COMMUNICATIONS	WIRELESS INTERNET BACKUP - JUNE	\$960.00	\$960.00
154489	6/26/2014	6786016	ABC IMAGING, INC.	UPPER HETCH HECTCHY SS REHABILITATION	\$951.84	\$951.84
154612	7/3/2014	24825434	MOTION INDUSTRIES INC	1 EA GRIT SNAIL MOTOR	\$884.99	\$943.58
	7/3/2014	24825068		1 EA OIL SEAL	\$31.61	
	7/3/2014	24824902		1 EA BUSHING	\$26.98	
154608	7/3/2014	20140626	CONGNA LI	REIMB: TRAVEL EXPS - CANDIDATE FOR PROCESS ENGINEER	\$932.00	\$932.00
154446	6/19/2014	20140528	COMMUNICATION & CONTROL INC	UTILITY FEE/ANTENNA RENTAL	\$903.51	\$903.51
154512	6/26/2014	14247	COHEN GROUP	EH&S SERVICES	\$897.50	\$897.50
154548	6/26/2014	140642	METROMOBILE COMMUNICATIONS INC	RADIO SERVICE AGREEMENT - JUNE 2014	\$879.40	\$879.40
154488	6/26/2014	26047	ABACUS PRODUCTS INC	100 BMP POSTERS FOR HEAVY EQUIPMENT YARD	\$830.49	\$830.49

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154547	6/26/2014	90420702	MCMASTER SUPPLY INC	2 PKS HEX NUTS	\$30.95	\$810.42
	6/26/2014	89897664		3 EA PVC SCREENS	\$96.78	
	6/26/2014	89912394		2 EA CLASS J FAST-ACTING FUSES	\$90.30	
	6/26/2014	90322771		ASTD PARTS & MATERIALS	\$306.48	
	6/26/2014	90101803		2 EA CANVAS BAGS	\$168.31	
	6/26/2014	89464227		ASTD PARTS & MATERIALS	\$117.60	
154588	7/3/2014	54337100	CINTAS CORPORATION	UNIFORM LAUNDERING SERVICE	\$336.41	\$797.36
	7/3/2014	54337102		ASTD DUST MOPS, WET MOPS & TERRY TOWELS	\$97.16	
	7/3/2014	54337101		UNIFORM LAUNDERING SERVICE	\$363.79	
154510	6/26/2014	44071085	CINTAS FIRE PROTECTION	INSPECTION, SEMI ANNUAL ALARM SYSTEM	\$372.39	\$793.57
	6/26/2014	44595583		INSPECTION,ANNUAL,SPRINKLER SYSTEM WET	\$421.18	
154456	6/19/2014	9437529697	GRAINGER INC	ASTD PARTS & MATERIALS	\$233.82	\$781.80
	6/19/2014	9437361521		1 EA DIGITAL PRESSURE GAUGE	\$108.31	
	6/19/2014	9438891336		4 EA QUICK CONNECTS	\$90.50	
	6/19/2014	9437018352		1 EA FIXED ELBOW	\$36.96	
	6/19/2014	9437361513		6 EA NYLON BALL VALVES	\$51.70	
	6/19/2014	9437443527		1 EA PLASTIC CARBOY	\$22.48	
	6/19/2014	9435936407		1 EA COMBINATION WRENCH	\$238.03	
154596	7/3/2014	20140625.10	DALE HARDWARE INC	06/14 - ASTD PARTS & MATERIALS	\$744.36	

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154477	6/19/2014	91262568	SPX FLOW TECHNOLOGY USA INC	1 FILTER CARTRIDGE GAS PARTICLE DOLLINGER	\$739.29	\$739.29
154560	6/26/2014	1107913	ROCHESTER MIDLAND CORPORATION	HOT WATER LOOP SERVICE	\$685.90	\$685.90
154437	6/19/2014	51677	BARNETT MEDICAL SERVICES LLC	50 LBS PHARMACEUTICAL WASTE REMOVAL	\$174.00	\$680.00
	6/19/2014	51476		40 LBS PHARMACEUTICAL WASTE REMOVAL	\$174.00	
	6/19/2014	50956		150 LBS PHARMACEUTICAL WASTE REMOVAL	\$332.00	
154557	6/26/2014	117022	R-2 ENGINEERING INC	2 PACKING GLAND HALF MOYNO	\$678.70	\$678.70
154582	6/26/2014	74330850	XEROX CORPORATION	MTHLY MAINTENANCE BASED ON USE	\$18.32	\$673.15
	6/26/2014	74330651		MTHLY MAINTENANCE BASED ON USE	\$13.14	
	6/26/2014	74330649		MTHLY MAINTENANCE BASED ON USE	\$532.63	
	6/26/2014	74330653		MTHLY MAINTENANCE BASED ON USE	\$109.06	
154436	6/19/2014	138662	BABBITT BEARING CO INC	SERVICE TO GRIND AND CERAMIC COAT MOYNYO SHAFT	\$652.85	\$652.85
154523	6/26/2014	9451	FREMONT EXPRESS COURIER SVC	COURIER SERVICES: MAY 2014	\$630.00	\$630.00
154536	6/26/2014	357627	IRONMAN PARTS AND SERVICE	DIAGNOSE AND REPAIR DPF SYSTEM	\$127.50	\$614.53
	6/26/2014	359487		DIAGNOSE AND REPAIR DPF SYSTEM	\$487.03	
154590	7/3/2014	32451	CLAREMONT BEHAVIORAL SERVICES	JUL 2014 EAP PREMIUM	\$611.80	\$611.80
154622	7/3/2014	1593789001	SAN LEANDRO ELECTRIC SUPPLY	5 CONDUIT PVC COATED 3/4 LB	\$600.05	\$600.05
154599	7/3/2014	20140701	KATHRYN DESTAFNEY	EXP REIMB: BS WORK GROUP RECOGNITION	\$600.00	\$600.00
154497	6/26/2014	5441238	AT&T	SERV: 05/01/14 - 05/31/14	\$566.31	\$566.31
154627	7/3/2014	946000787-720-2014	UNITED STATES TREASURY	FEDERAL EXCISE TAX 2ND QTR 2014	\$565.00	\$565.00

