



## AGENDA

### **REGULAR BOARD OF DIRECTORS MEETING** **DELTA DIABLO**

*(a California Special District)*

**2500 Pittsburg-Antioch Highway | Antioch, CA | 94509**  
**WEDNESDAY, DECEMBER 12, 2018**

*Persons who wish to address the board during Public Comment or with respect to an item on the Agenda, will be limited to three (3) minutes. The Board Chair may reduce the amount of time allotted per speaker at the beginning of each Item or Public Comment period depending on the number of speakers and the business of the day. Your patience is appreciated. A break may be called, or an item may be taken out of order, at the discretion of the Board Chair.*

#### **A. ROLL CALL**

#### **B. PLEDGE OF ALLEGIANCE**

#### **C. PUBLIC COMMENTS**

#### **D. RECOGNITION**

- 1) **Adopt** Resolution Commending and Congratulating Robert Brothers, Environmental Compliance Specialist II, on his Retirement from the District (Darrell Cain)

#### **E. CONSENT CALENDAR**

- 1) **Approve** Minutes of Regular Board of Directors Meeting, November 14, 2018 (Cecelia Nichols-Fritzler)
- 2) **Approve** 2019 Delta Diablo Board Meeting Schedule (Cecelia Nichols-Fritzler)
- 3) **Receive** District Monthly Check Register, November 2018 (Eka Ekanem)
- 4) **Adopt** Resolution Commending and Congratulating Richard (Rich) Tamborski, Maintenance Mechanic II, on his Retirement from the District (Terry Spurgeon)
- 5) **Adopt** Resolution Commending and Congratulating Andrzej (Andre) Dembny, Maintenance Mechanic II, on his Retirement from the District (Terry Spurgeon)
- 6) **Adopt** Resolution Commending and Congratulating Paulette Rios, Buyer, on her Retirement from the District (Carol Margetich)
- 7) **Receive** and **Approve** Report on Fiscal Year 2017/2018 Capital Project Funds to be Carried Over to Fiscal Year 2018/2019, Budget Adjustments for Reduced Budget Amounts on Carryover Projects and Projects Closed in Fiscal Year 2017/2018 (Carol Margetich)

The District will provide reasonable accommodations for persons with disabilities who plan to participate in Board (or committee) meetings by contacting the Secretary to the Board 24-hours prior to the scheduled meeting at (925) 756-1927. Disclosable public records related to an open session item on a regular meeting agenda and distributed by the District to a majority of members of the Board of Directors less than 72 hours prior to that meeting are available for public inspection at 2500 Pittsburg-Antioch Highway, Antioch, CA 94509 during normal working business hours.

- 8) **Accept** and **Authorize** General Manager to File Notice of Completion, Clyde G. Steagall, Inc., Recycled Water Facility Emergency Backup Generator, Project No. 15126 (Thanh Vo)
- 9) **Acting** in the Capacity as Lead Agency of the Western Recycled Water Coalition, **Authorize** General Manager to Execute Amendment No. 4 to Consulting Services Contract in the Amount of \$90,000, for a New Total Contract Amount Not to Exceed \$422,000, Key Advocates, Inc., 2019 Legislative Advocacy Services, Western Recycled Water Coalition, Project No. 90024 (Jayne Strommer)
- 10) **Accept** as Complete, Alan Pre-Fab Building Corporation, and Presidio Systems Incorporated, Analyzer Room Installation, Project No. 10187 (Ian Bronswick)
- 11) **Authorize** Issuance of a Purchase Order in An Amount Not to Exceed \$275,000, Kruger, Inc., Recycled Water Facility Replacement Mixer Gearboxes and Associated Component Parts (Terry Spurgeon)
- 12) **Authorize** General Manager to Execute Amendment No. 2 to Consulting Services Contract in an Amount Not to Exceed \$375,188, Carollo Engineers, Inc., Engineering Services, Headworks Improvements, Project No. 17117 (Brian Thomas)

**F. DELIBERATION ITEMS:** *The Board will consider and take action on the following:*  
None.

**G. PRESENTATIONS AND REPORTS:** *The Board may consider and take action on the following:*  
**Receive** Report on Capital Improvement Program and Status of Construction Projects (Thanh Vo)

**H. MANAGER'S COMMENTS**

**I. DIRECTORS' COMMENTS**

**J. CORRESPONDENCE**

**Receive** Monthly Lobbyist Report Dated November 2018, Key Advocates, Inc., Western Recycled Water Coalition, Project No. 90024 (Jayne Strommer)

**K. CLOSED SESSION**

**L. ADJOURNMENT**

The next regular meeting of the Board of Directors will be **Wednesday, January 9, 2019, at 4:30 p.m.**

The District will provide reasonable accommodations for persons with disabilities who plan to participate in Board (or committee) meetings by contacting the Secretary to the Board 24-hours prior to the scheduled meeting at (925) 756-1927. Disclosable public records related to an open session item on a regular meeting agenda and distributed by the District to a majority of members of the Board of Directors less than 72 hours prior to that meeting are available for public inspection at 2500 Pittsburg-Antioch Highway, Antioch, CA 94509 during normal working business hours.

December 12, 2018

ADOPT RESOLUTION COMMENDING AND CONGRATULATING ROBERT BROTHERS,  
ENVIRONMENTAL COMPLIANCE SPECIALIST II, ON HIS RETIREMENT FROM THE  
DISTRICT

RECOMMENDATION

Adopt Resolution commending and congratulating Mr. Robert Brothers on his retirement from the District.

Background Information

Mr. Brothers began his employment as an Environmental Compliance Specialist I on November 30, 1998. He was promoted to Environmental Compliance Specialist II on March 7, 2004.

Analysis

Mr. Brothers recently announced his plans to retire on December 28, 2018, after serving the District for the past 20 years. He is a California Water Environment Association (CWEA) certified Grade II Environmental Compliance Inspector and also worked part-time in the laboratory to learn the analytical methods and techniques necessary to attain CWEA Laboratory Analyst Grade I certification. His critical skills in laboratory and pretreatment procedures allowed him to contribute significantly to the District's laboratory service capabilities.

Mr. Brothers served in a lead role on the District's fats, oils, and grease (FOG) program, including monitoring and inspecting food establishments (FSEs) throughout the service area. His efforts assisted in effectively reducing FSE-related sanitary sewer overflows. Mr. Brothers created a database to track and inspect dental facility compliance records in accordance with mercury pollution prevention regulations. He developed a similar tracking system for the District's storm water inspection program on behalf of the cities of Antioch and Pittsburg. During his first two years at the District, Mr. Brothers served as a professional and technical (P&T) union representative at the request of his peers. Mr. Brothers also excelled at public outreach and education, teaching elementary school children the importance of pollution prevention and helping commercial and industrial dischargers protect the environment by ensuring effective pretreatment practices. His sense of humor and love of Chicago sports teams will be missed at the District, and we wish him well in his retirement.

Financial Impact

None


Attachments

Proposed Resolution

Prepared by:

  
\_\_\_\_\_  
Darrell Cain  
Laboratory Manager

Reviewed by:

  
\_\_\_\_\_  
Dean Eckerson  
Resource Recovery  
Services Director

cc: Robert Brothers  
District File HR.01-PEF-193



**BEFORE THE BOARD OF DIRECTORS  
OF  
DELTA DIABLO  
(a Special District)**

**Re: Commending and Congratulating )  
Robert Brothers on his ) RESOLUTION NO. /2018  
Retirement from the District )**

THE BOARD OF DIRECTORS OF DELTA DIABLO HAS DETERMINED THAT:

WHEREAS, Mr. Brothers has served the District since November 30, 1998, until his retirement on December 28, 2018 a period of 20 years; and

WHEREAS, during that period, he held the positions of Environmental Compliance Specialist I and II; and

WHEREAS, he earned the California Water Environment Association (CWEA) Grade II Environmental Compliance Inspector certification and worked part-time in the laboratory to learn the analytical methods and techniques necessary to attain the CWEA Laboratory Analyst Grade I certification; and

WHEREAS, his critical skills in laboratory and pretreatment procedures allowed him to contribute significantly to the District's laboratory service capabilities; and

WHEREAS, he served in a lead role on the fats, oils, and grease (FOG) program, monitoring and inspecting food establishments (FSEs) throughout the service area to effectively reduce FSE-related sewer overflows; and

WHEREAS, he created a database to track and inspect dental facility compliance records in accordance with the state and federal mercury pollution prevention regulations; and

WHEREAS, he also excelled at public outreach and education, teaching fifth grade elementary school children the importance of pollution prevention, and helping commercial and industrial dischargers protect the environment by ensuring effective pretreatment practices.

NOW THEREFORE, the Board of Directors of Delta Diablo DOES HEREBY RESOLVE AND ORDER as follows:

**Mr. Brothers is hereby commended and thanked for his 20 years of outstanding service and dedication to the District. The Board of Directors and District staff wish him well in all his future endeavors.**

PASSED AND ADOPTED on December 12, 2018 by the following vote:

AYES:

ABSENT:

NOES:

ABSTAIN:

I HEREBY CERTIFY that the foregoing is a true and correct copy of a Resolution adopted by the Board of Directors of Delta Diablo on December 12, 2018.

ATTEST: Sean Wright  
Vice Chair

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

**RESOLUTION NO. /2018**

December 12, 2018

APPROVE MINUTES OF REGULAR BOARD OF DIRECTORS MEETING, NOVEMBER 14, 2018RECOMMENDATION

Approve Minutes of the Regular Board of Directors Meeting of November 14, 2018.

**Minutes of the Regular Board of Directors Meeting  
DELTA DIABLO  
November 14, 2018**

The meeting was called to order by Chair Glover on Wednesday, November 14, 2018, at 4:40 p.m., in the Board Room, located at 2500 Pittsburg-Antioch Highway, Antioch. Present were Chair Federal Glover and Directors Sean Wright and D. Pete Longmire. Also present were Mary Ann Mason, District Counsel; Vince De Lange, General Manager; Cecelia Nichols-Fritzler, Office Manager/Secretary to the Board; Carol Margetich, Business Services Director; Dean Eckerson, Resource Recovery Services Director; Brian Thomas, Engineering Services Director/District Engineer; Joaquin Gonzalez, Operations Manager/Management Association Representative; Darrell Cain, Laboratory Manager; Jayne Strommer, Government Affairs Manager; Amanda Roa, Environmental Programs Manager; Thanh Vo, Senior Engineer; Kathy Chang, Finance Manager; Steve Rodriguez, Operations Supervisor; Matt Gotshall, Computer Analyst/P&T Bargaining Unit Representative; Irene O’Sullivan, Associate Engineer/P&T Bargaining Unit Representative; Dustin Bloomfield, Maintenance Supervisor; Cindy Kirk, Administrative Assistant III; LeeAnn Knight, Administrative Assistant III; DeAnna Blakeslee, Administrative Assistant III; and Holland White, Supervisor’s Aide for Special Projects, Office of Supervisor Federal D. Glover.

**PUBLIC COMMENTS**

None.

**RECOGNITION**Adopt Resolution of Appreciation, Director D. Pete Longmire

Mr. De Lange recognized and thanked Director Longmire for his four years of service on the Board, including his active engagement and leadership in support of the District’s key strategic initiatives, direct involvement in federal and state funding advocacy, and role as Chair of the Finance Committee. In addition, Mr. De Lange acknowledged Director Longmire’s support of the District’s efforts to identify required infrastructure and procedural improvements to ensure safety at District facilities for staff and the public. Mr. De Lange also highlighted Director Longmire’s care for staff and how he championed the District’s succession planning program. Mr. De Lange closed his remarks and stated he enjoyed working with and sincerely appreciated Director Longmire.

Chair Glover acknowledged Director Longmire and referenced the great working relationship and friendship they share. Chair Glover also acknowledged Director Longmire’s commitment and dedication not only to the District, but to the City Council and the other boards and agencies they serve on together. Chair Glover closed his remarks by telling Director Longmire it was a pleasure serving with him and he will certainly be missed at the District.

Director Wright shared how much he appreciated getting to know Director Longmire not just as a politician, but as a person and friend. He closed his remarks stating his great appreciation for working alongside Director Longmire.

Director Longmire thanked Mr. De Lange, Chair Glover, and Director Wright for their comments. He stated that he will miss this aspect of public service, helping people, and all of the great staff at Delta Diablo. He thanked District staff for giving him trust and respect, engaging in conversation with him, and conducting the industry-leading, award-winning work of the District.

### **CONSENT CALENDAR**

Director Longmire moved approval, seconded by Director Wright, and by unanimous voice vote (*Ayes: Longmire, Wright; and Glover; Noes: None; Absent: None*), the following Consent Calendar items were approved according to staff recommendations: Approve Minutes of Regular Board of Directors Meeting, October 10, 2018; Receive District Monthly Check Register, September 2018; Receive First Quarter Fiscal Year 2017/2018 District Investment Report; Adopt Resolution Commending and Congratulating Denise Cappucini Jones, Office Manager/Secretary to the Board, on her Retirement from the District; Authorize Appropriation in the amount of \$230,000 from Capital Asset Replacement Fund and Authorize General Manager to Approve Purchase of Cogeneration Engine Overhaul Parts and Contract for Related Services, Peterson Power Systems, Inc.; Authorize General Manager to Execute Amendment No. 1 to Consulting Services Contract in an Amount Not-To-Exceed \$31,900, Fraxia Engineering, Inc., Engineering Services, Bay Point Sewer Repairs - Phase IV, Project No. 18119.

### **DELIBERATION**

None.

### **PRESENTATIONS AND REPORTS**

#### **Receive Update on Energy Management Program**

Mr. Eckerson highlighted the District's Sustainability Policy, the FY18/19 Strategic Business Plan Initiative, and staff's focus on formalizing the program. He reviewed the District's overall energy demand and cost, energy use by process area, and key sources of energy. Mr. Eckerson highlighted that the District is currently meeting 53% of plant power demand via biogas production and on-site electricity production via the cogeneration facility. He informed the Board that the remaining cogeneration engine experienced an unexpected mechanical failure and that staff is working to expedite repair to avoid loss of electricity cost savings of \$800 to \$1,000 per day. Mr. Eckerson also reported the District is increasing energy production by receiving two fats, oils, and grease (FOG) deliveries per day, five days per week and shared that the East County Bioenergy Project would triple biogas production and meet 280% of plant power demand. He provided an update on the District's efforts to reduce energy use and reviewed several formal energy programs under consideration by the District, including the Better Plants Initiative, ISO 50001, and Superior Energy Performance. Mr. Eckerson summarized upcoming program activities, including continuing to formalize the program, identifying and implementing feasible energy production and reduction measures, developing key performance indicators, continuing progress toward formal program participation, and providing future Board updates.

The Board did not have any comments or questions. Chair Glover thanked Mr. Eckerson for the update. The Board received and filed the report.



## **MANAGER'S COMMENTS**

None.

## **DIRECTORS' COMMENTS**

Director Longmire acknowledged newly-elected Councilmember Holland White and commented that he will be a value to the City of Pittsburg. Director Longmire also stated it was nice to see Cecelia Nichols-Fritzler as the new Office Manager/Secretary to the Board.

Director Wright acknowledged the recent elections results in the City of Antioch. He reported Measure W passed and will provide approximately \$7 million in sales tax revenue, which will help the City hire police officers. Director Wright commented this is a big win for community.

Chair Glover thanked Director Longmire for his dedication and commitment to the City of Pittsburg and other regional agencies. He also acknowledged Holland White on his recent election to the City of Pittsburg City Council.

