

**AGENDA**  
**REGULAR BOARD OF DIRECTORS MEETING**  
**DELTA DIABLO**  
**(a California Special District)**

**2500 Pittsburg-Antioch Highway | Antioch, CA 94509**  
**WEDNESDAY, OCTOBER 9, 2019**  
**4:30 P.M.**

Persons who wish to address the Board during Public Comments or with respect to an item on the Agenda will be limited to three (3) minutes. The Board Chair may reduce the amount of time allotted per speaker at the beginning of each Item or Public Comments 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**

**Receive** Presentation of Utility of the Future Award from National Association of Clean Water Agencies (Dean Eckerson)

**E. CONSENT CALENDAR**

- 1) **Adopt** Resolution Commending and Congratulating Michael Auer, Environmental Compliance Specialist II, on his Retirement from the District (Darrell Cain)
- 2) **Approve** Minutes of Regular Board of Directors Meeting, September 11, 2019 (Cecelia Nichols-Fritzler)
- 3) **Receive** District Monthly Check Register, August 2019 (Eka Ekanem)

**F. DELIBERATION ITEMS**

- 1) **Adopt** Resolution to Fly District Flag at Half-Staff Commencing at Sunrise on October 10, 2019, for a Period of Seven Days in Memory of Leonard Pompa, Senior Operator, who Passed Away on September 24, 2019 (Dean Eckerson)
- 2) **Authorize** General Manager to Execute Consultant Services Contract in an Amount Not to Exceed \$1,504,943, Hazen and Sawyer, Engineering Services, Resource Recovery Facility Master Plan, Project No. 18120 (Brian Thomas)

**G. PRESENTATIONS AND REPORTS**

- 1) **Receive** Delta Household Hazardous Waste Collection Facility Fiscal Year 2018/2019 Report (Amanda Roa)
- 2) **Review and Comment** on Draft Strategic Communications Plan (Carol Margetich)

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

**H. MANAGER'S COMMENTS**

**I. DIRECTORS' COMMENTS**

**J. CORRESPONDENCE**

Receive Monthly Lobbyist Report dated September 2019, 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 is scheduled for November 13, 2019 at 4:30 pm.

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

ITEM D

October 9, 2019

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 be recognized for its outstanding industry leadership and progressive commitment to innovation and advancing resource efficiency and recovery. In late September, the District received the prestigious "Utility of the Future" national industry association award at the 2019 Water Environment Federation (WEF) annual conference along with 42 other honorees from across the country. This utility recognition program, initiated in 2016 by NACWA, WEF, the Water Research Foundation (WRF), and the WaterReuse Association recognizes the achievements of innovative water utilities that provide resilient, value-added, community services with a focus on community engagement, watershed stewardship, and recovery of resources such as water, energy, and nutrients. This is the second consecutive year that the District has received this prestigious award.

Analysis

The District's Utility of the Future vision embraces innovation, progressive leadership, and an organizational culture of continuous improvement to benefit the environment, maintain reasonable rates, and serve as responsible stewards of public resources and trust. In its award application, the District highlighted its long-standing history of sustainable biosolids management with a focus on regulatory compliance, quality control, regional collaboration, and industry engagement. Over the past eight years, the District has beneficially reused 97% of its biosolids through land application and composting. To ensure the long-term sustainability of this program, the District is continuing to participate in regional efforts to develop year-round biosolids management alternatives, foster partnerships to advance biosolids research, and inform key stakeholders.

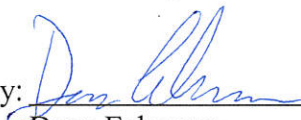
Financial Impact

None

Attachments

Copy of NACWA Utility of the Future Award

Prepared by:

  
Dean Eckerson

Resource Recovery Services Director

cc: District File



# CERTIFICATE OF RECOGNITION



September 2019

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

**Delta Diablo  
California**

**Area of Performance:  
Beneficial Biosolids Use**

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



  
**Peter Gravett**  
Chief Executive Officer Water  
Research Foundation



  
**Patricia L. Sinicropi, JD**  
Executive Director  
WaterReuse Association



**ITEM E/1**

October 9, 2019

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

RECOMMENDATION

Adopt Resolution commending and congratulating Mr. Michael Auer on his retirement from the District, effective October 22, 2019.

Background Information

Mr. Auer began his employment as an Environmental Compliance Specialist II on October 14, 2014.

Analysis

Mr. Auer recently announced his plans to retire on October 22, 2019, after serving the District for the past five years. He is a California Water Environment Association (CWEA) certified Environmental Compliance Inspector Grade II and CWEA certified Laboratory Analyst Grade I. The Laboratory Analyst Grade I certification allowed him to conduct periodic weekend laboratory sample analyses, including Biochemical Oxygen Demand (BOD) and Coliform testing.