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154614	7/3/2014	20140702	PETTY CASH	PETTY CASH REPLENISHMENT	\$564.96	\$564.96
154444	6/19/2014	158128	CLARK'S HOME AND GARDEN INC	2 CAL GOLD FINES	\$150.42	\$559.71
	6/19/2014	158614		1.35 CAL GOLD FINES	\$101.53	
	6/19/2014	158113		2.15 CAL GOLD FINES	\$161.70	
	6/19/2014	158112		1 YD CONCRETE 6SK	\$146.06	
154605	7/3/2014	15514	HAYWARD PIPE AND SUPPLY	ASTD PARTS & MATERIALS	\$551.16	\$551.16
154558	6/26/2014	8200000007490	RED WING SHOE STORE	SAFETY SHOES - GRILLO, FORTNER, DEJESUS	\$536.88	\$536.88
154499	6/26/2014	219229	AUTO BODY TOOLMART	ASTD PARTS & MATERIALS	\$517.12	\$517.12
154453	6/19/2014	7406	DRAINLINE SEWER SPECIALIST	REFUND # 17270	\$500.00	\$500.00
154459	6/19/2014	7186	JAMES KAI	REFUND # 17255	\$500.00	\$500.00
154543	6/26/2014	10062	LOOKINGPOINT INC	MONTHLY PREMIER SUPPORT - JUNE 2014	\$500.00	\$500.00
154606	7/3/2014	7342	HUSAIN KHAJA	REFUND # 17289	\$500.00	\$500.00
154616	7/3/2014	7393	PLUMBING CONNECTION	REFUND # 17287	\$500.00	\$500.00
154624	7/3/2014	7405	STAR ROOTER AND PLUMBING	REFUND # 17288	\$500.00	\$500.00
154625	7/3/2014	7416	STREAMLINE PLUMBING & DRAIN	REFUND # 17286	\$500.00	\$500.00
154438	6/19/2014	51455	BEECHER ENGINEERING	MCC REPLACEMENT - PHASE 2	\$495.00	\$495.00
154533	6/26/2014	601165746	HILLYARD/SAN FRANCISCO	6 EA ARSENAL CLEAN ACTION II 1/2 GAL	\$125.38	\$482.39
	6/26/2014	601178348		ASTD JANITORIAL SUPPLIES	\$357.01	
154519	6/26/2014	1000345779	ENVIRONMENTAL EXPRESS	1 PE OPTIMA XL TORCH TUBE (AXIAL).	\$475.29	\$475.29

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154531	6/26/2014	1466762	HANSON AGGREGATES INC	6.10 TONS 1/2" MED TYPE A	\$460.31	\$460.31
154580	6/26/2014	23859	WILEY PRICE & RADULOVICH LLP	LABOR & EMPLOYMENT LAW FEES	\$440.00	\$440.00
154466	6/19/2014	504188	MOBILE MODULAR MANAGEMENT CORP	FMC TRAILER RENTAL - JUNE 2014	\$431.43	\$431.43
154511	6/26/2014	45197	CITYLEAF INC	PLANT MAINTENANCE - JUN 2014	\$429.65	\$429.65
154610	7/3/2014	20140618	MAINTENANCE SUPERINTENDENTS	REGIS FEE - MSA ANNUAL CONF - NESGIS	\$425.00	\$425.00
154498	6/26/2014	85283	ATS ELECTRO LUBE INC	10 AUTOLUBERS	\$423.10	\$423.10
154431	6/19/2014	9027889459	AIRGAS NCN	2 CYL WELDING ARGON	\$422.33	\$422.33
154475	6/19/2014	2422298003	S & S SUPPLIES & SOLUTIONS	3 CS EVOLUTION LATEX GLOVES	\$420.48	\$420.48
154567	6/26/2014	20140620	KRISTINA SILVA	EXP REIMB: CIP EOY RECOGNITION	\$304.38	\$385.43
	6/26/2014	20140625		PROJ 394 LUNCH	\$81.05	
154506	6/26/2014	10281180	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$13.10	\$382.09
	6/26/2014	10263870		1 PK REUSABLE TIES	\$4.92	
	6/26/2014	10270530		ASTD OFFICE SUPPLIES	\$56.61	
	6/26/2014	10281390		1 PK 8" SCISSORS	\$35.03	
	6/26/2014	10271300		ASTD OFFICE SUPPLIES	\$150.34	
	6/26/2014	10273520		1 FOOTREST	\$52.55	
	6/26/2014	10267890		4 PK POSIT IT FLAGS	\$15.75	
	6/26/2014	10283780		ASTD OFFICE SUPPLIES	\$53.79	
154440	6/19/2014	1418	BURLINGAME ENGINEERS INC	ASTD MILTON ROY PUMP PARTS	\$376.92	\$376.92

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154585	7/3/2014	20140702	IRMA REGINA BASTIAN	TUITION REIMBURSEMENT	\$367.35	\$367.35
154528	6/26/2014	1841067233	GOODYEAR COMM TIRE & SERV CTRS	2 EA TRUCK TIRES	\$365.25	\$365.25
154589	7/3/2014	44591615	CINTAS FIRE PROTECTION	INSPECTION,ANNUAL,SPRINKLER SYSTEM WET TYPE	\$350.00	\$350.00
154615	7/3/2014	20140618	PIPE USERS GROUP	ANNUAL MEMBERSHIP 7/14 - 6/15	\$350.00	\$350.00
154568	6/26/2014	222738700	STEVEN ENGINEERING INC	1 PHOENIX QUINT-UPS	\$342.09	\$342.09
154592	7/3/2014	20140701	FRANK COUTO	TRAVEL REIMB: AIRFARE TO L.A. - INSPECT NEW CONST TRUCKS	\$336.00	\$336.00
154463	6/19/2014	20140605	MARCO LOPEZ	EXP REIMB: 2 CWEA GRADE II EXAM FEES	\$315.00	\$315.00
154571	6/26/2014	3149	TEC SOLUTIONS INC	4D CONSULTING SERVICE	\$300.00	\$300.00
154544	6/26/2014	1789	MATHESON ENVIRONMENTAL SERVICE	HAZARDOUS MATERIALS RECYCLING	\$275.00	\$275.00
154490	6/26/2014	20140620	IGNACIO AGANON	THIRD PARTY CLAIM	\$257.00	\$257.00

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154439	6/19/2014	10253770	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$39.46	\$242.94
	6/19/2014	10256071		3 SHARPIE PENS	\$15.47	
	6/19/2014	10222500C		CREDIT 5 DIPLOMA FRAMES	\$-29.07	
	6/19/2014	10255970		1 TONER	\$298.58	
	6/19/2014	10129290C		CREDIT 1 DUAL WORKSURFACE PO 1004444	\$-546.41	
	6/19/2014	10155890C		CREDIT 2 10 TAB INDEX	\$-13.14	
	6/19/2014	10260740		ASTD OFFICE SUPPLIES	\$32.26	
	6/19/2014	10160410		ASTD OFFICE SUPPLIES	\$49.51	
	6/19/2014	10246990		5 DOCUMENT FRAMES	\$93.02	
	6/19/2014	10256070		ASTD OFFICE SUPPLIES	\$9.08	
	6/19/2014	10163160C		CREDIT 1 CALCULATOR INK ROLL	\$-4.74	
	6/19/2014	10201870		1 STAND UP WORKSTATION TALL USER KIT - J. SIO-KWOK	\$125.36	
	6/19/2014	10252260		ASTD OFFICE SUPPLIES	\$21.89	
	6/19/2014	10151910		ASTD OFFICE SUPPLIES	\$120.33	
	6/19/2014	10163160		ASTD OFFICE SUPPLIES	\$26.60	
	6/19/2014	10170840		1 CALCULATOR INK ROLL	\$4.74	
154526	6/26/2014	1173415510	GLACIER ICE COMPANY INC	107 EA 7-POUND BAGS OF ICE	\$237.60	\$237.60
154472	6/19/2014	214551	PK SAFETY SUPPLY	30 BXS ALLEGRO 0350 LENS CLEANING WIPES	\$236.16	\$236.16
154483	6/19/2014	20140601	USA MOBILITY WIRELESS INC	JUNE 2014 PAGER SERVICE	\$231.99	\$231.99