## **CORRESPONDENCE**

Receive Monthly Report dated October 2018, Key Advocates, Inc., Western Recycled Water Coalition, Project No. 90024

The Board received and filed the report.

## **CLOSED SESSION**

Mary Ann Mason announced the adjournment to Closed Session with two items to be discussed: (1) Real Property negotiation and (2) a discrimination complaint. Closed session commenced at 5:10 pm and the meeting reconvened at 5:35 pm. Chair Glover reported out of closed session stating there is nothing to report.

## **ADJOURNMENT**

Chair Glover adjourned the meeting at 5:35 pm. The next regular meeting of the Board of Directors will be on Wednesday, December 12, 2018, at 4:30 pm.

---

Sean Wright, Vice Chair

(Recording Secretary:

Cecelia Nichols-Fritzler)



December 12, 2018

APPROVE 2019 DELTA DIABLO BOARD MEETING SCHEDULE

RECOMMENDATION

Approve the meeting schedule for the 2019 Delta Diablo Board of Directors meetings.

Background Information

The Brown Act requires public agencies to provide the time and place for holding regular meetings. The Delta Diablo Board of Directors regular meetings are traditionally held monthly on the second Wednesday of each month at 4:30 p.m. at the District offices.

Analysis

All meetings are scheduled to begin at 4:30 p.m. except for the May 8, 2019, meeting, which will include the annual Public Hearing on Sewer Service Charges and begin at 5:30 p.m. Dates for the regular meetings for 2019 are proposed as follows:

- January 9
- February 13
- March 13
- April 10
- May 8 (5:30 p.m. start)
- June 12
- July 10
- August 14
- September 11
- October 9
- November 13
- December 11


The Board is asked to review the meeting schedule and approve or revise the schedule for 2019.


Financial Impact

None

Attachments

None

Prepared by:   
Cecelia Nichols-Fritzler  
Office Manager/Secretary to the Board

Reviewed by:   
Vince De Lange  
General Manager





December 12, 2018

RECEIVE DISTRICT MONTHLY CHECK REGISTER, OCTOBER 2018

RECOMMENDATION

Receive District Monthly Check Register for the month ending October 31, 2018.

Background Information

The Check Register for the month of October 2018 is attached. This report reflects payments to the District's suppliers, consultants, service providers, and contractors. A total of 199 checks totaling \$2,414,635.60 were disbursed in the month of October 2018.


Financial Impact

All payments made during the month are within funding levels included in the adopted operating and capital budgets for Fiscal Year 2018/2019.

Attachment

Check Register, month ending October 31, 2018

Prepared by:

  
Eka Ekanem  
Senior Accountant

Reviewed by:

  
Carol Margetich  
Business Services Director



# CHECK REGISTER

## DELTA DIABLO

CASH DISBURSEMENTS FOR THE MONTH OF OCTOBER 2018

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO. INVOICE AMOUNT	CHECK AMOUNT DESCRIPTION
10/4/2018	AECOM TECHNICAL SERV		30409	11,000.00
		45014	11,000.00	CONSULTING SERVICES EAST COUNT
10/4/2018	AFLAC		30410	836.46
		44971	836.46	INSURANCE - OCT18
10/4/2018	ALTEC		30411	258.93
		44860	258.93	AP CHECKS ENVELOPES SUPPLY
10/4/2018	AT&T		30412	1,109.77
		44972	1,109.77	UTILITY-PHONE SEPT18
10/4/2018	WILLIAM WESLEY BRANNON		30413	69.38
		44940	69.38	E/R
10/4/2018	BRENTWOOD PRESS		30414	699.00
		44921	699.00	AD
10/4/2018	CALIFORNIA WATER TECHNOLOGIES,LLC		30415	5,327.70
		44781	5,327.70	FERROUS CHLORIDE
10/4/2018	CALTEST ANALYTICAL LABORATORY		30416	1,113.75
		44863	1,113.75	CONTRACT LABORATORY SERVICES
10/4/2018	CAROLLO ENGINEERS		30417	68,150.00
		44892	14,315.00	PRIMARY CLARIFIER AREA IMPROVE
		44926	53,835.00	CONSULTING SERVICES HEADWORK I
10/4/2018	CHEMTRADE CHEMICALS US LLC		30418	6,427.87
		44874	3,186.40	ALUMINUM SULFATE
		44875	3,241.47	ALUMINUM SULFATE
10/4/2018	CONTRACT SWEEPING SERVICES		30419	28,132.06
		44975	28,132.06	STREET SWEEPING
10/4/2018	DEER VALLEY HIGH SCHOOL		30420	175.00
		44982	175.00	AD - HALF PAGE
10/4/2018	DEPT OF GENERAL SERVICES		30421	14,575.00
		45018	14,575.00	UTILITIES - GAS AUG 18
10/4/2018	HUBERT TOD JONES		30422	1,175.00
		45022	1,175.00	BLAST AND COAT PUMP BOWL ASSEM
10/4/2018	EVOQUA WATER TECHNOLOGIES, LLC		30423	316.07
		44928	316.07	DI WATER FOR THE LABORATORY
10/4/2018	MICHAEL CRAMLIT FOSTER		30424	2,130.41
		44868	2,130.41	DIGESTER #2 6" VALVES FOR AT V
10/4/2018	GOLDEN GATE PETROLEUM		30425	2,640.69
		45023	2,640.69	PO FUEL
10/4/2018	GP CRANE & HOIST SERVICES		30426	555.00

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
		45021		555.00	STOP GAP FOR CRANE INSPECTIONS
10/4/2018	GRAINGER		30427	55.92	
		44846		55.92	INVENTORY
10/4/2018	HDR ENGINEERING, INC.		30428	761.79	
		44995		761.79	ON CALL CONSULTING SERVICES FO
10/4/2018	INTERACTIVE RESOURCES INC.		30429	1,568.00	
		44802		1,568.00	ROOF REPLACEMENT DESIGN - PN 1
10/4/2018	JOHN MUIR HEALTH		30430	807.83	
		44908		807.83	2018 Corporate Health Services
10/4/2018	JW BACKHOE & CONSTRUCTION, INC		30431	24,738.57	
		44913		24,738.57	RWF POLYMER BUILDING IMPROVEME
10/4/2018	LARRY WALKER ASSOCIATES		30432	838.50	
		44984		838.50	REGULATORY ASSISTANCE & LOCAL
10/4/2018	MANAGED HEALTH NETWORK		30433	422.65	
		44985		422.65	EAP
10/4/2018	MDRR PITTSBURG		30434	635.40	
		45008		635.40	WASTE - SEPT 18
10/4/2018	MEYERS NAVE		30435	1,578.96	
		44814		1,578.96	LEGAL O/S
10/4/2018	SUE THOMASON		30436	265.00	
		44933		265.00	INDOOR PLANT MAINTENANCE
10/4/2018	NELSON STAFFING		30437	1,980.00	
		44988		1,980.00	O/S TEMP
10/4/2018	PACIFIC GAS & ELECTRIC COMPANY		30438	44,960.54	
		45009		44,960.54	ELECTRIC SEPT 18
10/4/2018	PAN PACIFIC SUPPLY CO.		30439	4,556.63	
		44821		4,556.63	INVENTORY
10/4/2018	CITY OF PITTSBURG		30440	540.94	
		45010		540.94	WATER AUG 18
10/4/2018	CITY OF PITTSBURG		30441	22,869.81	
		45026		22,869.81	STREET SWEEPING - PITTSBURG
10/4/2018	QUALITY SCALE, INC		30442	4,500.76	
		45039		4,500.76	STOP GAP COVERAGE FOR SCALE IN
10/4/2018	R2 ENGINEERING, INC		30443	1,323.76	
		44989		1,323.76	INVENTORY
10/4/2018	RGM AND ASSOCIATES		30444	652.75	
		44987		652.75	CONSULTING SERVICES RWF EMERGE
10/4/2018	RH TECHNOLOGY		30445	8,733.60	
		44990		4,366.80	O/S TEMP
		44991		4,366.80	O/S TEMP

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	DESCRIPTION
10/4/2018	ROYAL WHOLESALE ELECTRIC		30446	7,323.98	
		44828	7,323.98		CENTRIFUGE & GBT POLYMER AND T
10/4/2018	SCHAAF & WHEELER CONSULTING		30447	95,877.64	
		44994	95,877.64		DESIGN FOR PUMP STATION FACILI
10/4/2018	TAC AMERICAS, INC.		30448	3,072.17	
		45027	837.50		POC HVAC SYSTEM SERVICE AGREEM
		45028	1,551.67		POC HVAC SYSTEM SERVICE AGREEM
		45030	683.00		POC HVAC SYSTEM SERVICE AGREEM
10/4/2018	STANDARD INSURANCE COMPANY		30449	4,228.90	
		44993	4,228.90		LIFE INSURANCE - OCT 18
10/4/2018	SYSTAT		30450	750.00	
		45038	750.00		DIAGNOSTIC INSPECTION OF UPS61
10/4/2018	TURBO MACHINERY, INC		30451	14,739.61	
		45031	1,478.00		FACE AND BALANCE IMPELLERS FOR
		45032	7,090.40		OPEN MAINTENANCE POSITIONS TE
		45033	5,426.63		MANUFACTURE WEAR RINGS FOR P24
		45035	744.58		MANUFACTURE PARTS FOR P8516
10/4/2018	UNIVAR USA INC		30452	6,393.58	
		44877	3,228.66		SODIUM HYPOCHLORITE
		44898	3,164.92		SODIUM HYPOCHLORITE
10/4/2018	VISION SERVICE PLAN		30453	2,005.50	
		45002	1,961.92		VISION INS - OCT18
		45003	43.58		VISION COBRA INS
10/4/2018	WM LYLES COMPANY		30454	278,302.50	
		45011	145,445.00		CONSTRUCTION SERVICES PN 17140
		45012	132,857.50		CONSTRUCTION SERVICES PN 17140
10/4/2018	WOODARD & CURRAN INC.		30455	4,369.55	
		44937	4,369.55		Headworks Improvements
10/11/2018	BAY AREA NEWS GROUP		30456	212.40	
		45068	212.40		PUBLIC NOTICES
10/11/2018	BRENTWOOD PRESS		30457	699.00	
		45059	699.00		AD
10/11/2018	CALIFORNIA WATER TECHNOLOGIES,LLC		30458	5,251.06	
		44923	5,251.06		FERROUS CHLORIDE
10/11/2018	CALTEST ANALYTICAL LABORATORY		30459	2,135.25	
		44924	985.50		CONTRACT LABORATORY SERVICES
		44925	65.70		CONTRACT LABORATORY SERVICES
		44974	1,084.05		CONTRACT LABORATORY SERVICES
10/11/2018	CHEMSEARCH		30460	1,420.43	
		45015	1,420.43		CHEMICALS - OTHER

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
10/11/2018	CLASS C SOLUTIONS GROUP/		30461	132.75	
		45043		132.75	MAINTENANCE OPERATING EXPENSES
10/11/2018	CODESP		30462	1,625.00	
		45108		1,625.00	SUBSCRIPTION FOR HR RECRUITMEN
10/11/2018	COMCAST BUSINESS COMMUNICATIONS, LI		30463	537.13	
		45113		537.13	PHONE SEPT 18
10/11/2018	CONTRA COSTA COUNTY TAX		30464	6,636.76	
		45064		3,168.18	PROP TAX
		45065		3,468.58	PROP TAX
10/11/2018	CORELOGIC INFORMATION SOLUTIONS, INC		30465	165.00	
		45062		165.00	REALQUEST PROPERTY INFORMATION
10/11/2018	COUNTY OF CONTRA COSTA		30466	139.08	
		45061		139.08	DATA PROCESSING CHARGES
10/11/2018	DATCO		30467	267.80	
		45016		104.00	PRE EMPL COSTS
		45017		163.80	PRE EMPL COSTS
10/11/2018	VINCENT DE LANGE		30468	302.52	
		45099		302.52	T&M
10/11/2018	EAST BAY TIMES		30469	103.98	
		45040		103.98	SUBSCRIPTION
10/11/2018	EVOQUA WATER TECHNOLOGIES, LLC		30470	675.00	
		44976		675.00	DI WATER FOR THE LABORATORY
10/11/2018	FLYERS ENERGY LLC		30471	12,611.04	
		44930		12,611.04	PEGASUS 805 OIL
10/11/2018	GOLDEN GATE PETROLEUM		30472	782.02	
		45067		782.02	PO FUEL
10/11/2018	GOLDEN STATE WATER CO.		30473	1,713.67	
		45049		1,126.06	WATER - AUG 18
		45050		587.61	WATER - AUG 18
10/11/2018	GRAINGER		30474	354.59	
		44977		354.59	INVENTORY
10/11/2018	CHRISTOPHER HANNA		30475	173.90	
		45066		173.90	T&M PALM SPRINGS
10/11/2018	HUNT & SONS INC		30476	930.94	
		45071		930.94	INVENTORY LUBRICANTS
10/11/2018	JEFF IMACHI		30477	252.16	
		45072		252.16	T&M
10/11/2018	KENNEDY/JENKS CONSULTANTS INC.		30478	55,180.35	
		44942		55,180.35	FACILITY CONDITION ASSESSMENT
10/11/2018	LINDE, INC.		30479	2,266.71	

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
		45007		2,266.71	LIQUID OXYGEN
<b>10/11/2018</b>	<b>McCAULEY AGRICULTURAL &amp; PEST SERVIC</b>		<b>30480</b>		<b>10,850.00</b>
		45080		75.00	VEGETATION MANAGEMENT/ WEED AB
		45081		1,700.00	VEGETATION MANAGEMENT/ WEED AB
		45082		60.00	PEST CONTROL SERVICES
		45083		60.00	PEST CONTROL SERVICES
		45084		60.00	MISCELLANEOUS PEST CONTROL SER
		45085		60.00	MISCELLANEOUS PEST CONTROL SER
		45086		60.00	MISCELLANEOUS PEST CONTROL SER
		45087		1,250.00	VEGETATION MANAGEMENT/ WEED AB
		45088		4,450.00	VEGETATION MANAGEMENT/ WEED AB
		45089		500.00	VEGETATION MANAGEMENT/ WEED AB
		45090		800.00	VEGETATION MANAGEMENT/ WEED AB
		45091		500.00	VEGETATION MANAGEMENT/ WEED AB
		45092		600.00	VEGETATION MANAGEMENT/ WEED AB
		45093		675.00	VEGETATION MANAGEMENT/ WEED AB
<b>10/11/2018</b>	<b>JACQUELINE MCDUFFIE</b>		<b>30481</b>		<b>254.08</b>
		45078		254.08	T&M
<b>10/11/2018</b>	<b>MDRR PITTSBURG</b>		<b>30482</b>		<b>2,061.55</b>
		45079		2,061.55	WASTE
<b>10/11/2018</b>	<b>MDRR-PARK (MT. DIABLO RESOURCE RECC</b>		<b>30483</b>		<b>162.26</b>
		45075		162.26	WASTE
<b>10/11/2018</b>	<b>MONUMENT CAR PARTS</b>		<b>30484</b>		<b>138.59</b>
		44914		138.59	INVENTORY
<b>10/11/2018</b>	<b>MSC INDUSTRIAL SUPPLY CO. INC.</b>		<b>30485</b>		<b>505.82</b>
		44955		307.00	INVENTORY
		44957		198.82	INVENTORY
<b>10/11/2018</b>	<b>NATIONAL ASSOC OF CLEAN WATER AGENC</b>		<b>30486</b>		<b>12,325.00</b>
		44943		12,325.00	M&D - DISTRICT WIDE
<b>10/11/2018</b>	<b>NELSON STAFFING</b>		<b>30487</b>		<b>1,980.00</b>
		45095		1,980.00	O/S TEMP
<b>10/11/2018</b>	<b>NV5 INC.</b>		<b>30488</b>		<b>2,887.50</b>
		44986		2,887.50	RWF EMERGENCY BACKUP GENERATOR
<b>10/11/2018</b>	<b>NWN CORPORATION</b>		<b>30489</b>		<b>3,827.58</b>
		45094		3,827.58	PHONE EXP
<b>10/11/2018</b>	<b>PACIFIC COAST TRANE SERVICE</b>		<b>30490</b>		<b>680.00</b>
		45044		680.00	POC CHILLER ANNUAL PREVENTIVE
<b>10/11/2018</b>	<b>PACIFIC ECO-RISK LABORATORIES</b>		<b>30491</b>		<b>3,183.00</b>
		44878		3,183.00	CHRONIC TOXICITY TESTING CONTR
<b>10/11/2018</b>	<b>PACIFIC GAS &amp; ELECTRIC COMPANY</b>		<b>30492</b>		<b>403.24</b>

