

AGENDA

REGULAR BOARD OF DIRECTORS MEETING

DELTA DIABLO

(a California Special District)

2500 Pittsburg-Antioch Highway | Antioch, CA 94509

WEDNESDAY, OCTOBER 10, 2018

4:30 P.M.

Persons who wish to address the board during Public Comment or with respect to an item that is 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) **Introduction** of Cecelia Nichols-Fritzler, Office Manager/Secretary to the Board (Vince De Lange)
- 2) **Receive** Presentation of Utility of the Future Award from National Association of Clean Water Agencies (Vince De Lange)

E. CONSENT CALENDAR

- 1) **Approve** District Monthly Check Register, August 2018 (Eka Ekanem)
- 2) **Adopt** Resolution Approving Updated Sewer System Management Plan as Mandated by the State Water Resources Control Board (Terry Spurgeon)
- 3) **Authorize** General Manager to Execute Consulting Services Contract in an Amount Not to Exceed \$806,810, Shah Kawasaki Architects, Inc., Design Services, District Office Building Rehabilitation, Project No. 18113 (Irene O'Sullivan)
- 4) **Authorize** General Manager to Execute Cooperative Agreement Related to the City of Antioch Brackish Water Desalination Project (Amanda Roa)
- 5) **Authorize** General Manager to Execute Consulting Services Contract in an Amount not to Exceed \$126,791, Larry Walker Associates, Permitting Assistance, National Pollutant Discharge Elimination System Permit Reissuance (Amanda Roa)

Note: The District will provide reasonable accommodations for persons with disabilities planning to participate in Board (or committee) meetings who contact the Office Manager/Secretary to the Board at (925) 756-1927 at least 24 hours prior to the scheduled meeting. Any 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.



F. DELIBERATION ITEMS: *The Board will consider and take action on the following:*

- 1) **Approve** Minutes of Regular Board of Directors Meeting, June 13, 2018 (*Wright and Glover*) (Denise Jones)
- 2) **Approve** Minutes of Regular Board of Directors Meeting, September 12, 2018 (*Wright and Longmire*) (Denise Jones)

G. PRESENTATIONS AND REPORTS: *The Board may consider and take action on the following:*

- 1) **Receive** Delta Household Hazardous Waste Collection Facility Fiscal Year 2017/2018 Report (Amanda Roa)
- 2) **Receive** Presentation on Safety Program (Mary Harvey)
- 3) **Receive** Update on Succession Planning and Training Program (Carol Margetich)

H. MANAGER'S COMMENTS

I. DIRECTORS' COMMENTS

J. CORRESPONDENCE

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

K. CLOSED SESSION

None

L. ADJOURNMENT

The next regular meeting of the Board of Directors will be **Wednesday, November 14, 2018, at 4:30 p.m.**

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October 10, 2018

INTRODUCTION OF CECELIA NICHOLS-FRITZLER, OFFICE MANAGER/SECRETARY TO THE BOARD

RECOMMENDATION

Welcome Ms. Cecelia Nichols-Fritzler to the District.

Background Information

The District recently completed a recruitment to fill the Office Manager/Secretary to the Board position with the impending retirement of the incumbent, Denise Cappucini Jones, in late November 2018. Based on the results of a comprehensive and competitive selection process that included written examinations, a panel interview, and a hiring interview, Ms. Nichols-Fritzler was selected as the most qualified candidate to fill this position. The District completed reference checks to confirm her knowledge and experience and her ability to be a valuable team member.

Analysis

Ms. Nichols-Fritzler began her employment with the District on September 24, 2018. In her 15-year career, she has gained significant experience in managing a broad range of administrative functions, supervising staff, and working with elected officials. Prior to joining the District, Ms. Nichols-Fritzler worked at the City of Oakley, the City of Pleasant Hill, the City of Lathrop, and the City of Stockton. Her academic background includes a Bachelor of Science degree in Business Administration from California State University East Bay.

Ms. Nichols-Fritzler resides in Antioch with her husband and two daughters. She is an avid Bay Area sports fans, enjoys camping, scrapbooking, and spending time with her family.

Financial Impact

Funding for the Office Manager/Secretary to the Board position is included in the adopted Fiscal Year 2018/2019 (FY18/19) operating budget. As part of the District's succession planning strategy, additional funding was included in the FY18/19 budget to allow time for transfer of essential knowledge and experience related to the position with the incumbent to ensure a smooth organizational transition.

Attachments

None

Signature: 
Vince De Lange, General Manager

cc: Cecelia Nichols-Fritzler, Office Manager/Secretary to the Board
District File No. HR.01-PEF-16382



October 10, 2018

RECEIVE PRESENTATION OF UTILITY OF THE FUTURE AWARD FROM NATIONAL ASSOCIATION OF CLEAN WATER AGENCIES

RECOMMENDATION

Receive the National Association of Clean Water Agencies (NACWA) “Utility of the Future” Award.

Background Information

The District continues to receive recognition for its outstanding industry leadership and progressive commitment to innovation and resource recovery. In early October, the District received the prestigious “Utility of the Future” industry association award at the 2018 Water Environment Federation (WEF) annual national conference along with 31 other water utility leaders from across the country. This utility recognition program was initiated in 2016 by NACWA, WEF, the Water Research Foundation (WRF), and the WaterReuse Association to recognize “clean water utility leaders that pioneer technologies and cutting-edge practices with a focus on resource recovery, efficiency, and sustainability.”

Analysis

In its program application, the District highlighted its exemplary regulatory compliance, water recycling, energy management, biosolids reuse, household hazardous waste, community engagement, and industry leadership achievements. The District’s Utility of the Future vision is based on embracing innovation, progressive leadership, and a continuous improvement-based organizational culture to benefit the environment, maintain reasonable rates, and serve as responsible stewards of the public’s resources and trust.

Financial Impact

None

Attachments

Copy of NACWA Utility of the Future Award

Prepared by: 
Vince De Lange, General Manager

cc: District File No. CORP.01.02-CORRES



CERTIFICATE OF RECOGNITION

WATER RESOURCES UTILITY OF THE FUTURE TODAY

October 2018

The partners of the Utility of the Future Today Recognition Program celebrate the progress and exceptional performance of

Delta Diablo
California

Area of Performance:
Water Reuse

for innovative and forward-thinking practices that are providing sustainable, efficient, and value-added services to their community.



Adam Krantz
Chief Executive Officer
National Association
of Clean Water Agencies



Eileen J. O'Neill, Ph.D.
Executive Director
Water Environment
Federation



Rob Renner
Chief Executive Officer
Water Research Foundation



Patricia L. Sinicropi, JD
Executive Director
WaterReuse Association



October 10, 2018

APPROVE DISTRICT MONTHLY CHECK REGISTER, AUGUST 2018

RECOMMENDATION

Approve District Monthly Check Register for the month ending August 31, 2018.

Background Information

The Check Register for the month of August 2018 is attached. This report reflects payments to the District's suppliers, consultants, service providers, and contractors. A total of 211 checks totaling \$2,992,324.69 were disbursed in the month of August 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 August 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 AUGUST 2018

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO. INVOICE AMOUNT	CHECK AMOUNT DESCRIPTION
8/1/2018	AT&T		30074	1,072.02
		44307	1,072.02	PHONE EXP
8/1/2018	BARNETT MEDICAL SERVICES, LLC		30075	6,870.00
		44270	117.00	TRANSPORTATION AND DISPOSAL OF
		44271	78.00	TRANSPORTATION AND DISPOSAL OF
		44272	585.00	TRANSPORTATION AND DISPOSAL OF
		44273	78.00	TRANSPORTATION AND DISPOSAL OF
		44274	96.00	TRANSPORTATION AND DISPOSAL OF
		44275	78.00	TRANSPORTATION AND DISPOSAL OF
		44276	780.00	TRANSPORTATION AND DISPOSAL OF
		44277	78.00	TRANSPORTATION AND DISPOSAL OF
		44278	96.00	TRANSPORTATION AND DISPOSAL OF
		44279	78.00	TRANSPORTATION AND DISPOSAL OF
		44280	663.00	TRANSPORTATION AND DISPOSAL OF
		44281	78.00	TRANSPORTATION AND DISPOSAL OF
		44282	96.00	TRANSPORTATION AND DISPOSAL OF
		44283	954.00	TRANSPORTATION AND DISPOSAL OF
		44284	78.00	TRANSPORTATION AND DISPOSAL OF
		44285	96.00	TRANSPORTATION AND DISPOSAL OF
		44286	117.00	TRANSPORTATION AND DISPOSAL OF
		44287	585.00	TRANSPORTATION AND DISPOSAL OF
		44288	39.00	TRANSPORTATION AND DISPOSAL OF
		44289	96.00	TRANSPORTATION AND DISPOSAL OF
		44290	897.00	TRANSPORTATION AND DISPOSAL OF
		44291	117.00	TRANSPORTATION AND DISPOSAL OF
		44292	192.00	TRANSPORTATION AND DISPOSAL OF
		44293	624.00	TRANSPORTATION AND DISPOSAL OF
		44294	78.00	TRANSPORTATION AND DISPOSAL OF
		44295	96.00	TRANSPORTATION AND DISPOSAL OF
8/1/2018	LESLIE J. CAIN		30076	175.00
		44328	175.00	SAFETY SHOES - L. CAIN
8/1/2018	CDW GOVERNMENT, INC.		30077	1,100.00
		44154	1,100.00	VMWARE SUPPORT FOR FY2018-2019
8/1/2018	KATHY CHANG		30078	219.84
		44330	219.84	T&M
8/1/2018	CHEMTRADE CHEMICALS US LLC		30079	9,426.18

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO. INVOICE AMOUNT	CHECK AMOUNT DESCRIPTION
		44171	3,185.05	ALUMINUM SULFATE
		44172	3,065.49	ALUMINUM SULFATE
		44179	3,175.64	ALUMINUM SULFATE
8/1/2018	CINTAS CORPORATION # 38K		30080	820.42
		44138	422.52	UNIFORM/LAUNDRY SERVICE AGREEM
		44139	377.20	UNIFORM/LAUNDRY SERVICE AGREEM
		44140	20.70	UNIFORM/LAUNDRY SERVICE AGREEM
8/1/2018	CLEAN METHANE SYSTEMS LLC		30081	14,921.32
		44298	14,921.32	CARBON MEDIA
8/1/2018	DEPT OF GENERAL SERVICES		30082	10,576.69
		44299	10,576.69	UTILITIES
8/1/2018	DRAKE HAGLAN & ASSOCIATES, INC		30083	3,631.84
		44308	3,631.84	CONSULTING SERVICES SODIUM BIS
8/1/2018	ECS IMAGING INC.		30084	17,128.00
		44329	17,128.00	INFOLINX AND LASERFICHE SOFTWA
8/1/2018	MICHAEL CRAMBLIT FOSTER		30085	6,432.56
		44143	6,432.56	FOSTER FLOW CONTROL QUOTE DATE
8/1/2018	G3 ENGINEERING, INC		30086	9,039.13
		44144	9,039.13	G3 ENGINNEERING QUOTE
8/1/2018	LEE & RO, INC.		30087	44,140.59
		44301	44,140.59	SWGR DESIGN SERVICES
8/1/2018	MANAGED HEALTH NETWORK		30088	417.30
		44332	417.30	EAP
8/1/2018	MUNIQUIP, LLC		30089	7,770.80
		44303	7,770.80	4 Mission Control stand alone
8/1/2018	NWN CORPORATION		30090	3,819.28
		44304	3,819.28	PHONE EXP
8/1/2018	PFM ASSET MANAGEMENT		30091	583.37
		44338	583.37	O/S INVESTMENT
8/1/2018	PUBLIC EMPLOYEES UNION		30092	1,396.41
		3163338	1,396.41	UNION DUES P&T
8/1/2018	PUBLIC EMPLOYEES UNION		30093	4,315.55
		3163238	4,315.55	UNION DUES O&M
8/1/2018	QUENVOLD'S		30094	1,999.93
		44188	1,999.93	SAFETY SHOES
8/1/2018	RH TECHNOLOGY		30095	4,366.80
		44318	4,366.80	O/S TEMP
8/1/2018	STANDARD INSURANCE COMPANY		30096	4,172.17
		44335	4,172.17	LIFE INSURANCE
8/1/2018	CA STATE DISBURSEMENT UNIT		30097	750.00

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
		CS9648262		750.00	GARNISHMENT
8/1/2018	SYSTEM 1 STAFFING		30098	4,420.90	
		44334		4,420.90	O/S TEMP
8/1/2018	TEAM INDUSTRIAL SERVICES, INC		30099	4,975.00	
		44339		4,975.00	DIGESTER GAS SPHERE INSPECTION
8/1/2018	V.W. HOUSEN & ASSOCIATES, INC.		30100	18,498.15	
		44305		18,498.15	DESIGN WORK
8/1/2018	VISION SERVICE PLAN		30101	1,981.46	
		44336		1,906.88	VISION INS
		44337		74.58	COBRA VISION INS
8/1/2018	VISION TECHNOLOGY SOLUTIONS, LLC		30102	7,717.50	
		44058		7,717.50	INTERNET SERVICES
8/9/2018	BAY AREA AIR QUALITY MNGMENT		30103	2,638.00	
		44395		2,638.00	PERMIT & REG FEES
8/9/2018	BAY AREA NEWS GROUP		30104	594.00	
		44434		594.00	PUBLIC NOTICES
8/9/2018	BELLECCI & ASSOCIATES, INC.		30105	22,487.96	
		44371		22,487.96	TP ROADWAY MAINTENANCE PN 1811
8/9/2018	CALIFORNIA WATER TECHNOLOGIES,LLC		30106	5,219.69	
		44178		5,219.69	FERROUS CHLORIDE
8/9/2018	CAROLLO ENGINEERS		30107	429.00	
		44296		429.00	PROJECT ALTERNATIVES ANALYSIS
8/9/2018	CDW GOVERNMENT, INC.		30108	19,280.84	
		44148		2,775.00	ZERTO SUPPORT RENEWAL FOR FY20
		44155		5,384.00	NIMBLE STORAGE SUPPORT RENEWAL
		44170		7,689.99	CISCO SUPPORT RENEWAL FOR FY 2
		44242		3,431.85	ANALYZER ROOM - NETWORKING EQU
8/9/2018	CHEMTRADE CHEMICALS US LLC		30109	3,104.46	
		44320		3,104.46	ALUMINUM SULFATE
8/9/2018	CINTAS CORPORATION # 38K		30110	872.72	
		44141		20.70	UNIFORM/LAUNDRY SERVICE AGREEM
		44343		418.65	UNIFORM/LAUNDRY SERVICE AGREEM
		44344		433.37	STOP GAP COVERAGE FOR LINEN SE
8/9/2018	DELTA BAY CONSULTANTS, LLC		30111	3,329.70	
		44421		3,329.70	INDUSTRIAL HYGIENE NOISE SURVE
8/9/2018	MICHAEL CRAMLIT FOSTER		30112	1,976.10	
		44346		1,976.10	FOG FEED LINE VALVES
8/9/2018	GOLDEN STATE WATER CO.		30113	1,653.52	
		44387		583.31	WATER JULY18
		44450		1,070.21	WATER JULY18

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	DESCRIPTION
8/9/2018	GRAINGER		30114	1,793.23	
		44261	1,561.93		INVENTORY
		44262	51.23		INVENTORY
		44263	180.07		INVENTORY
8/9/2018	IN SHAPE HEALTH CLUBS		30115	790.00	
		44439	790.00		GYM
8/9/2018	INTERNATIONAL FIRE EQUIPMENT COMPAN		30116	4,665.00	
		44415	4,665.00		FIRE EXTINGUISHER AND HYDRANT
8/9/2018	JOHNSON CONTROLS FIRE PROTECTION LF		30117	1,885.80	
		44440	663.00		PROVIDE FIRE ALARM MAINTENANCE
		44441	1,222.80		PROVIDE FIRE ALARM MAINTENANCE
8/9/2018	KONE. INC.		30118	103.28	
		44388	103.28		ELEVATOR SERVICE AGREEMENT
8/9/2018	LARRY WALKER ASSOCIATES		30119	5,962.50	
		44373	5,962.50		REGULATORY ASSISTANCE & LOCAL
8/9/2018	McCAULEY AGRICULTURAL & PEST SERVIC		30120	1,925.00	
		44246	800.00		DISC FOR FIRE BREAK ON FRONT S
		44390	75.00		PEST CONTROL SERVICES
		44391	750.00		PEST CONTROL SERVICES
		44397	60.00		PEST CONTROL SERVICES
		44398	60.00		PEST CONTROL SERVICES
		44399	60.00		PEST CONTROL SERVICES
		44400	60.00		PEST CONTROL SERVICES
		44401	60.00		PEST CONTROL SERVICES
8/9/2018	MDRR PITTSBURG		30121	635.40	
		44451	635.40		WASTE JULY18
8/9/2018	MONUMENT CAR PARTS		30122	700.26	
		44183	700.26		INVENTORY
8/9/2018	MSC INDUSTRIAL SUPPLY CO. INC.		30123	118.29	
		44323	118.29		INVENTORY
8/9/2018	NORTHERN SAFETY CO.		30124	163.24	
		44247	163.24		INVENTORY
8/9/2018	NV5 INC.		30125	8,793.75	
		44433	8,793.75		RWF EMERGENCY BACKUP GENERATOR
8/9/2018	PACIFIC GAS & ELECTRIC COMPANY		30126	52,039.97	
		44403	52,039.97		UTILITIES
8/9/2018	CITY OF PITTSBURG		30127	660.28	
		44374	660.28		UTILITIES - WATER JUN18
8/9/2018	QUENVOLD'S		30128	401.20	
		44187	401.20		SAFETY SHOES - ANDRE D. & RICH T.