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154455	6/19/2014	74220	GORILLA METALS	ASTD METAL, STEEL, STAINLESS, AND ALUMINUM	\$219.69	\$219.69
154602	7/3/2014	20140626	MOHAMMAD GHOURY	EXP REIMB: AIRFARE FOR JULY ESRI CONFERENCE	\$218.00	\$218.00
154443	6/19/2014	201426	CCAC CITY CLERKS ASSOC OF CA	JOB ADVERTISEMENT - ASST TO GM	\$200.00	\$200.00
154559	6/26/2014	241615	RKI INSTRUMENTS INC	EAGLE 2 CALIBRATION SERVICE	\$196.84	\$196.84
154468	6/19/2014	20140613	SHAWN NESGIS	EXP REIMB: CS SAFETY RECOG BREAKFAST - 545 DAYS	\$196.78	\$196.78
154503	6/26/2014	16925500	BECK'S SHOES	SAFETY SHOES: R. CULBERTSON	\$185.00	\$185.00
154471	6/19/2014	7913098	PILLSBURY WINTHROP SHAW PITTM	LABOR & EMPLOYMENT LAW FEES	\$182.00	\$182.00
154464	6/19/2014	20140611.1	MAINTENANCE SUPERINTENDENTS	MEMBERSHIP: MORRISON	\$60.00	\$180.00
	6/19/2014	20140611		MEMBERSHIP: SCHOFIELD & NESGIS	\$120.00	
154586	7/3/2014	10277560	BLAISDELL'S	1 TONER	\$177.09	\$177.09
154561	6/26/2014	20140623	ADRIANNE ROLETTO	EXP REIMB: 2013 CERTS OF MERIT	\$167.58	\$167.58
154458	6/19/2014	3H3951	HARRINGTON INDUSTRIAL PLASTICS	ASTD ADAPTERS	\$167.46	\$167.46
154570	6/26/2014	20140625	RUFUS TAI	EXP REIMB: PMI MEMBERSHIP RENEWAL	\$164.00	\$164.00
154621	7/3/2014	85340220140620	SAN FRANCISCO WATER DEPT	SERVICE 05/20/14 TO 06/18/14	\$162.20	\$162.20
154553	6/26/2014	20140624	ALEXANDER PAREDES	EXP REIMB: IAC LUNCH MEETING	\$160.28	\$160.28

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154562	6/26/2014	7547645534	ROYAL WHOLESALE ELECTRIC	1 BRIDGE/SCANNER MODULE	\$1,310.72	\$158.08
	6/26/2014	7547649747		1 PNL MOUNT HIM	\$307.64	
	6/26/2014	7547645503		2 BRIDGE/SCANNER MODULES	\$1,310.72	
	6/26/2014	7547642389		ROCKWELL AUTOMATION TECH CONNECT	\$1,851.00	
	6/26/2014	7547307876		PLC PROCESSOR UPGRADE	\$-2,572.16	
	6/26/2014	7547307800		PLC PROCESSOR UPGRADE	\$-2,049.84	
154496	6/26/2014	20140625	ROLLIE ARBOLANTE	EXP REIMB: TEAM RECOGNITIONLUNCH	\$145.61	\$145.61
154507	6/26/2014	20140625	AL BUNYI	TUITION REIMB - SPRING 2014	\$143.00	\$143.00
154495	6/26/2014	4060896	ALPHA ANALYTICAL LABORATORIES	9 LAB SAMPLE ANALYSIS	\$140.00	\$140.00
154633	7/3/2014	10127	WESTERN MACHINE & FAB INC	1 1/2" OD MODIFIED TO 1/4" NPT FITTING	\$130.00	\$130.00
154632	7/3/2014	2000116672	WENDEL ROSEN BLACK & DEAN LLP	SOLYNDRA LLC BANKRUPTCY	\$115.00	\$115.00
154521	6/26/2014	117236	EXAMINETICS	ANNUAL HEARING & RESPIRATORY TEST	\$95.00	\$114.75
	6/26/2014	117103		ANNUAL HEARING & RESPIRATORY TEST	\$19.75	
154581	6/26/2014	1204520638	WRA ENVIRONMENTAL CONSULTANTS	FORCE MAIN CONSTRUCTION	\$112.00	\$112.00
154556	6/26/2014	11593	R & S ERECTION OF S ALAMEDA	PM SERVICE ON GATE	\$111.00	\$111.00
154518	6/26/2014	700002935915	ENTERPRISE GOV 43-1514861	RENTAL: A. LATHI, FREMONT, CA TO SANTA CLARA, CA CWEA	\$102.87	\$102.87
154583	7/3/2014	20140618	ARGUS, THE	24 WEEK SUBSCRIPTION END 12/14	\$100.80	\$100.80
154594	7/3/2014	20140624.1	CWEA-NRTC	CERT RENEWAL: A. HERNANDEZ	\$92.00	\$92.00
154486	6/19/2014	20140616	DONNA WIES	EXP REIMB: THANK YOU GIFTS FY14 TQ	\$88.70	\$88.70

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154591	7/3/2014	30676	COLLICUTT ENERGY SERVICES INC	2 NPS GENERATOR ANNUAL FILTERS	\$83.10	\$83.10
154504	6/26/2014	20140623	JUDI BERZON	EXP REIMB: SNACKS FOR 10-PERSON ORAL BOARD - GM RECRUITMENT	\$82.03	\$82.03
154595	7/3/2014	20140624	CWEA-NRTC	CERT RENEWAL: D. DRAKE	\$77.00	\$77.00
154628	7/3/2014	9853234	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 06/07/14	\$64.13	\$64.13
154485	6/19/2014	31738	WECO INDUSTRIES LLC	1 TIGER TAIL 3'X2" WITH ROPE	\$61.05	\$61.05
154600	7/3/2014	615320140618	DISH NETWORK	JUL 2014 - SERVICE FEE	\$60.86	\$60.86
154576	6/26/2014	28587	VOX NETWORK SOLUTIONS INC	PROGRAM ACD QUE FOR LAURIE BRENNER	\$60.00	\$60.00
154566	6/26/2014	20140620	MARIA SCOTT	EXP REIMB: SEMINAR - INTERNAL CTRLS &	\$50.38	\$50.38
154619	7/3/2014	65559	REMOTE SATELLITE SYSTEMS INT'L	IRIDIUM SVC FEE JULY 2014	\$48.95	\$48.95
154434	6/19/2014	4047286120140605	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 06/05/14 - PASEO PADRE	\$35.32	\$35.32
154545	6/26/2014	77723327	MATHESON TRI-GAS INC	CYLINDER RENTAL - MAY 2014	\$33.84	\$33.84
154613	7/3/2014	224720140624	PACIFIC GAS AND ELECTRIC	SERV TO 06/23/14 CS TRAINING TRAILER	\$28.10	\$28.10
154524	6/26/2014	116520907	FREMONT URGENT CARE CENTER	1 HEARING TEST	\$28.00	\$28.00
154574	6/26/2014	9853224	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 05/31/14	\$27.71	\$27.71
154447	6/19/2014	20140526	ROBERT CULBERTSON	EXP REIMB: SAFETY SHOE ALLOW DIFFERENCE	\$27.15	\$27.15
154534	6/26/2014	516400	HULBERT LUMBER SUPPLY	ASTD LUMBER SUPPLIES	\$18.61	\$18.61
154484	6/19/2014	9726100470	VERIZON WIRELESS	WIRELESS SERV 05/02/14-06/01/14	\$14.04	\$14.04
154467	6/19/2014	24824072	MOTION INDUSTRIES INC	1 EA STD V BELT	\$6.13	\$6.13