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
		45097		345.15	R&M BUILDING
		45098		58.09	R&M BUILDING
<b>10/11/2018</b>	<b>PFM ASSET MANAGEMENT</b>		<b>30493</b>	<b>604.27</b>	
		45096		604.27	O/S INVESTMENT
<b>10/11/2018</b>	<b>PUBLIC EMPLOYEES UNION</b>		<b>30494</b>	<b>1,534.17</b>	
		3163340		1,534.17	UNION DUES P&T
<b>10/11/2018</b>	<b>PUBLIC EMPLOYEES UNION</b>		<b>30495</b>	<b>4,330.56</b>	
		3163240		4,330.56	UNION DUES O&M
<b>10/11/2018</b>	<b>RH TECHNOLOGY</b>		<b>30496</b>	<b>4,257.63</b>	
		45101		4,257.63	O/S TEMP
<b>10/11/2018</b>	<b>TAC AMERICAS, INC.</b>		<b>30497</b>	<b>1,455.50</b>	
		45103		1,455.50	POC HVAC SYSTEM SERVICE AGREEM
<b>10/11/2018</b>	<b>CA STATE DISBURSEMENT UNIT</b>		<b>30498</b>	<b>750.00</b>	
		CS9648266		750.00	GARNISHMENT
<b>10/11/2018</b>	<b>STATE OF CALIFORNIA</b>		<b>30499</b>	<b>325.00</b>	
		446173		325.00	INCOME TAX WITHHOLDING ORDER
<b>10/11/2018</b>	<b>STATE OF CALIFORNIA</b>		<b>30500</b>	<b>261.76</b>	
		446183		261.76	COURT-ORDERED WITHHOLDING
<b>10/11/2018</b>	<b>SYSTEM 1 STAFFING</b>		<b>30501</b>	<b>2,640.40</b>	
		45102		2,640.40	O/S TEMP
<b>10/11/2018</b>	<b>TRANSENE COMPANY, INC.</b>		<b>30502</b>	<b>1,790.62</b>	
		44998		1,790.62	INVENTORY
<b>10/11/2018</b>	<b>UNIVAR USA INC</b>		<b>30503</b>	<b>17,472.71</b>	
		44936		3,228.31	SODIUM BISULFITE
		44947		5,401.42	SODIUM BISULFITE
		44949		3,227.25	SODIUM HYPOCHLORITE
		44999		5,615.73	SODIUM BISULFITE
<b>10/11/2018</b>	<b>VERIZON WIRELESS</b>		<b>30504</b>	<b>2,868.49</b>	
		45046		2,868.49	PHONE - AUGUST 18
<b>10/11/2018</b>	<b>WECK LABORATORIES, INC.</b>		<b>30505</b>	<b>486.98</b>	
		45004		243.49	CONTRACT LABORATORY SERVICES F
		45005		243.49	CONTRACT LABORATORY SERVICES F
<b>10/18/2018</b>	<b>AIRGAS USA, LLC</b>		<b>30506</b>	<b>1,455.60</b>	
		45204		1,455.60	INVENTORY
<b>10/18/2018</b>	<b>CITY OF ANTIOCH- WATER</b>		<b>30507</b>	<b>73.23</b>	
		45181		73.23	WATER SEPT 18
<b>10/18/2018</b>	<b>BARTEL ASSOCIATES, LLC</b>		<b>30508</b>	<b>5,500.00</b>	
		45216		5,500.00	Actuarial Services FY 2019
<b>10/18/2018</b>	<b>BRENTWOOD PRESS</b>		<b>30509</b>	<b>699.00</b>	
		45183		699.00	AD

<b>CHECK DATE</b>	<b>VENDOR NAME</b>	<b>INVOICE NO.</b>	<b>CHECK NO.</b>	<b>CHECK AMOUNT</b>	<b>CHECK AMOUNT DESCRIPTION</b>
10/18/2018	DARRELL CAIN		30510	37.60	
		45215		37.60	MILEAGE REIMB
10/18/2018	CALIFORNIA WATER TECHNOLOGIES,LLC		30511	5,297.85	
		44981		5,297.85	FERROUS CHLORIDE
10/18/2018	CALTEST ANALYTICAL LABORATORY		30512	2,305.35	
		44973		913.50	CONTRACT LABORATORY SERVICES
		45006		307.80	CONTRACT LABORATORY SERVICES
		45157		1,084.05	CONTRACT LABORATORY SERVICES
10/18/2018	CLASS C SOLUTIONS GROUP/		30513	382.50	
		44980		382.50	MAINTENANCE OPERATING EXPENSES
10/18/2018	DEAN CHAPMAN & ASSOCIATES, INC		30514	3,500.00	
		45019		3,500.00	REVIEW APPRAISAL TO PURCHASE P
10/18/2018	DEER VALLEY HIGH SCHOOL		30515	1,500.00	
		45130		1,500.00	AD
10/18/2018	DRAKE HAGLAN & ASSOCIATES, INC		30516	2,822.50	
		45127		2,822.50	CONSULTING SERVICES SODIUM BIS
10/18/2018	EVOQUA WATER TECHNOLOGIES, LLC		30517	382.00	
		45069		382.00	DI WATER FOR THE LABORATORY
10/18/2018	FARMER BROS CO		30518	606.04	
		44927		466.34	COFFEE SERVICE PLAN
		44941		139.70	COFFEE SERVICE PLAN
10/18/2018	FLOTTWEG SEPARATION		30519	7,557.84	
		45020		1,395.52	INVENTORY
		45194		6,162.32	RECUVANE SET FOR CTF8202
10/18/2018	MICHAEL CRAMBLIT FOSTER		30520	4,381.40	
		45186		4,381.40	DIGESTER #3 FEED VALVE
10/18/2018	GRAINGER		30521	1,156.37	
		45024		1,156.37	INVENTORY
10/18/2018	IN SHAPE HEALTH CLUBS		30522	884.00	
		45131		884.00	GYM
10/18/2018	LEGAL SHIELD		30523	173.55	
		45202		173.55	LEGAL MEMBERSHIPS OCT 18
10/18/2018	ANGELA LOWREY		30524	401.00	
		45158		401.00	COMP GLASSES REIMB
10/18/2018	MUNIQUIP, LLC		30525	2,347.80	
		45133		2,347.80	PURCHASE AND INSTALL 1 M83 MAN
10/18/2018	NELSON STAFFING		30526	1,980.00	
		45197		1,980.00	O/S TEMP
10/18/2018	PACIFIC GAS & ELECTRIC COMPANY		30527	945.00	
		45203		945.00	PLANT ELECTRICAL SHUTDOWN FOR REI



<b>CHECK DATE</b>	<b>VENDOR NAME</b>	<b>INVOICE NO.</b>	<b>CHECK NO.</b>	<b>CHECK AMOUNT</b>	<b>DESCRIPTION</b>
10/18/2018	<b>PRESIDIO SYSTEMS</b>		<b>30528</b>	<b>32,886.00</b>	
		45218	32,886.00		ANALYZER ROOM SITE UTILITIES
10/18/2018	<b>REPUBLIC SERVICES #210</b>		<b>30529</b>	<b>4,502.81</b>	
		45170	950.25		WASTE
		45171	3,552.56		WASTE
10/18/2018	<b>RH TECHNOLOGY</b>		<b>30530</b>	<b>2,838.42</b>	
		45172	2,838.42		O/S TEMP
10/18/2018	<b>STATE WATER RESOURCES</b>		<b>30531</b>	<b>410.00</b>	
		45161	410.00		M&D
10/18/2018	<b>NICHOLAS STEINER</b>		<b>30532</b>	<b>114.53</b>	
		45173	114.53		SAFETY SHOES REIMB
10/18/2018	<b>SYNAGRO WEST, LLC</b>		<b>30533</b>	<b>36,130.55</b>	
		45051	36,130.55		BIOSOLIDS HAULING
10/18/2018	<b>SYSTEM 1 STAFFING</b>		<b>30534</b>	<b>2,364.40</b>	
		45198	2,364.40		O/S TEMP
10/18/2018	<b>TRI-VALLEY JANITORIAL SERVICE &amp; SUPPL'</b>		<b>30535</b>	<b>255.00</b>	
		45110	255.00		JANITORIAL SERVICES
10/18/2018	<b>TURBO MACHINERY, INC</b>		<b>30536</b>	<b>8,336.40</b>	
		45134	1,246.00		P12503 IMPELLAR BALANCE
		45191	7,090.40		OPEN MAINTENANCE POSITIONS TE
10/18/2018	<b>UNITED PARCEL SERVICE</b>		<b>30537</b>	<b>11.10</b>	
		45213	11.10		POSTAGE
10/18/2018	<b>UNIVAR USA INC</b>		<b>30538</b>	<b>6,370.30</b>	
		45000	3,204.67		SODIUM HYPOCHLORITE
		45001	3,165.63		SODIUM HYPOCHLORITE
10/18/2018	<b>V.W. HOUSEN &amp; ASSOCIATES, INC.</b>		<b>30539</b>	<b>22,624.91</b>	
		45106	22,624.91		DESIGN WORK
10/18/2018	<b>VALLEJO ELECTRIC MOTOR, INC</b>		<b>30540</b>	<b>5,840.99</b>	
		45037	5,840.99		P102 MOTOR REPAIRS
10/18/2018	<b>WECK LABORATORIES, INC.</b>		<b>30541</b>	<b>1,031.72</b>	
		45036	515.86		CONTRACT LABORATORY SERVICES F
		45107	515.86		CONTRACT LABORATORY SERVICES F
10/18/2018	<b>AMANDA WONG ROA</b>		<b>30542</b>	<b>386.09</b>	
		45193	386.09		T&M
10/25/2018	<b>AFLAC</b>		<b>30545</b>	<b>916.30</b>	
		45299	916.30		INSURANCE
10/25/2018	<b>AIRGAS USA, LLC</b>		<b>30546</b>	<b>1,803.79</b>	
		45205	1,803.79		INVENTORY
10/25/2018	<b>ANDRITZ SEPARATION INC</b>		<b>30547</b>	<b>1,093.70</b>	
		45057	1,093.70		INVENTORY

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	DESCRIPTION
10/25/2018	CITY OF ANTIOCH- WATER		30548	10,286.19	
		45229	111.30		WATER SEPT 18
		45230	8,830.77		WATER SEPT 18
		45231	111.30		WATER SEPT 18
		45232	111.30		WATER SEPT 18
		45233	111.30		WATER SEPT 18
		45234	1,010.22		WATER SEPT 18
10/25/2018	MICHAEL BAKALDIN		30549	261.64	
		45236	261.64		RETIREE PREMIUM DED REIMB
10/25/2018	WILLIAM WESLEY BRANNON		30550	563.33	
		45214	563.33		INVENTORY
10/25/2018	DARRELL CAIN		30551	58.00	
		45174	19.00		MED REIMB
		45175	39.00		MED REIMB
10/25/2018	CALIFORNIA WATER TECHNOLOGIES,LLC		30552	5,124.61	
		45179	5,124.61		FERROUS CHLORIDE
10/25/2018	CALTEST ANALYTICAL LABORATORY		30553	641.70	
		45060	307.80		CONTRACT LABORATORY SERVICES
		45162	333.90		CONTRACT LABORATORY SERVICES
10/25/2018	CHEMTRADE CHEMICALS US LLC		30554	6,182.03	
		45200	3,176.98		ALUMINUM SULFATE
		45201	3,005.05		ALUMINUM SULFATE
10/25/2018	CLASS C SOLUTIONS GROUP/		30555	305.43	
		45212	305.43		MAINTENANCE OPERATING EXPENSES
10/25/2018	CLYDE STEAGALL, INC		30556	578,868.06	
		45276	578,868.06		RWF EMERGENCY BACKUP GENERATOR
10/25/2018	COLANTUONO, HIGHSMITH & WHATLEY, PC		30557	39.50	
		45239	39.50		LEGAL O/S
10/25/2018	CONTRA COSTA COUNTY		30558	25,174.05	
		45245	25,174.05		LEGAL O/S
10/25/2018	CONTRA COSTA WATER DISTRICT		30559	209.83	
		45238	209.83		WATER SEPT 18
10/25/2018	DELL COMPUTER CORP. MARKETING		30560	47,868.40	
		45296	47,868.40		Computer Replacement 2018-2019
10/25/2018	DIABLO WATER DISTRICT		30561	418.09	
		45242	418.09		WATER SEPT 18
10/25/2018	DISCOVERY BENEFITS, INC.		30562	115.50	
		45048	115.50		FSA - SEPT 18
10/25/2018	JOSEPH PETRONIO		30563	630.00	
		45182	630.00		CMMS SUPPORT & SERVICES