Mr. Auer served in a lead role managing the District's Categorical Industrial Users (CIUs) and Significant Industrial Users (SIUs) and conducted stormwater inspections on behalf of the Cities of Antioch and Pittsburg. In addition, he taught fifth grade students and others the importance of protecting the environment through pollution prevention activities.

Mr. Auer intends to continue pursuing his love of baseball, as he takes the field at the San Francisco Giants Fantasy camp later this year.

Financial Impact

None

Attachments

Proposed Resolution

Prepared by:



Darrell Cain  
Laboratory Manager

cc: Michael Auer  
District File HR.01



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

Re: **Commending and Congratulating )**  
**Michael Auer on his )**  
**Retirement from the District )**

**RESOLUTION NO. xxx/2019**

THE BOARD OF DIRECTORS OF DELTA DIABLO HAS DETERMINED THAT:

WHEREAS, Mr. Auer has served the District since October 14, 2014, until his retirement on October 22, 2019, a period of five years; and

WHEREAS, during that period, he has served the District as an Environmental Compliance Specialist II; and

WHEREAS, Mr. Auer is a California Water Environment Association (CWEA) certified Environmental Compliance Inspector Grade II and CWEA certified Laboratory Analyst Grade I; and

WHEREAS, the Laboratory Analyst Grade I certification allowed him to conduct periodic weekend laboratory sample analyses; and

WHEREAS, Mr. Auer served in a lead role managing the District's Categorical Industrial Users (CIUs) and Significant Industrial Users (SIUs), and conducted stormwater inspections on behalf of the cities of Antioch and Pittsburg; and

WHEREAS, Mr. Auer taught fifth grade students and others the importance of protecting the environment through pollution prevention activities.

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

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

PASSED AND ADOPTED on October 9, 2019, by the following vote:

AYES:

ABSENT:

NOES:

ABSTAIN:

I HEREBY CERTIFY that the foregoing is a true and correct copy of a Resolution adopted by the Board of Directors of Delta Diablo on October 9, 2019.

ATTEST: Federal Glover  
Board Secretary

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

October 9, 2019

APPROVE MINUTES OF REGULAR BOARD OF DIRECTORS MEETING, SEPTEMBER 11, 2019

RECOMMENDATION

Approve Minutes of the Regular Board of Directors Meeting of September 11, 2019

**DRAFT**

**Minutes of the Regular Board of Directors Meeting  
September 11, 2019**

The meeting was called to order by Chair Sean Wright on Wednesday, September 11, 2019, at 4:32 p.m., in the Board Room, located at 2500 Pittsburg-Antioch Highway, Antioch. Present were Chair Wright, Director Juan Antonio Banales, and Director Federal Glover. Also present were Mary Ann Mason, District Counsel; Vince De Lange, General Manager; Cecelia Nichols-Fritzler, Office Manager/Secretary to the Board; Dean Eckerson, Resource Recovery Services Director; Brian Thomas, Engineering Services Director/District Engineer; Cheryl Rhodes Alexander, Human Resources and Risk Manager; Jayne Strommer, Government Affairs Manager; Thanh Vo, Senior Engineer; Joaquin Gonzalez, Operations Manager; Matt Gotshall, Computer Analyst/P&T Bargaining Unit Representative; Eka Ekanem, Senior Accountant; and Holland White, City of Pittsburg Councilmember and Supervisor's Aide for Special Projects, Office of Supervisor Federal D. Glover.

**PUBLIC COMMENTS**

None.

**RECOGNITION**

Receive Presentation of Silver Peak Performance Award from National Association of Clean Water Agencies (NACWA)

Mr. Gonzalez highlighted the District's receipt of the NACWA Silver Peak Performance Award, which recognizes water resource recovery facilities that achieve NPDES permit effluent discharge compliance with no more than five violations per calendar year. Mr. Gonzalez noted the District's exemplary regulatory compliance record with only one permit exceedance in 15 years. He highlighted the significant challenges, hard work, dedication and staff commitment to operational excellence throughout the organization associated with this achievement.

Chair Wright stated that the Board is very proud of staff for this achievement. Director Glover offered his congratulations and acknowledged staff for their commitment to the organization and level of professionalism.