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
8/9/2018	RH TECHNOLOGY		30129	4,366.80	
		44408	4,366.80	O/S TEMP	
8/9/2018	SCHAAF & WHEELER CONSULTING		30130	88,146.25	
		44410	88,146.25	DESIGN FOR PUMP STATION FACILI	
8/9/2018	TAC AMERICAS, INC.		30131	1,551.67	
		44250	1,551.67	POC HVAC SYSTEM SERVICE AGREEM	
8/9/2018	STERICYCLE ENVIRONMENTAL SOLUTIONS		30132	13,832.41	
		44376	13,832.41	TRANS/DISPOSAL/LABOR FOR HHW F	
8/9/2018	STEVE P RADOS INC.		30133	828,934.07	
		44266	828,934.07	PROVIDE CONSTRUCTION SERVICES	
8/9/2018	SYNAGRO WEST, LLC		30134	34,142.23	
		44447	34,142.23	BIOSOLIDS HAULING	
8/9/2018	SYSTEM 1 STAFFING		30135	3,203.65	
		44445	3,203.65	O/S TEMP	
8/9/2018	THERMO ELECTRON NORTH AMERICA LLC		30136	3,774.00	
		44190	3,774.00	DIONEX ICS-1600 SUPPORT CONTRA	
8/9/2018	TURBO MACHINERY, INC		30137	12,230.94	
		44147	5,140.54	TURBO LABOR QUOTE DATED MARCH	
		44377	7,090.40	TURBO LABOR QUOTE DATED MARCH	
8/9/2018	UNIVAR USA INC		30138	3,164.99	
		44191	3,164.99	SODIUM HYPOCHLORITE	
8/9/2018	US POSTAL SERVICE-NEOPOST		30139	1,500.00	
		44419	1,500.00	POSTAGE	
8/9/2018	USA BLUEBOOK		30140	1,528.13	
		44418	1,528.13	INVENTORY	
8/9/2018	VERIZON WIRELESS		30141	2,397.24	
		44431	2,397.24	PHONE EXP	
8/9/2018	WEST YOST & ASSOCIATES		30142	254.00	
		44392	254.00	PRELIM PLANS & ANALYSIS PN 171	
8/9/2018	WM LYLES COMPANY		30143	95,950.00	
		44264	95,950.00	CONSTRUCTION SERVICES PN 17140	
8/16/2018	JACQUELINE BAELO		30144	949.89	
		44461	378.00	COMPUTER GLASSES REIMBURSEMENT	
		44462	151.96	AIRFARE TO AP CONFERENCE	
		44539	419.93	457 LOAN PYMT REIMB	
8/16/2018	BAY AREA COATING CONSULTANT		30145	2,205.00	
		44393	2,205.00	TASK B PRIMARY CLARIFIER AREA	
8/16/2018	CALIFORNIA WATER TECHNOLOGIES,LLC		30146	5,306.01	
		44316	5,306.01	FERROUS CHLORIDE	
8/16/2018	CDW GOVERNMENT, INC.		30147	130.00	

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
		44345		130.00	ANALYZER ROOM - NETWORKING EQU
8/16/2018	CHEMTRADE CHEMICALS US LLC		30148	6,108.15	
		44321		3,035.94	ALUMINUM SULFATE
		44322		3,072.21	ALUMINUM SULFATE
8/16/2018	CINTAS CORPORATION # 38K		30149	1,622.34	
		44347		412.02	STOP GAP COVERAGE FOR LINEN SE
		44348		379.70	STOP GAP COVERAGE FOR LINEN SE
		44349		20.70	UNIFORM/LAUNDRY SERVICE AGREEM
		44528		20.70	UNIFORM/LAUNDRY SERVICE AGREEM
		44530		412.02	STOP GAP COVERAGE FOR LINEN SE
		44531		377.20	STOP GAP COVERAGE FOR LINEN SE
8/16/2018	COMCAST BUSINESS COMMUNICATIONS, LI		30150	457.13	
		44470		457.13	PHONE EXP
8/16/2018	CONCENTRA/OCCUPATIONAL HEALTH CENT		30151	393.00	
		44471		393.00	PRE EMPL COSTS
8/16/2018	VINCENT DE LANGE		30152	456.66	
		44521		456.66	T&M
8/16/2018	FEDERAL EXPRESS		30153	28.61	
		44473		28.61	OE - POSTAGE
8/16/2018	MICHAEL CRAMBLIT FOSTER		30154	6,598.95	
		44386		6,598.95	FOSTER FLOW CONTROL 10" QUOTE
8/16/2018	J.J. KELLER & ASSOCIATES, INC.		30155	1,695.00	
		44475		1,695.00	KELLER ONLINE SERVICES SUBSCRI
8/16/2018	CINDY KIRK		30156	25.01	
		44477		25.01	T&M
8/16/2018	LEGAL SHIELD		30157	173.55	
		44527		173.55	LEGAL MEMBERSHIPS
8/16/2018	MCKENDRY DOOR SALES		30158	6,639.00	
		44465		4,639.00	MCKENDRY QUOTE DATED 2/ 21
		44466		2,000.00	MCKENDRY DOOR SALES QUOTE DATE
8/16/2018	MDRR PITTSBURG		30159	2,061.55	
		44487		2,061.55	WASTE
8/16/2018	MDRR-PARK (MT. DIABLO RESOURCE RECC		30160	247.28	
		44480		247.28	WASTE
8/16/2018	MSC INDUSTRIAL SUPPLY CO. INC.		30161	2,008.83	
		44324		1,958.94	INVENTORY
		44325		49.89	INVENTORY
8/16/2018	NELSON STAFFING		30162	1,980.00	
		44489		1,980.00	O/S TEMP
8/16/2018	NETRONIX INTEGRATION		30163	30,021.01	

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
		44542		30,021.01	IP VIDEO INTERCOM SYSTEM INSTA
8/16/2018	NWN CORPORATION		30164	3,078.67	
		44488		3,078.67	PHONE EXP
8/16/2018	PETERSON POWER SYSTEMS, INC		30165	10,139.45	
		44523		17,894.65	WAUKESHA ENG8903 PARTS
		44524		-7,755.20	CREDIT MEMO PO #20180455
8/16/2018	CHRIS PHILLIPS		30166	167.77	
		44492		167.77	SAFETY SHOES - C.PHILLIPS
8/16/2018	PRAXAIR, INC.		30167	131.87	
		44012		480.46	PRAXAIR MONTHLY RENTALS
		44013		-1,824.70	CREDIT MEMO
		44164		495.65	PRAXAIR MONTHLY RENTALS
		44340		500.00	BULK NITROGEN TUBE TRAILER
		44406		480.46	PRAXAIR MONTHLY RENTALS
8/16/2018	RED WING SHOE STORE 165		30168	1,673.81	
		44189		1,673.81	SAFETY SHOES
8/16/2018	RH TECHNOLOGY		30169	4,394.10	
		44494		4,394.10	O/S TEMP
8/16/2018	CA STATE DISBURSEMENT UNIT		30170	750.00	
		CS9648263		750.00	GARNISHMENT
8/16/2018	JAYNE STROMMER		30171	97.06	
		44496		97.06	T&M
8/16/2018	SYSTEM 1 STAFFING		30172	3,074.28	
		44495		3,074.28	O/S TEMP
8/16/2018	TURBO MACHINERY, INC		30173	7,090.40	
		44319		7,090.40	TURBO LABOR QUOTE DATED MARCH
8/16/2018	UNDERGROUND SERVICE ALERT		30174	4,960.24	
		44394		4,960.24	M&D DISTRICT WIDE
8/16/2018	UNIVAR USA INC		30175	11,974.25	
		44251		3,197.50	SODIUM HYPOCHLORITE
		44420		3,165.63	SODIUM HYPOCHLORITE
		44424		5,611.12	SODIUM BISULFITE
8/16/2018	V.W. HOUSEN & ASSOCIATES, INC.		30176	7,372.68	
		44501		7,372.68	SCOPE DEVELOPMENT
8/23/2018	AFLAC		30177	1,254.69	
		44599		1,254.69	INSURANCE
8/23/2018	AIRGAS USA, LLC		30178	283.76	
		44378		283.76	INVENTORY
8/23/2018	ALEX KUSHNER		30179	8,189.75	
		44608		8,189.75	RELEASE OF RETENTION

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
8/23/2018	CITY OF ANTIOCH- WATER		30180	14,076.08	
		44543	8,555.37		WATER JUL18
		44544	5,007.57		WATER JUL18
		44545	111.30		WATER JUL18
		44546	111.30		WATER JUL18
		44547	111.30		WATER JUL18
		44548	67.94		WATER JULY18
		44563	111.30		WATER JUL18
8/23/2018	MICHAEL BAKALDIN		30181	261.64	
		44550	261.64		REIMB RETIREE MED PREM
8/23/2018	BATTERIES PLUS BULBS		30182	1,802.53	
		44609	1,802.53		INVENTORY
8/23/2018	WILLIAM WESLEY BRANNON		30183	2,456.82	
		44565	2,456.82		EMPLOYEE RECOGNITION
8/23/2018	DARRELL CAIN		30184	59.00	
		44582	22.00		MED REIMB JUL18
		44583	15.00		MED REIMB JUL18
		44584	22.00		MED REIMB JUL18
8/23/2018	CALIFORNIA WATER TECHNOLOGIES,LLC		30185	4,886.10	
		44467	4,886.10		FERROUS CHLORIDE
8/23/2018	CALTEST ANALYTICAL LABORATORY		30186	1,928.70	
		44379	307.80		CONTRACT LABORATORY SERVICES
		44435	913.50		CONTRACT LABORATORY SERVICES
		44437	65.70		CONTRACT LABORATORY SERVICES
		44448	307.80		CONTRACT LABORATORY SERVICES
		44449	333.90		CONTRACT LABORATORY SERVICES
8/23/2018	CAROLLO ENGINEERS		30187	65,192.50	
		44428	11,660.00		PRIMARY CLARIFIER AREA IMPROVE
		44468	53,532.50		CONSULTING SERVICES HEADWORK I
8/23/2018	CCSDA		30188	100.00	
		44592	100.00		M&D - V. DE LANGE
8/23/2018	CHEMTRADE CHEMICALS US LLC		30189	19,111.63	
		44380	3,139.38		ALUMINUM SULFATE
		44463	3,147.43		ALUMINUM SULFATE
		44464	3,166.25		ALUMINUM SULFATE
		44469	3,129.97		ALUMINUM SULFATE
		44588	3,281.76		ALUMINUM SULFATE
		44607	3,246.84		ALUMINUM SULFATE
8/23/2018	CINTAS CORPORATION # 38K		30190	2,437.35	
		44350	416.80		STOP GAP COVERAGE FOR LINEN SE

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
		44351		379.70	STOP GAP COVERAGE FOR LINEN SE
		44352		20.70	UNIFORM/LAUNDRY SERVICE AGREEM
		44381		417.02	STOP GAP COVERAGE FOR LINEN SE
		44382		377.20	STOP GAP COVERAGE FOR LINEN SE
		44383		20.70	UNIFORM/LAUNDRY SERVICE AGREEM
		44502		428.88	STOP GAP COVERAGE FOR LINEN SE
		44503		355.65	STOP GAP COVERAGE FOR LINEN SE
		44504		20.70	UNIFORM/LAUNDRY SERVICE AGREEM
8/23/2018	CLYDE STEAGALL, INC		30191	367,335.93	
		44342		148,326.49	RWF EMERGENCY BACKUP GENERATOR
		44526		219,009.44	RWF EMERGENCY BACKUP GENERATOR
8/23/2018	CONTRA COSTA HEALTH SERVICES		30192	660.00	
		44438		660.00	M&D DISTRICT WIDE
8/23/2018	CONTRA COSTA WATER DISTRICT		30193	435.92	
		44564		435.92	WATER JUL18
8/23/2018	COUNTY OF CONTRA COSTA		30194	177.12	
		44578		134.00	JULY 18
		44579		43.12	JULY 18
8/23/2018	DIABLO WATER DISTRICT		30195	389.29	
		44551		389.29	WATER JULY18
8/23/2018	DISCOVERY BENEFITS, INC.		30196	115.50	
		44472		115.50	JULY FSA
8/23/2018	JOSEPH PETRONIO		30197	990.00	
		44404		990.00	CMMS SUPPORT & SERVICES
8/23/2018	EVOQUA WATER TECHNOLOGIES, LLC		30198	288.00	
		44581		288.00	DI WATER FOR THE LABORATORY
8/23/2018	FARMER BROS CO		30199	471.38	
		44326		330.82	COFFEE SERVICE PLAN
		44327		140.56	COFFEE SERVICE PLAN
8/23/2018	MICHAEL CRAMBLIT FOSTER		30200	2,953.29	
		44596		2,953.29	INVENTORY
8/23/2018	FREMONT ANALYTICAL INC.		30201	1,105.00	
		44384		1,105.00	DIGESTER GAS ANALYSIS
8/23/2018	G3 ENGINEERING, INC		30202	402.90	
		44474		402.90	INVENTORY
8/23/2018	GEXPRO		30203	20,797.92	
		44532		4,973.60	SOFTWARE RENEWAL
		44533		15,824.32	SOFTWARE RENEWAL
8/23/2018	GRAINGER		30204	3,815.81	
		44396		450.14	INVENTORY

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
		44589		2,463.92	INVENTORY
		44590		661.63	INVENTORY
		44591		240.12	INVENTORY
8/23/2018	GURMUKH SINGH GREWAL		30205	9.00	
		44585		9.00	MED REIMB JUL18
8/23/2018	HACH COMPANY		30206	522.25	
		44422		178.60	INVENTORY
		44423		343.65	INVENTORY
8/23/2018	HIRERIGHT, INC.		30207	65.88	
		44522		65.88	PRE EMPL COSTS
8/23/2018	INTERACTIVE RESOURCES INC.		30208	22,809.20	
		44452		22,809.20	ROOF REPLACEMENT DESIGN - PN 1
8/23/2018	JAC INDUSTRIAL TECHNOLOGIES, LLC		30209	434.60	
		44553		434.60	INVENTORY
8/23/2018	JOHN MUIR HEALTH		30210	807.83	
		44567		807.83	2018 Corporate Health Services
8/23/2018	KEY ADVOCATES INC.		30211	7,900.00	
		44430		7,900.00	FEDERAL ADVOCACY WRWC PN 90024
8/23/2018	KONE. INC.		30212	103.28	
		44412		103.28	ELEVATOR SERVICE AGREEMENT
8/23/2018	LEE & RO, INC.		30213	94,461.71	
		44429		94,461.71	SWGR DESIGN SERVICES
8/23/2018	LINDE, INC.		30214	2,761.25	
		44455		636.19	LIQUID OXYGEN
		44556		2,125.06	LIQUID OXYGEN
8/23/2018	LINKO TECHNOLOGY INC		30215	13,900.00	
		44540		13,900.00	SOFTWARE ANNUAL RENEWAL
8/23/2018	ANGELA LOWREY		30216	217.59	
		44555		217.59	T&M
8/23/2018	M-I-C INC.		30217	2,667.78	
		44417		2,667.78	INVENTORY
8/23/2018	CAROL MARGETICH		30218	354.43	
		44598		354.43	T&M
8/23/2018	MCMASTER CARR SUPPLY CO		30219	403.44	
		44389		403.44	INVENTORY
8/23/2018	MECHANICAL COMPONENTS & SERVIC		30220	1,503.96	
		44557		1,503.96	RWF INVENTORY
8/23/2018	MEYERS NAVE		30221	4,112.64	
		44485		4,112.64	LEGAL
8/23/2018	SUE THOMASON		30222	265.00	

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
		44331		265.00	INDOOR PLANT MAINTENANCE
8/23/2018	MSC INDUSTRIAL SUPPLY CO. INC.		30223	977.75	
		44558		977.75	INVENTORY
8/23/2018	NELSON STAFFING		30224	1,980.00	
		44559		1,980.00	O/S TEMP
8/23/2018	OEM AIR COMPRESSOR CORP.		30225	293.85	
		44490		293.85	INVENTORY
8/23/2018	PACIFIC COAST TRANE SERVICE		30226	4,148.00	
		44493		4,148.00	POC CHILLED WATER FLOW SWITCH
8/23/2018	PACIFIC GAS & ELECTRIC COMPANY		30227	82,042.14	
		44549		40,291.39	ELECTRICIY JUL18
		44568		58.09	AUG18 - R&M BUILDING
		44569		345.15	AUG18 - R&M BUILDING
		44571		41,347.51	ELECTRICITY JUL18
8/23/2018	ABEL PALACIO		30228	545.45	
		44570		545.45	REIMB RETIREE PREM MEDICAL
8/23/2018	POLYDYNE INC		30229	60,355.16	
		44405		11,305.65	LIQUID POLYMER
		44491		2,826.41	LIQUID POLYMER
		44572		46,223.10	DRY POLY
8/23/2018	PRESIDIO SYSTEMS		30230	4,950.00	
		44407		4,950.00	SILOXANE VESSEL MEDIA REPLACEK
8/23/2018	QUENVOLD'S		30231	802.57	
		44442		143.55	SAFETY SHOES - R.BROTHERS
		44443		659.02	SAFETY SHOES
8/23/2018	RED WING SHOE STORE 165		30232	175.00	
		44444		175.00	SAFETY SHOES- G.VANPELT
8/23/2018	REGIONAL GOVERNMENT SERVICES		30233	5,769.44	
		44574		5,177.30	JOB DESCRIPTION PROJECT
		44575		592.14	JOB DESCRIPTION PROJECT
8/23/2018	REPUBLIC SERVICES #210		30234	4,579.31	
		44576		3,596.39	WASTE - JUL18
		44577		982.92	WASTE - JUL18
8/23/2018	RH TECHNOLOGY		30235	4,366.80	
		44593		4,366.80	O/S TEMP
8/23/2018	SYSTEM 1 STAFFING		30236	2,844.40	
		44597		2,844.40	O/S TEMP
8/23/2018	TELSTAR INSTRUMENTS INC		30237	19,783.66	
		44413		19,783.66	RWF MC6000 CHLORINE ANALYZERS
8/23/2018	TRANSENE COMPANY, INC.		30238	1,702.78	

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	DESCRIPTION
		44525		1,702.78	INVENTORY
8/23/2018	TRI-VALLEY JANITORIAL SERVICE & SUPPL'		30239	6,666.00	
		44414		6,666.00	JANITORIAL SERVICES
8/23/2018	STACY TUCKER		30240	129.34	
		44586		77.00	MED REIMB JUL18
		44587		52.34	MED REIMB JUL18
8/23/2018	TURBO MACHINERY, INC		30241	7,090.40	
		44497		7,090.40	TURBO LABOR QUOTE DATED MARCH
8/23/2018	UNITED TEXTILE INC.		30242	540.70	
		44456		540.70	INVENTORY
8/23/2018	UNIVAR USA INC		30243	47,865.85	
		44425		3,165.77	SODIUM HYPOCHLORITE
		44426		3,166.62	SODIUM HYPOCHLORITE
		44427		3,165.63	SODIUM HYPOCHLORITE
		44432		5,472.85	SODIUM BISULFITE
		44457		3,229.02	SODIUM HYPOCHLORITE
		44458		3,164.99	SODIUM HYPOCHLORITE
		44459		3,165.70	SODIUM HYPOCHLORITE
		44498		3,165.63	SODIUM HYPOCHLORITE
		44499		3,165.77	SODIUM HYPOCHLORITE
		44500		5,502.82	SODIUM HYPOCHLORITE
		44580		3,164.64	SODIUM HYPOCHLORITE
		44594		5,170.99	SODIUM BISULFITE
		44595		3,165.42	SODIUM HYPOCHLORITE
8/23/2018	WM LYLES COMPANY		30244	131,670.00	
		44341		131,670.00	CONSTRUCTION SERVICES PN 17140
8/30/2018	ALLIED RELIABILITY, INC.		30245	4,325.00	
		44633		3,525.00	THERMOGRAPHIC INSPECTION OF EL
		44634		800.00	THERMOGRAPHIC INSPECTION OF EL
8/30/2018	AMERICAN MANAGEMENT ASSOCIATION		30246	9,827.78	
		44620		9,827.78	Training Seminar Agreement -
8/30/2018	BAY AREA PROCESS		30247	2,161.88	
		44681		2,161.88	RWF INVENTORY
8/30/2018	SCOT ALLISON CAMPBELL		30248	4,291.59	
		44610		4,291.59	INVENTORY
8/30/2018	BAYWORK		30249	765.00	
		44621		765.00	M&D C.RHODES-ALEXANDER
8/30/2018	CALIFORNIA WATER TECHNOLOGIES,LLC		30250	9,326.39	
		44622		5,140.58	FERROUS CHLORIDE
		44623		4,185.81	FERROUS CHLORIDE

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	DESCRIPTION
8/30/2018	CALTEST ANALYTICAL LABORATORY		30251	2,956.50	
		44674	722.70		CONTRACT LABORATORY SERVICES
		44675	1,084.05		CONTRACT LABORATORY SERVICES
		44676	1,084.05		CONTRACT LABORATORY SERVICES
		44677	65.70		CONTRACT LABORATORY SERVICES
8/30/2018	CHEMTRADE CHEMICALS US LLC		30252	2,988.92	
		44624	2,988.92		ALUMINUM SULFATE
8/30/2018	CINTAS CORPORATION # 38K		30253	1,615.56	
		44637	389.08		STOP GAP COVERAGE FOR LINEN SE
		44638	355.65		STOP GAP COVERAGE FOR LINEN SE
		44639	20.70		UNIFORM/LAUNDRY SERVICE AGREEM
		44640	461.28		STOP GAP COVERAGE FOR LINEN SE
		44641	368.15		STOP GAP COVERAGE FOR LINEN SE
		44642	20.70		UNIFORM/LAUNDRY SERVICE AGREEM
8/30/2018	CONTRA COSTA COUNTY FIRE		30254	1,884.00	
		44683	1,884.00		R&M-BUILDING (OTHER)
8/30/2018	VINCENT DE LANGE		30255	244.53	
		44625	244.53		T&M
8/30/2018	DRAKE HAGLAN & ASSOCIATES, INC		30256	7,309.50	
		44611	7,309.50		CONSULTING SERVICES SODIUM BIS
8/30/2018	ERIKS NORTH AMERICA, INC.		30257	1,962.45	
		44665	1,962.45		INVENTORY
8/30/2018	FARMER BROS CO		30258	400.95	
		44628	206.92		COFFEE SERVICE PLAN
		44631	194.03		COFFEE SERVICE PLAN
8/30/2018	FRONTIER ANALYTICAL LABORATORY		30259	1,600.00	
		44678	1,600.00		DIOXINS AND PCB CONTRACT LAB A
8/30/2018	DAN GARIG		30260	1,573.73	
		44460	-82.96		CREDIT MEMO
		44626	924.69		P.O. - B.I.T. INSPECTIONS
		44627	732.00		P.O. - B.I.T. INSPECTIONS
8/30/2018	GOLDEN GATE PETROLEUM		30261	1,617.52	
		44613	1,617.52		PO FUEL
8/30/2018	GRAINGER		30262	2,454.23	
		44612	1,964.53		INVENTORY
		44682	489.70		INVENTORY
8/30/2018	HANSON LAB FURNITURE INC.		30263	3,586.50	
		44630	3,586.50		10187 - ANALYZER ROOM INSTALLA
8/30/2018	JOHNSON CONTROLS FIRE PROTECTION LF		30264	4,127.76	
		44635	4,127.76		FIRE ALARM AND SPRINKLER ANNUA