<b>CHECK DATE</b>	<b>VENDOR NAME</b>	<b>INVOICE NO.</b>	<b>CHECK NO.</b>	<b>CHECK AMOUNT</b>	<b>CHECK AMOUNT DESCRIPTION</b>
10/25/2018	<b>EVOQUA WATER TECHNOLOGIES, LLC</b>		<b>30564</b>	<b>288.00</b>	
		45070	288.00		DI WATER FOR THE LABORATORY
10/25/2018	<b>FERGUSON ENTERPRISES, INC.</b>		<b>30565</b>	<b>225.31</b>	
		45246	225.31		INVENTORY
10/25/2018	<b>FLO TREND</b>		<b>30566</b>	<b>5,284.06</b>	
		45209	5,284.06		INVENTORY
10/25/2018	<b>FRAXIA ENGINEERING</b>		<b>30567</b>	<b>55,072.75</b>	
		45129	55,072.75		DESIGN SERVICES BP SEWER REHAB
10/25/2018	<b>GOLDEN GATE PETROLEUM</b>		<b>30568</b>	<b>7,460.01</b>	
		45243	7,460.01		PO FUEL
10/25/2018	<b>GURMUKH SINGH GREWAL</b>		<b>30569</b>	<b>44.00</b>	
		45176	44.00		MED REIMB
10/25/2018	<b>JOHN MUIR HEALTH</b>		<b>30570</b>	<b>807.83</b>	
		45164	807.83		2018 Corporate Health Services
10/25/2018	<b>JW BACKHOE &amp; CONSTRUCTION, INC</b>		<b>30571</b>	<b>30,614.59</b>	
		45249	30,614.59		EMER PO - REPAIR OF VALVE AT R
10/25/2018	<b>KEY ADVOCATES INC.</b>		<b>30572</b>	<b>7,900.00</b>	
		44983	7,900.00		FEDERAL ADVOCACY WRWC PN 90024
10/25/2018	<b>KONE. INC.</b>		<b>30573</b>	<b>103.28</b>	
		45132	103.28		ELEVATOR SERVICE AGREEMENT
10/25/2018	<b>LEE &amp; RO, INC.</b>		<b>30574</b>	<b>76,699.21</b>	
		45073	76,699.21		SWGR DESIGN SERVICES
10/25/2018	<b>LEGAL SHIELD</b>		<b>30575</b>	<b>173.55</b>	
		45250	173.55		LEGAL MEMB
10/25/2018	<b>LINDE, INC.</b>		<b>30576</b>	<b>636.19</b>	
		45074	636.19		LIQUID OXYGEN
10/25/2018	<b>ANGELA LOWREY</b>		<b>30577</b>	<b>84.80</b>	
		45275	84.80		MILEAGE REIMB
10/25/2018	<b>MAZE &amp; ASSOCIATES</b>		<b>30578</b>	<b>14,300.00</b>	
		45077	14,300.00		Audit Services FYE 6/30/2018
10/25/2018	<b>MCCAMPBELL ANALYTICAL, INC.</b>		<b>30579</b>	<b>1,051.90</b>	
		45025	385.00		CONTRACT LABORATORIES SERVICES
		45251	666.90		CONTRACT LABORATORIES SERVICES
10/25/2018	<b>MEYERS NAVE</b>		<b>30580</b>	<b>3,322.08</b>	
		45041	3,322.08		LEGAL
10/25/2018	<b>NELSON STAFFING</b>		<b>30581</b>	<b>1,584.00</b>	
		45282	1,584.00		O/S TEMP
10/25/2018	<b>PACIFIC GAS &amp; ELECTRIC COMPANY</b>		<b>30582</b>	<b>84,591.86</b>	
		45256	41,561.39		ELECTRIC SEPT 18
		45257	43,030.47		ELECTRIC SEPT 18

<b>CHECK DATE</b>	<b>VENDOR NAME</b>	<b>INVOICE NO.</b>	<b>CHECK NO.</b>	<b>CHECK AMOUNT</b>	<b>DESCRIPTION</b>
10/25/2018	ABEL PALACIO		30583	545.45	
		45258	545.45		RETIREE PREM DED REIMB
10/25/2018	PAN PACIFIC SUPPLY CO.		30584	2,031.13	
		45190	2,031.13		P12503 CHESTERTON 155 SEAL REP
10/25/2018	CITY OF PITTSBURG		30585	24,806.18	
		45254	24,806.18		STREET SWEEPING - PITTSBURG
10/25/2018	CITY OF PITTSBURG		30586	23,035.27	
		45255	23,035.27		STREET SWEEPING - PITTSBURG
10/25/2018	POLYDYNE INC		30587	8,479.24	
		44997	-2,826.41		CREDIT MEMO
		45100	11,305.65		LIQUID POLYMER
10/25/2018	LEONARD M. POMPA		30588	129.67	
		45177	129.67		MED REIMB
10/25/2018	RAIN FOR RENT		30589	685.44	
		45283	685.44		PPS WATER STORAGE TANK
10/25/2018	REGIONAL GOVERNMENT SERVICES		30590	6,077.30	
		45165	5,975.60		JOB DESCRIPTION PROJECT
		45274	101.70		JOB DESCRIPTION PROJECT
10/25/2018	REGIONAL MONITORING PROGRAM		30591	61,644.00	
		45262	61,644.00		PERMIT & REG FEES
10/25/2018	RGM AND ASSOCIATES		30592	3,255.00	
		45259	2,172.50		CONSULTING SERVICES RWF EMERGE
		45260	1,082.50		CONSULTING SERVICES RWF EMERGE
10/25/2018	RH TECHNOLOGY		30593	3,493.44	
		45261	3,493.44		TEMP O/S
10/25/2018	CA STATE DISBURSEMENT UNIT		30594	750.00	
		CS9648267	750.00		GARNISHMENT
10/25/2018	STATE OF CALIFORNIA		30595	325.00	
		446174	325.00		INCOME TAX WITHOLDING ORDER
10/25/2018	STATE OF CALIFORNIA		30596	261.70	
		446184	261.70		COURT-ORDERED WITHOLDING
10/25/2018	SWAN ASSOCIATES INC.		30597	5,483.85	
		45109	5,483.85		INVENTORY
10/25/2018	SYSTEM 1 STAFFING		30598	7,921.20	
		45263	2,640.40		O/S TEMP
		45264	2,640.40		O/S TEMP
		45289	2,640.40		TEMP O/S
10/25/2018	TRI-VALLEY JANITORIAL SERVICE & SUPPL'		30599	6,966.00	
		45111	6,966.00		JANITORIAL SERVICES
10/25/2018	STACY TUCKER		30600	23.00	

<b>CHECK DATE</b>	<b>VENDOR NAME</b>	<b>INVOICE NO.</b>	<b>CHECK NO.</b>	<b>CHECK AMOUNT</b>	<b>DESCRIPTION</b>
		45178		23.00	MED REIMB
<b>10/25/2018</b>	<b>TURBO MACHINERY, INC</b>		<b>30601</b>		<b>12,053.68</b>
		45195		6,735.88	OPEN MAINTENANCE POSITIONS TE
		45298		5,317.80	OPEN MAINTENANCE POSITIONS TE
<b>10/25/2018</b>	<b>TYLER TECHNOLOGIES, INC.</b>		<b>30602</b>		<b>16,223.75</b>
		45199		16,223.75	O/S OTHER
<b>10/25/2018</b>	<b>UNIVAR USA INC</b>		<b>30603</b>		<b>14,098.43</b>
		45045		3,166.19	SODIUM HYPOCHLORITE
		45104		4,599.51	SODIUM BISULFITE
		45105		3,165.28	SODIUM HYPOCHLORITE
		45159		3,167.45	SODIUM HYPOCHLORITE
<b>10/25/2018</b>	<b>VALLEJO ELECTRIC MOTOR, INC</b>		<b>30604</b>		<b>5,481.08</b>
		45136		5,481.08	P2403 MOTOR REPAIRS
<b>10/25/2018</b>	<b>VALLEJO ELECTRIC MOTOR, INC</b>		<b>30605</b>		<b>5,433.69</b>
		45135		5,433.69	P12503 MOTOR REPAIRS
<b>10/25/2018</b>	<b>WM LYLES COMPANY</b>		<b>30606</b>		<b>201,105.50</b>
		45112		201,105.50	CONSTRUCTION SERVICES PN 17140
<b>10/25/2018</b>	<b>YORKE ENGINEERING, LLC</b>		<b>30607</b>		<b>1,346.75</b>
		45270		1,346.75	AIR PERMITTING ASSISTANCE
<b>10/25/2018</b>	<b>CITY OF PITTSBURG</b>		<b>30608</b>		<b>39.37</b>
		43355		39.37	EWASTE REVENUE
<b>10/25/2018</b>	<b>WEBRESTAURANT</b>		<b>30609</b>		<b>7,492.88</b>
		43847		7,492.88	3 DOOR REFRIG. MODEL- ST-72RG
	<b>GRAND TOTAL</b>				<b><u>2,414,635.60</u></b>

December 12, 2018

ADOPT RESOLUTION COMMENDING AND CONGRATULATING RICHARD (RICH) TAMBORSKI, MAINTENANCE MECHANIC II, ON HIS RETIREMENT FROM THE DISTRICT

RECOMMENDATION

Adopt Resolution commending and congratulating Richard (Rich) Tamborski on his retirement from the District.

Background Information

Richard (Rich) Tamborski began his employment with the District as a Maintenance Mechanic II on March 30, 2005.

Analysis

Mr. Tamborski is retiring after nearly 14 years of service with the District. His last day of work will be December 28, 2018. Prior to joining Delta Diablo, Mr. Tamborski worked at several Bay Area petroleum refineries, and other heavy industrial facilities, performing a variety of maintenance and repair activities, gaining valuable mechanical skills and abilities, especially on large pumps and motors. Mr. Tamborski applied this experience and knowledge at the District through improved maintenance practices and safe work methods.

He used his expertise with rotating equipment to adopt precision alignment methods as part of our standard practice for pump and motor installations. Mr. Tamborski's attention to detail in performing this work contributed significantly to the improved operational reliability and extended service life of these assets.

Mr. Tamborski is a valuable Maintenance Division team member and has contributed to operational excellence at the District. He is well-respected by his peers and demonstrated a deep passion and commitment to ensuring a safe work environment. We wish him well in all his future endeavors.

Attachment

Proposed Resolution

Prepared by: Terry Spurgeon  
Terry Spurgeon  
Maintenance Manager

Reviewed by: Dean Eckerson  
Dean Eckerson  
Resource Recovery  
Services Director

cc: Richard Tamborski, Maintenance Mechanic II  
District File No. HR.01-PEF



**BEFORE THE BOARD OF DIRECTORS OF  
DELTA DIABLO**

**RE: Commending and Congratulating )  
Richard (Rich) Tamborski, )  
Maintenance Mechanic II on his )  
Retirement from the District )**

**RESOLUTION NO. X/2018**

THE BOARD OF DIRECTORS OF DELTA DIABLO HAS DETERMINED THAT:

WHEREAS, Richard (Rich) Tamborski was hired by Delta Diablo as a Maintenance Mechanic II on March 30, 2005; and

WHEREAS, he served in that capacity until his retirement on December 28, 2018, a period of almost 14 years; and

WHEREAS, he applied his mechanical skills and knowledge to the District's benefit through improved maintenance practices; and

WHEREAS, his expertise and attention to detail in maintaining the District's large pumps and motors contributed significantly to the improved operational reliability and extended service life of these assets; and

WHEREAS, he earned the trust and respect of his peers and contributed significantly to the District's safe work practices and operational excellence.

NOW THEREFORE, the Board of Directors of Delta Diablo DOES HEREBY RESOLVE AND ORDER as follows:

**Richard Tamborski is hereby commended and thanked for his outstanding service and dedication to the District. The Board of Directors and District staff wish him well in all his future endeavors.**

PASSED AND ADOPTED on December 12, 2018, by the following vote:

AYES:

ABSENT:

NOES:

ABSTAIN:

I HEREBY CERTIFY that the foregoing is a true and correct copy of a Resolution adopted by the Board of Directors of Delta Diablo on December 12, 2018.

ATTEST: Sean Wright  
Vice Chair

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

**RESOLUTION NO. X/2018**

December 12, 2018

ADOPT RESOLUTION COMMENDING AND CONGRATULATING ANDRZEJ (ANDRE) DEMBNY, MAINTENANCE MECHANIC II, ON HIS RETIREMENT FROM THE DISTRICT

RECOMMENDATION

Adopt Resolution commending and congratulating Andrzej (Andre) Dembny on his retirement from the District.

Background Information

Andrzej (Andre) Dembny began his employment with the District as a Maintenance Mechanic II on December 12, 2000.

Analysis

Mr. Dembny is retiring after 18 years of service with the District. His last day of work is December 28, 2018. During his career with the District, Mr. Dembny applied his experience and acquired institutional knowledge to benefit the District through improved maintenance practices, especially through repairing and rebuilding various pumps at District facilities. He was instrumental in introducing tighter pump specifications for the rebuilding process, resulting in improved operational reliability and extended service life. Mr. Dembny's high standard of workmanship in rebuilding the pumps throughout the conveyance and treatment facilities contributed significantly to the District's consistent performance and high level of service to its customers.

Mr. Dembny is a valuable Maintenance Division team member and has contributed significantly to the District's operational excellence. He is well respected amongst his peers and has made a positive impact, both professionally and personally, with his co-workers.

The District wishes him well in all his future endeavors.

Attachment

Resolution of Commendation

Prepared by:

  
Terry Spurgeon  
Maintenance Manager

Reviewed by:

  
Dean Eckerson  
Resource Recovery  
Services Director

cc: Andrzej Dembny, Maintenance Mechanic II  
District File No. HR.01-PEF





**BEFORE THE BOARD OF DIRECTORS OF  
DELTA DIABLO**

**RE: Commending and Congratulating )  
Andrzej (Andre) Dembny, )  
Maintenance Mechanic II, on his )  
Retirement from the District )**

**RESOLUTION NO. X/2018**

THE BOARD OF DIRECTORS OF DELTA DIABLO HAS DETERMINED THAT:

WHEREAS, Andrzej Dembny was hired by Delta Diablo as a Maintenance Mechanic II on December 12, 2000; and

WHEREAS, he served in this capacity until his retirement on December 28, 2018, a period of 18 years; and

WHEREAS, he applied his mechanical skills and knowledge to the District's benefit through improved maintenance practices; and

WHEREAS, his high standard of workmanship in rebuilding pumps throughout the conveyance and treatment facilities contributed significantly to the District's consistent performance and high level of service to its customers; and

WHEREAS, he earned the trust and respect of his peers and contributed significantly to the District's operational excellence.

NOW THEREFORE, the Board of Directors of Delta Diablo DOES HEREBY RESOLVE AND ORDER as follows:

**Andrzej Dembny is hereby commended and thanked for his outstanding service and dedication to the District. The Board of Directors and District staff wish him well in all his future endeavors.**

PASSED AND ADOPTED on December 12, 2018, by the following vote:

AYES:  
NOES:

ABSENT:  
ABSTAIN:

I HEREBY CERTIFY that the foregoing is a true and correct copy of a Resolution adopted by the Board of Directors of Delta Diablo on December 12, 2018.

ATTEST: Sean Wright  
Vice Chair

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

**RESOLUTION NO. X/2018**

December 12, 2018

ADOPT RESOLUTION COMMENDING AND CONGRATULATING PAULETTE RIOS,  
BUYER, ON HER RETIREMENT FROM THE DISTRICT

RECOMMENDATION

Adopt Resolution commending and congratulating Paulette Rios on her retirement from the District.

Background Information

Paulette Rios began her employment with the District as a Buyer on September 8, 2014. Prior to her appointment as a regular employee, Ms. Rios served the District in a temporary capacity for approximately one year.

Analysis

Ms. Rios's extensive experience and background in public sector procurement was highly valued and contributed to the District receiving the best value in the procurement of various services and goods. During her tenure with the District, Ms. Rios was able to secure significant savings for the District for the chemicals used in the treatment process and the janitorial and maintenance service contracts.

Ms. Rios's professionalism and dedication to achieving the best value for the District is greatly appreciated. We wish her well in all her future endeavors.

Attachment

Proposed Resolution

Prepared by:



Carol Margetich  
Business Services Director

cc: Paulette Rios  
District File No. HR.01-PEF-





December 12, 2018

RECEIVE AND APPROVE REPORT ON FISCAL YEAR 2017/2018 CAPITAL PROJECT FUNDS TO BE CARRIED OVER TO FISCAL YEAR 2018/2019, BUDGET ADJUSTMENTS FOR REDUCED BUDGET AMOUNTS ON CARRYOVER PROJECTS, AND PROJECTS CLOSED IN FISCAL YEAR 2017/2018

RECOMMENDATION

- 1) Receive report
- 2) Approve project budget carryovers and closures from Fiscal Year 2017/2018 (FY17/18) to be recorded in the official District financial records, and budget adjustments for reduced budget amounts on carryover projects.