## **CONSENT CALENDAR**

Prior to approval of the Consent Calendar, Director Banales stated he would abstain from Item E/1 Approve Minutes of Regular Board of Director Meeting, July 10, 2019, as he was absent from the meeting. Chair Wright called for a motion for approval of the Consent Calendar without Item E/1, Director Glover moved approval, seconded by Chair Wright, and by voice vote (Ayes: *Banales, Glover and Wright*; Noes: *None*, Absent: *None*; Abstain: *None*), the following consent items were approved according to staff recommendations: Approve Headworks Improvements Project and Determination that the Project is Categorically Exempt under California Environmental Quality Act (CEQA) Guidelines Class 1 and Class 2 and Authorize General Manager to File CEQA Notice of Exemption with Contra Costa County Clerk-Recorder and State Clearinghouse, Headworks Improvements, Project No. 17117; Approve Sodium Bisulfite Tank and Chemical Building Replacement Project and Determination that the Project is Categorically Exempt under CEQA Guidelines Class 1 and Class 2; Authorize General Manager to File CEQA Notice of Exemption with Contra Costa County Clerk-Recorder and State Clearinghouse; and Authorize General Manager to Execute Amendment No. 1 in an Amount Not to Exceed \$30,250, Drake Haglan and Associates, Inc., Engineering Services, Sodium Bisulfite Tank and Chemical Building Replacement, Project No. 17139; Receive District Monthly Check Registers, June and July 2019; Receive Fourth Quarter Fiscal Year 2018/2019 District Investment Report; Receive Fiscal Year 2018/19 Report on Surplus District Property; Receive Annual Report on Capital Facilities Capacity Charge Collections Fiscal Year 2018/2019; Approve Minutes of Regular Board of Directors Meeting, October 11, 2017; Approve Minutes of Regular Board of Directors Meeting, May 9, 2018.

Chair Wright called for a motion for approval of the Consent Calendar, with Item E/1 Approve Minutes of Regular Board of Director Meeting, July 10, 2019. Director Glover moved approval, seconded by Chair Wright, and by voice vote (Ayes: *Glover and Wright*; Noes: *None*, Absent: *None*; Abstain: *Banales*), the following consent items were approved according to staff recommendations: Approve Minutes of Regular Board of Directors Meeting, July 10, 2019.

## **DELIBERATION ITEMS**

None.

## **PRESENTATIONS AND REPORTS**

Review and Comment on District Strategic Business Plan Initiatives for Fiscal Year 2019/2020  
Mr. Eckerson highlighted the completion status of FY18/19 initiatives in the areas of Financial Sustainability, Leadership, Operational Excellence, Workplace Innovation, and Stakeholder Engagement. He noted the District has completed 11 of 15 initiatives with four items either ongoing or part of multi-year efforts. In addition, Mr. Eckerson presented 15 proposed initiatives for FY19/20, which include conducting comprehensive infrastructure condition assessment, developing a near-term nutrient management strategy, completing a cost-of-service study, providing change-management training, initiating implementation of a risk-based Asset Management Program, conducting a vulnerability assessment, expanding use of information technology, and enhancing public information materials. He noted that the District will begin updating the overall Strategic Business Plan in early 2020 with active staff engagement and consideration of management leadership and direction.



Chair Wright thanked Mr. Eckerson for the presentation. Director Banales commended staff on the FY19/20 initiatives, noting the wide range of activities, focus on technology, and risk-based asset management. He commented that this will achieve positive results for the District and that he looks forward to future staff engagement.

#### **MANAGER'S COMMENTS**

None.

#### **DIRECTORS' COMMENTS**

Director Glover reported he attended the California Association of Sanitation Agencies (CASA) Annual Conference in late August to stay abreast of wastewater industry practices and issues. Chair Wright reported he will be absent from the October 9, 2019, Board meeting and his alternate will be in attendance.

#### **CORRESPONDENCE**

Receive Monthly Lobbyist Reports dated July and August 2019, Key Advocates, Inc., Western Recycled Water Coalition, Project No. 90024.

The Board received and filed the report.

#### **CLOSED SESSION**

District Counsel stated that the Board would be going into Closed Session regarding two items: discussing anticipated litigation involving an employment discrimination claim; a conference with Labor Negotiators. Chair Wright adjourned to Closed Session at 5:01 p.m. Chair Wright reconvened to open session at 5:41 p.m. and stated there was nothing to report.

#### **ADJOURNMENT**

Chair Wright adjourned the meeting at 5:41 p.m. The next regular meeting of the Board of Directors is scheduled for Wednesday, October 9, 2019, at 4:30 p.m.

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Federal Glover  
Board Secretary

(Recording Secretary:  
Cecelia Nichols-Fritzler)

October 9, 2019

RECEIVE DISTRICT MONTHLY CHECK REGISTER, AUGUST 2019

RECOMMENDATION

Receive District Monthly Check Register for the month ending August 31, 2019.