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	DESCRIPTION
8/30/2018	LARRY WALKER ASSOCIATES		30265	5,453.00	
		44614	5,453.00		REGULATORY ASSISTANCE & LOCAL
8/30/2018	ANGELA LOWREY		30266	55.15	
		44636	55.15		MILEAGE REIMB
8/30/2018	MARINE SCIENCE INSTITUTE		30267	20,000.00	
		44666	20,000.00		SPONSORSHIP
8/30/2018	McCAULEY AGRICULTURAL & PEST SERVIC		30268	1,125.00	
		44667	75.00		PEST CONTROL SERVICES
		44668	750.00		PEST CONTROL SERVICES
		44669	60.00		PEST CONTROL SERVICES
		44670	60.00		PEST CONTROL SERVICES
		44671	60.00		PEST CONTROL SERVICES
		44672	60.00		PEST CONTROL SERVICES
		44673	60.00		PEST CONTROL SERVICES
8/30/2018	MCKENDRY DOOR SALES		30269	1,200.00	
		44644	1,200.00		McKENDRY DOOR SALES QUOTE DATE
8/30/2018	MONUMENT CAR PARTS		30270	617.00	
		44615	617.00		INVENTORY
8/30/2018	NELSON STAFFING		30271	1,980.00	
		44645	1,980.00		O/S TEMP
8/30/2018	NEOGOV/GOVERNMENTJOBS.COM		30272	2,854.56	
		44646	2,854.56		ANNUAL SOFTWARE LICENSE FEE FO
8/30/2018	PENINSULA PUMP & EQUIPMENT INC		30273	16,375.00	
		44647	16,375.00		REBUILD/REPAIR PUMP
8/30/2018	PFM ASSET MANAGEMENT		30274	603.52	
		44649	603.52		O/S INVESTMENTS
8/30/2018	POLYDYNE INC		30275	16,958.48	
		44650	2,826.41		LIQUID POLYMER
		44651	5,652.83		LIQUID POLYMER
		44652	8,479.24		LIQUID POLYMER
8/30/2018	RAIN FOR RENT		30276	685.44	
		44653	685.44		PROVIDE BI-LEVEL TANK PN 14116
8/30/2018	SARONI HEATING & A/C, INC.		30277	364.19	
		44654	364.19		REPAIR OF COP LOBBY AIR CONDIT
8/30/2018	TAC AMERICAS, INC.		30278	1,551.67	
		44655	1,551.67		POC HVAC SYSTEM SERVICE AGREEM
8/30/2018	STEPHEN SIPTROTH		30279	157.99	
		44656	157.99		T&M CASA CONFERENCE
8/30/2018	SYNAGRO WEST, LLC		30280	207,920.00	
		44679	207,920.00		DIGESTER NO. 2 CLEANING PN 181

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	DESCRIPTION
8/30/2018	SYSTEM 1 STAFFING		30281	3,048.40	
		44684	3,048.40	O/S TEMP	
8/30/2018	TURBO MACHINERY, INC		30282	21,359.49	
		44658	7,090.40	OPEN MAINTENANCE POSITIONS TE	
		44659	1,595.00	P8516 IMPELLAR REPAIR/ BALANCE	
		44660	5,583.69	OPEN MAINTENANCE POSITIONS TE	
		44661	7,090.40	OPEN MAINTENANCE POSITIONS TE	
8/30/2018	UNIVAR USA INC		30283	6,394.64	
		44662	3,165.56	SODIUM HYPOCHLORITE	
		44663	3,229.08	SODIUM HYPOCHLORITE	
8/30/2018	AMANDA WONG ROA		30284	94.99	
		44664	94.99	REIMB FOR DECOR	
GRAND TOTAL				<u>2,992,324.69</u>	

October 10, 2018

ADOPT RESOLUTION APPROVING UPDATED SEWER SYSTEM MANAGEMENT PLAN AS MANDATED BY THE STATE WATER RESOURCES CONTROL BOARD

RECOMMENDATION

Adopt Resolution approving the District's updated Sewer System Management Plan (SSMP) pursuant to the statewide General Waste Discharge Requirements (WDRs) set forth by the State Water Resources Control Board (SWRCB).

Background Information

In May 2006, the SWRCB adopted Order No. 2006-0003-DWQ, which established WDRs for public agencies that own and operate sanitary sewer collection systems. The WDRs mandate that owners and operators of sanitary systems must: (1) report sanitary sewer overflows (SSOs) to the SWRCB and (2) develop and implement a Sewer System Management Plan (SSMP) with specific provisions for the proper and efficient management, operation, and maintenance of sanitary sewer systems.

In April 2009, the District adopted its SSMP and completed a subsequent update in 2013. The SSMP set forth goals and actions for the various activities involved in operating, repairing, and replacing the sewer system. The SSMP includes chapters describing legal authorities and requirements, monitoring, auditing, reporting, and communicating with the public and regulators. The SSMP must be audited every two years to assess effectiveness, identify opportunities for improvement, and implement necessary revisions. The SWRCB also requires public agencies to perform a comprehensive review and update of their SSMPs at least once every five years.

Analysis

A District team comprising staff directly responsible for various elements of the SSMP and those familiar with sanitary sewer system operations, maintenance, and incident response recently conducted the required review and update. The SSMP review team focused on the effectiveness of SSMP procedures, compliance with WDRs, and any potential deficiencies in the SSMP.

The reference documents and information used for conducting the review included the amended WDR Monitoring and Reporting Program (Order No. 2013-0058-EXEC), the Northern California River Watch (NCRW) Agreement, historical sewer system performance data, and the District's operating budget and five-year capital improvement program. Based on this review, the modifications were minor in nature, such as updating employee and contractor contact information, modifying current standard operating procedure language, and adding new emergency response equipment to the District's inventory list. The updated SSMP has been provided to the Board under separate cover and will be made available at the Board meeting and District offices.

The updated SSMP is required to be approved by the Board for recertification. The updated SSMP and supporting documentation will be kept on file and available for review, and the SWRCB will be notified of the recertification.

Financial Impact

Funding for implementing the SSMP is included in the approved Fiscal Year 2018/19 operating budget.

Attachment

Resolution Approving Updated SSMP as Mandated by the SWRCB

Prepared by:


Terry Spurgeon
Maintenance Manager

Reviewed by:


Dean Eckerson
Resource Recovery Services Director

cc: District File NPDES.12-REP-



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

**Re: Approving Updated Sewer)
System Management Plan)**

RESOLUTION NO. X/2018

THE BOARD OF DIRECTORS OF DELTA DIABLO HAS DETERMINED THAT:

WHEREAS, on May 2, 2006, the State Water Resources Control Board (SWRCB) adopted Order No. 2006-0003-DWQ, which established General Waste Discharge Requirements (WDRs) for public agencies that own and operate sanitary sewer systems; and

WHEREAS, on September 9, 2013, the SWRCB adopted Order No. WQ 2013-0058-EXEC, which amended the WDR monitoring and reporting program for sanitary sewer systems; and

WHEREAS, pursuant to the statewide WDRs, public agencies that own and operate sanitary sewer systems greater than one mile in length must develop a Sewer System Management Plan (SSMP) in accordance with the SWRCB requirements; and

WHEREAS, the SSMP must be updated every five (5) years; and

WHEREAS, Delta Diablo has updated its SSMP to meet the current WDRs and ensure conformance with other appropriate reference documents; and

WHEREAS, the updated SSMP must be approved by the District's governing body.

NOW, THEREFORE, BE IT RESOLVED that the Delta Diablo Board of Directors does hereby approve the updated Sewer System Management Plan.

PASSED AND ADOPTED on October 10, 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 October 10, 2018.

ATTEST: D. Pete Longmire
Board Secretary

By: _____

RESOLUTION NO. /2018

October 10, 2018

AUTHORIZE GENERAL MANAGER TO EXECUTE CONSULTING SERVICES CONTRACT IN AN AMOUNT NOT TO EXCEED \$806,810, SHAH KAWASAKI ARCHITECTS, INC., DESIGN SERVICES, DISTRICT OFFICE BUILDING REHABILITATION, PROJECT NO. 18113

RECOMMENDATION

Authorize General Manager to execute Consulting Services Contract with Shah Kawasaki Architects, Inc. (SKA), in an amount not to exceed \$806,810 for design services for the District Office Building Rehabilitation Project.

Background Information

In 2016, the District performed a study to evaluate the architectural programming, space planning, and facility condition assessment of the Plant Operation Center (POC) and Treatment Plant (TP) buildings. The result of the study is a program consisting of two independent repair and rehabilitation projects—the District Office Building Roofing and Sheet Metal Replacement Project and the District Office Building Rehabilitation Project. The first project involves new roofing, gutter, and downspout systems for the POC and TP, and is currently in construction with completion expected by December 2018. The second project is in its initial phase. It will include planning, design, and construction activities for replacement and/or rehabilitation of the architectural, mechanical, plumbing, and audio-visual systems at the POC and TP buildings. In addition, the second project includes feasibility and planning studies to evaluate building security improvements and rehabilitation, replacement, and/or reconsolidation of the POC Laboratory.

Analysis

In June 2018, staff issued a Request for Proposals (RFP) soliciting highly-qualified design firms to assist with planning, design, cost estimating, and preparation of environmental and other regulatory documentation. Proposals were received from SKA and Interactive Resources, Inc. The proposals were evaluated and ranked by staff across multiple departments. Based on this evaluation, SKA was determined to be the most highly-qualified firm to provide design services for the project. SKA has extensive experience with publicly-bid projects and demonstrated good understanding of potential impacts to ongoing District operations, including sound methods to minimize change orders and costs during construction.

Due to heightened security concerns in public workplaces, staff will direct SKA to accelerate the feasibility study component of the project to identify security system improvements for the TP and POC buildings. Upon completion of the study, staff will evaluate the findings and may request Board approval to implement improvements to address any significant security deficiencies to ensure a continued safe working environment for staff and the general public. Non-critical security improvements will be incorporated in the overall project.

Financial Impact

The adopted Fiscal Year 2018/2019 – 2022/2023 (FY18/19 – FY22/23) Capital Improvement Program includes an appropriation of \$1,100,000 through FY18/19 for the District Office Building Rehabilitation Project. A summary of the recommended services with costs is provided

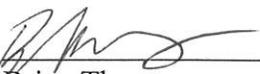


as an attachment. The requested contract amount of \$806,810 includes \$791,810 for the base contract and \$15,000 for as-needed services. There is sufficient budget to cover this work.

Attachment

Scope of Work Summary

Prepared by: 
Irene O'Sullivan
Associate Engineer

Reviewed by: 
Brian Thomas
Engineering Services
Director/District Engineer

cc: Shah Kawasaki Architects, Inc.
District File No. P.18113.01.03



**DISTRICT OFFICE BUILDING REHABILITATION
PROJECT NO. 18113**

SCOPE OF WORK AND COST ESTIMATE SUMMARY

<u>DESCRIPTION</u>	<u>PROPOSED COST</u>
<u>Projected Expenses:</u>	
<i>Base Scope of Work:</i>	
Project management and controls	\$18,080
Background investigation and preliminary assessment	\$57,540
Major equipment alternatives, recommendation, selection	\$19,980
Feasibility and planning studies	\$72,840
*Building security	
*Laboratory replacement and space reclamation	
*Pest control	
Design work	\$548,840
*30%, 60%, 100% design documents	
*Bid-level documents	
California Environmental Quality Act (CEQA)/Regulatory	\$33,910
Cost Estimating	\$40,620
 <i>Subtotal for Base Scope of Work</i>	 <i>\$791,810</i>
 <i>District As Needed Task:</i>	
As-Needed Services*	\$15,000
<hr/>	
<i>GRAND TOTAL (ROUNDED)</i>	<i>\$806,810</i>

*This task requires additional approval in writing from District staff, prior to initiation and prior to billing by the Consultant.

October 10, 2018

AUTHORIZE GENERAL MANAGER TO EXECUTE COOPERATIVE AGREEMENT RELATED TO THE CITY OF ANTIOCH BRACKISH WATER DESALINATION PROJECT

RECOMMENDATION

Authorize General Manager to execute a Cooperative Agreement with the City of Antioch for the Antioch Brackish Water Desalination Project.

Background Information

The City of Antioch (City) is planning to construct, operate, and maintain a brackish water desalination facility known as the Antioch Brackish Water Desalination Project (Project). The City proposes to replace its existing San Joaquin River intake pump station, construct a desalination facility located at the City's existing water treatment plant property, and construct pipelines for the conveyance of source water and brine concentrate.

A byproduct of the brackish water desalination process is a concentrated waste stream known as brine. As part of the Project, the City proposes to construct a new pipeline to convey the brine from the Project to the District for discharge through the District's existing outfall. During proposed normal Project operations, the brine would be generated and conveyed to the outfall at a rate of approximately 2 million gallons per day (MGD).

Analysis

The District discharges treated wastewater to New York Slough through an existing outfall in accordance with National Pollutant Discharge Elimination System (NPDES) Permit No. CA0038547 (Order No. R2-2014-0030) (NPDES Permit), as issued and administered by the San Francisco Bay Regional Water Quality Control Board (Regional Water Board). The City desires that the District's NPDES Permit include provisions to allow for the discharge of brine through the District's outfall. The District is currently pursuing a reissuance of its NPDES Permit and expects the NPDES Permit to be reissued by October 2019.

The City and District staff have been working cooperatively to accommodate the discharge of Project brine through the District's outfall for the past year. The attached Cooperative Agreement formalizes the arrangement and includes cost recovery provisions for the District.

Financial Impact

The City will reimburse the District for its staff and consulting costs associated with incorporating brine disposal in the District's NPDES permit in an amount not to exceed \$100,000. If costs exceed \$100,000, the Cooperative Agreement has provisions to amend the reimbursement limit.

Attachment

Cooperative Agreement with the City of Antioch

Prepared by: Amanda Roa
Amanda Roa
Environmental Programs Manager

Reviewed by: Brian Thomas
Brian Thomas
Engineering Services
Director/District Engineer

cc: Jon Blank, City of Antioch
Scott Buenting, City of Antioch
District File No. CORP.1-AGR



COOPERATIVE AGREEMENT RELATED TO THE
PROPOSED CITY OF ANTIOCH BRACKISH WATER DESALINATION PROJECT

This Cooperative Agreement (“Agreement”) dated October 11, 2018, (“Effective Date”) is entered into by and between the CITY of ANTIOCH (“City”), a municipal corporation, and DELTA DIABLO (“District”), a sanitation district formed and existing under the County Sanitation District Law. The City and the District are sometimes referred to collectively as the “Parties” and each as a “Party.”

RECITALS

- A. The District provides wastewater resource recovery services for the Cities of Antioch and Pittsburg, and the unincorporated community of Bay Point. The District operates a wastewater treatment plant (WWTP) located at 2500 Pittsburg-Antioch Highway, in Antioch, California. The District discharges wastewater from its WWTP through an existing discharge outfall in accordance with National Pollutant Discharge Elimination System (NPDES) Permit No. CA0038547 (Order No. R2-2014-0030) (the “NPDES Permit”), as issued and administered by the San Francisco Bay Regional Water Quality Control Board (“Regional Water Board”).
- B. The City is planning to construct, operate, and maintain a brackish water desalination facility known as the Antioch Brackish Water Desalination Project (“Project”). The City proposes to replace its existing San Joaquin River intake pump station, construct a desalination facility located at the City’s existing water treatment plant property at 401 Putnam Street, Antioch, California, and construct pipelines for the conveyance of source water and brine concentrate. The Project operation schedule will vary annually. In general, the desalination plant would be operated seasonally when salinity at the City’s drinking water intake increases and will cease operating when the salinity at the City’s intake returns to a suitable level.
- C. A byproduct of the brackish water desalination process is a concentrated waste stream known as brine (“Brine Waste”). As part of its Project, the City proposes to construct a new pipeline to convey Brine Waste from the Project to the District for discharge through the District’s existing outfall. During proposed normal Project operations, Brine Waste would be generated and conveyed to the outfall at a rate of approximately 2 million gallons per day (MGD). The City

anticipates that the salinity of the Brine Waste would vary with the water quality of the water the City diverts at its intake pump station. The Project's desalination process is expected to concentrate the salinity in the Brine Waste at a ratio of approximately four times the source water quality.

- D. The City desires for the District's NPDES Permit to include constituent limits and other terms that would allow for the possible future disposal of Brine Waste by the District. The District is pursuing a reissuance of its NPDES Permit by the Regional Water Board. That process is expected to be completed in October, 2019. The District desires to cooperate with the City to request that the Regional Water Board include appropriate constituent limits and other terms in the District's NPDES Permit that would allow for the possible future disposal of Brine Waste.

AGREEMENT

1. The District and the City will work cooperatively to explore the incorporation of appropriate constituent limits and other terms into the District's NPDES Permit to allow for the future disposal of Project-related Brine Waste.
2. The City serves as the California Environmental Quality Act ("CEQA") lead agency for its Project. The District is a CEQA responsible agency for the City's Project because the Project cannot be constructed as planned unless the District agrees to accept and dispose of Brine Waste from the City's Project. This Agreement does not constitute, nor is it intended to constitute, an approval of the Project by the City or an agreement by the District to receive and dispose of Project-related Brine Waste. This Agreement does not obligate the City to pursue its Project. This Agreement does not obligate the District to agree to receive and dispose of the City's Project-related Brine Waste. Nothing in this Agreement requires the City or the District to exercise its discretion in any particular way in order to satisfy its requirements under CEQA.
3. The City recognizes the District's excellent record of NPDES Permit compliance, and also recognizes that the District's operations require continued NPDES Permit compliance. The District recognizes the City's objectives in implementing the Project, including improved water supply reliability and water quality for Antioch residents. The District and the City intend to work cooperatively to request that the Regional Water Board incorporate appropriate terms and constituent limits in the

District's NPDES Permit that would enable the District to dispose of Project-related Brine Waste, if the District later agrees to dispose of the City's Brine Waste. The City will work with the District to implement the Project-related Brine Waste disposal in a manner that would enable the District to maintain NPDES Permit compliance in the event that the District later agrees to dispose of Brine Waste.

4. The City will provide supporting technical information in coordination with the District and its consultants to enable the District and its consultants to evaluate the feasibility of incorporating changes in the District's NPDES Permit that would enable the District to dispose of Project Brine Waste. The City will cooperate with the District to evaluate probable Project Brine Waste composition profile(s) along with make-up of the existing waste streams that currently contribute to the District's discharge. This effort may also include, at the District's discretion, modeling of the resultant discharge by the District's consultants to determine possible dilution credits, analysis of the ability to comply with projected effluent limits and other NPDES permit terms, and other as needed analysis as determined by the District or as required by the Regional Water Board.
5. The City and the District will exchange Project-related information and NPDES Permit reissuance information as needed for ongoing coordination during the Regional Water Board's permit review and approval process. The District will provide the City an opportunity to review and comment on draft materials that incorporate Project-related information before the materials are submitted to the Regional Water Board. The District will specify a deadline for the City to respond to those draft materials, to ensure that the materials will be timely submitted to the Regional Water Board. If the City does not provide a response by the District's deadline, the District may submit the materials to the Regional Water Board. At the District's request, the City will make Project staff and its consultant team available for meetings with the Regional Water Board, or other regulatory entities, for the purposes of exploring changes to the District's NPDES Permit. The District will be the sole point of contact with the Regional Water Board.
6. The City will reimburse the District for reasonable costs that the District incurs to evaluate and request that the Regional Water Board incorporate changes in its NPDES Permit that would allow for the possible disposal of Brine Waste. These District costs may include, but may not be limited to, District staff and

consultant charges to (a) attend meetings with the City and/or the Regional Water Board, (b) evaluate the Project and Brine Waste, (c) evaluate the feasibility of amending the District's NPDES Permit, and (d) perform related activities under this Agreement ("Eligible Costs"). To request reimbursement of Eligible Costs under this Agreement, the District will provide the City a request for reimbursement that documents District staff time and consultant fees to be reimbursed by the City. The District will submit requests for reimbursement not more often than once per month during the term of this Agreement. Before District consultant costs will be eligible for reimbursement under this Agreement, the District must provide the City advance notice of the anticipated scope and costs for the consultant's work and obtain the City's advance approval of that work. If the City does not respond within ten (10) business days after receiving the District's notice regarding proposed consultant work and costs, the work and costs will be deemed approved by the City.

7. The City will reimburse the District for Eligible Costs within 30 calendar days after receiving a District reimbursement request. The City's total reimbursements to the District for Eligible Costs shall not exceed \$100,000 ("Reimbursement Limit"). Any portion of a District reimbursement request in excess of the Reimbursement Limit will not be reimbursed until the Reimbursement Limit is increased through an amendment to this Agreement.
8. If this Agreement is terminated under Section 12, within 30 calendar days after the termination date, the District will provide the City a request for reimbursement of all unreimbursed Eligible Costs. Within 30 business days after receiving that request, the City will reimburse the District for Eligible Costs in accordance with this Agreement. This section will survive the termination of the Agreement.
9. If the Regional Water Board issues an NPDES Permit that includes constituent limits and other terms that would allow Project Brine Waste to be received and discharged by the District, the Parties will consider and discuss the possibility of negotiating and entering into an agreement covering the disposal of Brine Waste at the District WWTP.
10. The City and the District are independent public agencies. Nothing in this Agreement creates a partnership or joint venture between the City and the District.