Background Information

As provided for in Resolution No. 6/2001, the General Manager is authorized to carry forward funds from the previous year that are for committed or planned expenses. The Resolution requires final approval of this action by the Board. Following the end of each fiscal year, the Board also addresses any required transfers or appropriations to close completed capital projects.

Analysis

As part of the fiscal year-end accounting and close-out process, staff reviews project encumbrances and remaining balances. For Capital Improvement Program (CIP) projects that are expected to continue another year, any unspent budgeted CIP funds from FY17/18 are carried over to FY18/19. This year, in addition to carrying over unspent funds, staff recommends that the Board authorize reductions to the budget amounts for 18 of the carryover projects. CIP projects that were completed in FY17/18 with remaining funds are closed and unspent funds are returned to the appropriate fund balance. Any additional appropriations required to complete project close-outs are also submitted to the Board for consideration. A summary of 1) budgeted carryover funds from FY17/18 to FY18/19 for active on-going CIP projects, and 2) project funds appropriated (from)/to fund balances for closed projects is shown in Table 1 below.

Table 1. FY17/18 Budget Carryover/Appropriated.

FUND	Available Adjusted Budget FY17/18 <sup>(1)</sup>	Actual Expenditures FY17/18	Budget Remaining 6/30/2018 <sup>(2)</sup>	Budget Carryover <sup>(3)</sup>	Appropriated (From)/To Fund Balances <sup>(4)</sup>
WW Capital Asset (120)	6,082,699	2,732,590	3,350,109	775,000	2,575,109
WW Capital Asset - Adv Treatment (125)	2,851,462	1,891,468	959,994	25,000	934,994
WW Capital Asset Replacement (130)	19,084,297	6,652,562	12,431,735	4,606,503	7,825,232
WW Expansion (140)	780,670	432,808	347,862	347,862	0
Recycled Water (220, 230 & 240)	6,623,040	1,004,285	5,618,755	1,026,593	4,592,162
HHW Capital Asset (320)	50,000	0	50,000	0	50,000
Bay Point Capital Asset (520)	700,000	83,626	616,374	150,000	466,374
<b>TOTAL - ALL FUNDS</b>	<b>\$36,172,168</b>	<b>\$12,797,339</b>	<b>\$23,374,829</b>	<b>\$6,930,958</b>	<b>\$16,443,871</b>

<sup>(1)</sup> Original budget appropriation + budget amendments/transfers including prior year carryovers

<sup>(2)</sup> Available Adjusted Budget minus Actual Expenditures FY17/18

<sup>(3)</sup> Project Budget Carryover FY17/18 to FY18/19 (detailed listing in Attachment 1)

<sup>(4)</sup> Project Budget Close-out FY17/18 (detailed listing in Attachment 2)



Budget carryovers by project are listed in Attachment 1, while appropriations and/or returns to fund balances for closed capital projects is presented in Attachment 2.

For FY17/18, actual capital expenditures of \$12,797,339 (35%) were incurred out of the total available budget of \$36,172,168 (Table 1, Footnote 1). There was \$23,374,829 (65%) of unspent capital budget funds as of fiscal year-end (Table 1, Footnote 2). A total of \$6,930,958 (30%) of the unspent capital (Table 1, Footnote 3) will be carried over to FY18/19, primarily for large, active on-going projects that are planned to continue in FY18/19 and the remaining \$16,443,871 (70%) (Table 1, Footnote 4) will be appropriated back to the fund balances for closed projects. Most of the projects that will be closed have remaining budget due to cost savings, changes to project scope, and/or the project was discontinued. There were also other projects that slightly exceeded their projected budget due to unanticipated expenditures, primarily staff time, and/or had offsetting revenues through grants/project reimbursements.

Major capital project (amounts greater than \$500,000) funds to be carried over from FY17/18 to FY18/19 year totaled \$4,762,058 (69%), of the total of \$6,930,871. Most projects with carryover budget are expected to close out within the next two to three fiscal years.

The major projects are highlighted in Table 2.

Table 2. Major Capital Project to be Carried Over from FY17/18.

Project Description	Fund	Project No.	Budget Carried Forward (\$)
Permanent Brine Transfer Facility	120	18109	750,000
Pittsburg Forcemain Improvements	130/140	14116	1,405,089
Primary Clarifier Area Improvement	130	17140	1,000,000
District Office Building Roofing and Sheet Metal Replacement	130	18112	806,969
Emergency Back-up Power Generator	220	15126	947,960


Financial Impact

There are sufficient funds for the \$6,930,958 capital project budget carryovers to FY18/19, which were anticipated in the most recent rate analyses. For closed projects, a total of \$16,443,871 will be appropriated to the fund balances from which these funds were originally budgeted. This action will finalize the financial records related to these projects.

Attachments

- 1) Project Budget Carryovers FY17/18 to FY18/19
- 2) Project Budget Close-out FY17/18

Prepared by:

  
 Eka Ekanem  
 Senior Accountant

Reviewed by:

  
 Carol Margetich  
 Business Services Director



**Attachment 1**  
**Project Budget Carryovers FY17/18 to FY18/19**

<b>No.</b>	<b>Project Description</b>	<b>Project</b>	<b>Fund</b>	<b>CIP Budget Carried Forward</b>
1	Influent Pump Station Improvements	10050	220	\$ -
2	Plant Water Line Replacement	10114	130	45,666
3	Analyzer Room Installation	10187	220	126,608
4	Tower Pump Station Rehabilitation	13106	130	35,003
5	Pittsburg Forcemain Improvements	14116	130/140	1,405,089
6	Pittsburg Recycled Water Meter Standardization	15120	230	99,985
7	Emergency Back-up Power Generator	15126	220	800,000
8	Area Control Panel Door Replacements	16114	130	39,251
9	East County Bioenergy Project	16117	120	-
10	Headworks Improvements	17117	130	400,000
11	Treatment Plant Electrical Switchgear Replacement	17120	130	250,000
12	Nutrient Technology Research and Innovation	17123	125	-
13	Shore Acres Pump Station Sewage Pump Replacment	17138	130	262,387
14	Sodium Bisulfite Tank and Chemical Builidy Canopy Replacement	17139	130	100,000
15	Primary Clarifier Area Improvement	17140	130	1,000,000
16	Permanent Brine Transfer Facility	18109	120	750,000
17	Digesters Nos. 1-3 Evaluation and Repair	18111	130	-
18	District Office Building Roofing and Sheet Metal Replacement	18112	130	806,969
19	District Office Building Systems Replacement	18113	130	200,000
20	SCADA Communication Network / PLC Processor Upgrade	18114	130	200,000
21	Treatment Plant Roadway Maintenance Project	18115	130	210,000
22	RWF Filter Backwash Valve Installation	18117	220	-
23	RWF CCT Influent Valves Replacement	18118	230	-
24	Bay Point Rehabilitation Phase IV	18119	520	150,000
25	Pump Station Facility Repair	80008	130	-
26	Resource Recovery Master Plan	80009	120/125	50,000
<b>TOTAL \$</b>				<b>6,930,958</b>

**Fund Codes:**

120: Wastewater - Capital Asset

125: Wastewater Capital Asset - Advanced Treatment Plant

130: Wastewater - Capital Asset Replacement

140: Wastewater - Capital Expansion

220: Recycled Water - Capital Asset

230: Recycled Water - Capital Asset Replacement

240: Recycled Water - Capital Expansion

320: Household Hazardous Waste - Capital Asset

520: Bay Point - Capital Rehabilitation

**Attachment 2  
Project Budget Close-Out FY17/18**

			<b>CIP Budget Closed and Appropriated To/From Reserves</b>	
	<b>Project Description</b>	<b>Project No.</b>	<b>Fund No.</b>	
1	Treatment Plant Land Acquisition	10044	120/125	\$ 476,368
2	Photovoltaic Energy Gen Project	10119	120	-
3	Easement Road Surfacing	10052	520	120,000
4	Obsolete Equipment Demolition	10072	130	118,188
5	Operations Equipment & Storage Facilities	10143	120	(1,965) <sup>(1)</sup>
6	Distribution System Expansion	10158	240	200,000
7	Nutrient Removal Study 13-14/CANDO Pilot	14111/14123	125	8,300
8	Cathodic Protection Replacement and Maintenance	15109	130	264,237
9	Treatment Plant Building Lobby Remodel	15112	130	(90) <sup>(2)</sup>
10	RW Fill Station Pilot Project	15124	240	(5,922) <sup>(2)</sup>
11	Digester Drain Pit Rehabilitation	16110	130	25,000
12	Facility Condition Assessment Study	17116	120/130	317,925
13	Headworks Odor Control Ventilation Evaluation	17118	130	9,437
14	Trickling Tower Blower Housing Evaluation	17119	130	145,081
15	Primary Clarifiers Distribution Structure Influent Piping Rehab	17121	130	31,425
16	Commercial/Residential Recycled Water Fill Station	17124	220	196,982
17	Buckley Square and Pittsburg RW Mainline Valve Replacement	17125	230/240	1,026
18	Power Avenue Recycled Water Pipeline Rehabilitation	17126	230	28,222
19	Recycled Water System Storage Tank	17127	240	3,299,793
20	Future Use Projects	18099	120	50,000
21	Small District Capital Asset Projects	18100	120	150,000
22	Conveyance System Rehabilitation and Replacement	18101	130	199,950
23	Rehabilitations and Replacements	18102	130	150,793
24	Small RWF Capital Asset Projects	18103	220	50,000
25	Unanticipated RWF Replacement Projects	18104	230	10,018
26	Household Hazardous Waste Improvements	18105	320	50,000
27	Unanticipated Repairs and Replacements	18106	520	16,055
28	Conveyance and Treatment System Reliability Improvements	18107	120	50,000
29	Energy & Water Efficiency Improvements	18108	120/130	50,000
30	Vactor Truck Decant Facility	18116	130/230/520	95,974
31	Antioch Force Main 102 Repair	18122	130	150,349

<b>TOTAL</b>	<b>\$ 6,257,146</b>
--------------	---------------------

**Carry Over Project Budget Adjustments**

1	Influent Pump Station Improvements 07-08	10050	220	\$ 175,804.00 <sup>(3)</sup>
2	Emergency Back-up Power Generator 14-15	15126	220	147,960 <sup>(3)</sup>
3	East County Bioenergy Project	16117	120	876,564 <sup>(3)</sup>
4	Headworks Improvements	17117	130	710,689 <sup>(3)</sup>
5	Treatment Plant Electrical Switchgear Replacement	17120	130	592,423 <sup>(3)</sup>
6	Nutrient Technology Research and Innovation	17123	125	98,156 <sup>(3)</sup>
7	Sodium Bisulfite Tank and Chemical Bulldiy Canopy Replacement	17139	130	109,557 <sup>(3)</sup>
8	Primary Clarifier Area Improvement	17140	130	676,316 <sup>(3)</sup>
9	Permanent Brine Transfer Facility	18109	120	191,259 <sup>(3)</sup>
10	Digesters Nos. 1-3 Evaluation and Repair	18111	130	375,856 <sup>(3)</sup>
11	District Office Building Systems Replacement	18113	130	282,837 <sup>(3)</sup>
12	SCADA Communication Network / PLC Processor Upgrade	18114	130	353,145 <sup>(3)</sup>
13	Treatment Plant Roadway Maintenance Project	18115	130	51,028 <sup>(3)</sup>
14	RWF Filter Backwash Valve Installation	18117	220	100,000 <sup>(3)</sup>
15	RWF CCT Influent Valves Replacement	18118	230	100,000 <sup>(3)</sup>
16	Bay Point Rehabilitation Phase IV	18119	520	301,527 <sup>(3)</sup>
17	Pump Station Facility Repair (Minor projects 17128-17132)	80008	130	3,360,652 <sup>(3)</sup>
18	Resource Recovery Master Plan	80009	120/125/240	1,682,952 <sup>(3)</sup>

<b>TOTAL</b>	<b>\$ 10,186,725</b>
--------------	----------------------

<b>GRAND TOTAL</b>	<b>\$ 16,443,871</b>
--------------------	----------------------

**Fund Codes:**

- 120: Wastewater - Capital Asset
- 125: Wastewater Capital Asset - Advanced Treatment Plant
- 130: Wastewater - Capital Asset Replacement
- 140: Wastewater - Capital Expansion
- 220: Recycled Water - Capital Asset
- 230: Recycled Water - Capital Asset Replacement
- 240: Recycled Water - Capital Expansion
- 320: Household Hazardous Waste - Capital Asset
- 520: Bay Point - Capital Rehabilitation

**Notes:**

- (1) Additional unanticipated costs were incurred than previously budgeted.
- (2) Expenses incurred after project was closed out in prior year.
- (3) Funds appropriated to reserves due to revised budget amounts on carry over projects.

December 12, 2018

ACCEPT AND AUTHORIZE GENERAL MANAGER TO FILE NOTICE OF COMPLETION, CLYDE G. STEAGALL, INC., RECYCLED WATER FACILITY EMERGENCY BACKUP GENERATOR, PROJECT NO. 15126

RECOMMENDATION

Accept the Recycled Water Facility (RWF) Emergency Backup Generator Project as complete and authorize the General Manager to file a Notice of Completion (NOC) with the Contra Costa County Recorder's Office.

Background Information

In February 2018, the Board awarded a construction services contract for the RWF Emergency Backup Generator Project to Clyde G. Steagall, Inc. (Steagall) in the amount of \$1,044,257. The construction work included the installation of a new standby diesel generator to ensure ongoing RWF operation during power outages and improve operational flexibility to meet peak day recycled water demand within the District's service area. Construction for the project commenced in June 2018 with field work completed in November 2018.

Analysis

The project work has been inspected and found to meet contract requirements. Staff recommends full acceptance of the project by the Board. In addition, staff recommends the Board authorize the General Manager to file the NOC for the project with the Contra Costa County Recorder's Office. Per California Civil Code Section 3093, filing the NOC will provide notification to subcontractors, vendors, and suppliers of the completion of work, and will require such parties to submit any claims within thirty (30) days of the notice. Presently, there are no pending claims and staff is not aware of any unresolved issues that could lead to a claim related to this project.


Financial Impact

The adopted Fiscal Year 2018/2019 – 2022/2023 (FY18/19 – FY22/23) CIP includes an appropriation of \$1,700,000 through FY18/19 for the RWF Emergency Backup Generator Project. Steagall's final contract amount, including change orders, is \$1,093,871.43. The total project cost, including design, construction, and staff time, is \$1,490,000. Unused funds will be returned to the Recycled Water Capital Asset Fund reserves. The District also secured a United States Bureau of Reclamation WaterSMART Water and Energy Efficiency Grant in the amount of \$296,959 and a State of California, Department of Water Resources, Proposition 84 Grant in the amount of \$309,341 (total = \$606,300), to reimburse design and construction expenditures.


Attachments

Notice of Completion

Prepared by:

  
Thanh Vo  
Senior Engineer

Reviewed by:

  
Brian Thomas  
Engineering Services  
Director/District Engineer

cc: Project File No. P.15126.11.04





When Recorded, Return to:

Delta Diablo  
2500 Pittsburg-Antioch Highway  
Antioch, CA 94509-1373

[  
[  
[  
[  
[  
[  
[  
[  
[  
[  
\_\_\_\_\_

**NOTICE OF COMPLETION**

NOTICE IS HEREBY GIVEN THAT:

1. The undersigned is an owner of an interest or estate in the hereinafter-described real property, the nature of which interest or estate is fee simple.
2. The full name and address of the undersigned owner and of any and all co-owners is: Delta Diablo, 2500 Pittsburg-Antioch Highway, Antioch, CA 94509.
3. On the 30th day of November 2018, there was completed upon the hereinafter-described real property a work of improvement as a whole known as RECYCLED WATER FACILITY EMERGENCY BACKUP GENERATOR, PROJECT NO. 15126.
4. The name of the original contractor for the work of improvement as a whole was Clyde G. Steagall, Inc., Loomis, CA.
5. The real property herein referred to is situated in the City of Pittsburg, County of Contra Costa, State of California, and described as follows:

2500 Pittsburg-Antioch Highway

DELTA DIABLO  
(Owner)

By: \_\_\_\_\_  
Vince De Lange  
General Manager

VERIFICATION

I, Vince De Lange, declare:

I hold the title of General Manager of Delta Diablo and am authorized to make this declaration on its behalf.