Background Information

The Check Register for the month of August 2019 is attached. This report reflects payments to the District's suppliers, consultants, service providers, and contractors. A total of \$1,550,736.35 was disbursed in the month of August 2019, which includes 191 checks.

Financial Impact

All payments made during the month are within funding levels included in the adopted operating and capital budgets for Fiscal Year 2019/2020.

Attachment

Check Register, month ending August 31, 2019

Prepared by:   
Eka Ekanem  
Senior Accountant

Reviewed by:   
Carol Margetich  
Business Services Director



**CHECK REGISTER**

**DELTA DIABLO**

CASH DISBURSEMENTS FOR THE MONTH OF AUGUST 2019

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO. INVOICE AMOUNT	CHECK AMOUNT DESCRIPTION
8/1/2019	<b>AT&amp;T</b>		<b>32123</b>	<b>1,160.17</b>
		48321	1,160.17	PHONE EXP
8/1/2019	<b>BARNETT MEDICAL SERVICES, LLC</b>		<b>32124</b>	<b>78.00</b>
		48235	78.00	SHARPS/PHARMACEUTICAL DISPOSAL
8/1/2019	<b>BAY AREA NEWS GROUP</b>		<b>32125</b>	<b>2,480.40</b>
		48340	2,480.40	PUBLIC NOTICES
8/1/2019	<b>CALIFORNIA PRODUCT STEWARDSHIP COU</b>		<b>32126</b>	<b>5,000.00</b>
		48236	5,000.00	M&D (DISTRICT WIDE)
8/1/2019	<b>CINTAS CORPORATION # 38K</b>		<b>32127</b>	<b>4,859.30</b>
		44794	428.88	STOP GAP COVERAGE FOR LINEN SE
		44795	20.70	UNIFORM/LAUNDRY SERVICE AGREEM
		44810	375.55	STOP GAP COVERAGE FOR LINEN SE
		44865	20.70	UNIFORM/LAUNDRY SERVICE AGREEM
		46822	389.08	STOP GAP COVERAGE FOR LINEN SE
		46823	355.65	STOP GAP COVERAGE FOR LINEN SE
		46824	389.08	STOP GAP COVERAGE FOR LINEN SE
		46825	355.65	STOP GAP COVERAGE FOR LINEN SE
		46826	20.70	STOP GAP COVERAGE FOR LINEN SE
		46827	389.08	STOP GAP COVERAGE FOR LINEN SE
		46828	355.65	STOP GAP COVERAGE FOR LINEN SE
		46829	20.70	STOP GAP COVERAGE FOR LINEN SE
		48101	389.08	STOP GAP COVERAGE FOR LINEN SE
		48102	375.55	STOP GAP COVERAGE FOR LINEN SE
		48103	20.70	STOP GAP COVERAGE FOR LINEN SE
		48104	389.08	STOP GAP COVERAGE FOR LINEN SE
		48105	542.77	STOP GAP COVERAGE FOR LINEN SE
		48106	20.70	STOP GAP COVERAGE FOR LINEN SE
8/1/2019	<b>CONCENTRA/OCCUPATIONAL HEALTH CENT</b>		<b>32128</b>	<b>316.00</b>
		48323	316.00	PRE EMPLOYMENT COST
8/1/2019	<b>CONSTRUCTION TESTING SERVICES</b>		<b>32129</b>	<b>5,959.09</b>
		48329	5,959.09	MATERIALS TESTING SERVICES PN
8/1/2019	<b>CONTRACT SWEEPING SERVICES</b>		<b>32130</b>	<b>27,961.84</b>
		48113	27,961.84	STREET SWEEPING
8/1/2019	<b>CSRMA</b>		<b>32131</b>	<b>593.60</b>
		48328	593.60	CLAIMS PAID
8/1/2019	<b>DEPT OF GENERAL SERVICES</b>		<b>32132</b>	<b>14,584.77</b>