11. All notices, communications, reimbursement requests, and other correspondence required to be given under this Agreement shall be in writing, and shall be delivered in person, by overnight delivery, or by U.S. Mail, to the following:

To District: Brian Thomas, Engineering Services Director, Delta Diablo, 2500 Pittsburg-Antioch Hwy, Antioch, CA 94509

To City: Jon Blank, Public Works Director, City of Antioch, P.O. Box 5007, Antioch, CA 94531-5007

or to such other addresses as the District and the City may respectively designate by written notice to the other Party. Notice shall be deemed given on the same day if it is personally delivered, on the next day if it is delivered by overnight delivery, or on the fifth (5th) day after the postmark date if it is given by U.S. Mail. Additional courtesy copies of notices, communications, reimbursement requests, and other correspondence may be sent by email.

12. The Term of this agreement begins on the Effective Date and it expires upon the Regional Water Board's reissuance of the District's NPDES Permit, unless it is sooner terminated under this Section 12. Either Party may terminate this Agreement upon 30 days' advance written notice to the other Party.
13. This Agreement may not be modified or amended except in a writing signed by both Parties hereto.
14. This Agreement shall be governed and construed in accordance with California law.
15. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original.

[Remainder of page intentionally left blank – signatures on next page.]

The duly authorized representatives of the Parties are executing this Agreement on behalf of the Parties as of the Effective Date.

DELTA DIABLO

CITY OF ANTIOCH

By: _____
Vince De Lange, General Manager

By: _____
Rowland Bernal Jr, City Manager

FORM APPROVED:
Sharon L. Anderson
County Counsel

Taxpayer Identification No.:

By: _____
Mary Ann McNett Mason
District Counsel/
Chief Assistant County Counsel

SMS

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DRAFT

October 10, 2018

AUTHORIZE GENERAL MANAGER TO EXECUTE CONSULTING SERVICES CONTRACT IN AN AMOUNT NOT TO EXCEED \$126,791, LARRY WALKER ASSOCIATES, PERMITTING ASSISTANCE, NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT REISSUANCE

RECOMMENDATION

Authorize General Manager to execute a Consulting Services Contract with Larry Walker Associates (LWA) for permitting assistance with the District's National Pollutant Discharge Elimination System (NPDES) Permit reissuance in amount not to exceed \$126,791, including additional tasks (\$72,502) associated with the incorporation of brine disposal for the Antioch Brackish Water Desalination Project that will only be authorized subject to approval and full execution of the Antioch Brackish Water Desalination Project Cooperative Agreement with the City of Antioch (City).

Background Information

The District is permitted to discharge treated wastewater to waters of the State of California and the United States under an NPDES Permit administered through the San Francisco Bay Regional Water Quality Control Board (Regional Water Board). The Regional Water Board issues NPDES permits to individual dischargers, including the District. NPDES permits are intended to be reviewed and reissued by the Regional Water Board every five years. The District currently operates under NPDES Permit No. CA0038547 (Order No. R2-2014-0030), which expires on September 30, 2019. The District is required to file a Report of Waste Discharge as an application to begin the reissuance process of its NPDES permit by February 1, 2019.

The City is planning to construct, operate, and maintain a brackish water desalination facility known as the Antioch Brackish Water Desalination Project (Project). The City proposes to replace its existing San Joaquin River intake pump station, construct a desalination facility located at the City's existing water treatment plant property, and construct pipelines for the conveyance of source water and brine concentrate.

A byproduct of the brackish water desalination process is a concentrated waste stream known as brine. As part of the Project, the City proposes to construct a new pipeline to convey the brine from the Project to the District for discharge through the District's existing outfall. The City and District staff have been working cooperatively to accommodate the discharge of Project brine through the District's outfall in the upcoming NPDES permit reissuance and have proposed a Cooperative Agreement to formalize an arrangement that would provide cost recovery provisions for the District. The Cooperative Agreement has been recommended for approval as a consent calendar item on the District's October 10, 2018 Regular Board of Directors Meeting Agenda.

Analysis

LWA is a consulting firm with expertise in NPDES permitting and regulatory compliance with a wide range of experience throughout California. LWA has provided NPDES permit regulatory assistance and technical support to the District during past NPDES permit negotiations and has conducted preliminary analyses related to including brine waste in the District's discharge. Because of its expertise and experience with the complexities of the District's current discharge



configuration, LWA is best positioned to most efficiently assist with the District's regular NPDES permit reissuance process, as well as the incorporation of Project brine into the permit.

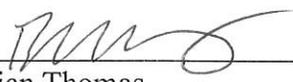
Financial Impact

There are sufficient funds in the District's operating budget to cover the \$54,289 associated with the District's regular NPDES permit application and reissuance process. The estimated cost (\$72,502) associated with the incorporation of brine discharge into the NPDES permit will be reimbursed by the City if the Cooperative Agreement is approved. If the Cooperative Agreement is not approved by the Board, work related to brine discharge will not be authorized by staff.

Attachments

Scope and Budget Summary

Prepared by: 
Amanda Roa
Environmental Programs Manager

Reviewed by: 
Brian Thomas
Engineering Services
Director/District Engineer

cc: Denise Conners, Larry Walker Associates
District File No. CORP.10-AGR



Larry Walker Associates Permitting Assistance
NPDES Permit Reissuance

Scope and Budget Summary

Scope of Work	Budget
Regular District NPDES Permit Reissuance	
Task 1 – Prepare NPDES Permit Application Package	\$10,054
Task 2 – Conduct Reasonable Potential Analysis & Calculate Effluent Limits	\$7,142
Task 3 – Update 2008 Mixing Zone/Dilution Analysis	\$10,385
Task 4 – Communicate with Regional Water Board	\$4,849
Task 5 – Review and Prepare Comments on Draft Permits	\$9,767
Task 6 – Attend Permit Adoption Hearing	\$2,114
Task 7 – Determine Feasibility and Approach for Alternate BOD5 Limits	\$5,179
Task 8 – Provide As-Needed Regulatory Assistance	\$4,799
Subtotal	\$54,289
Incorporation of Brine from Antioch Desalination Project	
Task 9 – Conduct Mixing Zone/Dilution Modeling	\$94,956
Task 10 – Conduct Reasonable Potential Analysis & Calculate Effluent Limits	\$14,797
Task 11 – Develop Chronic Toxicity Screening Work Plan	\$7,686
Task 12 – Discussions with Regional Water Board	\$15,063
Subtotal	\$72,502
Regular District NPDES Reissuance Costs:	\$54,289
Antioch Desalination Project Costs:	\$72,502
Total Contract:	\$126,791

October 10, 2018

APPROVE MINUTES OF REGULAR BOARD OF DIRECTORS MEETING, JUNE 13, 2018

RECOMMENDATION

Approve Minutes of the Regular Board of Directors Meeting of June 13, 2018.

DRAFT

**Minutes of the Regular Board of Directors Meeting
DELTA DIABLO
June 13, 2018**

The meeting was called to order by Chair Glover on Wednesday, June 13, 2018, at 4:31 p.m., in the Board Room, located at 2500 Pittsburg-Antioch Highway, Antioch. Present were Chair Federal Glover and Director Sean Wright. Director D. Pete Longmire was absent. Also present were Mary Ann Mason, District Counsel; Vince De Lange, General Manager; Denise Cappucini Jones, Office Manager/Secretary to the Board; Carol Margetich, Business Services Director; Dean Eckerson, Resource Recovery Services Director; Brian Thomas, Engineering Services Director/District Engineer; Thanh Vo, Senior Engineer; Darrell Cain, Laboratory Manager; Jayne Strommer, Government Affairs Manager; Joaquin Gonzalez, Operations Manager/Management Association Representative; Amanda Roa, Environmental Programs Manager; Cheryl Rhodes Alexander, Human Resources and Risk Manager; Steve Rodriguez, Operations Supervisor; Nick Steiner, Recycled Water Coordinator/P&T Bargaining Unit Representative; Matt Gotshall, Computer Analyst/P&T Bargaining Unit Representative; Irene O’Sullivan, Associate Engineer/P&T Bargaining Unit Representative; Kathy Chang, Finance Manager; and Holland White, Supervisor’s Aide for Special Projects, Office of Supervisor Federal D. Glover.

PUBLIC COMMENTS

None

PUBLIC HEARING

Receive Report on Capital Improvement Program Implementation Status; Conduct Public Hearing on Fiscal Year 2018/2019 through 2022/2023 Capital Improvement Program; Adopt Resolution Approving the Program; and Authorize Filing of Notice of Exemption in Compliance with Public Resources Code Section 21152

Mr. Vo reported on Capital Improvement Program (CIP) implementation status and presented the proposed Fiscal Year 2018/2019 (FY18/19) through FY22/23 CIP, which was presented to the Board on April 3, 2018 and subsequently distributed to local planning agencies for comment. He reported that 16 of the 18 proposed capital projects from FY17/18, with a combined value of \$14 million, have been implemented and highlighted major projects in progress at the water resource recovery facility and in the conveyance system. The proposed FY18/19 – FY22/23 CIP includes \$108 million in projects with over \$22 million funded with State Revolving Fund (SRF) and IBank loans at an interest rate of 2.0 to 4.0%. Key CIP focus areas include addressing aging infrastructure, meeting future regulatory requirements, identifying improved energy management opportunities, and expanding recycled water services. Mr. Vo noted that Phase 1A of the Facility Condition Assessment project, which was required to meet requirements in the District’s River Watch Settlement Agreement, was completed ahead of the June 2018 deadline. Based on the preliminary results, staff does not anticipate significant new or unplanned sewer rehabilitation work within the scope of the six miles of sewers



inspected; however, approximately, 100 to 120 manholes will need to be repaired or replaced. Phase 1B is underway with analysis of the wastewater conveyance system and results will be reported to the Board in the future. District Counsel asked if the East County Bioenergy project will result in energy savings to the District, and Mr. De Lange responded that the project would provide significant energy production benefits and enable the District to meet over 280% of its energy needs with excess electricity sold to the local power grid.

Chair Glover opened the public hearing at 4:45 p.m. Hearing no comments, Chair Glover closed the public hearing at 4:45 p.m.

Director Wright moved approval, seconded by Chair Glover and by unanimous voice vote (*Ayes: Wright and Glover; Noes: None; Absent: Longmire*), the Board received the status report, adopted the Resolution approving the Program, and authorized filing of the Notice of Exemption.

CONSENT CALENDAR

Director Wright moved approval, seconded by Chair Glover and by unanimous voice vote (*Ayes: Wright and Glover; Noes: None; Absent: Longmire*), the Board approved the following Consent Calendar according to staff recommendations: Authorize General Manager to Execute Amendment No. 1 to Consulting Services Contract in the Amount of \$20,000, Yorke Engineering, Air Permit Acquisition Services; and Authorize General Manager to Execute Legal Services Agreement in the Amount of \$100,000, Hawkins Delafield & Woods LLP, East County Bioenergy, Project No. 16117; Approve District Monthly Check Register, April 2018; Receive Third Quarter Fiscal Year 2017/2018 District Investment Report; Receive Notes from Finance Committee Meeting, June 5, 2018; Authorize General Manager to Execute Amendment No. 3 to Professional Services Agreement, Stericycle Environmental Solutions, Inc., Contract Extension and 2.5% Increase in Unit Costs, Household Hazardous Waste Management Services; Adopt Resolution Commending and Congratulating Fred Ciapusci, Maintenance Supervisor, on his Retirement from the District; Accept and Authorize General Manager to File Notice of Completion, Alex Kushner General Contractor, Operations Equipment and Storage Facility Improvements, Project No. 10143; Authorize General Manager to Execute Amendment No. 1 to Consulting Services Contract in an Amount Not to Exceed \$68,300, Carollo Engineers, Inc., Engineering Services, Headworks Improvements, Project No. 17117; Authorize Issuance of the following Purchase Orders for Fiscal Year 2018/2019: in an Amount Not to Exceed \$688,700, Univar USA, Inc., Supply and Delivery of Sodium Hypochlorite and Sodium Bisulfite; in an Amount Not to Exceed \$205,800, California Water Technologies, Supply and Delivery of Ferrous Chloride; in an Amount Not to Exceed \$329,000, Chemtrade Chemicals US, LLC, Supply and Delivery of Liquid Aluminum Sulfate; and in an Amount Not to Exceed \$429,900, SNF Polydyne, Inc., Supply and Delivery of Dry Polymer and Liquid Polymer; Reject Incomplete, Non-Responsive Bid Submitted by Lowest Apparent Bidder; Award and Authorize General Manager to Execute Construction Services Contract In an Amount Not to Exceed \$1,849,796, Alcal Specialty Contracting, Inc.; Authorize General Manager or His Designee to Approve Contract Change Orders In an Amount Not To Exceed 10% of Contract Amount; and Authorize General Manager to Execute Amendment No. 1 to Consulting Services Contract in an Amount Not to Exceed \$165,000, Interactive Resources, Inc., District Office Building Roof Replacement, Project No. 18112; Authorize General Manager to Execute Amendment No. 1 to Professional Services Consulting Agreement in the Amount of \$8,500 and Extending Agreement Term, Regional Government Services, District Job Classification and Job Description Project; Adopt Resolution Establishing Fiscal Year 2018/2019 Appropriations (GANN) Limit for Expenditures that can be funded from Proceeds of Taxes; and Adopt Resolution Authorizing Filing of



California Infrastructure and Economic Development (“IBank”) Financing Application and Incurring an Obligation Payable to IBank for Financing of and Approving Certain Other Matters in Connection Therewith, Headworks Improvements, Project No. 17117.

DELIBERATION

Determine That There Was No Majority Protest to the Proposed Sewer Service Charges or to Collection of the Charges on the Tax Roll; Adopt Ordinance Establishing Sewer Service and Delinquency Charges and Collection System Charges and Surcharges; Adopt Resolution Approving Final Engineer’s Report and Directing Collection of Certain Sewer Service and Delinquent Charges on County Tax Roll

Ms. Margetich reported on the Sewer Service Charge (SSC) rate-setting philosophy, which includes utilizing a five-year comprehensive rate model, incorporating five-year CIP needs to address aging infrastructure and service reliability, dedicating funding to meet future regulatory requirements and avoid large rate spikes, and establishing rates based on cost of service that are near the average relative to comparable agencies. She outlined key assumptions, including annual growth, reserves, proposed CIP expenses, debt, and an updated target completion date for the Advanced Treatment (AT) Project. The proposed increases are 6.0% for Antioch and Pittsburg residents, and 5.0% for Bay Point residents. There is no increase proposed for street sweeping services. She showed a breakdown of the rate components, proposed FY18/19 expenses, and projected SSC increases through FY22/23. Ms. Margetich demonstrated that the District’s SSCs are near or below the average relative to its peer agencies. She discussed the District’s practice of balancing funds to meet needs each year, and how reserves are used to address unanticipated needs and reduce the need for spikes in rates. She highlighted that without the proposed rate increase, a sharp decline in the District’s cash reserves would occur and reserves would be fully exhausted by FY21/22.

Ms. Margetich showed a revised timeline for the future AT Project, which assumes that nutrient removal requirements will be incorporated in the District’s 2024 National Pollutant Discharge Elimination System (NPDES) Permit and must be achievable within 10 years. The District has been reserving funds for this anticipated \$125 million project since the Board approved the AT Fund in 2011.

The necessary inter-fund transfers and loans, including a \$1.2 million transfer from Capital Asset to Capital Asset Replacement in FY18/19 and FY19/20, and the repayment criteria for each were discussed.

If approved, the new SSCs would go into effect for FY18/19. Ms. Margetich outlined the required steps for considering and approving the rates and asked Chair Glover if he had the opportunity to review the materials associated with the proposed action. Chair Glover stated that although he was unable to attend the public hearing on May 9, 2018, he had reviewed the staff report on the SSC increases, the written protests, and the draft meeting minutes of the public hearing. The documentation gave him a thorough understanding of what was presented and the views expressed at the hearing. In addition, he stated that he reviewed this item and had voted to approve setting the public hearing and distribution of the Proposition 218 Notices at the March 14, 2018 Board meeting.

Director Wright moved approval, seconded by Chair Glover and by unanimous voice vote (*Ayes: Wright and Glover; Noes: None; Absent: Longmire*), the Board determined that there was no majority protest, adopted the Ordinance establishing SSCs and delinquency charges and collection system charges and surcharges, and adopted the Resolution approving the final Engineer’s Report and directing collection of certain Sewer Service and delinquent charges on the County Tax Roll.



Approve Fiscal Year 2018/2019 Budget and Adopt Resolution Approving Fiscal Year 2018/2019 Budget Appropriations

Ms. Margetich reported on the proposed FY18/19 budget. To better align financial actions, the budget is being presented a month earlier and is a single-year budget, rather than a three-year budget as in the past. She outlined the budget drivers, including salaries and benefits, infrastructure renewal and rehabilitation needs, and ongoing budget reduction strategies.

The total combined budget is \$52.6 million, which includes an operating budget of \$29.3 million, a capital budget of \$21.9 million, and a debt service budget of \$1.4 million. Ms. Margetich discussed the projected FY18/19 inter-fund transfers and loans, including a \$1.2 million transfer from Capital Asset to Capital Asset Replacement in FY18/19 and FY19/20, and the repayment criteria for each. A table of estimated use of major wastewater funds and reserves in FY18/19 was presented.

Director Wright moved approval, seconded by Chair Glover and by unanimous voice vote (*Ayes: Wright and Glover; Noes: None; Absent: Longmire*), the Board approved the FY18/19 Budget and adopted the Resolution approving FY18/19 Budget Appropriations.

Review Proposed Recycled Water Service Charges and Set Public Hearing for July 11, 2018

Ms. Margetich reported on the proposed Recycled Water Service Charges (RWSC). She provided background on the customer agreements with Calpine, the cities of Pittsburg and Antioch, and Mt. Diablo Resource Recovery. There is no reserve policy for recycled water (RW), so staff has modified the model to mitigate the lost revenue risk and is proposing to shift to a predominately fixed rate structure rather than a variable rate structure. Staff examined historical trends and worked to reduce the operating budget by \$200,000. The proposed model and rates have been presented to each of the RW customers, and all expressed approval.

Based on Calpine consumption changes and closure of the Delta View Golf Course in Pittsburg, staff estimates a 20% decline in RW usage compared to the FY17/18 revised forecast. Ms. Margetich presented tables indicating the proposed RWSC increase of 15.5% or \$489.70, for irrigation customers, and an increase of 4.7% or \$512.49 for Calpine. She noted that the cost of RW remains extremely competitive at 65-68% of the cost of raw water, 26-27% of potable water, and 27-43% of peer RW agencies.

The proposed rate model and rate adjustments were discussed with the RW Technical Advisory Committee and individually with staff at the cities. Chair Glover asked if there are additional potential irrigation customers. Mr. De Lange replied that there are no requests at this time. Chair Glover asked if purple pipe is still being incorporated in new development, and Mr. Eckerson responded that purple pipe is possibly being installed at further out locations in the cities; however, the District would require a means of getting the RW to those locations. Chair Glover noted that the Northern Waterfront Economic Development may be interested in utilizing RW and that staff may wish to stay in contact with Amalia Cunningham at the County. Mr. De Lange added that he and Mr. Eckerson would be attending the East Bay Regional RW Roundtable next week.

Director Wright moved approval, seconded by Chair Glover and by unanimous voice vote (*Ayes: Wright and Glover; Noes: None; Absent: Longmire*), the Board approved setting the public hearing for July 11, 2018.



Approve Standard Form Employment Agreement for Executive Team Members and Authorize General Manager to Execute Such Agreement with Engineering Services Director/District Engineer; Authorize General Manager to Execute Such Agreements with Business Services Director and Resource Recovery Services Director Effective July 1, 2018; Approve and Authorize General Manager to Execute Revised Employment Agreement with Human Resources and Risk Manager Effective July 1, 2018

Ms. Rhodes Alexander reported that the District has updated its standard form employment agreement for executive team members for compliance with Senate Bill (SB) 1436, which was signed into law in August 2016 requiring an oral report in open session of any proposed salary and benefit changes for executives, and Government Code (GC) Section 53243, which requires all new or renewed employment agreements between a local agency and its executives to contain statutorily-required language.

The District's Executive Management Team is unrepresented and at-will through individual employment agreements. While the General Manager's employment agreement, executed in May 2017, is in full compliance, employment agreements for the Business Services Director and Resource Recovery Services Director require updating with the statutorily-required language required by GC Section 53243. In addition, the employment agreement with the newly-hired Engineering Services Director/District Engineer will be executed in full compliance with SB 1436 and GC Section 5343.