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Invoices:				Checks:		
Credit Memos :		6	-5,215.36			
\$0 - \$1,000 :		277	82,476.71	\$0 - \$1,000 :	114	43,912.51
\$1,000 - \$10,000 :		95	312,065.59	\$1,000 - \$10,000 :	64	210,877.67
\$10,000 - \$100,000 :		23	588,995.53	\$10,000 - \$100,000 :	26	723,532.29
Over \$100,000 :		1	427,821.38	Over \$100,000 :	1	427,821.38
Total:		402	1,406,143.85	Total:	205	1,406,143.85



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: July 7, 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
Curtis Bosick, Associate Engineer

SUBJECT: Agenda Item No. 14b. – Meeting of July 14, 2014
Information Item: **Solar Facilities Operational Update**

Recommendation

Staff will provide the Board an operational update of the solar facilities at the District.

Alvarado Wastewater Treatment Plant

The District completed construction of the Solar Carport facility located at the Alvarado Wastewater Treatment Plant at a cost of \$884,000 and began operation in September 2011. The system consists of 637 solar panels and is rated at 125 kilowatt (kW). The system rating is based on the California Energy Commission's calculation that takes into account the number of panels, the rating of each panel and the inverter efficiency.

The District applied for the California Solar Initiative (CSI) incentive that would rebate \$0.2568 per kilowatt-hour (kWh) of power generated by the system for a period of five years. PG&E, the administrator of the CSI program, approved an incentive amount up to \$252,850.

Through May 31, 2014, the Solar Carport facility has generated a total of 749,490 kWh of power, which equates to \$117,039 in energy savings at the Plant. Additionally, the District has received \$149,040 of CSI incentive rebate from PG&E. The total benefit of the Solar Carport is \$266,079, which represents 30.1% of simple payback for the initial construction cost of the facility.

Irvington Pump Station

The District completed construction of the solar facility located at the Irvington Pump Station at a cost of \$2.85 million and began operation in April 2012. The system consists of 1,680 solar panels and is rated at 408 kW.

The District applied for the CSI incentive that would rebate \$0.15 per kWh of power generated by the system for a period of five years. PG&E approved an incentive amount up to \$623,370.

Through June 4, 2014, the solar facility has generated a total of 2,112,284 kWh of power, which equates to \$599,984 in energy savings at the Irvington Pump Station. Additionally, the District has received \$279,974 of CSI incentive rebate from PG&E. The total benefit of the solar facility is \$879,957, which represents 30.9% of simple payback for the initial construction cost of the facility.

Staff will provide the Board an update of the solar facilities on a semi-annual basis. When the new Cogeneration System becomes operational in late 2014, staff will include related operational information in subsequent updates to the Board.

The attached Table 1 summarizes the operational data that was discussed in this update.

RBC/SG/RC/CB;ks

Attachment – Table 1

Union Sanitary District
Table 1 - Solar Facilities Operational Data

Facility	System Rating ¹ (kW)	Energy Generated This Period ² (kWh)	Total Energy Generated To Date (kWh)	Value of Energy Generated To Date (\$)	Rebates or grants received To Date (\$)	Total Received or Generated (\$)	Construction Cost (\$)	Simple Payback To Date (%)	Comments
Alvarado WWTP Solar Carport	125	87,338	749,490	117,039	149,040	266,079	884,000	30.1%	System began operation in September 2011. Values are current through May 31, 2014.
Irvington Pump Station	408	370,187	2,112,284	599,984	279,974	879,958	2,850,000	30.9%	System began operation in April 2012. Values are current through June 4, 2014.

1) System Rating is based on the number of panels, the rating of each panel, and the inverter efficiency.



MEDIA RELEASE
FOR IMMEDIATE RELEASE
FRIDAY, JUNE 27, 2014

Contact: Mayor Robert Taylor
Phone: 925.516.5440
Email: btaylor@brentwoodca.gov

**CITY OF BRENTWOOD CITY COUNCIL BEGINS SEARCH FOR
INTERIM CITY MANAGER**

BRENTWOOD, CA – After almost 17 years of public service to the City of Brentwood, Paul Eldredge has resigned from his position as City Manager. He started his career with the City of Brentwood in 1997 as an entry level engineer and has most recently served as City Manager since October, 2011.

"After much deliberation and consideration I have decided to pursue another career opportunity and have tendered my resignation to the City Council," said Eldredge. "This was a very difficult decision to make as I have been extremely fortunate to be a part of such an incredible organization in so many capacities during my time in Brentwood."

Paul Eldredge has accepted the position of General Manager for the Union Sanitary District in Union City. "Brentwood has been a home away from home for such a significant portion of my life. It is not just leaving a wonderful organization, filled with many outstanding colleagues, it is more like I am leaving my family," said Eldredge. "The City of Brentwood is a strong, high-performing organization with a well-deserved reputation for outstanding achievement. I hope that I have added some value to that tradition of excellence."

Mayor Bob Taylor appreciates the time and commitment that Eldredge has contributed to the city through his tenure. "I wish Paul continued success in his future endeavors," he stated.

"Paul has done a remarkable job for the City of Brentwood in his capacity as City Manager. He has kept the City moving in a secure, and positive direction, while at the same time, successfully negotiating the great challenges that have been presented to each city, state-wide, leaving Brentwood in a great position to take advantage of future opportunities that will be of benefit to the whole community," said Vice Mayor, Joel Bryant. "I wish him continued success in this new endeavor."

The City Council has begun the process of searching for an interim City Manager with the intent of having someone on board prior to Mr. Eldredge's departure, which is currently scheduled for late July.

###

LOCAL NEWS



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UNION SANITARY DISTRICT

Sewer agency increases rates

Charge jumps by 5.7 percent; new general manager named

By Chris De Benedetti
cdebenedetti@
bayareanewsgroup.com

UNION CITY — In a week featuring major Union Sanitary District decisions, one was painfully familiar to ratepayers, while

another will start a new era.

The sewer agency raised customer rates for the 11th consecutive year and hired a replacement for retiring Richard Currie, the district's general manager since 2003.

The directors boosted the sewer service charge by 5.7 percent, bringing annual customer bills for single-family homes to \$357.02, an increase of nearly

\$20. Ratepayers in apartments and other multiunit housing will pay \$315.25, a yearly hike of about \$17.

The Union City-based agency has raised rates each year since 2004.

Another round of 5.7-percent rate hikes have been approved through 2016.