<b>CHECK DATE</b>	<b>VENDOR NAME</b>	<b>INVOICE NO.</b>	<b>CHECK NO.</b>	<b>CHECK AMOUNT</b>	<b>CHECK AMOUNT DESCRIPTION</b>
		48339		14,584.77	UTILITIES
<b>8/1/2019</b>	<b>DLT SOLUTIONS</b>		<b>32133</b>	<b>5,736.73</b>	
		48237		5,736.73	AUTOCAD RENEWAL
<b>8/1/2019</b>	<b>FEDERAL EXPRESS</b>		<b>32134</b>	<b>30.04</b>	
		48324		30.04	OE - POSTAGE
<b>8/1/2019</b>	<b>FRESCHI AIR SYSTEMS</b>		<b>32135</b>	<b>1,720.00</b>	
		48360		1,720.00	POC ANNUAL SERVICE AGREEMENT
<b>8/1/2019</b>	<b>HDR ENGINEERING, INC.</b>		<b>32136</b>	<b>4,487.51</b>	
		48361		4,487.51	EAST COUNTY BIOENERGY PROJECT
<b>8/1/2019</b>	<b>LINKO TECHNOLOGY INC</b>		<b>32137</b>	<b>23,600.00</b>	
		48317		23,600.00	COMP SOFTWARE
<b>8/1/2019</b>	<b>MCKENDRY DOOR SALES</b>		<b>32138</b>	<b>1,920.00</b>	
		48343		1,920.00	DISTRICT GATE SERVICE
<b>8/1/2019</b>	<b>MEYERS NAVE</b>		<b>32139</b>	<b>1,799.28</b>	
		48122		1,799.28	LEGAL SERVICES
<b>8/1/2019</b>	<b>PACIFIC GAS &amp; ELECTRIC COMPANY</b>		<b>32140</b>	<b>45,741.09</b>	
		48335		45,741.09	UTILITIES
<b>8/1/2019</b>	<b>CITY OF PITTSBURG</b>		<b>32141</b>	<b>595.24</b>	
		48320		595.24	UTILITIES
<b>8/1/2019</b>	<b>CITY OF PITTSBURG</b>		<b>32142</b>	<b>21,745.10</b>	
		48363		21,745.10	STREET SWEEPING - PITTSBURG
<b>8/1/2019</b>	<b>PUBLIC EMPLOYEES UNION</b>		<b>32143</b>	<b>1,845.03</b>	
		3163350		1,845.03	UNION DUES P&T
<b>8/1/2019</b>	<b>PUBLIC EMPLOYEES UNION</b>		<b>32144</b>	<b>4,248.89</b>	
		3163250		4,248.89	UNION DUES O&M
<b>8/1/2019</b>	<b>CA STATE DISBURSEMENT UNIT</b>		<b>32145</b>	<b>750.00</b>	
		CS9648286		750.00	GARNISHMENT
<b>8/1/2019</b>	<b>STATE OF CALIFORNIA</b>		<b>32146</b>	<b>325.00</b>	
		4461724		325.00	INCOME TAX WITHHOLDING ORDER
<b>8/1/2019</b>	<b>STERICYCLE ENVIRONMENTAL SOLUTIONS</b>		<b>32147</b>	<b>20,152.20</b>	
		48336		10,857.64	HHW TRANSPORTATION/DISPOSAL/LA
		48337		9,294.56	HHW TRANSPORTATION/DISPOSAL/LA
<b>8/1/2019</b>	<b>THE TRAILER SPECIALIST, INC</b>		<b>32148</b>	<b>14,601.10</b>	
		48368		14,601.10	DUMP TRAILER
<b>8/1/2019</b>	<b>TRANSENE COMPANY, INC.</b>		<b>32149</b>	<b>3,016.22</b>	
		48266		3,016.22	INVENTORY
<b>8/1/2019</b>	<b>TURBO MACHINERY, INC</b>		<b>32150</b>	<b>36,414.37</b>	
		48276		11,256.01	AERATION BASIN REHABILITATION
		48332		25,158.36	TEAR DOWN AND INSPECT P101/ 10
<b>8/1/2019</b>	<b>UNIVAR USA INC</b>		<b>32151</b>	<b>10,865.97</b>	