Ms. Rhodes Alexander reported that the District also has two non-executive management positions that are unrepresented: The Office Manager/Secretary to the Board and the Human Resources and Risk Manager. The terms of those agreements mirror those provided to the Management Association. Because the District is currently recruiting for the Office Manager/Secretary to the Board position, the agreement for the person hired will include the required language. A new Human Resources and Risk Manager employment agreement containing the required language will be executed by the incumbent effective July 1, 2018.

Director Wright moved approval, seconded by Chair Glover and by unanimous voice vote (*Ayes: Wright and Glover; Noes: None; Absent: Longmire*), the Board approved the standard employment agreement for the executive team members, authorized the General Manager to execute such agreement with the Engineering Services Director/District Engineer, and approved and authorized the General Manager to execute a revised employment agreement with the Human Resources and Risk Manager effective July 1, 2018.

PRESENTATIONS AND REPORT

None

MANAGER'S COMMENTS

Mr. De Lange shared that the District recently submitted an application to the National Association of Clean Water Agencies (NACWA) for recognition as a Utility of the Future. A response is expected in mid-July.

Mr. De Lange reported that Mt. Diablo Resource Recovery is expected to receive the \$4 million grant from CalRecycle in support of the East County Bioenergy Project, which will benefit the District.

DIRECTORS COMMENTS:

Director Wright wished everyone a happy summer and reminded everyone to take time off.



CORRESPONDENCE

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

The Board received and filed the report.

CLOSED SESSION

None

ADJOURNMENT

Chair Glover adjourned the meeting at 5:29 p.m. The next regular meeting of the Board of Directors will be on Wednesday, July 11, 2018, at 4:30 p.m.

D. Pete Longmire, Board Secretary

(Recording Secretary:

Denise Cappucini Jones)



October 10, 2018

APPROVE MINUTES OF REGULAR BOARD OF DIRECTORS MEETING, SEPTEMBER 12, 2018RECOMMENDATION

Approve Minutes of the Regular Board of Directors Meeting of September 12, 2018.

DRAFT**Minutes of the Regular Board of Directors Meeting
DELTA DIABLO
September 12, 2018**

The meeting was called to order by Vice Chair Wright on Wednesday, September 12, 2018, at 4:38 p.m., in the Board Room, located at 2500 Pittsburg-Antioch Highway, Antioch. Present were Directors Sean Wright and D. Pete Longmire. Chair Federal Glover was absent. Also present were Mary Ann Mason, District Counsel; Vince De Lange, General Manager; Denise Cappucini Jones, 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; Angela Lowrey, Public Information Manager; Jayne Strommer, Government Affairs Manager; Amanda Roa, Environmental Programs Manager; Thanh Vo, Senior Engineer; Kathy Chang, Finance Manager; Cheryl Rhodes Alexander, Human Resources and Risk Manager; Steve Rodriguez, Operations Supervisor; Matt Gotshall, Computer Analyst/P&T Bargaining Unit Representative; Dustin Bloomfield, Maintenance Supervisor; and Irene O'Sullivan, Associate Engineer/P&T Bargaining Unit Representative.

PUBLIC COMMENTS

None

RECOGNITIONIntroduction of Dustin Bloomfield, Maintenance Supervisor

Mr. Eckerson introduced Dustin Bloomfield, the District's new Maintenance Supervisor. Mr. Bloomfield will be responsible for daily oversight of Maintenance operations and staff. Mr. Bloomfield came to the District from the City of Brentwood where he worked for 20 years and held a variety of positions including Collections Worker Lead, Wastewater Maintenance Supervisor, and most recently Utility Maintenance Mechanic.

The Board welcomed Mr. Bloomfield to the District.

Receive Presentation of 2018 Community Engagement and Outreach Newsletter of the Year Second Place Award from California Water Environment Association

Ms. Margetich presented the 2018 Community Engagement and Outreach Newsletter of the Year Second Place Award from the California Water Environment Association. This is a state-level award for agencies that use newsletters to promote awareness and understanding of water quality issues. Ms. Margetich acknowledged Ms. Lowrey for coordinating production of the newsletter.

Receive Presentation of 2018 Award of Excellence for Public Outreach and Education – Deer Valley High School Hazardous Waste Public Service Announcement, California Association of Sanitation Agencies

Ms. Margetich presented the 2018 Award of Excellence for Public Outreach and Education from the California Association of Sanitation Agencies for the District's Hazardous Waste Public Service Announcement project with Deer Valley High School "DVTV" students. This is a state-level awards program recognizing member agencies for extraordinary clean water services, programs, and projects and dedication to fostering public health through innovative solutions and unique approaches to ensuring effective engagement with local communities. As part of the District's community engagement strategy, a PSA was created by DVTV students to highlight the District's Delta Household Hazardous Waste Collection Facility. Ms. Margetich thanked Ms. Lowrey for her efforts, as well as staff who participated on camera and behind the scenes.

Vice Chair Wright and Director Longmire thanked Ms. Lowrey for her hard work and public outreach. Ms. Lowrey thanked Mr. Gonzalez for his assistance, noting that it is a team effort, and thanked the Board for its support.

Receive Presentation of Platinum 14 Peak Performance Award from National Association of Clean Water Agencies

Mr. Eckerson presented the Platinum 14 Peak Performance Award received from the National Association of Clean Water Agencies (NACWA). NACWA has been in existence for 50 years with the purpose of representing wastewater agencies and this award recognizes water resource recovery facilities for outstanding National Pollutant Discharge Elimination System (NPDES) permit compliance in the 2017 calendar year. Mr. Eckerson stated that the District has earned the Peak Performance Award for operating its facility in full permit compliance for 14 consecutive years. This award is especially significant considering the operational challenges experienced in November and December 2017 and reflects the ongoing commitment to operational excellence exhibited by staff throughout the organization, as well as staff's commitment to the District's vision of national leadership.

Vice Chair Wright stated that the Board is very proud of staff, especially those that run the facility around the clock, for this achievement.

CONSENT CALENDAR

Staff requested Item E/8 - *Authorize General Manager to Execute Amendment No. 2 to Consulting Services Contract in an Amount Not to Exceed \$34,080, Carollo Engineers, Inc., Engineering Services, Headworks Improvements, Project No. 17117* be pulled from the Consent Calendar. Mr. De Lange reported that staff is reevaluating the project approach and associated costs and will submit an item for Board for consideration in the future.

Director Longmire moved approval of remaining Items. E/1 through E/7, seconded by Vice Chair Wright and by unanimous voice vote (*Ayes: Longmire and Wright; Noes: None; Absent: Glover*), the Board approved Items E/1 through E/7 of the Consent Calendar according to staff recommendations: Receive District Monthly Check Register, June and July 2018; Approve Minutes of Special Board of Directors Meeting, July 31, 2018; Receive Fourth Quarter Fiscal Year 2017/2018 District Investment Report; Receive Fiscal Year 2017/2018 Report on Surplus District Property; Authorize General Manager to Execute Consulting Services Contract in an Amount Not to Exceed \$410,425, HDR Engineering, Inc., Owner's Advisor Services, East County Bioenergy, Project No. 16117; Accept as Complete, Synagro-WWT, Inc., Digester No. 2 Cleaning, Project No. 18111; and Adopt Resolution Accepting Updated Contra Costa County Local Hazard Mitigation Plan.



DELIBERATION**Approve and Authorize Board Chair to Execute First Amendment to Employment Agreement Between Delta Diablo and Vincent De Lange, General Manager, and Adopt Resolution Approving Revised Salary Schedules Incorporating Change to General Manager Salary**

Ms. Margetich presented the key terms of the proposed First Amendment to the General Manager's Employment Agreement, which include a new base monthly salary of \$22,778.79 (including the same COLA that was awarded to Management Association [MA] members on July 1, 2018); 2) increasing authorized vacation leave by 3.33 hours per month; 3) providing for the same annual COLA that the District provides members of the MA in future years; and 4) establishing June as the annual performance evaluation review month. The annual impact of the salary adjustment is approximately \$19,171, which includes pension, employer tax, and benefit costs. Staff is also seeking approval of the updated salary schedules incorporating the change to the General Manager's salary.

Director Longmire stated that he supports the changes and recommends moving the item forward. In particular, he stated that the proposed salary increase is in line with other agencies and provision of the annual COLA will align with what all staff members receive. Director Wright agreed.

Director Longmire moved approval, seconded by Vice Chair Wright and by unanimous voice vote (Ayes: *Wright and Longmire*; Noes: *None*; Absent: *Glover*), the Board approved and authorized the Board Chair to execute the First Amendment to the Employment Agreement between Delta Diablo and General Manager Vincent De Lange, and adopted the Resolution approving the revised Salary Schedules incorporating the change to the General Manager's salary.

Approve Minutes of Regular Board of Directors Meeting, June 13, 2018 (*Wright and Glover*)

Item F/2 - *Approve Minutes of Regular Board of Directors Meeting, June 13, 2018 (Wright and Glover)* was pulled from the agenda for lack of a voting quorum.

PRESENTATIONS AND REPORT**Review and Comment on District Strategic Business Plan Initiatives for Fiscal Year 2018/2019**

Mr. Eckerson presented the Strategic Business Plan (SBP) Initiatives and provided background on the development process. He provided an update on selected Fiscal Year 2017/2018 (FY17/18) initiatives in each of the SBP goal areas. Under Financial Sustainability, initiatives included evaluation of financial viability of the East County Bioenergy Project (ECBP); ensuring the lowest cost of capital; and evaluation of alternatives and recommended improvements to the rate-setting and Capital Improvement Program process and timeline. Under Leadership, initiatives included development of a Succession Planning Strategy and job description updates. Director Longmire requested additional information regarding the strategy and Mr. De Lange stated that staff would provide an update at a future meeting. Under Operational Excellence, initiatives included enhancing the employee safety training program, and improving business and operational practices by completing the first phase of MUNIS modernization modules. Under Workplace Innovation, initiatives included continued pursuit of multi-benefit initiatives that increase biogas production, improved process performance, and addressing long-term biosolids and nutrient management; and completion of pilot-scale testing of the anammox/zeolite process to improve effluent and recycled water quality and initiation of the Lawrence Livermore National Laboratories Capacitive Desalination Project. Under Stakeholder Engagement, initiatives include actively supporting the Bay Area Biosolids Coalition's key strategic activities and ensuring proactive communication and engagement with local community members.



Mr. Eckerson then outlined the proposed FY18/19 SBP Initiatives. Under Financial Sustainability, initiatives include critical review of financial viability of the ECBP; improvements to the parcel database; and implementation of energy use and production measures. Under Leadership, initiatives include implementation of Succession Planning Strategy. Under Operational Excellence, initiatives include developing a comprehensive Business Continuity Plan; conducting hands-on emergency preparedness training for employees; developing a long-term strategy for implementation of a formalized Asset Management Program; identifying and recommending potential equipment and/or control system improvements; and identifying potential vulnerabilities to network security and current mitigation strategies. Under Workplace Innovation, initiatives include developing a process for identifying innovative approaches and initiatives that benefit ratepayers; developing a conceptual approach to improving the use of information system technology; providing fundamental project management training to a broad range of staff; and developing a long-term plan to guide investment in information technology. Under the final category of Stakeholder Engagement, initiatives include developing a strategic planning framework to guide proactive public information and outreach, and actively supporting the Bay Area Biosolids Coalition's key strategic activities.

Mr. Eckerson noted that the District's SBP is five years old and staff will be revisiting it early next year as an in-house endeavor.

Director Longmire commented that he would like to see more information regarding staff training and development. He noted that public outreach and education is a key area.

Regarding building security vulnerabilities, Director Longmire emphasized the need to expedite implementation of improvements. Mr. De Lange noted that staff had responded to similar comments raised during Finance Committee meetings earlier in the year by incorporating an assessment of potential improvements to the two administration buildings into the Office Buildings Improvements Project. Director Longmire stated that he would like staff to receive risk training. Director Wright asked for clarification on the process for developing the new SBP and expressed interest in participating to help guide the District's 5- to 10-year vision. Mr. De Lange confirmed that staff would directly engage with the Board in developing the SBP.

Receive Annual Report on Capital Facilities Capacity Charge Collections, Fiscal Year 2017/2018

Ms. Margetich reported on the Capital Facilities Capacity Charges (CFCCs), noting that they are tied to development and growth. The District currently assumes 400 equivalent residential units (ERUs). This year, there were only 219 ERUs compared to 496 ERUs last year. She presented CFCC revenues by zone indicating the breakdown of ERUs for FY16/17, a Connections Summary for FY15/16, FY16/17, and FY17/18, and a summary of connections by customer class for those years. Ms. Margetich noted that staff reached out to the cities for additional information and determined that a number of projects are in progress, but were not completed by the end of FY17/18. Staff anticipates an increase in ERUs in FY18/19 when those projects are completed.

Director Wright agreed that unless there is a sharp decline in the real estate market, the District should see an increase this year. He is aware of significant development in the City of Antioch over the next couple of years. He asked if there is a mechanism in the CFCC rate structure to decrease commercial rates and support local economic development and allow local residents to work where they live. Ms. Margetich replied that state legislation requires connection fees to be commensurate with the cost of service, which limits the District's flexibility in establishing CFCCs. Director Wright stated that the City of Antioch



recently completed a rate study and encouraged District staff to consult with the City on the methodology and the impact of key assumptions.

The Board received and filed the Report.

MANAGER'S COMMENTS

Mr. De Lange noted that October will be the last Board meeting for Ms. Jones, who will be retiring at the end of November. He stated that the new Office Manager/Secretary to the Board will be introduced at the Board meeting in October, which will allow some time for overlap to ensure a smooth transition.

DIRECTORS COMMENTS

None

CORRESPONDENCE

Receive Monthly Reports dated July and August 2018, Key Advocates, Inc., Western Recycled Water Coalition, Project No. 90024

The Board received and filed the report.

CLOSED SESSION

None

ADJOURNMENT

Director Wright adjourned the meeting at 5:45 p.m. The next regular meeting of the Board of Directors will be on Wednesday, October 10, 2018, at 4:30 p.m.

D. Pete Longmire, Board Secretary

(Recording Secretary:

Denise Cappucini Jones)



October 10, 2018

RECEIVE DELTA HOUSEHOLD HAZARDOUS WASTE COLLECTION FACILITY FISCAL YEAR 2017/2018 REPORTRECOMMENDATION

Receive Delta Household Hazardous Waste Collection Facility Report.

Background Information

Attached is the Fiscal Year 2017/2018 (FY17/18) Report for the Delta Household Hazardous Waste Collection Facility (DHHWCF). The report summarizes key information related to facility operation, including utilization, hazardous waste collected, and operating costs.

Analysis

The DHHWCF has been in service to the local community for 15 years. In FY17/18, 16,513 vehicles utilized the facility for household hazardous waste (HHW) disposal (not including e-waste), which represents an 11.8% increase from last fiscal year (14,773 vehicles). Over 545 tons of waste were delivered to the facility, which represents an annual increase of 2.2% (533 tons), with 72.4% of material collected being either reused or recycled. Over 30 tons of waste were collected from small businesses, which represents a 23.0% increase from the previous fiscal year.

In FY17/18, 9.3 tons of material were distributed for reuse, a 24.3% increase from the previous fiscal year. Examples of materials that are made available for reuse include paint, household cleaners, and gardening products. Because materials distributed for reuse must meet minimum quantity and quality guidelines (i.e., container at least half full, with legible labels), the amount distributed each year varies.

This was the twelfth full year that the facility accepted electronic waste (e-waste). Over 158 tons of e-waste was collected, up 8.2% from last year (146 tons). Recycling payments for e-waste collection provided \$5,759 in revenue to offset other HHW program costs.

Financial Impact

A total of \$704,623 of the facility operating budget (\$774,458) was spent in FY17/18, or 91% of the budget. Of the amount spent, \$462,776 was paid by the program partners, and the remaining \$241,847 was paid by the District.

Attachments

FY17/18 Year-End Report

Prepared by: Amanda Roa
Amanda Roa
Environmental Programs Manager

Reviewed by: Brian Thomas
Brian Thomas
Engineering Services
Director/District Engineer

cc: District File No. HHW-01-REP-X



2017/18 YEAR-END REPORT



**Delta Household
Hazardous Waste
Collection Facility**

INTRODUCTION

The Delta Household Hazardous Waste Collection Facility (DHHWCF) is made possible through a joint effort between Delta Diablo (District), the cities of Antioch, Brentwood, Oakley and Pittsburg, and Contra Costa County. The facility is available to all residents of East Contra Costa County free of charge. This report summarizes the activities at the DHHWCF in fiscal year 2017/2018 (FY1718).

HHW PROGRAM HISTORY

In 1993, Contra Costa County started the Mobile Household Hazardous Waste Collection Program. The program was multi-jurisdictional and sponsored eight one-day collection events per year - four events in West County and four in East County. The East County portion of the program was funded by the Cities of Antioch, Brentwood and Pittsburg, and Contra Costa County. Residents could bring the entire range of household hazardous waste (HHW), including pesticides, oil-based paints, solvents, old gasoline, aerosols and other toxics.



In 1996, Contra Costa County received a HHW Grant from CalRecycle (formerly the California Integrated Waste Management Board [CIWMB]) to set up a permanent recycle-only collection facility. The facility was located at Delta Diablo. The recycle-only facility was a joint effort between the District, the Cities of Antioch, Brentwood and Pittsburg, and Contra Costa County and the operation was funded by the participating jurisdictions. The facility was open to the public every Saturday from 9:00 am to noon and only accepted recyclable HHW (motor oil, filters, antifreeze, latex paint and lead-acid batteries). The recycle-only facility consisted of a small paved area, 4 modified 8-foot by 20-foot shipping containers, a hazardous waste storage locker and ancillary equipment for safety, supply storage and office space.

Because of the establishment of permanent facilities in Central and West Contra Costa County, the County discontinued the Mobile Program for the 1999/2000 fiscal year. The discontinuation of the mobile program left East County residents without an option to properly dispose of non-recyclable HHW. This gap in service prompted the District, along with the participating jurisdictions, to set up a series of temporary collection events held at the existing recycle-only facility site. The temporary collection events allowed residents to dispose of non-recyclable HHW during one-day events held on a quarterly basis.

The high costs and infrequent service associated with temporary collection events made it clear that a more cost-effective and user-friendly option was needed to serve East Contra Costa County residents. In November 1999, the District and the participating jurisdictions applied for a CIWMB HHW Grant to fund the construction of a full-scale permanent household hazardous waste collection facility. The CIWMB awarded the District \$150,796 of the requested \$300,000 for the regional project.

To meet the need of East County residents, the District established an Interim Permanent HHW collection facility for the 2000/2001 fiscal year. The acquisition of additional shipping containers led the District to file a Permit-By-Rule Notification for the operation of an interim permanent HHW collection facility in September 2000. This allowed the District to collect most forms of acceptable HHW (except compressed gas cylinders, asbestos and railroad ties) from residents on a weekly basis while the full-scale permanent facility was being designed and constructed. The Interim Permanent Facility was open on Saturdays from 9:00 am to 1:00 pm. Construction of the new permanent facility was completed in March 2003 and the grand opening was held on April 4, 2003.

With the sunset of the residential universal waste exemption on February 8, 2006, it became illegal for residents to throw universal waste such as batteries, fluorescent bulbs and e-waste into the trash. To accommodate this increase in waste volume the District and participating jurisdictions elected to apply for another CIWMB HHW Grant to expand the facility. The District and partners were awarded a \$300,000 grant from the CIWMB on August 15, 2006. The expansion project included additional square footage, construction of a permanent reuse room, and other miscellaneous improvements. The expanded facility opened to the public on September 9, 2009.

HHW PROGRAM FUNDING

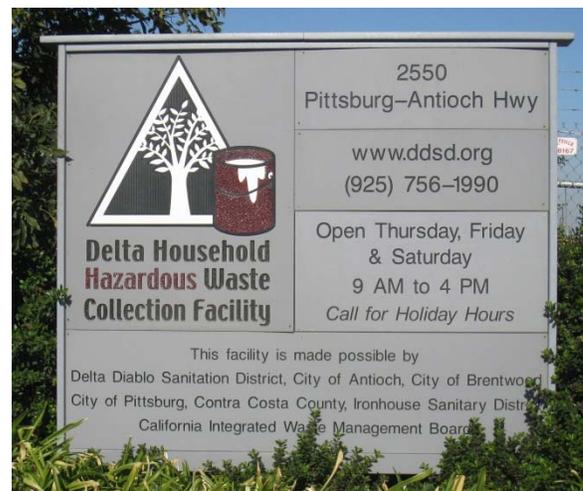
The District is under contract to provide HHW management services for the City of Antioch, the City of Brentwood, the City of Pittsburg, the City of Oakley and the unincorporated areas of East Contra Costa County. Operating costs are split between the jurisdictions based on the actual usage of the DHHWCF by residents from those jurisdictions. The expenditures for Antioch, Pittsburg and Bay Point are capped at \$124,000, \$75,000, and \$27,500 respectively; the District pays for any operating costs over and above the caps.