Taking over the district's top post in mid-August will be Paul

Eldredge, Brentwood's city manager since 2011.

Directors selected Eldredge from a group of five finalists. His range of experience, including negotiating labor contracts and being an engineer with knowledge of wastewater issues, made him stand out, said Anjali Lathi, the district's board president.

"It was the whole package, the combination of all his experience,

that made him rise to the top," Lathi said.

Eldredge's annual compensation, including health benefits and perks, will be about \$270,000, said agency leaders.

Currie will retire Sept. 30, giving the new general manager at least six weeks to work alongside him.

See **DISTRICT**, Page 3

District

Continued from Page 1

"Richard did a great job in leading us through very challenging labor negotiations the last time around," Lathi said. "He leaves big shoes to fill, but we're confident that (Eldredge) will be able to fill those shoes."

Formed in 1918, the Union Sanitary District collects and treats wastewater and manages the sewer system for more than 333,000 residents in Fremont, Newark and Union City. With an annual budget of nearly \$50 million, the agency has 135 employees serving homes and businesses throughout 60 square miles in southern Alameda County.

Grand jury: Water supplier failed to explain rate hike

By Denis Cuff

dcuff@bayareanewsgroup.com

OAKLAND — The East Bay's largest water supplier failed to give the public an adequate explanation of a 9.75 percent water price increase, the first of two significant increases in consecutive years, Alameda County's civil grand jury has concluded.

The panel of government

watchdogs said it lacked the expertise to second-guess the need for the increase. But jurors said the East Bay Municipal Utility District, which provides water for 1.3 million people in Alameda and Contra Costa counties, wasn't clear in explaining the need for the increase and its effect.

In a report released this week, the grand jury also said the wa-

ter board rate decision wasn't very accessible to the public because the meeting was held on a weekday afternoon and neither broadcast nor webcast.

"The grand jury has found that EBMUD has not been sufficiently transparent in its efforts to justify the recent rate increase to the public," jurors wrote.

District spokeswoman Abby

Figueroa said Wednesday her water agency is considering ways to improve communications about future increases, including another large one expected next year.

"Their criticism is being heard," she said.

Jurors said the district pub-

See **EBMUD**, Page 4

EBMUD

Continued from Page 1

licly understated the effect of the increase by relying on average consumption for residential users and not spelling out the effect on bigger water users — often found in inland areas with larger yards.

Jurors also suggested the district consider showing its meetings on the Web or on public access TV stations, or hold night meetings.

Few people typically attend water board meetings, yet the water board can get more money from the public by a simple water board vote, unlike cities, counties and school districts that must go to the ballot.

EBMUD officials say they tried night meetings previously, but few people came.

The water district said the rate increases were essential to do pipe repairs

and other improvements postponed during economic hard times.

Contact Denis Cuff at 925-943-8267. Follow him at [Twitter.com/deniscuff](https://twitter.com/deniscuff).

FOR IRRIGATION AND CLEANING

Residents fill up on recycled water

Free station, the first of its kind in the state, opens in Pleasanton

By Denis Cuff

dcuff@bayareanewsgroup.com

PLEASANTON — It's not everyone's idea of great swag, but Tri-Valley homeowners are lining up for a new drought freebie — recycled sewer water.

Toting empty milk jugs, tubs, buckets, even water tanks, residents have been lining up to fill 'em up since mid-June at what

sewer district officials say is the only plant giving away free treated effluent to residential customers.

Dublin San Ramon Services District officials say they weren't sure there would be any takers, but about 60 eager do-it-yourselfers are now making regular runs to haul water to irrigate their yards and vegetable gardens, fill decorative fountains, wash off horses and control dust at stables.

And as for any "yuck factor" from using sewer water, users

See **WATER**, Page 8



JIM STEVENS/STAFF

Yvonne Verges, right, and others, fill containers with free recycled water from the Dublin San Ramon Services District.

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Water

Continued from Page 1

say they aren't deterred because recycled water customers are all given brief instructions informing them that the state OKs the use of effluent for landscaping — but not for drinking.

James McCabe, a Pleasanton pharmacist, said he is not squeamish about irrigating his plants with the water.

"When I walk my dog by the creek, you're going to find a lot more bacteria in the creek than in this recycled water," McCabe said.

District employees came up with the water fill station idea during a brainstorming session on how to help Tri-Valley residents cope with some of the region's most severe water shortages. Local water suppliers have ordered customers to cut use 25 percent and limit watering lawns to twice a week. "We haven't been watering our lawn, and it would be nice have it a

little green," Gale Van de Roovaart said as she filled her water drums from a station hose on a recent day. She was planning to make three trips that day to water her grass and her tomato, squash and bean plants in Pleasanton, where the city has steep financial penalties for those failing to cut back.

"It's not just about avoiding the city's penalties," she said. "I want to conserve water in a drought. ... Besides, the price is right: It's free."

People can haul away up to 300 gallons per trip for free with no limit on trips. Those who want bigger loads must register as a commercial water hauler and pay \$10 per trip.

On one weekday last week, each of the three recycled water outlets at the station was in use.

"This just blows me away about how popular this has been," said Dan Gallagher, operations manager at the district, a drinking water and sewage agency.

"I thought maybe it would be my wife and three or four other people and



JIM STEVENS/STAFF

David Chafton opens the valve to fill a 3,000-gallon water tanker with recycled water at the Dublin San Ramon Services District wastewater treatment facility in Pleasanton last month. The district has implemented the free service on a temporary basis.

that would be it," he said. "No one is happy about the drought shortages, but people are happy to have an option for a little help."

The district imposes minimal requirements. They must fill out an agreement and get brief instructions. Gallagher said his agency worked with state health and wastewater reg-

ulators to design the rules because there were none on the books.

Many other water agencies recycle sewer water — San Jose, for instance, distributes it for industrial cooling and landscape irrigation. But no other agency in the state has a recycled water station like this for residential customers, said

Blair Allen, an engineer with the Bay Area Water Resources Control Board.

"It's very innovative, and they deserve credit for it," Allen said.

The amount of recycled water being used is modest but increasing.

The new station gave away about 10,000 gallons of recycled water in its second week, a fraction of the nearly 10 million gallons a day of drinking water that the district pumps to 77,000 people in Dublin and the Dougherty Valley in San Ramon.

"It's a drop in the bucket in the big picture," Gallagher said, "but I think this project will go a long way in helping change public attitudes about using recycled water."

Just how long the recycled water station stays open is unclear. A wet winter could dry up interest in the project. Water managers say they will reassess the future of the station at the end of the year.

Contact Denis Cuff at 925-943-8267. Follow him at [Twitter.com/deniscuff](https://twitter.com/deniscuff).

RECYCLED WATER FOR HOMEOWNERS

■ **What:** A recycled water station is open for residential customers to get up to 300 gallons per trip of treated sewage water to irrigate landscaping, fill fountains or wet down dust.

■ **Where:** Inside the main gate of the Dublin San Ramon Services District wastewater plant, 7399 Johnson Dr., Pleasanton.

■ **Hours:** 3-7 p.m. weekdays, plus 8 a.m.-noon on Thursdays and Saturdays. Closed Sunday and holidays.