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
		48127		4,231.83	SODIUM BISULFITE
		48243		3,317.66	SODIUM HYPOCHLORITE
		48244		3,316.48	SODIUM HYPOCHLORITE
<b>8/1/2019</b>	<b>WUNDERLICH-MALEC</b>		<b>32152</b>	<b>50,025.00</b>	
		48330		50,025.00	PPS PLC IMPROVEMENTS PN 18114
<b>8/8/2019</b>	<b>ALHAMBRA &amp; SIERRA SPRGS WATER</b>		<b>32153</b>	<b>446.12</b>	
		48463		446.12	BOTTLED WATER SERVICE
<b>8/8/2019</b>	<b>CHEMTRADE CHEMICALS US LLC</b>		<b>32154</b>	<b>6,735.70</b>	
		48291		3,248.98	ALUMINUM SULFATE
		48322		3,486.72	ALUMINUM SULFATE
<b>8/8/2019</b>	<b>COLLICUTT ENERGY SERVICES, INC.</b>		<b>32155</b>	<b>3,841.28</b>	
		48304		3,841.28	INSTALL NEW RACOR WATER SEPERA
<b>8/8/2019</b>	<b>CONCENTRA/OCCUPATIONAL HEALTH CENT</b>		<b>32156</b>	<b>49.00</b>	
		48443		49.00	PRE EMPL COSTS
<b>8/8/2019</b>	<b>VINCENT DE LANGE</b>		<b>32157</b>	<b>28.07</b>	
		48390		28.07	T&M
<b>8/8/2019</b>	<b>FEDERAL EXPRESS</b>		<b>32158</b>	<b>60.71</b>	
		48422		60.71	OE - POSTAGE
<b>8/8/2019</b>	<b>MICHAEL CRAMBLIT FOSTER</b>		<b>32159</b>	<b>1,334.23</b>	
		48358		1,334.23	REPLACEMENT CHECK BALLS P12211
<b>8/8/2019</b>	<b>FRONTIER ANALYTICAL LABORATORY</b>		<b>32160</b>	<b>3,300.00</b>	
		48270		1,650.00	LAB ANALYSIS FOR ANTIOCH WATER
		48271		1,650.00	LAB ANALYSIS FOR ANTIOCH WATER
<b>8/8/2019</b>	<b>GOLDEN STATE WATER CO.</b>		<b>32161</b>	<b>1,988.33</b>	
		48381		730.43	UTILITIES
		48382		1,257.90	UTILITIES
<b>8/8/2019</b>	<b>GRAINGER</b>		<b>32162</b>	<b>5,475.35</b>	
		48288		2,503.43	INVENTORY
		48289		1,429.59	INVENTORY
		48306		292.73	INVENTORY
		48307		181.59	INVENTORY
		48308		184.98	INVENTORY
		48309		883.03	INVENTORY
<b>8/8/2019</b>	<b>IN SHAPE HEALTH CLUBS</b>		<b>32163</b>	<b>1,038.00</b>	
		48461		1,038.00	AUGUST GYM FEES
<b>8/8/2019</b>	<b>KEMIRA WATER SOLUTIONS, INC.</b>		<b>32164</b>	<b>6,275.27</b>	
		48452		6,275.27	FERROUS CHLORIDE
<b>8/8/2019</b>	<b>LARRY WALKER ASSOCIATES</b>		<b>32165</b>	<b>2,552.00</b>	
		48362		2,552.00	NPDES PERMIT REISSUANCE ASSIST
<b>8/8/2019</b>	<b>ELIJAH LOSOYA</b>		<b>32166</b>	<b>174.75</b>	

<b>CHECK DATE</b>	<b>VENDOR NAME</b>	<b>INVOICE NO.</b>	<b>CHECK NO.</b>	<b>CHECK AMOUNT</b>	<b>DESCRIPTION</b>
		48444		174.75	SAFETY SHOES
<b>8/8/2019</b>	<b>ANGELA LOWREY</b>		<b>32167</b>	<b>35.96</b>	
		48456		35.96	T&M
<b>8/8/2019</b>	<b>MANAGED HEALTH NETWORK</b>		<b>32168</b>	<b>411.95</b>	
		48392		411.95	EAP
<b>8/8/2019</b>	<b>MCCAMPBELL ANALYTICAL, INC.</b>		<b>32169</b>	<b>2,043.60</b>	
		48393		755.40	LABORATORY SERVICES FOR PRETRE
		48395		266.40	LABORATORY SERVICES FOR PRETRE
		48396		755.40	LABORATORY SERVICES FOR PRETRE
		48399		266.40	LABORATORY SERVICES FOR PRETRE
<b>8/8/2019</b>	<b>MDRR PITTSBURG</b>		<b>32170</b>	<b>2,061.55</b>	
		48464		2,061.55	WASTE
<b>8/8/2019</b>	<b>MSC INDUSTRIAL SUPPLY CO. INC.</b>		<b>32171</b>	<b>3,500.47</b>	
		48331		3,500.47	Temporary Speed Hump Materials
<b>8/8/2019</b>	<b>OFFICE DEPOT</b>		<b>32172</b>	<b>1,269.96</b>	
		48344		255.54	OFFICE SUPPLIES
		48345		808.30	OFFICE SUPPLIES
		48346		89.34	OFFICE SUPPLIES
		48347		21.19	OFFICE SUPPLIES
		48348		95.59	OFFICE SUPPLIES
<b>8/8/2019</b>	<b>PACIFIC GAS &amp; ELECTRIC COMPANY</b>		<b>32173</b>	<b>403.24</b>	
		48458		345.15	UTILITIES
		48459		58.09	UTILITIES
<b>8/8/2019</b>	<b>PHIL'S DIESEL CLINIC INC.</b>		<b>32174</b>	<b>325.00</b>	
		48364		325.00	HEAVY DUTY TRUCK REPAIR(S)
<b>8/8/2019</b>	<b>PLATT ELECTRIC SUPPLY INC</b>		<b>32175</b>	<b>9,078.49</b>	
		48365		9,078.49	SAPS REPLACEMENT VFD FOR P1201
<b>8/8/2019</b>	<b>QUENVOLD'S</b>		<b>32176</b>	<b>1,976.36</b>	
		48301		1,976.36	SAFETY SHOES - VARIOUS STAFF
<b>8/8/2019</b>	<b>READY PRINT</b>		<b>32177</b>	<b>2,805.54</b>	
		48318		2,805.54	HHW BROCHURE PRINTING
<b>8/8/2019</b>	<b>RED WING SHOE STORE 165</b>		<b>32178</b>	<b>175.00</b>	
		48274		175.00	SAFETY SHOES - S. BAPTISTA
<b>8/8/2019</b>	<b>REDWOOD PAINTING CO</b>		<b>32179</b>	<b>28,404.80</b>	
		48353		24,416.80	ON CALL COATING AND PAINTING
		48354		3,988.00	ON CALL PAINTING AND COATING/
<b>8/8/2019</b>	<b>STANDARD INSURANCE COMPANY</b>		<b>32180</b>	<b>3,819.46</b>	
		48421		3,819.46	LIFE INSURANCE
<b>8/8/2019</b>	<b>SYSTEM 1 STAFFING</b>		<b>32181</b>	<b>3,514.00</b>	
		48451		3,514.00	O/S TEMP