Capital costs for the design and construction of the DHHWCF (\$947,372.73 after the grant) are based on the number of housing units in each jurisdiction. Capital costs are amortized over a 15-year period with interest at 6% per annum. The facility expansion totaled \$415,168.87 after a \$300,000 grant. The original facility cost was combined with the expansion costs and the total is amortized over a 25-year period with interest at 6% per annum. The District is paying for the jurisdictions within its service area (Antioch, Pittsburg and Bay Point) and the remainder of the partners are paying their share.

CURRENT DHHWCF OPERATION

The DHHWCF accepts the full range of HHW (excluding radioactive waste and explosives) and expanded its hours to Thursdays, Fridays, and Saturdays from 9:00 am to 4:00 pm. While the facility is only open to the public for seven hours, technicians typically work an eight-hour day to accomplish all set-up and closing functions. The District manages the program by providing oversight of the contractors who operate the facility and conducting all program administration duties including permitting, reporting and contract administration.

Stericycle (formerly 21st Century Environmental Management of California, LP) currently holds the contract for Household Hazardous Waste Management Services at the DHHWCF. They are responsible for staffing the facility and handling a majority of the transportation and disposal of waste. Their contract currently runs from July 1, 2012 to June 30, 2021.



SPECIAL PROGRAMS

Electronic Waste

On February 8, 2006 when it became illegal for residents and small businesses to throw electronic waste (e-waste) in the trash. The HHW partners decided to explore the acceptance of e-waste at the DHHWCF as an additional e-waste disposal option for East County residents and small businesses.

Because of the newness of e-waste recycling industry and the number of variables that can affect program costs, the partners initially decided to charge customers for e-waste expenses for which there is no other funding source. This would give the program a chance to understand the e-waste market and collect data that would be valuable in determining future impacts to the HHW budget.

The facility began accepting electronic waste (e-waste) on May 15, 2006. The 2006/2007 fiscal year was the first full year of accepting e-waste. The following pricing structure was utilized to fund e-waste collection.

Waste Category	Description	Electronic Waste Recycling and Disposal Charge (EWRDC)
1	CRT monitors & TVs, LCD monitors & TVs, laptop computers, plasma TVs	No Charge
2	Small computer peripherals, portable electronic equipment, telephones, answering machines, cameras	\$1.00 per Item
3	Ink jet printers (including inkjet based all-in-ones), VCRs, DVD players/recorders, stereo equipment (excluding receivers/amplifiers), computer speakers, scanners, UPS devices	\$2.00 per Item
4	CPUs, office fax machines, A/V receivers/amplifiers, desktop printers/copiers/combos & microwave ovens	\$5.00 per Item
5	Large copiers/high-volume printers	\$0.20 per Pound

In April 2008, the District began utilizing a new e-waste recycler. The pricing from the new recycler allowed the District to accept all forms of electronic waste for no charge.

A summary of the e-waste program is included in the following table:

	Pounds of CEDs Collected	Pounds of UWEDs Collected	Total Pounds of E-waste Collected	Recycling Revenue (Expense)
2005/06	19,602	8,803	28,405	(\$780.10)
2006/07	94,123	54,148	148,270	(\$6,123.37)
2007/08	118,212	59,851	178,063	\$8,796.04
2008/09	152,347	113,954	266,301	\$32,474.14
2009/10	171,357	136,107	307,464	\$36,127.44
2010/11	174,773	143,392	318,165	\$36,316.17
2011/12	147,456	114,505	261,961	\$30,169.27
2012/13	138,757	92,793	231,550	\$32,009.97
2013/14	111,643	83,241	194,884	\$26,385.87
2014/15	134,771	92,568	227,339	\$31,082.72
2015/16	180,470	123,600	304,070	\$12,379.49
2016/17	166,761	125,906	292,667	\$8,999.61
2017/18	177,825	138,886	316,711	*\$5,758.63

*The 36% decrease in recycling revenue during 2017/18 was due to decreased e-waste market values.

Sharps

A total of 89 sharps containers were mailed to resident in East County residents during FY17/18, a 15% decrease from the previous fiscal year. The number of sharps containers mailed represents “new” residents utilizing the sharps program. The total pounds of sharps disposed increased by 1.58%. Sharps containers were distributed via mail to each jurisdiction as shown in the following table:

Jurisdiction	2006/07 #Sharps Ctns Mailed	2007/08 #Sharps Ctns Mailed	2008/09 #Sharps Ctns Mailed	2009/10 #Sharps Ctns Mailed	2010/11 #Sharps Ctns Mailed	2011/12 #Sharps Ctns Mailed
Antioch	62	71	96	130	75	86
Bay Point	8	8	19	13	6	9
Bethel Island	2	2	5	3	2	2
Brentwood	39	36	38	42	35	38
Byron	0	1	0	1	0	0
Disco. Bay	7	1	10	20	6	8
Knightsen	0	0	1	1	0	1
Oakley	21	3	25	26	37	28
Pittsburg	31	1	64	65	29	33
Total	170	166	258	301	200	205
Total Lbs. Disposed	577	963	2,510	4,140	6,120	7,800
Jurisdiction	2012/13 #Sharps Ctns Mailed	2013/14 #Sharps Ctns Mailed	2014/15 #Sharps Ctns Mailed	2015/16 #Sharps Ctns Mailed	2016/17 #Sharps Ctns Mailed	2017/18 #Sharps Ctns Mailed
Antioch	42	42	37	68	46	39
Bay Point	10	0	3	8	5	4
Bethel Island	3	1	1	1	1	1
Brentwood	34	12	14	23	24	8
Byron	1	0	0	0	0	0
Disco. Bay	9	9	0	0	3	2
Knightsen	2	0	0	0	1	0
Oakley	43	12	11	15	11	13
Pittsburg	33	17	28	23	14	22
Total	178	93	94	138	105	89
Total Lbs. Disposed	8,783	10,327	12,354	12,937	10,172	10,333

Sharps/Pharmaceutical Take Back

Delta Diablo has partnered with several local retail and non-profit establishments to collect sharps and pharmaceutical waste from residents. These take back locations offer additional convenience to residents through increased collection locations and operating hours. Current take back partners include:

Sharps:

- City Center Pharmacy in Pittsburg (regularly scheduled pick-ups)
- City Center Pharmacy in Brentwood (on-call pick-ups)

Pharmaceuticals:

- Office of Contra Costa County Supervisors Burgis
- Brighter Beginnings Family Health Clinic

This table shows DHHWCF's take back program for sharps and pharmaceuticals FY17/18. Disposal costs are funded through the HHW program.

Location	Sharps (pounds)	Pharmaceuticals (pounds)	Disposal Costs
City Center Pharmacy-Pittsburg	857	0	\$963.00
City Center Pharmacy-Brentwood	695	0	\$577.00
Office of Supervisor Diane Burgis	0	260	\$1,042.00
Brighter Beginnings Family Health Clinic	0	10	\$89.00
Total	1,552	270	\$2,671.00

Fluorescent Bulbs

Since mercury is a Pollutant of Concern in the San Francisco Bay, in 2003 the Regional Water Quality Control Board (RWQCB) put in a permit requirement for the District to implement an Advanced Mercury Source Reduction Project. Although the requirement specifically addressed fluorescent bulbs, the District sought to promote the proper management and disposal of all mercury-containing products including, but not limited to, mercury thermometers, thermostats, batteries and other novelty items. The District used the DHHWCF as the collection point for the waste received.

The District initially collected 600 pounds of fluorescent bulbs during the 2002/2003 fiscal year. The permit requirement was to increase the collection to 3,000 pounds in the 2005/2006 fiscal year. The District initiated an aggressive multi-media outreach campaign and well exceeded the goal of 3,000 pounds. In the 2005/2006 fiscal year the District collected and recycled 12,503 pounds fluorescent bulbs.

While the permit requirement has been satisfied, the District continues to collect fluorescent bulbs and mercury containing devices at the DHHWCF. In 2006, the District expanded its collection locations by partnering with the Contra Costa Clean Water Program to conduct a pilot program for the take-back of fluorescent bulbs and two local Orchard Supply Hardware (OSH) stores. The pilot program was so successful that the District continued to partner with the OSH's to collect bulbs after the end of the pilot program. In mid-2007, three additional Ace Hardware stores were added to the partnership

The table below shows the pounds collected over the life of the program. To date, the program has removed and estimated 9.48 pounds of mercury from the waste stream.

Fiscal Year	Note	DHHWCF (pounds)	Retail Take-Back (pounds)	Total Bulbs (pounds)	Estimated Pounds of Mercury
2000/01	Historical	295		295	0.01
2001/02	Historical	259		259	0.01
2002/03	Baseline	592		592	0.03
2003/04	Campaign Year 1	1,033		1,033	0.05
2004/05	Campaign Year 2	2,648		2,648	0.12
2005/06	Campaign Year 3	8,789	3,714	12,503	0.55
2006/07	Post Campaign	13,049	4,262	17,311	0.76
2007/08	Post Campaign	15,029	4,640	19,669	0.87
2008/09	Post Campaign	9,759	5,466	15,225	0.67
2009/10	Post Campaign	9,331	2,514	11,845	0.52
2010/11	Post Campaign	15,862	1,952	17,814	0.78
2011/12	Post Campaign	16,293	1,732	18,025	0.79
2012/13	Post Campaign	11,387	2,194	13,581	0.60
2013/14	Post Campaign	14,901	1,810	16,711	0.74
2014/15	Post Campaign	12,311	1,566	13,877	0.61

Fiscal Year	Note	DHHWCF (pounds)	Retail Take-Back (pounds)	Total Bulbs (pounds)	Estimated Pounds of Mercury
2015/16	Post Campaign	16,676	2,155	18,831	0.83
2016/17	Post Campaign	16,696	1,856	18,552	0.82
2017/18	Post Campaign	13,481	3,140	16,621	0.73
	Total	164,962	37,001	215,393	9.48

PUBLIC OUTREACH

The following table summarizes the public outreach efforts for FY17/18:

Description	Circulation/Quantity	Cost
General HHW Ad – Home and Garden Fall 2017 (9/5/17) ½ page ad, one week, all Brentwood Press papers	96,775 Papers/week	\$699.00
General DHHWCF Residential flyer reprints (9/6/17) 5,000 qty, Paper Tiger Ready Print	5,000 Papers/week	\$1,117.95
General HHW Ad – Living Green (8/11/17) ½ page ad, one week, all Brentwood Press papers	96,775 Papers/week	\$699.00
General HHW Ad – Brentwood Temp Event ½ page ad, Two weeks, all Brentwood Press papers	96,775 Papers/week	\$1,398.00
General HHW Ad – Welcome Magazine ½ page ad, 2018 Version		\$896.50
General HHW Ad – Oakley Temp Event ½ page ad, Two weeks, all Brentwood Press papers	96,775 Papers/week	\$1,398.00
General HHW Ad – Discovery Bay Temp Event ½ page ad, Three weeks, all Brentwood Press papers	96,775 Papers/week	\$2,097.00
Total		\$8,305.45

HHW Website

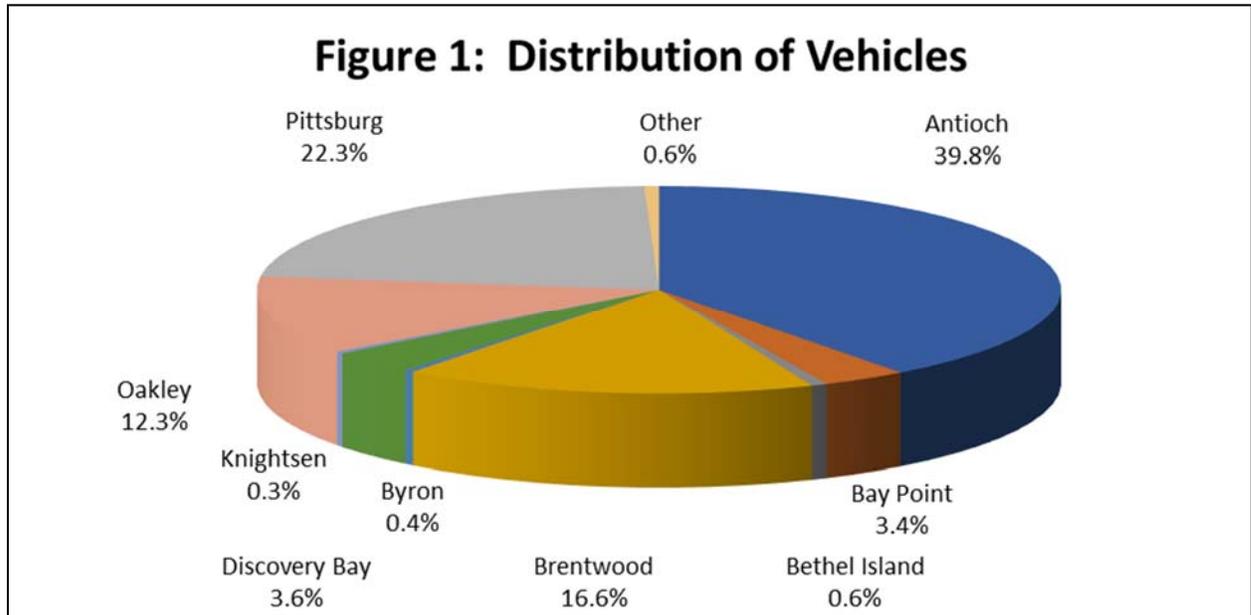
The public has access to general HHW facility, mercury, sharps, small business, and special event information at <http://www.deltadiablo.org/services/hhw>. The following table indicates the number of requests for the main HHW page per month. Note, the District launched a new website in September 2014 and was unable to access historical website usage data for the 2013/2014 fiscal year.

Mon.	10/11 Pageviews	11/12 Pageviews	12/13 Pageviews	13/14 Pageviews	14/15 Pageviews	15/16 Pageviews	16/17 Pageviews	17/18 Pageviews
Jul	NA	439	446	NA	NA	792	1,030	1,161
Aug	NA	400	543	NA	NA	795	943	1,116
Sep	NA	395	503	NA	NA	871	843	949
Oct	NA	365	481	NA	NA	910	791	1,013
Nov	NA	435	420	NA	256	749	830	939
Dec	NA	407	427	NA	323	745	805	826
Jan	214	485	542	NA	578	996	869	969
Feb	285	365	545	NA	428	863	674	938
Mar	304	447	580	NA	529	927	948	994
Apr	380	390	617	NA	496	885	1,020	1,065
May	360	533	596	NA	608	892	1,015	1,099
Jun	430	396	645	NA	642	997	945	1,197
Total	1,973+	5,057	6,345	NA	3,860+	10,422	10,713	12,236

PARTICIPATION SUMMARY

Vehicles by Jurisdiction

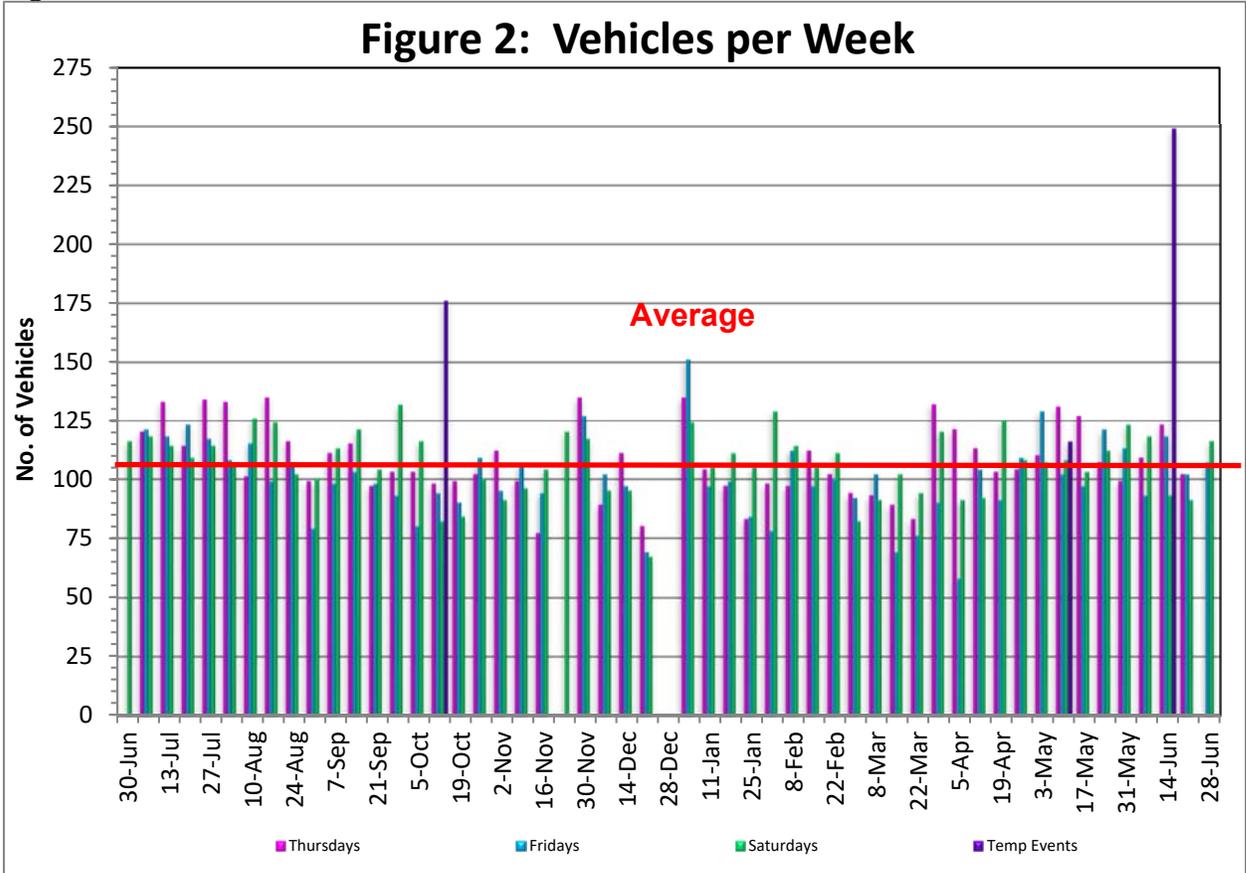
Figure 1 shows the distribution of vehicles per jurisdiction.



Jurisdiction	Q1	Q2	Q3	Q4	YTD	YTD%	HHW Total	E-waste Total	Grand Total
Antioch	1,797	1,398	1,642	1,730	6,567	39.77%	6,567	2,241	7,660
Brentwood	724	621	614	788	2,747	16.64%	2,747	1,060	3,219
County	318	261	278	520	1,377	8.34%	1,377	452	1,570
<i>Bay Point</i>	160	100	136	166	562	3.40%	562	181	644
<i>Bethel Island</i>	25	23	21	37	106	0.64%	106	41	130
<i>Byron</i>	14	18	14	17	63	0.38%	63	24	76
<i>Discovery Bay</i>	104	104	101	281	590	3.57%	590	191	657
<i>Knightsen</i>	15	16	6	19	56	0.34%	56	15	63
Oakley	536	450	536	514	2,036	12.33%	2,036	642	2,334
Pittsburg	1,073	764	865	986	3,688	22.33%	3,688	1,208	4,261
Other	41	17	24	16	98	0.59%	98	24	107
Total	4,489	3,511	3,959	4,554	16,513	100.00%	16,513	5,627	19,151

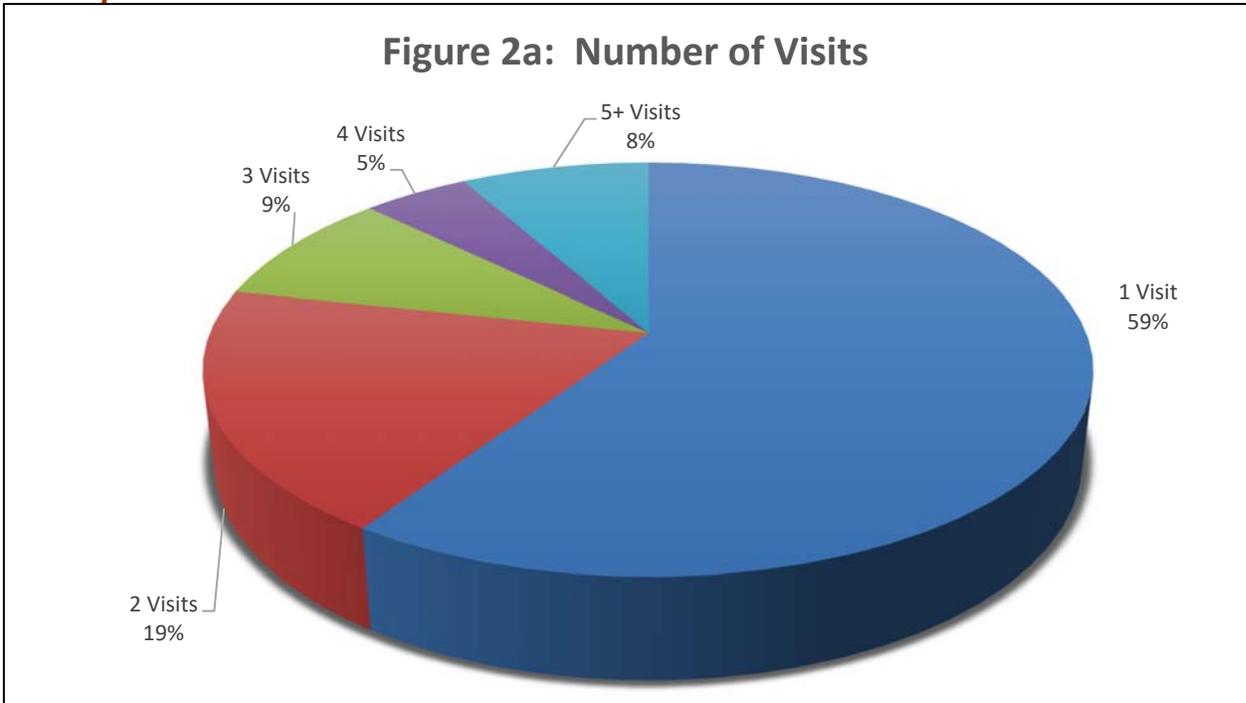
Vehicles by Week

Figure 2 shows the number of vehicles utilizing the DHHWCF per week. This count only includes vehicles that brought HHW. Customers who brought e-waste only are not included in Figures 2 or 2a.