■ **Requirements:** Users must fill out a recycled water use agreement — which can be downloaded from the district's website or picked up at the plant. Go to www.dsrzd.com, and click on "drought watch" and "recycled water agreement."

■ **Equipment:** Recycled water users must bring their own containers with lids to prevent spills.

■ **Details:** Go to bit.ly/1x7hD06 or contact Stefanie Olson at Olsons@dsrzd.com or 925-875-2245.

PUBLIC EMPLOYEES BENEFITS

Wide variation in CalPERS premiums

By Dale Kasler
Sacramento Bee

CalPERS' health care premiums are going up again for hundreds of thousands of public employees and their families, although 40 percent of CalPERS members will see their rates decline.

The 2015 CalPERS premiums, closely watched in the health care industry because of the pension fund's size and clout, will be a decidedly mixed bag. Blue Shield of California HMO subscribers will be hit with rate hikes of 9.6 percent to 16.4 percent, depending on the specific plan. But Kaiser

HMO members' rates will fall 4.3 percent.

"Some are cutting, some are increasing. That's really interesting," said Joanne Spetz, a health care economist at the University of California, San Francisco. She said the wide variations could reflect different experiences the insurers have had with the CalPERS patient population.

CalPERS' Pension and Health Benefits Committee approved the new rates Tuesday; the full board of administration will vote on the issue Wednesday. The rates are scheduled to take effect Jan. 1.

The California Public Employees' Retirement System spends about \$7.7 billion a year on health care for 1.38 million public employees, retirees and relatives. It is the nation's second-largest health care purchaser, after the federal government.

As such, it is widely viewed as a harbinger of how health care prices are trending. When CalPERS approved rate hikes averaging 9.5 percent two years ago, it sent a jolt through the insurance industry.

Unlike previous years, CalPERS didn't provide an

overall average number for its latest rate design. The reason was that the Blue Shield increases "threw off the whole average," said CalPERS spokesman Bill Madison.

More than a year ago, CalPERS decided to break up the quasi-monopoly Blue Shield had on CalPERS' HMO business and bring other carriers into the mix, including Anthem Blue Cross, Health Net, Sharp and UnitedHealthcare.

The CalPERS board believes adding the other plans has "helped make the program more competitive and will continue

to do so," Madison said. Blue Shield still has about 400,000 CalPERS HMC customers.

In a prepared statement Blue Shield said its rates are "based on health care cost trend and utilization of services among other factors. We continue to work with CalPERS to control health care costs so that we can continue to offer affordable high-quality products and services to our members at a competitive price." The 2015 rates were affected in part by new rating criteria established by CalPERS involving such factors as a member's health statu

and place of residence, the insurer added.

Overall, the CalPERS basic HMO plans will see a 3.9 percent increase, while its HMO Medicare members will see rates go up 5.9 percent. PPO rates will go up less than 1 percent, but Medicare PPO rates will rise 11.5 percent.

CalPERS said more than 570,000 members of CalPERS will see rate cuts averaging 3 percent. Another 175,000 members will see their rates go up, but by less than 3 percent. Together, those groups represent about half of the CalPERS membership pool.

HETCH HETCHY USERS

6/24/14

Water agency: No cuts needed

Although SFPUC says goals have been met, critics say voluntary rationing measures aren't working

By Paul Rogers

progers@mercurynews.com

The Bay Area's largest water provider announced Monday that because residents have been doing a better job of conserving water, it has decided not to impose mandatory rationing this summer. But a closer look shows that the agency's customers have saved almost no water compared with last year.

"There's no doubt that we had a slow start, but I'm happy to report water use in the past several weeks has declined, and we are making up for lost time," said Harlan Kelly, general manager of the San Francisco Public Utilities Commission, which provides water to 2.6 million people from San Francisco to Fremont through its Hetch Hetchy system.

The agency says it has met its goal of 10 percent voluntary conservation, but when total water use from January through May is compared with

MORE INSIDE

Who gets Hetch Hetchy water?
See map. **PAGE A5**

ONLINE EXTRA

Read more stories about the California drought at www.mercurynews.com/drought.

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Water

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the same period last year, Hetch Hetchy customers are saving less than 1 percent. The agency's larger number is based on a 10 percent savings from the increased amount of water it initially projected customers would use this year.

Around the Bay Area, other water districts are also showing underwhelming results.

Despite the third year of serious drought, almost no communities have imposed mandatory rationing — meaning water budgets, fines for overuse and water cops writing tickets for people overwatering lawns or hosing down driveways.

"Most of them have fairly ample water supplies; it's not dire for them yet," said Jay Lund, director of the Center for Watershed Sciences at UC Davis. "They also make money by selling water."

The results in the South Bay are only slightly better than on the Peninsula and in San Francisco.

"People need to redouble their efforts," said Marty Grimes, a spokesman for the Santa Clara Valley Water District in San Jose, which provides water to 1.8 million people in Silicon Valley. They need to look at their landscaping and everything else to reduce use."

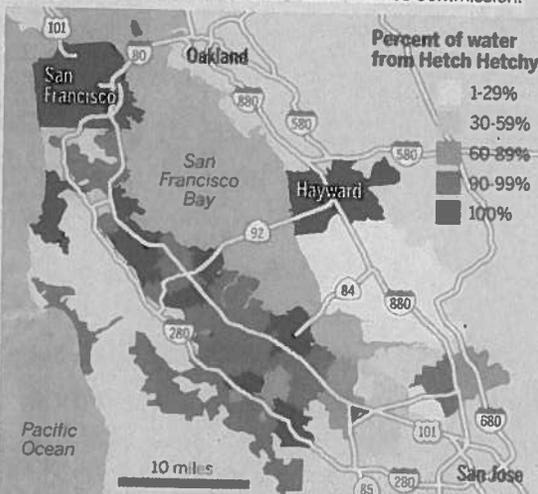
From Jan. 1 to May 31, the Santa Clara Valley Water District's customers have shown a 4.3 percent reduction in water use, compared with the same period last year. The agency's board asked for 20 percent in February. If January is taken out of the data, before the conservation request, the savings is 13 percent, Grimes said.

At the Contra Costa Water District, the agency asked for a 15 percent reduction, and from January to May, customers have cut back use by 8.6 percent, compared with the same period last year.

Contra Costa put in place such measures as a ban on watering lawns from 9 a.m. to 5 p.m. and a ban on hosing off driveways and sidewalks. But like most other agencies in the Bay Area, it is not issuing fines for violators and is only telephoning or putting out door-hangers asking for compliance if somebody complains about

Hetch Hetchy customers

Highlighted areas get some or all of their water from the Hetch Hetchy Reservoir in Yosemite National Park, under the management of the San Francisco Public Utilities Commission.



Source: San Francisco Public Utilities Commission
BAY AREA NEWS GROUP

a water waster.

"We are getting into the hotter months, so we want people to continue their efforts," said district spokeswoman Jennifer Allen.

The agency doesn't have stiffer rules, Allen said, because several years ago, it increased the height of Los Vaqueros Reservoir, boosting supplies. If the drought drags on, it may adopt tougher rules, she said.