<b>CHECK DATE</b>	<b>VENDOR NAME</b>	<b>INVOICE NO.</b>	<b>CHECK NO.</b>	<b>CHECK AMOUNT</b>	<b>DESCRIPTION</b>
8/8/2019	<b>THERMO ELECTRON NORTH AMERICA LLC</b>		<b>32182</b>	<b>3,941.00</b>	
		48300	3,941.00		MAINTENACE AND SUPPORT PLAN FO
8/8/2019	<b>TURBO MACHINERY, INC</b>		<b>32183</b>	<b>17,371.48</b>	
		48310	17,371.48		AERATION BASIN REHABILITATION
8/8/2019	<b>UNIFIRST CORPORATION</b>		<b>32184</b>	<b>740.03</b>	
		48433	132.49		UNIFORM/ LAUNDRY SERVICE
		48434	31.75		UNIFORM/ LAUNDRY SERVICE
		48436	31.75		UNIFORM/ LAUNDRY SERVICE
		48465	221.98		UNIFORM/ LAUNDRY SERVICE
		48466	132.49		UNIFORM/ LAUNDRY SERVICE
		48467	189.57		UNIFORM/ LAUNDRY SERVICE
8/8/2019	<b>UNIVAR USA INC</b>		<b>32185</b>	<b>8,905.83</b>	
		48261	5,588.98		SODIUM BISULFITE
		48292	3,316.85		SODIUM HYPOCHLORITE
8/8/2019	<b>VISION SERVICE PLAN</b>		<b>32186</b>	<b>1,949.12</b>	
		48448	1,866.46		VISION INSURANCE
		48449	82.66		COBRA VISION INS
8/14/2019	<b>AIRGAS USA, LLC</b>		<b>32187</b>	<b>1,619.80</b>	
		48377	1,619.80		INVENTORY
8/14/2019	<b>ALLIANT INSURANCE SERVICES</b>		<b>32188</b>	<b>71.00</b>	
		48521	71.00		GEN INSURANCE
8/14/2019	<b>CITY OF ANTIOCH- WATER</b>		<b>32189</b>	<b>6,813.73</b>	
		48494	267.99		UTILITIES
		48495	94.60		UTILITIES
		48496	94.60		UTILITIES
		48497	94.60		UTILITIES
		48498	941.58		UTILITIES
		48499	5,346.06		UTILITIES
		48510	-25.70		UTILITIES
8/14/2019	<b>JACQUELINE BAELO</b>		<b>32190</b>	<b>287.60</b>	
		48528	287.60		COMPUTER GLASSES
8/14/2019	<b>BAYWORK</b>		<b>32191</b>	<b>1,500.00</b>	
		48518	1,500.00		M&D DISTRICT
8/14/2019	<b>CALTEST ANALYTICAL LABORATORY</b>		<b>32192</b>	<b>913.50</b>	
		48530	913.50		CONTRACT LABORATORY SERVICES
8/14/2019	<b>CONCENTRA/OCCUPATIONAL HEALTH CEN1</b>		<b>32193</b>	<b>481.00</b>	
		48501	481.00		PRE EMPLOYMENT COSTS
8/14/2019	<b>CONTRA COSTA WATER DISTRICT</b>		<b>32194</b>	<b>20.87</b>	
		48502	20.87		UTILITIES
8/14/2019	<b>DATCO</b>		<b>32195</b>	<b>156.00</b>	