I have read the foregoing Notice of Completion and know the contents thereof. The Notice of Completion is true of my own knowledge, except as to those matters that are therein stated on information and belief, and as to those matters, I believe them to be true.

This declaration was signed on December 12, 2018, at Antioch, California. I declare under penalty of perjury that the foregoing is true and correct.

\_\_\_\_\_  
Vince De Lange  
General Manager

December 12, 2018

ACTING IN THE CAPACITY AS LEAD AGENCY OF THE WESTERN RECYCLED WATER COALITION, AUTHORIZE GENERAL MANAGER TO EXECUTE AMENDMENT NO. 4 TO CONSULTING SERVICES CONTRACT IN THE AMOUNT OF \$90,000, FOR A NEW TOTAL CONTRACT AMOUNT NOT TO EXCEED \$422,000, KEY ADVOCATES, INC., 2019 LEGISLATIVE ADVOCACY SERVICES, WESTERN RECYCLED WATER COALITION, PROJECT NO. 90024

RECOMMENDATION

Authorize General Manager, acting in the capacity as lead agency of the Western Recycled Water Coalition (WRWC or Coalition), to execute Amendment No. 4 to the Consulting Services Contract in the amount of \$90,000 with Key Advocates, Inc. for a new total contract amount not to exceed \$422,000, to provide federal legislative advocacy services to seek authorization and funding for WRWC projects.

Background Information

Delta Diablo serves as the lead agency for WRWC, which has 18 members across California's Bay-Delta, Central Valley, Central Coast, and Hawaii. The Coalition uses a regional partnership approach to share costs for federal advocacy to promote legislation authorizing and appropriating federal funding for recycled water projects. The Coalition originally focused on pursuing federal funding through Title XVI of the Reclamation Wastewater and Groundwater Study and Facilities Act of 1992. Federal advocacy efforts have expanded beyond Title XVI to include advocacy for low-interest federal loans, new grant programs, and federal infrastructure funding opportunities.

Sante Esposito of Key Advocates, previously Federal Advocates, has provided legislative advocacy services to the Bay Area Recycled Water Coalition and WRWC since late 2006. This contract will build on past successes and identify new funding opportunities for Coalition projects. Costs are shared among Coalition members, in accordance with the Second Amended and Restated Memorandum of Agreement that became effective on December 30, 2012.

Analysis

Representation in Washington, D.C. is essential to obtaining administration support and legislative action for WRWC projects, and the Coalition's regional approach has been essential in garnering strong congressional support. The Coalition's work, facilitated by Key Advocates, has resulted in the award of over \$34.7 million to construct nine projects, and \$3.4 million to plan 14 new projects. Key Advocates provided the attached Scope of Services for the 2019 calendar year. Their work will continue to promote expansion of federal funding programs for water recycling projects. Delta Diablo does not currently have a water recycling project seeking federal funding but will participate as an associate member in addition to providing lead agency services. The retainer for Key Advocates services for 2019 will be \$7,500 per month.


Financial Impact

The overall annual budget for WRWC is \$115,000 with costs shared by WRWC members. The proposed \$90,000 contract provides advocacy services through December 2019. However, the total contract amount may be reduced if existing member agencies do not continue membership

in 2019. The overall annual budget includes \$25,000 for Delta Diablo to provide administrative services as the lead agency. Delta Diablo's budget share as an associate member is estimated not to exceed \$2,500 and is included in the adopted Fiscal Year 2018/19 budget.

Attachments  
2019 Scope of Services

Prepared by:   
Jayne Strommer  
Government Affairs Manager

Reviewed by:   
Brian Thomas  
Engineering Services  
Director/District Engineer

cc: District File No. P.90024.01.04





1701 Pennsylvania Avenue  
Suite 300  
Washington, D.C. 20006  
(202) 722-0167

### **Key Advocates: 2019 Proposed Scope of Services**

On behalf of Key Advocates, Inc., the following outlines the 2019 proposed scope of services:

1. **Mega Infrastructure Bill** - Support enactment of a mega infrastructure bill to include at the least triple funding for the Clean Water SRF and robust funding for recycled water.
  - a. Administration - advocate for Clean Water SRF and recycled water funding before various Administration officials, specifically The White House and the National Economic Council.
  - b. Senate Leadership - advocate for inclusion in the Senate mega infrastructure bill significant funding for the Clean Water SRF and recycled water.
  - c. Senate Environment and Public Works Committee - advocate for Clean Water SRF funding before key Members of the Senate Environment and Public Works Committee, the committee of primary jurisdiction in the Senate over a mega infrastructure bill and the Clean Water SRF.
  - d. Senate Energy and Natural Resources Committee - with jurisdiction over recycled water -Title XVI, WaterSMART, and the Title XVI WIIN competitive grant program - advocate for significant funding for these in an infrastructure bill.
  - e. Senator Feinstein - as the Senator is expected to play a key role on infrastructure, advocate for significant funding for the Clean Water SRF and the Title XVI programs.
  - f. Senator Kamala Harris - continue working with her office on the infrastructure bill and introduction of the Coalition's projects bill.
  - g. House Leadership - advocate for inclusion in the House mega infrastructure bill significant funding for the Clean Water SRF and recycled water.

- h. House Transportation and Infrastructure Committee - as the committee of primary jurisdiction in the House over an infrastructure bill and the Clean Water SRF and the Alternate Water Source programs, continue advocacy for reauthorization of the Clean Water SRF and the Alternate Water Source Program, with eligibility clarification as to the latter to support the Coalition's projects, in the Committee's portion of the infrastructure bill.
- i. House Natural Resources Committee - with Representatives Grace Napolitano and Jared Huffman, especially, as Committee members, work with them on increased funding for recycled water as part of the infrastructure bill.
- j. Congressman Jerry McNerney - the Congressman sits on the Energy and Commerce Committee, one of the key committees in the infrastructure process. He is also the author this Congress of the Coalition's projects bill and the "WEST Act," in which the Coalition was very much involved. Support the Congressman's efforts to influence the infrastructure bill from his position on the Energy Committee.
- k. Congressman Earl Blumenauer - the Congressman is the author this Congress of H.R. 1647, the "Water Infrastructure Trust Fund Act of 2017," which would create a voluntary fee program on water products to support funding for the Clean Water SRF. This is an approach that the Coalition has supported in the past and sees it as a first step toward a self-financed national water trust fund. Continue support of this effort and the Congressman in his pursuit of infrastructure via his role on the Ways and Means Committee.

2. **Title XVI WIIN Grant Program** - advocate for reauthorization at significantly higher levels of funding than current law and inclusion of programmatic changes the Coalition supports.

3. **Coalition's Projects Bill** - continue working with Congressman McNerney, the author this Congress of H.R. 2799, the "Western Water Recycling and Drought Relief Act," for introduction of the Coalition's projects bill next Congress. Work also with Senator Harris, per the above, to introduce the "McNerney bill" in the Senate.

4. **Earmarks** - support the return of earmarks, including earmarks for recycled water projects, in the infrastructure bill and the FY20 appropriations process.

5. **President's FY20 Budget** - advocate for significant funding of the Clean Water SRF and water recycling programs.

6. **FY20 Appropriations** - advocate for the highest funding levels for the Clean Water SRF, Title XVI (both the "traditional" and competitive grant program) and WaterSMART.

7. **FY20 Congressional Budget Resolution** - work with the House and Senate Budget Committees for inclusion in Function 300, Natural Resources and the Environment, of

the highest possible funding levels to support “robust” funding for the Clean Water SRF and recycled water.

**8. Clean Water Caucus and Related Task Forces** - work to support increased visibility regarding the funding needs and importance of water programs in general, and specifically clean water and recycled water.

**9. D.C. Meetings** - coordinate annual and periodic visits by the Coalition to meet with various Members and/or staff and representatives of the Administration (USBR, OMB, etc.). The timing and focus of the meetings will depend upon the status of various issues. Coordinate additional meetings as deemed necessary. Also, provide logistic support for such meetings.

**10. Relationship Building** - continue to build upon Member relationships to date and develop new relationships given the significant number of new members for the next Congress. This effort will also focus on the appropriate staff.

**11. Monthly Reports** - provide monthly activity reports.

**12. Letters, Testimonies, etc.** - coordinate the formulation and submission of various letters and testimony, as the need arises.

**Retainer** - \$7,500 monthly subject to modification pending results of Coalition membership and cost shares.

December 12, 2018

ACCEPT AS COMPLETE, ALAN PRE-FAB BUILDING CORPORATION AND PRESIDIO SYSTEMS INCORPORATED, ANALYZER ROOM INSTALLATION, PROJECT NO. 10187

RECOMMENDATION

Accept the Analyzer Room Installation Project as complete.

Background Information

In February 2018, the Board of Directors authorized the General Manager to execute a materials procurement contract in the amount of \$70,166 with Alan Pre-Fab Building Corporation (Alan Pre-Fab) for the purchase of a new modular building to replace the existing analyzer building at the District's Recycled Water Facility. Because the District did not receive construction bids during the bid period, the Board provided authorization to contract with an on-call District contractor to install the new modular building. Presidio Systems Incorporated (Presidio) was selected from the list of approved on-call contractors to perform the work for a contract amount not to exceed \$50,000.

Analysis

Presidio completed construction of the Analyzer Room Installation Project on September 21, 2018, following delivery of the new modular building by Alan Pre-Fab. The work has been inspected and found to meet all District requirements. Staff recommends full acceptance of the project by the Board.

Financial Impact

The adopted Fiscal Year 2018/2019 – 2022/2023 Capital Improvement Program includes an overall project budget of \$150,000 for the Analyzer Room Installation Project. The total project expenditures, including change orders and staff time, was \$144,972. No additional budget appropriation is required, and the unexpended funds will be returned to the Wastewater Capital Asset Replacement Fund reserves.

Attachments

None.

Prepared by:



Ian Bronswick  
Assistant Engineer

Reviewed by:



Brian Thomas  
Engineering Services  
Director/District Engineer

cc: Project File No. P.10187.11.04

December 12, 2018

AUTHORIZE ISSUANCE OF A PURCHASE ORDER IN AN AMOUNT NOT TO EXCEED \$275,000, KRUGER, INC., RECYCLED WATER FACILITY REPLACEMENT MIXER GEARBOXES AND ASSOCIATED COMPONENT PARTS

RECOMMENDATION

Authorize issuance of a purchase order in an amount not to exceed \$275,000 to Kruger, Inc. for replacement mixer gearboxes and associated component parts at the District's Recycled Water Facility (RWF).

Background Information

The RWF uses the Actiflo treatment process, designed and engineered by Kruger Inc., to treat secondary effluent from the District's Wastewater Treatment Plant (WWTP) and produce disinfected tertiary recycled water that meets or exceeds water quality standards as defined by Title 22 of the California Code of Regulations. Based on WWTP effluent characteristics, the RWF includes multi-stage flocculating clarifiers with mechanical mixers in all three stages followed by conventional filtration. coagulation, injection, and maturation. In the coagulation tank, a rapid mixer thoroughly disperses the coagulant (alum) throughout the secondary effluent over a short hydraulic retention time. The coagulation tank discharges over a submerged weir into the injection tank, where it flows downward past a second rapid speed mechanical mixer to thoroughly disperse microsand and polymer. The injection tank discharges into the maturation tank where water flows upward past a variable-speed (manually adjusted) slow mixer to allow formation of polymer bridges between the microsand and the destabilized suspended solids. The treated water is then sent to settling tanks followed by conventional sand filtration.

Analysis

The mechanical mixers at the RWF are critical for reliable operation and consistent production of high-quality recycled water. Failure of the coagulation, injection, and/or maturation mixers would disrupt the treatment process, resulting in facility shutdown and loss of production. There are currently two process trains at the RWF, each with an optimal performance production capacity of 7.5 million gallons per day (MGD). During the summer months, the peak customer demand for recycled water during hot weather exceeds the capacity of one train, requiring the simultaneous operation of both trains with no operational redundancy. This lack of redundancy leaves the District at risk of not meeting customer demand if any operational or mechanical failures occur. The District has experienced multiple failures of the mixing systems, resulting in the need for emergency repairs to restore operational capacity to meet demand. Based on the multiple failures and condition inspection and assessment data, these assets have reached the end of their reliable service life and need replacement.

The existing mixer gearboxes and associated component parts have been in service for over 18 years. Staff recommends the purchase and installation of replacement parts to restore sufficient operational reliability. In addition, because the lead time to receive a replacement gearbox and mixer assembly is eight weeks, staff recommends purchase of one spare set for each type of mixer in the event of a future component failure. The cost for the spare mixer and shaft hub assemblies is included in the total recommended purchase cost of \$275,000.





Financial Impact

The adopted Fiscal Year Fiscal Year 2018/2019 – 2022/2023 (FY18/19 – FY22/23) Recycled Water Capital Asset Replacement Fund includes sufficient budget appropriation for the \$275,000 purchase.

Attachments

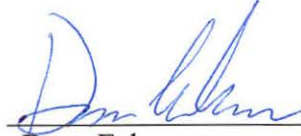
None

Prepared by:



Terry Spurgeon  
Maintenance Manager

Reviewed by:



Dean Eckerson  
Resources Recovery  
Services Director

cc: District File



December 12, 2018

AUTHORIZE GENERAL MANAGER TO EXECUTE AMENDMENT NO. 2 TO CONSULTING SERVICES CONTRACT IN AN AMOUNT NOT TO EXCEED \$375,188, CAROLLO ENGINEERS, INC., ENGINEERING SERVICES, HEADWORKS IMPROVEMENTS, PROJECT NO. 17117

RECOMMENDATION

Authorize the General Manager to execute Amendment No. 2 to the Consulting Services Contract with Carollo Engineers, Inc. (Carollo) for engineering services in an amount not to exceed \$375,188, for a new total contract amount of \$1,259,256.

Background Information

As the initial step in the wastewater treatment process, grit and debris are removed at the headworks facility at the District's Wastewater Treatment Plant to protect downstream processes and equipment from excessive operational and maintenance impacts. Because the mechanical equipment and concrete structures at the headworks are 30 to 40 years old and have experienced significant corrosion damage, the District is currently implementing a major capital improvement project design effort to address this aging infrastructure element and ensure continued operational effectiveness and reliability.

The Headworks Improvements Project included in the District's Fiscal Year 2018/2019 – 2022/2023 (FY18/19 – FY22/23) Capital Improvement Program (CIP) assumes construction of a *new* headworks facility with a more efficient grit removal system at a total project cost of \$11.3 million, which was based on a pre-design effort completed in 2014. During the pre-design phase, a project alternative to *rehabilitate* (i.e., rather than replace) the existing headworks facility was estimated to be similar in cost to the replacement option; therefore, the decision was made to proceed with replacing the headworks, which would provide additional capacity for long-term wastewater flow growth estimates and enhanced grit removal.