Most large Bay Area agencies generally are in better shape than other parts of the state because they have built more storage, all homes have water meters, they've put in wastewater recycling programs and they've spent years offering rebates for people to replace lawns and put in low-flush toilets.

The 26 cities and private companies that buy Hetch Hetchy water have decreased water use 17 percent over the past 10 years, even though population in the area has gone up 4 percent.

"We see that as a model for other water districts to emulate," said Nicole Sandkulla, CEO of the Bay Area Water Supply & Conservation Agency, which represents the purchasers of Hetch Hetchy water.

SFPUC officials noted Monday that even though Gov. Jerry Brown requested a 20 percent cutback in January statewide, people in San Francisco already use among the least water per capita of any place in California because they don't have large yards. The Hetch Hetchy system also carried

over water in its reservoirs from last year and has at least a two-year supply.

"I think we're concerned but we are in a better position than the state," said Kelly of the SFPUC.

Such talk frustrates some people.

"Voluntary measures appear to not be working," said Kathryn Phillips, director of Sierra Club California. "There needs to be some enforcement. Common sense suggests that we need to impose measures that will ensure we get the wisest use of water."

If Santa Clara Valley Water District meets its 20 percent goal, it will lose \$30 million to \$40 million in water sales. And Santa Clara, a wholesaler, can't even force the cities that buy its water to ration. It's up to each city council. Meanwhile, the East Bay Municipal Utility District will lose \$8 million if it meets its 10 percent conservation goal — a target it has been on pace to hit since February.

Lund, of UC Davis, noted that imposing strict water cutbacks can be a logistical nightmare. Some people claim they need more because of larger families. Others say they already have been conserving, which is a common refrain in Pleasanton, a rare city that imposed 25 percent mandatory cutbacks.

"For these particular districts, the severity isn't that great this year," he said. "They are behaving the way you would expect. If next year is dry, I suspect they will have wished they had done more."

6/24/14

GRAND JURY

Report criticizes hospital district

Washington's 'lack of transparency' cited; CEO also comes under fire

By Rebecca Parr

rparr@bayareanewsgroup.com

FREMONT — Washington Hospital Healthcare System gives the impression of secrecy, often meeting in closed session, not making its reports public and giving poor responses to public records requests, the Alameda County civil grand jury has concluded.

The district also violated the Brown Act, the state's open-meeting law, on at least one occasion, the jury said in its report released Monday.

"The lack of transparency has invited criticism that the district has strayed from the standards expected of a public agency," the report said.

In its report, the grand jury also faulted Oak-

See HOSPITAL, Page 4

Hospital

Continued from Page 1

land schools' record-keeping, the East Bay Municipal Utility District's rate hike and the Oakland Fire Department's collection of inspection fees.

Washington Hospital's board has four to five meetings a month, but only one is videotaped and posted online, and the jury questioned the amount of time given over to closed sessions.

"The grand jury finds it odd that the district spends so much time meeting in closed session and yet rarely has anything to report" on actions taken there, the jury said.

It called the directors, who have served on the board for years, complacent and recommended term limits.

In a written response, district board President Dr. Bernard Steward said that the board "will seriously consider the findings and recommendations in the report." The board will file a formal response within 90 days.

The grand jury did say that for more than 50 years, the hospital has provided state-of-the-art medical care.

In June 2013, a resident asked for 2012 income and expense documents for district-owned retail properties, the report said. After repeated requests for more than two months, the district revealed only total revenue, total expenses and net operating income, the resident told the grand jury.

"If this was the only documentation provided, the grand jury could understand the public frustration about the transparency of the district," the report said. "The grand jury questions the district's commitment to the Public Records Act and overall transparency as a public agency."

The grand jury also found that the district did not share meeting documents with the public and at one meeting



ANDA CHU/STAFF ARCHIVES

Washington Hospital's board has four to five meetings a month, but only one is videotaped and posted online, raising questions about the closed sessions.

"This practice was misleading in that it gave the public a perception that the CEO was being philanthropic, when in fact the money was being used to bolster the CEO's image."

— grand jury report on Nancy Farber, CEO, Washington Hospital Healthcare System

bers to sign in, a request that violates the state's open meeting law.

Nancy Farber, Washington's CEO, also was criticized by the grand jury.

Farber, one of the state's highest-paid public officials, with more than \$1 million in annual compensation, was reimbursed by the district for personal donations to several charities.

"This practice was misleading in that it gave the public a perception that the CEO was being philanthropic, when in fact the money was being used to bolster the CEO's image," the report said.

Farber did not respond to a request for comment Monday.

The grand jury investigated allegations Farber violated conflict of interest laws when she recommended donations to a pediatric care facility that employed her husband.

The jury wrote that, technically, Farber followed the law because she notified the district's board of a possible conflict before her husband was hired and offered to step back if he took the job. But her actions created a perception of conflict of interest, the jury said.

In other grand jury findings, the Oakland Unified School District was faulted for auditing mistakes and poor record-keeping that have contributed to a "monumental" financial burden

that harms students. The district's failure to properly complete financial audits is costing money that could have been spent on teachers and books, the jury said. Compounding the problems are high staff turnover and a glut of charter schools, resulting in too many under-enrolled classrooms.

Oakland Unified School District Superintendent Gary Yee said the grand jury's findings are a year old, and the district "has made big changes in the budgeting and auditing in the management system for school attendance."

He agreed the district has too many schools for too few students, a situation that costs the district a lot of money in labor and building upkeep.

"The political will to close schools is really difficult," Yee said.

The jury criticized the East Bay Municipal Utility District for significantly increasing rates last year without sufficiently explaining the need to the public.

The Case for Biosolids

SEWAGE SLUDGE IS RICH IN PLANT NUTRIENTS—BUT IT COMES WITH INVISIBLE RISKS.

The use of biosolids—another way of saying sewage sludge—on farm fields, home gardens, and even nonagricultural landscapes is a controversial topic.

Biosolids are what's left after sewage treatment plants remove the water from what gets flushed down toilets or is otherwise introduced into municipal sewer systems, including industrial effluents and sometimes storm water. Some commercial composters and municipalities market biosolids, once treated, as safe for farmers and home gardeners, boasting that they are rich in plant macronutrients like nitrogen, phosphorus, and potassium, as well as supplementary nutrients such as sulfur, magnesium, calcium, copper, and zinc.

Those opposed to the land application of biosolids warn that they may contain heavy metals, pathogens, pharmaceuticals, pesticides, dioxins, and more. Proponents counter that since introduction of the Clean Water Act of 1977, followed by the Water Quality Act of 1987, such concerns have been addressed to the degree that biosolids are safe. As defined by the U.S. Environmental Protection Agency (EPA), Class A biosolids are those in which pathogens have been reduced below detectable levels. Class B biosolids have been processed to remove most pathogens but may still contain detectable levels, including infectious parasite eggs. There are greater restrictions on the use of Class B biosolids. Additionally, the EPA has set limits on the allowable levels of heavy metals.

University extension offices across the country offer varied opinions and advice about the use of biosolids on food crops.