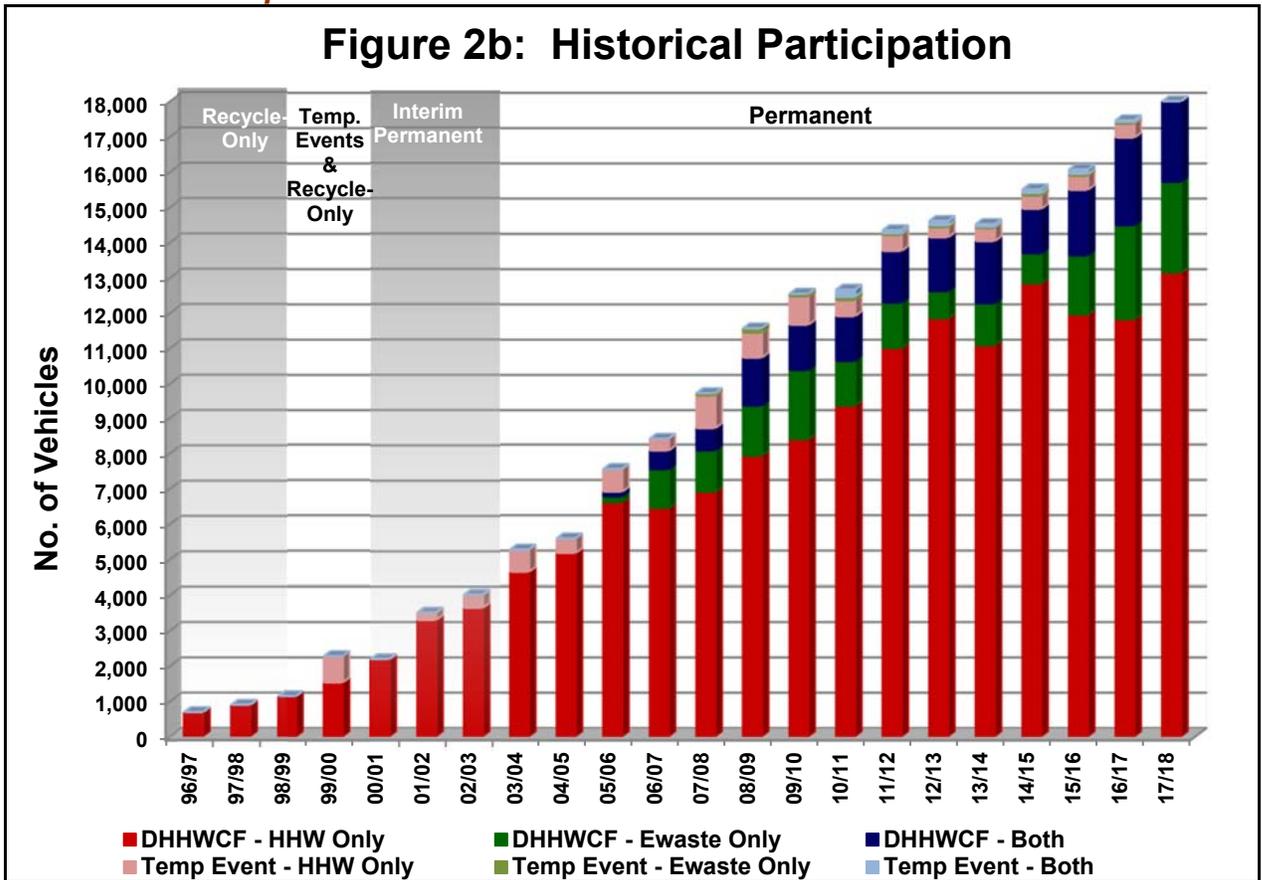


The average number of vehicles per week is 107 for Saturdays, 103 for Fridays, and 108 for Thursdays (HHW vehicles only, no e-waste)

Participation Statistics



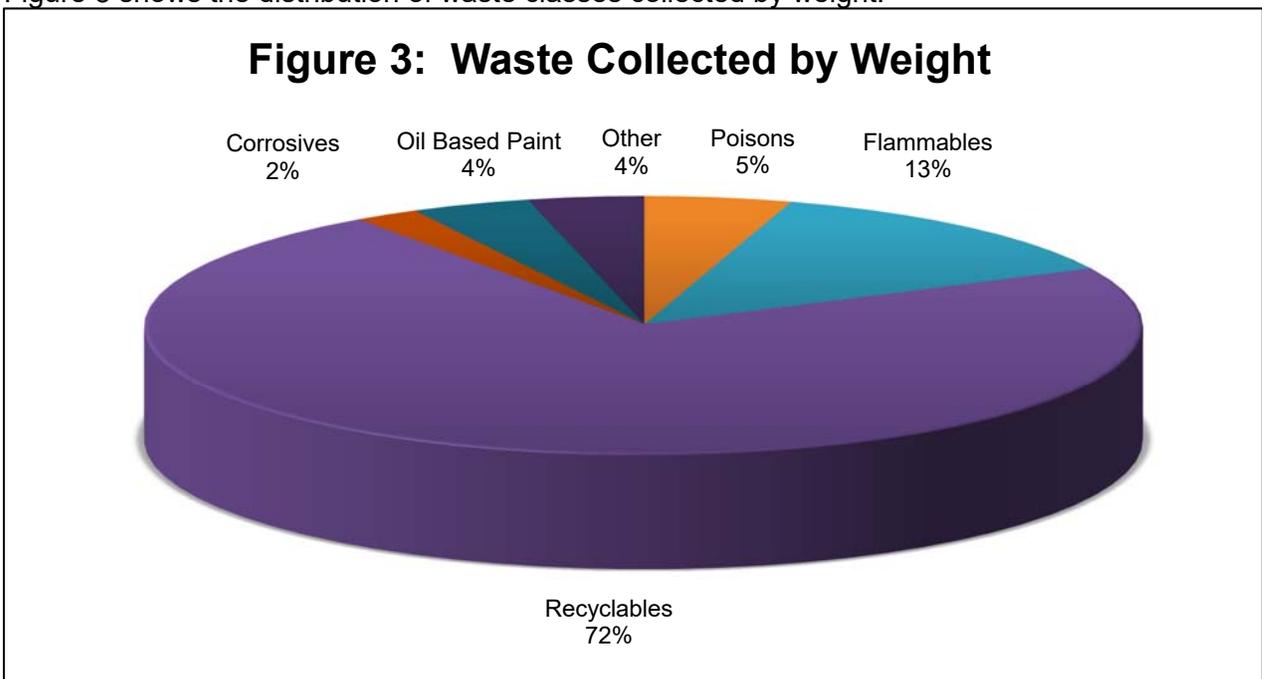
Historical Participation



COLLECTION SUMMARY

Waste by Weight

Figure 3 shows the distribution of waste classes collected by weight.



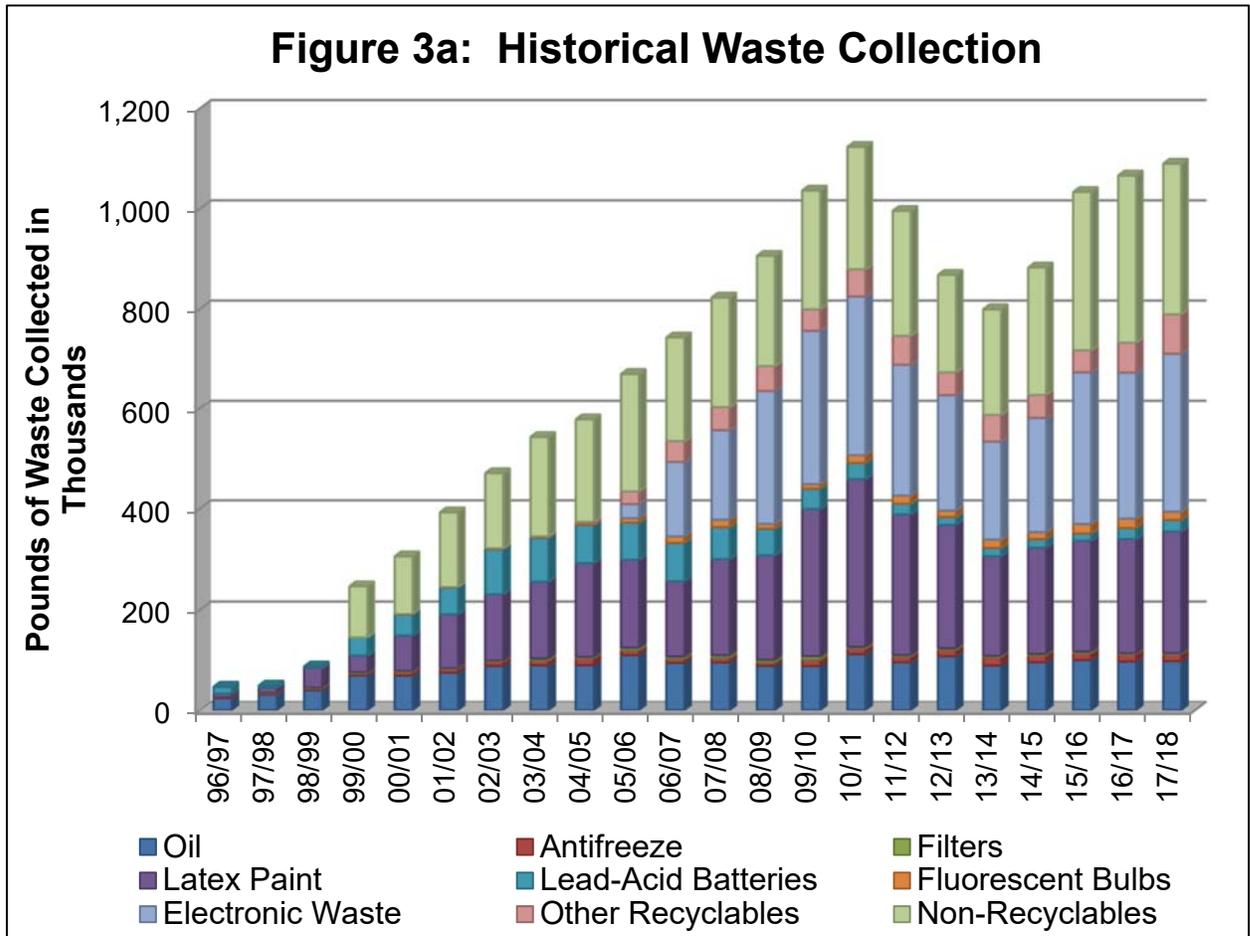
The following table shows the amount of hazardous waste collected through June 30, 2018, with the associated costs (transportation & disposal costs only, no associated labor or supplies). The pounds collected includes the weight of the container and packing material.

Description	DHHWCF Pounds Collected	Temp Event Pounds Collected	CESQG Pounds Collected	Retail Pounds Collected	Reuse Pounds Distributed	Total Pounds Disposed	Total Pounds Collected	Total Cost
Reclaimables								
Antifreeze	12,835.0	1,040.0	1,255.0		91.0	13,875.0	13,966.0	\$1,550.54
Auto Type Batteries	20,707.0	2,055.0	650.0			22,762.0	22,762.0	\$0.00
Latex Paint	210,435.0	18,600.0	10,305.0		11,923.0	229,035.0	240,958.0	\$0.00
Motor Oil/Oil Products	93,039.0	4,160.0	4,585.0		310.0	97,199.0	97,509.0	\$628.08
Used Oil Filters	1,874.0	53.0	156.0			1,927.0	1,927.0	\$466.40
Subtotal	338,890.0	25,908.0	16,951.0	0.0	12,324.0	364,798.0	377,122.0	\$2,645.02
Universal Waste								
Hg Containing Devices	0.0	0.0				0.0	0.0	\$0.00
Hg Containing Waste (other)	46.0	0.0	15.0			46.0	46.0	\$360.00
Fluorescent Tubes/Bulbs	15,852.0	769.0	3,258.0	3,140.0		16,621.0	16,621.0	\$21,831.44
Rechargeable Batteries	10,904.0	396.0	162.0			11,300.0	11,300.0	(\$565.00)
Other Batteries	23,134.0	1,904.0	4,454.0			25,038.0	25,038.0	\$18,749.48
Covered Electronic Devices	177,825.0	7,413.0	971.0			177,825.0	177,825.0	(\$28,489.78)
UWEDs	138,886.0	4,914.0	9,849.0			138,886.0	138,886.0	\$22,731.15
Empty Aerosol Containers	0.0	0.0				0.0	0.0	\$0.00
Other Universal Waste	0.0	0.0				0.0	0.0	\$0.00
Subtotal	366,647.0	15,396.0	18,709.0	3,140.0	0.0	369,716.0	369,716.0	\$34,617.29
Other Waste								
Home-generated Sharps	10,333.0	0.0		1,552.0		10,333.0	10,333.0	\$27,856.49
Pharmaceutical Waste	5,223.0	0.0		270.0		5,223.0	5,223.0	\$8,817.00
Compressed Gas Cylinders	17,082.0	649.0	809.0			17,731.0	17,731.0	\$15,254.00
Treated Wood	0.0	0.0				0.0	0.0	\$0.00
Non-UW Aerosols	17,846.0	1,050.0	164.0		161.0	18,896.0	19,057.0	\$22,263.00
Empty Drums	0.0	0.0				0.0	0.0	\$0.00
Cooking Oil	24,140.0	0.0	900.0			24,140.0	24,140.0	\$0.00
Subtotal	74,624.0	1,699.0	1,873.0	1,822.0	161.0	76,323.0	76,484.0	\$74,190.49
Non-Reclaimables								
Flammable Liquid/Solid	111,042.0	6,370.0	5,760.0		3,150.0	117,412.0	120,562.0	\$75,471.72
Bulked Flammable Liquids	21,003.0	470.0				21,473.0	21,473.0	\$6,966.00
Oil-based Paints	36,504.0	5,000.0	158.0		890.0	41,504.0	42,394.0	\$0.00

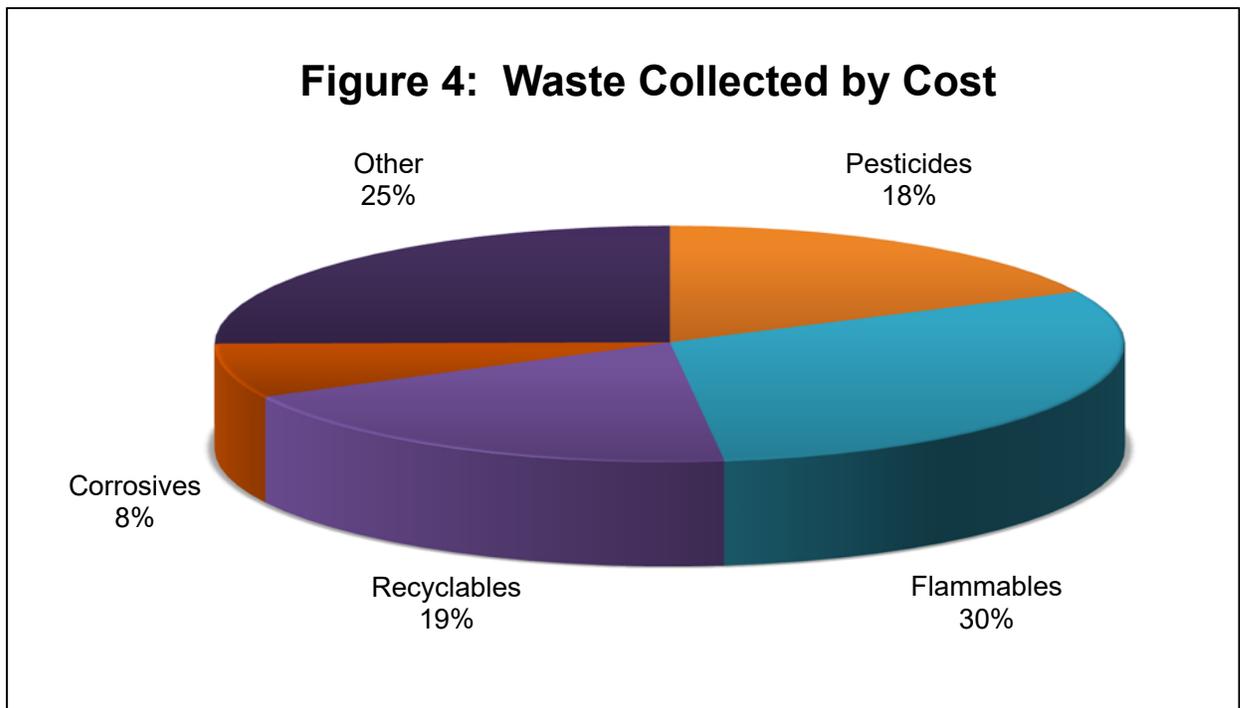
Description	DHHWCF Pounds Collected	Temp Event Pounds Collected	CESQG Pounds Collected	Retail Pounds Collected	Reuse Pounds Distributed	Total Pounds Disposed	Total Pounds Collected	Total Cost
Poisons	47,384.00	4,331.0	1,589.0		609.0	51,715.0	52,324.0	\$48,730.00
Reactive and Explosive	246.0	0.0				246.0	246.0	\$972.00
Acids	5,871.0	849.0	249.0		166.0	6,720.0	6,886.0	\$6,475.00
Bases	13,809.0	956.0			1,112.0	14,765.0	15,877.0	\$13,875.00
Oxidizers	2,928.0	523.0	413.0		190.0	3,451.0	3,641.0	\$6,888.45
PCB-containing Paint	0.0	0.0				0.0	0.0	\$0.00
Other PCB Waste	2,678.0	0.0	175.0			2,678.0	2,678.0	\$1,824.00
Asbestos	0.0	0.0				0.0	0.0	\$0.00
Subtotal	241,465.0	18,499.0	8,344.0	0.0	6,117.0	259,964.0	266,081.0	\$161,202.17
CESQG Revenue								(\$3,982.78)
Total	1,021,626.0	61,502.0	45,877.0	4,962.0	18,602.0	1,070,801.0	1,089,403.0	\$268,672.19

The average pounds of waste collected per vehicle was 47 pounds without e-waste and 57 pounds with e-waste (FY-To-Date).