In September 2017, the Board awarded an engineering services contract to Carollo to design the Headworks Improvements Project and authorized filing of a California Environmental Quality Act (CEQA) Notice of Exemption with the County Clerk.

Analysis

In summer 2018, Carollo completed the 50% design submittal and provided a detailed construction cost estimate of \$15 million with a total project cost estimate of \$19.9 million. Staff confirmed the key cost drivers and differences in design assumptions with Carollo relative to the pre-design work to validate the basis for this increased cost estimate. Because the updated cost estimate significantly exceeded the FY18/19 – FY22/23 CIP budget amount of \$11.3 million, the District suspended design work to evaluate alternative approaches to meet the project goals.

After recognizing that a value engineering approach would only reduce the project cost by \$1 million to \$2 million, the District directed Carollo to develop a revised cost estimate for the rehabilitation approach, which resulted in a construction cost estimate of \$8.6 million and a total project cost estimate of \$11.8 million, as summarized in Attachment 1. The key design requirement verified by Carollo is that the rehabilitation approach will accommodate future

growth based on updated projections for the next 20 years, at which point the District would need to consider additional rehabilitation or a replacement headworks. Although the associated capital cost to achieve improved grit removal efficiency under the rehabilitation approach is not justified, the current grit removal rate provides adequate protection for downstream processes and equipment.

Staff recommends ceasing design work for the replacement option and immediately proceeding with development of the rehabilitation option design. The proposed cost for Carollo to complete this effort is \$375,188 (Attachment 2), which includes a credit of \$239,463 for design work not performed under Carollo's original contract scope of work. Subconsultant surveying and geotechnical investigation work that has already been completed are suitable for use in the rehabilitated headworks design. The updated design is expected to be completed by mid-summer 2019. On-site construction activities would commence in early spring 2020 with completion by the end of 2020, which coincides with the planned construction completion date of the previous replacement project. Staff recommends that the Board authorize contract Amendment No. 2 in an amount not to exceed \$375,188 to proceed with design services for the headworks rehabilitation.

#### Financial Impact


The adopted FY18/19 – FY22/23 CIP Wastewater Capital Asset Replacement Fund includes an overall project budget of \$11.3 million for the Headworks Improvements Project with an appropriation of \$2.3 million through FY18/19. With the revised scope of work, Carollo's new contract total is \$1,259,256, including remaining funds of \$239,463 on the existing contract that will be applied to upcoming work. No additional budget appropriation is required at this time. Staff will adjust the overall project budget as needed during the next CIP approval process.

In June 2018, the Board authorized staff to pursue a California Infrastructure and Economic Development (IBank) loan to finance the project. The IBank loan application has been favorably received but has not yet been presented to the IBank Board for final approval. Staff will work with IBank to modify the loan application to reflect the new project cost and will seek Board approval for loan document amendments as necessary. It is anticipated the new loan amount will be approximately \$11.8 million for the estimated rehabilitation project cost and for costs spent to date on the replacement headworks design and loan financing document preparation.


#### Attachments

- 1) Rehabilitation Cost Summary Table
- 2) Amendment Scope of Work Summary

Prepared by:

  
Patricia Chapman  
Associate Engineer

Reviewed by:

  
Brian Thomas  
Engineering Services Director/  
District Engineer

cc: District File No. P.17117.01.04



HEADWORKS REHABILITATION  
BUDGET ESTIMATE  
29-Nov-18

CONSTRUCTION COSTS

Element No.	Description	Cost
1	Demolition, Sitework, and Temporary Facilities	\$ 1,186,899
2	Concrete, Metals, Finishes	\$ 520,604
3	Equipment, incl conveying and special conditions	\$ 1,535,400
4	Mechanical	\$ 312,843
5	Electrical and Instrumentation	\$ 873,380
	Subtotal of above	\$ 4,429,126
	Estimating Contingency (30%)	\$ 1,328,738
	Sales tax on 50% of subtotal	\$ 251,907
	Contractor OH and Profit	\$ 1,502,443
	Construction Cost Subtotal	\$ 7,512,213
	Escalation to midpoint of construction (see note 2)	\$ 312,843
	Change Order Allowance (see note 3)	\$ 782,506
	Total Construction Cost	\$ 8,607,562

IMPLEMENTATION COSTS

District Staff/ Admin - all phases	\$ 430,400
Design Services	\$ 615,000
ESDC and CM/inspection	\$ 1,091,600
Other: Permitting/Legal/Other	\$ 43,100
Total Implementation Cost (see note 4)	\$ 2,181,000
Total Cost (Construction and Implementation incl Contingency), rounded	\$ 10,800,000
Expenses Previously Incurred on Project (see note 4)	\$ 855,000
Total Capital Cost, rounded	\$ 11,800,000

Notes

- 1 Element No. 1 to 4 costs from Carollo Conceptual Construction Cost Estimate dated 10/30/2018
- 2 Escalate cost to midpoint of construction. September 2020. 3% escalation rate.
- 3 Change order allowance recommended is 10%.
- 4 Implementation costs shown do not include Headworks PN 17117 life to date, LTD, expenses incurred. Total sunk cost for PN 17117 is approximately \$855,000.

**SCOPE AND COST ESTIMATE SUMMARY – AMENDMENT NO. 2**

**Project:** Headworks Improvements, Project No. 17117

**Consultant:** Carollo Engineers, Inc.

**Scope of Work Items:**

**Estimated Cost:**

<b>TASK 1 – PROJECT MANAGEMENT</b>	
Project Administration, Meetings, Quality Assurance/ Control	Quality \$33,988
<b>TASK 2 – DESIGN</b>	
1. Preliminary Investigations (concrete assessment, utility investigations including potholing, equipment selection, and finalize geotechnical report)	\$100,472
2. Design (50%, 95%, Final)	\$455,000
<b>TASK 3 – BID PERIOD SERVICES</b>	\$25,191
<b>TOTAL AMENDMENT 2 WORK NOT TO EXCEED AMOUNT</b>	<b>\$614,651</b>
<b>LESS FUNDS REMAINING ON EXISTING CONTRACT</b>	<b>\$(239,463)</b>
<b>NEW AUTHORIZATION AMOUNT</b>	<b>\$375,188</b>
<b>ORIGINAL CONTRAC AMOUNT</b>	<b>\$815,768</b>
<b>AMENDMENT NO. 1</b>	<b>\$68,300</b>
<b>NEW CONTRACT TOTAL AMOUNT</b>	<b>\$1,259,256</b>

December 12, 2018

RECEIVE REPORT ON CAPITAL IMPROVEMENT PROGRAM AND STATUS OF  
CONSTRUCTION PROJECTS

RECOMMENDATION

Receive report and file.

Background Information

The District's Fiscal Year 2018/2019 – 2022/2023 (FY18/19 – FY22/23) Capital Improvement Program (CIP) is a five-year plan that outlines present and future capital project needs and priorities. Each project request in the CIP includes a description, justification, and budget appropriation. The CIP is an integral part of the District's budgeting process, with the first year of the plan representing the actual budget for this fiscal year's capital projects.

In FY17/18, the District initiated and/or completed design and construction of projects largely needed to address the District's aging infrastructure, where most of the physical assets are nearly 40 years old in the wastewater conveyance and treatment system. Some of the key projects included ongoing design work for the rehabilitation of the headworks facility at the District's Wastewater Treatment Plant to improve operational reliability, and conducting a comprehensive condition assessment of the District's wastewater conveyance and treatment system infrastructure to guide long-term infrastructure rehabilitation planning. Planning and preliminary design work for the East County Bioenergy Project has continued in support of the District's strategic goal to promote sustainable resource recovery and achieve energy self-sufficiency.

In FY18/19, staff is implementing a broad range of projects and activities with a combined total budget appropriation of approximately \$22 million, as summarized in Attachment 1. This continued investment in infrastructure renewal and rehabilitation is necessary to ensure operational reliability and avoid unanticipated infrastructure and equipment failures leading to costly repairs and potential public health impacts.

Analysis

Given the age of the District's infrastructure, numerous rehabilitation and replacement projects will be implemented to increase operational reliability and facilitate efficient operations and maintenance. Throughout the current fiscal year, staff will manage a full schedule of ongoing project construction and startup activities, as well as initiate construction of several new projects. These projects are identified in the District's adopted FY18/19 – FY22/23 CIP. Staff will provide a presentation to the Board highlighting various CIP metrics and key capital improvement projects.

Financial Impact

None.

Attachment

1) Capital Improvement Program Status Report

Prepared by:   
Thanh Vo  
Senior Engineer

Reviewed by:   
Brian Thomas  
Engineering Services  
Director/District Engineer

cc: CORP.03.08-DOCS



**Attachment 1**  
**Active Projects in Fiscal Year 2018/2019**

Project Type	Project No.	FY18/19 Appropriation
<b>Wastewater Asset Projects</b>		
Resource Recovery Master Plan	18110	\$ 500,000
Asset Management Program	19109	\$ 300,000
East County Bioenergy Project	16117	\$ 5,000,000
Energy and Water Efficiency Improvements	18908	\$ 50,000
Future Use Project	19099	\$ 50,000
Small District Capital Asset Project	19100	\$ 150,000
		<b>\$ 6,050,000</b>
<b>Wastewater Advanced Treatment Projects</b>		
Nutrient Technology Research and Innovation	17123	\$ 100,000
Treatment Plant Advanced Treatment	TBA	\$ -
		<b>\$ 100,000</b>
<b>Wastewater Replacement Projects</b>		
Digester No. 2 Evaluation and Repair	18111	\$ 200,000
District Office Building Roof Replacement	18112	\$ 1,400,000
District Office Building Rehabilitation	18113	\$ 600,000
Headworks Improvements	17117	\$ 500,000
On-Site Fueling Station Replacement	19112	\$ 200,000
Primary Clarifier Area Improvements	17140	\$ 1,500,000
Pump Station Facilities Repair	80008	\$ 4,000,000
SCADA Communication Network/PLC Processor Upgrade	18114	\$ 400,000
Sodium Bisulfite Tank and Chemical Building Canopy Replacement	13105	\$ 100,000
Treatment Plant Electrical Switchgear Replacement	17120	\$ 1,500,000
Triangle Pump Station Replacement	19111	\$ 200,000
Conveyance System Rehabilitation and Replacement	19101	\$ 1,000,000
Emergency Retention Basin Improvements	19110	\$ 100,000
Rehabilitations and Replacements	19102	\$ 2,000,000
		<b>\$ 13,700,000</b>
<b>Recycled Water Asset Projects</b>		
Emergency Back-Up Power Generator	15126	\$ 300,000
Recycled Water Distribution System Improvements	19114	\$ 300,000
Recycled Water Facility Filter Cover Improvements Phase II	19113	\$ 15,000
Small Recycled Water Facility Capital Asset Project	19103	\$ 50,000
		<b>\$ 665,000</b>
<b>Recycled Water Replacement Projects</b>		
Recycled Water Facility DEC Drain Valve Automation	19115	\$ 120,000
Recycled Water Facility Sand Filter Backwash Optimization	19116	\$ 100,000
Recycled Water Facility Repair and Replacement Project	19104	\$ 400,000
		<b>\$ 620,000</b>
<b>Zone 1 ( Bay Point) Projects</b>		
Bay Point Sewer Rehabilitation Project - Phase III	18119	\$ 600,000

Unanticipated Repairs and Replacements	19106	\$	100,000
		\$	<b>700,000</b>

---

**Household Hazardous Waste Projects**

Household Hazardous Waste Improvements	18105	\$	50,000
		\$	<b>50,000</b>

---

<b>Total FY 18/19 CIP Budget</b>		\$	<b>21,885,000</b>
----------------------------------	--	----	-------------------

---



ITEM J

December 12, 2018

RECEIVE MONTHLY LOBBYIST REPORT DATED NOVEMBER 2018, KEY  
ADVOCATES, INC., WESTERN RECYCLED WATER COALITION, PROJECT NO. 90024

RECOMMENDATION

Receive and file Report.

Background Information

As lead Agency for the Western Recycled Water Coalition, the District administers a contract with a lobbyist, Key Advocates, Inc. (KA), and receives a monthly summary report regarding related lobbying activities.

Analysis

Attached is the report for November 2018, which was produced by KA and distributed to members of the Western Recycled Water Coalition.

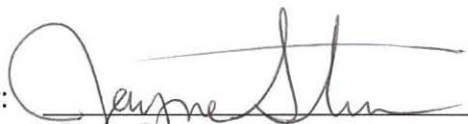
Financial Impact

None


Attachment

Monthly Report, November 2018

Prepared by:

  
Jayne Strommer  
Government Affairs Manager

Reviewed by:

  
Brian Thomas  
Engineering Services  
Director/District Engineer

cc: Project File No. P.90024.06.01





1701 Pennsylvania Avenue  
Suite 300  
Washington, D.C. 20006  
(202) 722-0167

November 30, 2018

To: Western Recycled Water Coalition  
From: Sante Esposito  
Subject: November Monthly Report

### **Midterm Election**

As a result of the Tuesday special election in Mississippi, the new Senate will consist of 53 Republicans and 47 Democrats, meaning that the Republicans had a net gain of 2 seats over its current majority of 51-49. Organizationally, what that means is that committee sizes and ratio will change for the new Congress. The size of a committee is set by the majority leadership of that committee. The ratio on the committees - the number of Republicans versus Democrats - reflects the final overall ratio in the Senate. The former may be decided next month but if past Senate practice prevails, more likely early next year. Also, with at least seven new Members we're going to see a shift in current committee assignments. For example, Senator Nelson, who lost his reelection, is currently the senior Democrat on the Commerce Committee. Next in line is Senator Cantwell of Washington but for her to take the slot (which she is interested in) she would have to give up her full Committee position on the Energy and Natural Resources Committee, thereby triggering additional shuffling on that Committee, etc. We will continue to monitor committee makeups. As for Senate policy priorities in the next Congress, Senator McConnell identified three - health care reform, middle American tax reform and infrastructure. Nothing from the Senate Democrat Leadership as yet. Lastly, the Senate has elected its leaders for the next Congress and adopted its procedural rules.

In the House of Representatives, more dramatic changes. The Democrats will have as many as 235 seats (currently at 234 with one race still undecided, the Democrat leading in it) - a majority in the House is 218. Again, this will change the sizes and ratio of the committees and given the number of new Members, many changes from the current committee assignments. Unlike the Senate, most of these decisions will be reached next month (December). Regardless of the shuffle, there are certain situations which impact us and we will monitor developments. The Democratic Caucus held its leadership elections this week. Congresswoman Pelosi was nominated Speaker subject to formal approval by the full House on January 3. The Republicans also selected their leaders with Congressman McCarthy chosen as Minority Leader. On priorities for the new Congress, Congresswoman Pelosi listed three - ethics reform, prescription drugs cost, and infrastructure.