From Colorado State University: "Class A biosolids are approved for use in production agriculture. However, it is advisable to avoid application to vegetable gardens due to the potential for heavy metals (such as cadmium and lead). Some cities sell or give away biosolids or compost made with biosolids. It is often extremely high in salts. Ask about the salt content. Use with caution."

University of Washington researcher Sally Brown, Ph.D., writes: "Because concentrations of dangerous organic chemicals in biosolids are so low, and the potential for them to be taken up by plants is so small, the risk to plants or consumers of plants associated with this category is minimal."

The USDA's National Organic Standards are unambiguous, prohibiting biosolids from use in organic agriculture. But even among those who adhere to organic principles, the debate rages on. Longtime *Organic Gardening* contributor and self-described "contrary farmer" Gene Logsdon admits he's taken plenty of criticism over his relaxed stance on the use of biosolids. "I understand the problems with medicines and hormones," he says, asserting that science has largely resolved these issues. Logsdon believes that the real challenge contin-

ues to be keeping environmental pollutants out of the organic waste stream in the first place. "We've got to figure out ways of putting human wastes back in soil where they belong."

Logsdon's recent book *Holy Shit: Managing Manure to Save Mankind* (Chelsea Green, 2010) reveals that each year, human excreta worldwide produces upwards of 50 million tons of nitrogen, phosphorous, and potassium—the three nutrients needed most for healthy plant growth. "We're talking \$50 billion a year in biosolids fertilizer that we are mostly throwing away, after spending incalculable amounts of money to do the throwing." In 2010, the United Kingdom's highly respected 67-year-old Soil Association produced a report titled "A Rock and a Hard Place: Peak Phosphorus and the Threat to Our Food Security," strongly advocating for the use of biosolids in agriculture. "Worldwide 158 million tonnes of phosphate rock is mined every year, but the supply is finite. Recent analysis suggests that we may hit 'peak' phosphate as early as 2033, after which supplies will become increasingly scarce and more expensive... Necessary actions include... changing how we deal with human excreta: Globally only 10 percent of human waste is returned to agricultural soils."

Still, major concerns exist regarding the use of biosolids on food crops. Consider the case of Georgia dairyman Andy McElmurray, who applied sludge to his fields between 1979 and the late 1990s, and lost half his herd to chronic diarrhea. He brought in his own experts after the EPA refused to test his fields. Tests revealed high levels of thallium, a toxic metal that's the active ingredient in rat poisoning, linked to a nearby manufacturer of artificial sweeteners that was using the chemical as a catalyst.

For home gardeners, the jury is still out on the safe use of biosolids in food production. Bagged soil amendments and bulk commercial compost may contain ingredients you don't want. While it is safe to assume that compost procured from a wastewater treatment plant contains biosolids, commercial composters are not required to use the term *biosolids* or *sewage sludge* on their labels and may even lawfully substitute the term *organic materials*. A good rule to follow if you want to avoid biosolids when buying compost is to always ask what's in it.

Processors of biosolids point out that they are more heavily regulated than the rest of the composting industry, which allows for conventional food waste, municipal landscape waste, and manure from conventional farms—each waste stream bringing the potential for contamination. So know your composter, just as you know your farmer, and ask plenty of questions. Otherwise, make your own, or look for soil amendments certified by the Organic Materials Review Institute and bearing the "OMRI Listed" logo. —Dan Sullivan

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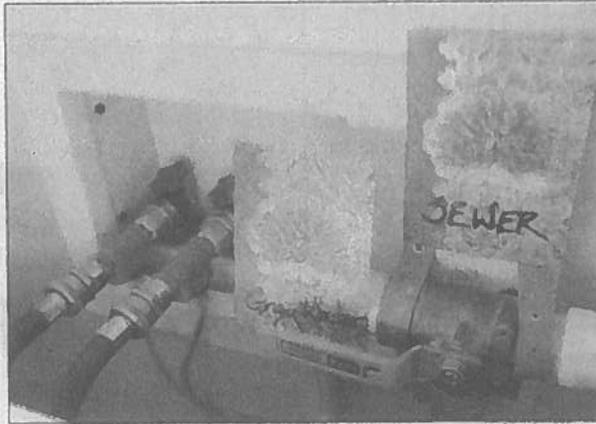
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GARDEN

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JANE TYSKA/STAFF

A typical setup for a laundry-to-landscape graywater system diverts water from a washing machine to a landscape. These are the easiest systems to install.

Graywater systems can help in drought

Here are five things to know about graywater systems.

■ The easiest and least-expensive system to install is laundry to landscape, which diverts water from the washing machine onto your garden and doesn't require a permit or a plumber.

■ Another popular system diverts water from the bath, shower and sink in the bathroom, but not the toilet or kitchen sink. This system requires a permit and probably a plumber.

■ Graywater can be stored for only 24 hours, then it becomes black water and can't be used on your landscape.

■ Avoid contact with graywater, and be sure to keep children and pets away from it.

■ Match production



to demand. You may produce too much water for your gardening needs. A three-way switch that allows you to divert water to the landscape and water to the sewer will help regulate this.

— Joan Morris, Staff

For more information on graywater systems, go to www.mercurynews.com/our-community-garden.

Bad pension spiking finally about to end

Illegal public employee pension spiking that has permeated Contra Costa and Alameda counties for more than a decade finally will cease at the end of next week. Employees must retire by July 11 if they want to artificially fatten their retirement pay.

Brace yourself: There undoubtedly will be stories about workers rushing to retire. There will be complaints about losing experienced employees. If that's the short-term price we must pay for restoring sanity to retirement costs, so be it.

Public employee pensions are calculated using a formula that includes salary, usually the pay from the final year. To boost that number, the two pension systems have been allowing workers to count as income payments received at termination, especially for unused leave.

It's an abhorrent practice that allowed Contra Costa employees to use that one-time income to spike their pensions as much as 15 percent each year for the rest of their lives. The boost in Alameda County was less.

Most public employees around the state, including those covered by the California Public Employees' Retirement Association, are not allowed to abuse the system in the same way. But for years the Contra Costa County Employees' Retirement Association and the Alameda County Employees' Retirement Association

have acted as if appellate court rulings didn't apply to them.

As far back as 1997, the Contra Costa retirement association's attorney had advised that the pension spiking was impermissible. But the trustees ignored that advice and a similar warning from another attorney in 2009.

In 2012, as state lawmakers passed pension law changes, this newspaper exposed a loophole that would have legalized such spiking for all 20 county-level pension systems in the state. In reaction, lawmakers rushed through corrective legislation reaffirming past law and court rulings.

That sparked litigation from workers seeking to keep the gravy train running by blocking implementation of the new law. But in a May ruling, Contra Costa Judge David Flinn said the spiking had been illegal all along and must be ended.

Unions have appealed the decision to the state Court of Appeal and had sought an order blocking implementation of Flinn's ruling until the matter was resolved. On Monday, the appellate court refused to grant the stay.

It was the right decision. This abuse has gone on too long. The pension systems have been ignoring the law for years. Delay would have meant more artificially inflated pension payments at the expense of taxpayers.

It's time to end the spiking. In fact, it's long overdue.