Historical Waste Collection



COST SUMMARY
Waste by Cost



	Budget	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	YTD	% Rem.
District Salaries & Benefits	\$196,267.00	\$45,179.78	\$51,601.77	\$49,498.67	\$50,462.90	\$196,743.12	-0.24%
Transportation & Disposal	\$275,834.00	\$58,254.55	\$73,287.90	\$61,282.62	\$75,847.12	\$268,672.19	2.60%
Temp Events	\$21,218.00	\$0.00	\$4,659.00	\$0.00	\$11,226.00	\$15,885.00	25.13%
Contract Labor	\$197,327.00	\$47,432.00	\$38,940.50	\$45,374.00	\$38,687.50	\$170,434.00	13.63%
PR/Outreach	\$26,523.00	\$1,816.95	\$2,097.00	\$896.50	\$3,495.00	\$8,305.45	68.69%
Utilities	\$23,340.00	\$5,597.34	\$5,597.61	\$5,610.56	\$5,620.36	\$22,425.87	3.92%
Maintenance & Repairs	\$12,731.00	\$1,230.00	\$5,252.16	\$1,859.60	\$1,315.88	\$9,657.64	24.14%
Materials & Supplies	\$8,487.00	\$779.04	\$1,492.74	\$521.27	\$2,469.24	\$5,262.29	38.00%
Other Costs	\$12,731.00	\$1,267.30	\$0.00	\$0.00	\$5,970.00	\$7,237.30	43.15%
Total	\$774,458.00	\$161,556.96	\$182,928.68	\$165,043.22	\$195,094.00	\$704,622.86	9.02%

	Budget 17/18	Actual 16/17	Actual 17/18	% Change	Explanation
Admin Costs	\$196,267	\$183,803	\$196,743	7.04%	Increase primarily due to cost of living adjustments and increased District labor spent on repair and maintenance activities at the facility.
T&D	\$275,834	\$271,375	\$268,672	(1.00%)	
Temp. Events	\$21,218	\$14,397	\$15,885	10.34%	Due to 18.5% increase in participation
Contract Labor	\$197,327	\$167,440	\$170,434	1.79%	
PR	\$26,523	\$8,254	\$8,306	0.63%	
Utilities	\$23,340	\$21,812	\$22,426	2.81%	Due to annual rate increases
Maintenance	\$12,731	\$13,360	\$9,658	(27.71%)	
Materials & Supplies	\$8,487	\$2,168	\$5,262	142.71%	16/17 expenditures were unusually low
Other	\$12,731	\$7,354	\$7,237	(1.59%)	
Total w/E-waste	\$774,458	\$689,963	\$704,623	2.12%	
Total w/o E-waste	\$774,458	\$698,963	\$710,382	1.63%	
With E-waste					
Pounds		1,065,870	1,089,403	2.21%	
# Cars		17,465	19,151	9.65%	
Cost/Car		\$39.51	\$36.79	(6.88%)	
Lbs/Car		61.0	57.0	(6.79%)	
Without E-waste					
Pounds		773,203	772,692	(0.07%)	
# Cars		14,773	16,513	11.78%	
Cost/Car		\$47.31	\$43.02	(8.66%)	
Lbs/Car		52.3	46.8	(10.60%)	

Operating costs are split between the cities and the County according to the usage from each area.

Entity	Budget Allocation	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	YTD	% Rem.
Antioch	\$124,000.00	\$64,673.17	\$59,326.83	\$0.00	\$0.00	\$124,000.00	0.00%
Pittsburg	\$75,000.00	\$38,616.76	\$36,838.24	\$0.00	\$0.00	\$75,000.00	0.00%
Brentwood	\$136,769.28	\$26,056.41	\$32,355.09	\$25,596.50	\$33,758.03	\$117,766.03	13.89%
County	\$92,709.36	\$11,444.67	\$13,598.51	\$11,589.29	\$22,276.87	\$58,909.34	36.46%
District	\$256,064.78	\$1,475.57	\$17,819.29	\$105,512.60	\$117,039.27	\$241,846.73	5.55%
Oakley	\$89,914.57	\$19,290.38	\$23,445.72	\$22,344.83	\$22,019.83	\$87,100.76	3.13%
Total	\$774,458.00	\$161,556.96	\$182,928.68	\$165,043.22	\$195,094.00	\$704,622.86	9.02%

The average cost per vehicle comes to \$37 per vehicle. This price includes labor, supplies, other services, and transportation and disposal (with e-waste).

Historical Costs

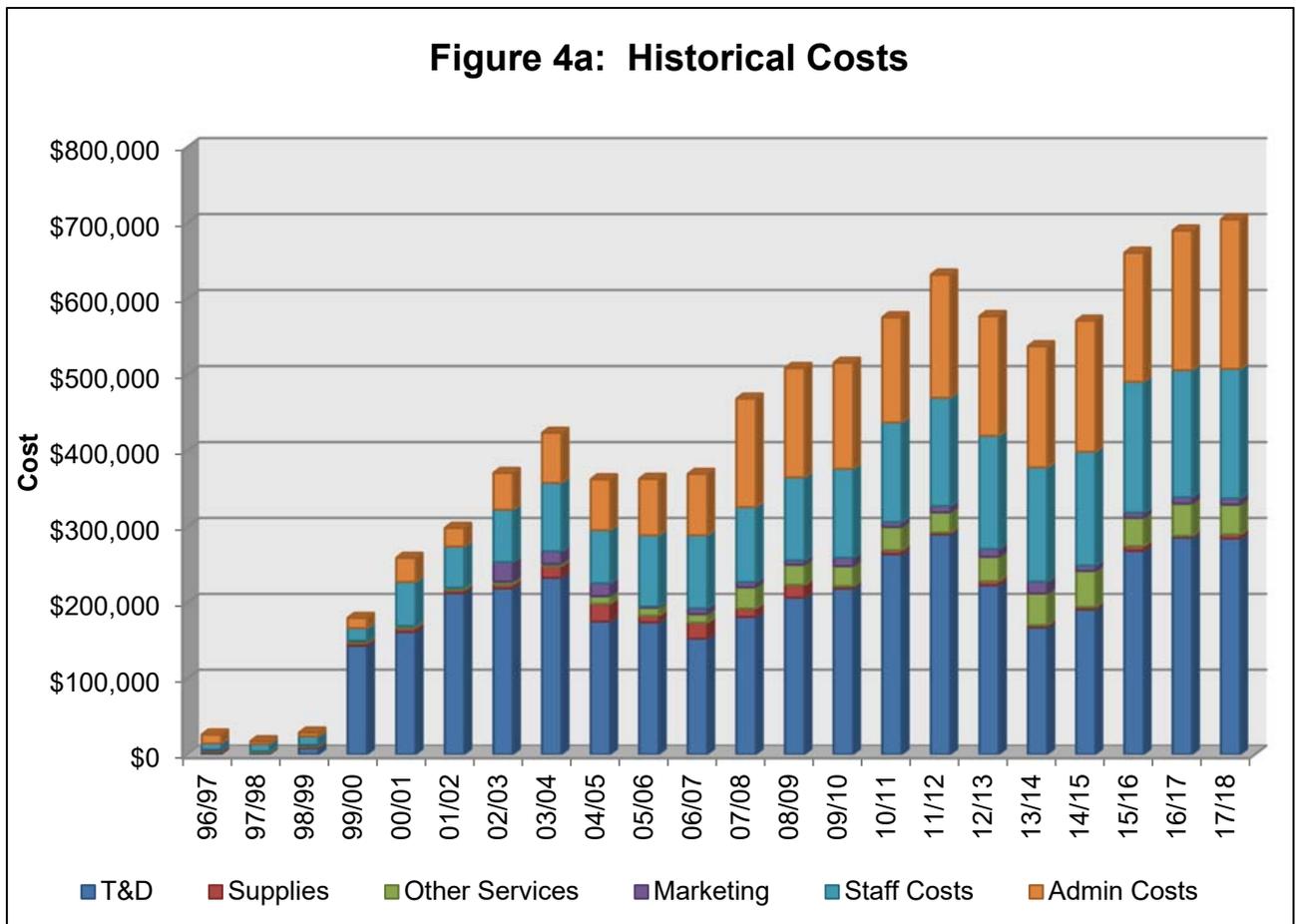
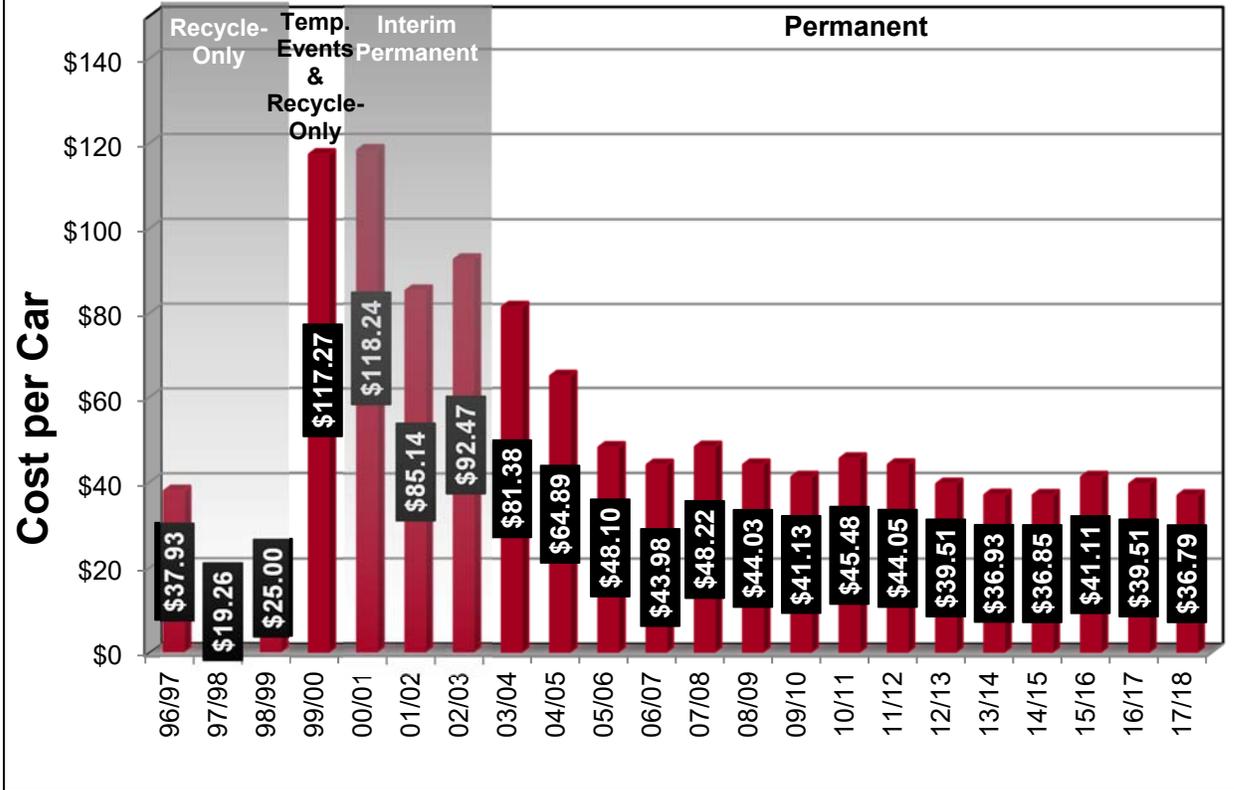


Figure 4b: Historical Cost Per Car



TEMPORARY COLLECTION EVENTS

The following table summarizes the temporary collection events for FY17/18:

Event Location EPA ID	Date	# Vehicles (prior year vehicles)	Pounds Collected	Cost
Brentwood – Transfer Station CAH 111 001 407	10/14/17	198 (158)	22,806	\$12,862.92
Oakley – Dupont Parking Lot CAH 111 001 131	05/12/18	140 (145)	11,773	\$9,745.61
Far East – Discovery Bay Elem. School CAH 111 001 174	06/16/18	246 (190)	26,952	\$16,995.69
Total		584 (493)	61,531	\$39,604.22

October 10, 2018

RECEIVE PRESENTATION ON SAFETY PROGRAMRECOMMENDATION

Receive informational presentation on the District's Safety Program.

Background Information

The Injury and Illness Prevention Program (IIPP) is the foundation for the District's Safety Program, which promotes the health and well-being of our employees, contractors, and the public through established procedures and safe work practices. Although the responsibility for safety belongs to everyone, the Safety Manager is responsible for administering the District's Safety Program and ensuring it is updated and compliant with California Occupational Safety and Health Administration (Cal/OSHA) requirements. Over the past year, the Safety Manager has focused on improving the instructional effectiveness of the health and safety training element of the IIPP. This focus area supports the Fiscal Year 2017/2018 Strategic Business Plan Initiative under Operational Excellence. In addition, the Safety Manager has focused on improving safety-related inspections.

Analysis

The District's comprehensive IIPP includes the eight required program elements highlighted below and is designed to prepare employees to recognize and avoid unsafe conditions while working near potentially hazardous conditions inherent in the wastewater industry.

1. Safety program responsibilities
2. Safety communication
3. Compliance with safe work practices
4. Hazard assessment, inspection, and control
5. Accident reporting and investigation
6. Process for reporting and correcting unsafe working conditions
7. Health and safety training requirements
8. Recordkeeping and documentation

In conjunction with the review of the IIPP, these program elements will be considered as part of the development and implementation of key performance indicators (KPIs) to guide Safety Program activities in the future. This improvement will provide an opportunity for the District to rely less on "lagging" indicators based solely on past performance when evaluating the safety performance by instead adopting "leading" indicators as a means to influence and continually improve the program.

Staff will present a brief review of the purpose of the IIPP and the eight required IIPP elements, an explanation of leading versus lagging indicators, and examples of leading activities.

Financial Impact

None

Attachments

None

Prepared by:


Mary Harvey
Safety Manager

Reviewed by:


Dean Eckerson
Resource Recovery Services Director

cc: District File No. SFTY.03-PROC1-XXXX

October 10, 2018

RECEIVE UPDATE ON SUCCESSION PLANNING AND TRAINING PROGRAMRECOMMENDATION

Receive Report on Succession Planning Update.

Background Information

In Fiscal Year 2017/2018 (FY17/18), the District completed the development of a Succession Planning Strategy to provide a strategic framework for addressing workforce development and business continuity needs. This effort was identified as a priority initiative as part of the FY17/18 Strategic Business Plan Initiative development process under the “Leadership” goal area of the District’s Strategic Plan based on a significant number of anticipated near-term staff retirements. An initial phase of the District’s Succession Planning Strategy is currently being implemented; in addition, staff continues to identify additional activities to support succession planning efforts as part of a second, future implementation phase.

Analysis

The primary goal of the initial phase of Succession Planning Strategy development was to identify critical positions within the organization (i.e., due to the unique nature of the position, specialized knowledge, existing staff transitional capabilities, etc.) that were also vulnerable to loss of significant institutional knowledge due to anticipated retirements in the near term. From a strategic standpoint, this would allow the District to plan, budget, and implement early recruitment efforts to allow overlap of new hires with incumbents to support the necessary transfer of critical knowledge and maintain effective business continuity. This methodical process included broad engagement with staff to identify the criticality of each position and the potential for vacancies in the next few years. A total of nine critical positions were identified for overlap of new and existing staff in the Board-adopted FY18/19 operating budget, which included \$200,000 to support this strategic focus area.

In addition, the initial phase included identifying staff member interest in competing for various critical positions across the District in future years. Six employees submitted “Position Interest Forms” for four of the nine critical positions. The management and supervisory team is currently working with interested staff members to develop “Employee Development Plans.” Although not a guarantee of future internal staff promotions, this effort will directly support the District’s interest in ensuring that existing staff are competitive and qualified candidates when these positions are available to be filled.

The second phase of the District’s Succession Planning Strategy will focus on developing knowledge retention plans for targeted application to support effective transitions following staff retirements. The goal of this effort will be to improve the District’s documentation of essential job functions, tasks, and experience. The District is also considering additional focus areas to support development of existing staff, including informal mentoring by more senior staff, peer-to-peer job “shadowing”, emphasizing coaching and mentoring in day-to-day interactions between managers/supervisors and staff, and enhancing staff training opportunities.



As part of the presentation to the Board, staff will highlight the District's training activities in relation to succession planning efforts and the Strategic Plan objective under the "Leadership" goal area to "Develop Future Leaders." In addition, the District is pursuing implementation of an electronic learning management system to better track and maintain each employee's training record and professional development needs.

The District is committed to emphasizing continuous improvement in its succession planning and training efforts and supporting a long-term, strategic approach to augment the current focus on near-term, anticipated position vacancies.

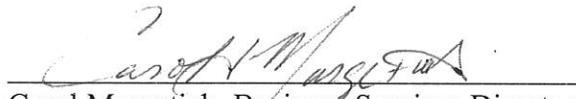
Financial Impact

The FY18/19 Budget includes \$200,000 to support early recruitments of anticipated vacant positions.

Attachments

None

Signature:



Carol Margetich, Business Services Director

cc: District File HR-XXX



ITEM J

October 10, 2018

RECEIVE MONTHLY LOBBYIST REPORT DATED SEPTEMBER 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 September 2018, which was produced by KA and distributed to members of the Western Recycled Water Coalition.

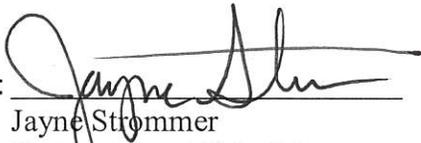
Financial Impact

None

Attachment

Monthly Report, September 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

September 28, 2018

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

Infrastructure: The Status

A round of staff meetings on Sept. 26 revealed no significant developments on a mega infrastructure initiative. The focus of the Congress continues to be on the Supreme Court nomination and FY19 appropriations bills. Even with a Continuing Resolution (CR), work continues on trying to finalize as many of the bills as possible to avoid another CR after Dec. 7. On top of this, Members are eager for the recess as elections grow closer. The House will definitely be adjourning as soon as possible. The Senate's schedule less clear. Notwithstanding that the infrastructure effort is basically on hold, we continue to press forward at meetings like these and other opportunities to urge support for a mega bill that is broad based in scope.

WRDA Reauthorization

Agreement was reached between House and Senate committees on a Water Resources Development Act (WRDA) bill. The bill passed on the House floor under suspension of rules, and the Senate is expected to pass it next week. To recap, the previous House version (H.R. 8) is an Army Corps-only, while the Senate version (S. 2800) is much broader. The Senate version also contains helpful funding programs, including modified versions of the Boozman/Feinstein SRF-WIN Act (S.2364) and of H.R. 5596 (Carbajal/Reed bill).

The version that has been agreed to can be found as S.3021 and is named "America's Water Infrastructure Act of 2018". It expands beyond the House version. It reauthorizes WIFIA, making it into a permanent program and authorizing \$50 M for each of FY 20 and FY21 (\$50 M can be leveraged to loan up to \$500 M/year). It provides additional language for state financing authorities – allowing 100% loans so long as the State is responsible for any defaults for this assistance. It does not include the full SRF WIN Act provisions, nor any of the Carbajal bill with the new EPA grant program, nor the language on "robust funding" for the SRF. It does include an entire title for Safe Drinking Water, including reauthorization of the Drinking Water SRF, but it does not reauthorize the Clean Water SRF. It is unclear now what bill may include CWSRF reauthorization – but that doesn't mean there won't continue to be CWSRF appropriations, as Congress has been working without a CWSRF reauthorization for many years. Much of this push

for the DWSRF and included drinking water programs in this bill is because of the Flint, Michigan, et al lead crisis.

Shuster Infrastructure Plan

To review, on July 11, Congressman Bill Shuster, Chair of the Transportation and Infrastructure Committee, released his infrastructure plan. In doing so, he said: “This discussion draft does not represent a complete and final infrastructure bill. It is meant to reignite discussions amongst my colleagues, and I urge all Members to be open-minded and willing to work together in considering real solutions that will give America the modern day infrastructure it needs. Over the coming weeks and months, I look forward to additional input from my Republican and Democratic colleagues in order to prepare a bill for congressional consideration.”

For section-by-section summary, see the following link-
<https://transportation.house.gov/building21/>

Other Bills

There are still the original Boozman/Feinstein SRF WIN and the Carbajal/Reed bills, both of which have bipartisan support. 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 (now with 7 sponsors) 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.

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.

We continue to monitor these and other bills that have been introduced that represent issues of interest to legislators and serve to position themselves for a future infrastructure bill. 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.

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 (SRF funding) which is currently in conference and expected to be finalized soon. It does not include the Energy and Water Appropriations Bill (Title XVI et al) which was signed into law on Sept. 21.

FY19 Interior Appropriations Bills

The bills are in conference and it is expected that agreement will be reached soon. 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.

Earmarks

Last November there was an effort in the House Republican caucus to bring back earmarks in a more limited way. While there was widespread support in the caucus for doing so, Speaker Ryan pushed back and suggested that the issue be addressed in the first or second quarters of this year. Pending that came the election of President Trump who has on more than one occasion expressed

support for earmarks. Last July, the House Rules Committee held a two-day hearing session on the issue. The Committee made no recommendation but referred the matter to the Republican and Democratic caucuses. Both caucuses discussed the issue but took no action. Following that was a lull – no additional action on the issue until a few weeks ago when in a news conference, the Speaker said that earmarks is something the caucus will likely “wrestle with” after the midterms. He also alluded to ongoing conversations with the House Democratic leadership on the issue. In that regard, we have confirmed that Democratic Minority Whip Steny Hoyer has drafted an outline proposal to bring earmarks back. No details are known yet.

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