## Infrastructure

While legislative action on infrastructure has been put on hold for the lame duck session, rhetoric in support of action next year continues. Congressman DeFazio, who will become House Transportation chairman, is bullish on infrastructure. "Welcome to the day after the election," he told reporters. "This is the day we begin planning to deliver a major infrastructure package." He's met with Shahira Knight, White House Director of Legislative Affairs, and plans to meet with her again, and he's optimistic he can work with the President on a bipartisan infrastructure plan with "real investment" — not "pretend stuff" like the asset recycling that former adviser DJ Gribbin put into Trump's proposal. There's also a push from some Democrats, led by Congressman Blumenaugh, to create an infrastructure subcommittee on Ways and Means, which would be a forum for House Democrats to focus on the issue that has long dogged infrastructure attempts: revenue. DeFazio said he "strongly supports" the concept. Congressman John Yarmuth, who is in line to chair the Budget Committee, said that Democrats have an infrastructure proposal they're planning to introduce soon including bonding authority via an infrastructure bank, raising the gas tax and using a carbon tax to fund infrastructure. And Congresswoman Pelosi said this week that she "remains committed to bringing a \$1.5 trillion comprehensive infrastructure bill to the floor next year that will provide millions of good paying jobs to hardworking Americans." Senator Wicker, who is expected to chair the Commerce Committee, said that he "would love to sink my teeth into an infrastructure package." In terms of financing, Wicker is "interested in listening to suggestions, including those outside the box," he said. "The 3P idea, any number of innovative solutions that states have been successful in doing would be food for thought." Wicker added that soon-to-be House Transportation Chairman DeFazio "said it had to be a realistic pay-for. And who could disagree with that?" Senator Schumer, Senate Minority Leader, reiterated that Democrats will push for a "real" bill with "direct and robust federal investments." But Majority Leader Senator McConnell warned "there's no easy way to pay for infrastructure without impacting an awful lot of Americans," despite saying that he hoped the two parties could work together on infrastructure. He said Republicans are not interested in a \$900 billion stimulus package "which we did at the beginning of the Obama era."

## Earmarks

House Republicans have decided to punt on the question of whether to end the ban on earmarks, instead letting Democrats take the first step next year. Congressman Mike Rogers was expected to introduce a proposal to undo the earmark moratorium at a closed-door GOP meeting last week but restoring the practice of directing spending toward specific projects never came up. It's not clear how Democrats will approach the issue come January. As previously reported, incoming Majority Leader Hoyer has drafted an earmark proposal not yet public and recently Congressman David Price, who would take the Appropriations Transportation-HUD Subcommittee gavel next Congress, said that he would back the return of earmarks.

## Other Bills

Met with Hill staff on the original Boozman/Feinstein SRF WIN bill to discuss legislative action in the lame duck session. Nothing definitive from staff. The support and interest are there but reading between the lines, the timing and politics might not be.

To review, S. 2364 was introduced by Senators John Boozman (R-AR), Chair of the Water Subcommittee of the Environment and Public Works Committee (EPW), and Senator Diane Feinstein (D-CA), Ranking Democrat of the Energy and Water Appropriations Subcommittee. H.R. 4902 was introduced by Congressmen John Katko (R-NY-24), a member of the Water Resources Subcommittee of the Transportation and Infrastructure Committee, and Earl Blumenauer (D-OR-3), a member of the Ways and Means Committee and, if you recall, the author of the voluntary fee labeling bill.

Generally, the bills - a new loan program - are intended to combine the “best aspects of the SRF’s with the leveraging power of WIFIA.” Specifically, the bills authorize \$200M for each of FY19-23 for states to apply for loans. There is a \$7B per state loan cap for the 5 years. Fifty percent of the funds would be loaned at the current Treasury rate. The bill states that those funds would support \$10B in loans per year. The other fifty percent would go to states that receive less than 2 percent of the total amount of funds made available to the states for the state loan funds for the most recent fiscal year OR to major disaster declared states if the loan is for a project related to wastewater or drinking water infrastructure damaged by the disaster. The bills state that those funds would support \$850M in loans per year. The Federal share for loans is up to \$100%. Eligible project activities are those included in a state’s SRF “intended use plan.”

The \$100,000 WIFIA application fee is waived. The application process is limited to 180-days maximum. No new project approval requirements would be needed - existing approvals would suffice. The new program is tied to FY18 appropriation levels for the SRF’s - if at any year in the appropriations process the SRF funding levels are below the FY18 levels, this new program will not kick in for that year.

To review, H.R. 5596 was introduced on April 24 by Congressmen Salud Carbajal (D-CA-24) and Tom Reed (R-NY-23) and H.R. 5609 and introduced on April 25 by Congressman Keith Ellison (D-MN-5). H.R. 5596 authorizes \$50M for each of FY18-22 for a new EPA grant program for owners or operators of water systems who wish to increase resiliency or adaptability to extreme weather events. Eligible projects include efforts to conserve water or increase efficiency in its use, preserve or improve water quality, rebuild or relocate threatened infrastructure, protect source waters, etc. The Federal share is 75%. H.R. 5609 creates a new water trust fund financed by increasing the corporate tax rate from 21 to 24.5% with an annual funding cap of up to \$35B going into the trust fund. Of that amount, 45% would be available for the Clean Water SRF and 44% for the Safe Drinking Water SRF. Other water programs – pollution control, non-point source, agriculture programs, etc. – make up the balance.

Also, there have been no substantive developments to the bills of interest to the Coalition - H.R. 3275, the WEST Act; H.R. 2510, the “Water Quality Protection and Job Creation Act of 2017;” H.R. 5127, the “Water Recycling Investment and Improvement Act;” and, H.R. 1647, the Water Infrastructure Trust Fund Act of 2017” - since the last report.

Lastly, the Democrats on the House Natural Resources Committee continue to look at McNerney’s WEST Act (H.R. 3275), which the Coalition was very much involved in, with the goal of re-writing the bill to reflect the Committee’s jurisdiction and introducing it as such. Progress is slow and at best, will spill over to the new Congress.

## **FY 19 Federal Funding Generally**

Congress passed a Continuing Resolution extending funding until Dec. 7 at FY18 levels for those appropriations bills not enacted by Oct. 1. That includes the Interior Appropriations Bill (SRF funding) which is currently in conference. It does not include the Energy and Water Appropriations Bill (Corps of Engineers) which was signed into law on Sept. 21.

## **FY19 Interior Appropriations Bills**

The Senate version contains higher appropriations for CWSRF and WIFIA than the House version. Specifically, the House bill contains lower numbers (\$1.34 for the CWSRF and \$900M for the SDWSRF) than the Senate despite the FY19 raised budget caps. The Senate has the same numbers as for FY18, which are \$1.694B for the CWSRF and \$1.16B for the SDWSRF. The House provides \$75M for WIFIA and the Senate \$63M.

## **Final FY19 Energy and Water Appropriations Bill**

The Energy and Water Bill was signed into law on Sept. 21. It includes \$34 M for WaterSMART, \$39 M for the “traditional” Title XVI program, \$20 M for WIIN Act recycled water grants, and \$134 M for water storage.

## **WIN Grants Round #2**

In checking with USBR yesterday, Nov. 29, no further developments. Grant selections have been made but have not been sent to Congress and Reclamation still hasn't made a decision on whether it will make an award announcement in advance of listing the projects in an appropriations bill. USBR did say to expect the 2019 NOFA soon after the FY18 awards have been submitted/announced.

## **GAO Title XVI Report**

Per a Nov. 29 email from GAO, they wrote that they “are in the final stretches and anticipate issuing the Title XVI report next month.” They also thanked us for our “continued interest.”

## **WRDA Reauthorization**

To review one last time, on October 23 the President signed into law (P.L. 115- 270) S.3021, “America’s Water Infrastructure Act of 2018.” which combines the biennial Water Resources Development Act (WRDA) that funds the Corps of Engineers along with the Safe Drinking Water Act, authorization of hydropower projects, and reauthorization and expansion of WIFIA financing for storm water and wastewater infrastructure improvements, as follows:

- Authorizes the Corps of Engineers to undertake 15 major new construction projects that will cost a total of \$8.3B and feasibility studies for 65 new projects.
- Provides for a two-year \$100M reauthorization of the WIFIA program for large-scale water infrastructure projects loans at the Treasury Department's long-term interest rate.

- Includes a title dedicated to water energy to open up the potential of sending more hydropower onto the grid through a streamlined federal approval process. The title would give operators credits for actions already taken before their re-licensing process as well as those required by the new license.
- Nearly doubles grants to states for Drinking Water Revolving Loan Funds. This is the first reauthorization of the Drinking Water SRF in more than two decades. It authorizes \$1.17B for FY19; \$1.3B for FY20; and \$1.95B for FY21 for the Drinking Water SRF funds. This nearly doubles the current annual authorization.
- Includes S. 1137, the Clean, Safe, Reliable Water Infrastructure Act, to address the need to invest in the nation's drinking water, sewer and stormwater systems. It also provides for increased water efficiency, specifically by including \$450M to protect the sources of drinking water and funding to repair and eliminate combined sewer overflows (CSOs). And it formally authorizes the voluntary WaterSense program, which identifies and promotes water-efficient products through voluntary labeling.
- Creates Multiagency Federal Task Force on Stormwater Infrastructure. The task force will, with feedback from permittees, state and local governments and other stakeholders, provide in a report to Congress suggestions for improving the funding and financing of stormwater systems.
- Expands onsite wastewater treatment by addressing the need for information about onsite waste water recycling as one alternative for communities who cannot afford the upfront costs or ongoing maintenance costs of traditional wastewater infrastructure.
- Includes S. 451, the Water Resources Research Amendments Act, for additional research into increasing the effectiveness and efficiency of new and existing water treatment works.
- Enhances drinking water infrastructure resiliency and sustainability by directing the EPA to establish a "Water Infrastructure Resiliency and Sustainability Program" to award grants in each of FY19 and FY20 to increase the resiliency or adaptability of drinking water systems to regional changes in hydrologic conditions like droughts, floods and sea level rise. This section authorizes \$4M to carry out this section for each of the two fiscal years.

#### **Bill Tracking - 115th Congress (2017-2018)**

**S. 3012 - To establish an innovative water technology grant program and to amend the Safe Drinking Water Act and the Federal Water Pollution Control Act to encourage the use of innovative water technology, and for other purposes.** Sponsor: Senator Tammy Baldwin (D-WI). Introduced on June 6. No cosponsors. Referred to the Committee on Environment and Public Works.

#### **H.R.434 —New WATER Act**

**Sponsor:** Rep. Denham, Jeff [R-CA-10] (Introduced 01/11/2017) **Cosponsors:** (9)

**Committees:** House - Natural Resources **Latest Action:** House - 02/07/2017 Referred to the Subcommittee on Water, Power and Oceans

**H.R.465 —Water Quality Improvement Act of 2017**

**Sponsor:** Rep. Gibbs, Bob [R-OH-7] (Introduced 01/12/2017) **Cosponsors:** (8)

**Committees:** House - Transportation and Infrastructure **Latest Action:** House - 01/13/2017 Referred to the Subcommittee on Water Resources and Environment

**H.R.547 —National Infrastructure Development Bank Act of 2017**

**Sponsor:** Rep. DeLauro, Rosa L. [D-CT-3] (Introduced 01/13/2017) **Cosponsors:** (86)

**Committees:** House - Energy and Commerce, Transportation and Infrastructure, Financial Services, Ways and Means **Latest Action:** House - 01/17/2017 Referred to the Subcommittee on Water Resources and Environment.

**H.R.1579 —Secure and Resilient Water Systems Act**

**Sponsor:** Rep. Peters, Scott H. [D-CA-52] (Introduced 03/16/2017) **Cosponsors:** (2)

**Committees:** House - Energy and Commerce **Latest Action:** House - 03/17/2017 Referred to the Subcommittee on Environment.

**H.R.1647 —Water Infrastructure Trust Fund Act of 2017**

**Sponsor:** Rep. Blumenauer, Earl [D-OR-3] (Introduced 03/21/2017) **Cosponsors:** (2)

**Committees:** House - Energy and Commerce, Ways and Means, Transportation and Infrastructure **Latest Action:** House - 03/24/2017 Referred to the Subcommittee on Environment.

**H.R.1669 —Partnership to Build America Act of 2017**

**Sponsor:** Rep. Delaney, John K. [D-MD-6] (Introduced 03/22/2017) **Cosponsors:** (27)

**Committees:** House - Transportation and Infrastructure, Ways and Means **Latest Action:** House - 03/23/2017 Referred to the Subcommittee on Water Resources and Environment.

**H.R.2510 —Water Quality Protection and Job Creation Act of 2017**

**Sponsor:** Rep. DeFazio, Peter A. [D-OR-4] (Introduced 05/18/2017) **Cosponsors:** (28)

**Committees:** House - Transportation and Infrastructure **Latest Action:** House - 05/19/2017 Referred to the Subcommittee on Water Resources and Environment.

**H.R.2799 —Western Water Recycling and Drought Relief Act**

**Sponsor:** Rep. McNerney, Jerry [D-CA-9] (Introduced 06/07/2017) **Cosponsors:** (6)

**Committees:** House - Natural Resources **Latest Action:** House - 06/16/2017 Referred to the Subcommittee on Water, Power and Oceans.

**H.R.3275 —Water and Energy Sustainability through Technology Act**

**Sponsor:** Rep. McNerney, Jerry [D-CA-9] (Introduced 07/17/2017) **Cosponsors:** (15)

**Committees:** House - Energy and Commerce, Natural Resources, Transportation and Infrastructure, Agriculture, Science, Space, and Technology, Ways and Means, Foreign Affairs **Latest Action:** House – 5/22/2018 Referred to the Subcommittee on Energy.

**H.R.4492 —Water Infrastructure Finance and Innovation Reauthorization Act of 2017**

**Sponsor:** Rep. Mast, Brian J. [R-FL-18] (Introduced 11/30/2017) **Cosponsors:** (6)

**Committees:** House - Transportation and Infrastructure, Energy and Commerce  
**Latest Action:** House - 12/01/2017 Referred to the Subcommittee on Environment.

**H.R.5127** — 115th Congress - **Water Recycling Investment and Improvement Act**  
**Sponsor:** Rep. Napolitano, Grace F. [D-CA-32] (Introduced 2/27/2018) **Cosponsors:** (16)  
**Committees:** House - Natural Resources, Transportation and Infrastructure  
**Latest Action:** House - 03/06/2018 Referred to the Subcommittee on Water, Power and Oceans.

**H.R.5609** — **Water Affordability, Transparency, Equity, and Reliability Act of 2018**  
**Sponsor:** Rep. Ellison, Keith [D-MN-5] (Introduced 4/25/2018) **Cosponsors:** (40)  
**Committees:** House - Transportation and Infrastructure, Energy and Commerce, Ways and Means, Agriculture  
**Latest Action:** House - 05/22/2018 Referred to the Subcommittee on Commodity Exchanges, Energy, and Credit.

**H.R.5596** — **Water Infrastructure Resiliency and Sustainability Act of 2018**  
**Sponsor:** Rep. Carbajal, Salud O. [D-CA-24] (Introduced 04/24/2018) **Cosponsors:** (2)  
**Committees:** House - Transportation and Infrastructure, Energy and Commerce, Natural Resources  
**Latest Action:** House - 05/01/2018 Referred to the Subcommittee on Water, Power and Oceans.

**S.1137** — **Clean Safe Reliable Water Infrastructure Act**  
**Sponsor:** Sen. Cardin, Benjamin L. [D-MD] (Introduced 05/16/2017) **Cosponsors:** (3)  
**Committees:** Senate - Environment and Public Works  
**Latest Action:** Senate - 05/16/2017 Read twice and referred to the Committee on Environment and Public Works.

**S.2329** — **Water Infrastructure Finance and Innovation Reauthorization Act of 2018**  
**Sponsor:** Sen. Hoeven, John [R-ND] (Introduced 1/23/2018) **Cosponsors:** (3)  
**Committees:** Senate - Environment and Public Works  
**Latest Action:** Senate - 01/23/2018 Read twice and referred to the Committee on Environment and Public Works