CHECK DATE	VENDOR NAME	INVOICE NO.	CHECK NO.	CHECK AMOUNT	CHECK AMOUNT DESCRIPTION
		48450		156.00	PRE EMPLOYMENT COSTS
8/14/2019	DIABLO WATER DISTRICT		32196	454.45	
		48526		454.45	UTILITIES
8/14/2019	ERIKS NORTH AMERICA, INC.		32197	2,775.52	
		48357		2,775.52	RWF REPLACEMENT HOSE NOZZELS
8/14/2019	FLOTTWEG SEPARATION		32198	2,226.69	
		48397		2,226.69	INVENTORY
8/14/2019	FLYERS ENERGY LLC		32199	10,086.34	
		48359		10,086.34	LUBE OIL FOR ENGINE #3
8/14/2019	GRAINGER		32200	730.36	
		48380		264.39	INVENTORY
		48475		441.93	INVENTORY
		48476		24.04	INVENTORY
8/14/2019	LEGAL SHIELD		32201	139.65	
		48511		139.65	LEGAL MEMB
8/14/2019	LINKO TECHNOLOGY INC		32202	3,000.00	
		48316		3,000.00	LINKO SOFTWARE TRAINING FOR Mc
8/14/2019	MDRR PITTSBURG		32203	1,065.10	
		48478		1,065.10	WASTE
8/14/2019	NWN CORPORATION		32204	4,003.43	
		48479		4,003.43	PHONE EXPENSE
8/14/2019	OEM AIR COMPRESSOR CORP.		32205	2,414.20	
		48418		2,414.20	INVENTORY
8/14/2019	OFFICE DEPOT		32206	835.35	
		48349		162.18	OFFICE SUPPLIES
		48350		52.20	OFFICE SUPPLIES
		48351		382.47	OFFICE SUPPLIES
		48455		238.50	OFFICE SUPPLIES
8/14/2019	PACIFIC GAS & ELECTRIC COMPANY		32207	50,171.77	
		48527		50,171.77	UTILITIES
8/14/2019	PEOPLE 2.0 GLOBAL INC.		32208	867.00	
		48474		459.00	O/S TEMP
		48512		408.00	O/S TEMP
8/14/2019	CA STATE DISBURSEMENT UNIT		32209	750.00	
		CS9648287		750.00	GARNISHMENT
8/14/2019	STATE OF CALIFORNIA		32210	325.00	
		4461725		325.00	INCOME TAX WITHOLDING ORDER
8/14/2019	SYNAGRO WEST, LLC		32211	36,839.10	
		48356		36,839.10	BIOSOLIDS HAULING
8/14/2019	SYSTEM 1 STAFFING		32212	3,536.40	



<b>CHECK DATE</b>	<b>VENDOR NAME</b>	<b>INVOICE NO.</b>	<b>CHECK NO.</b>	<b>CHECK AMOUNT</b>	<b>CHECK AMOUNT DESCRIPTION</b>
		48529		3,536.40	O/S TEMP
<b>8/14/2019</b>	<b>UNIFIRST CORPORATION</b>		<b>32213</b>		<b>322.97</b>
		48437		132.49	UNIFORM/ LAUNDRY SERVICE
		48438		31.75	UNIFORM/ LAUNDRY SERVICE
		48468		176.83	UNIFORM/ LAUNDRY SERVICE
		48531		-18.10	CREDIT AMOUNT
<b>8/14/2019</b>	<b>UNIVAR USA INC</b>		<b>32214</b>		<b>5,456.57</b>
		48319		5,456.57	SODIUM BISULFITE
<b>8/14/2019</b>	<b>VERIZON WIRELESS</b>		<b>32215</b>		<b>2,890.06</b>
		48513		2,890.06	PHONE EXPENSE
<b>8/14/2019</b>	<b>WM LYLES COMPANY</b>		<b>32216</b>		<b>221,096.83</b>
		48293		221,096.83	CONSTRUCTION SERVICES PN 17140
<b>8/14/2019</b>	<b>AMANDA WONG ROA</b>		<b>32217</b>		<b>563.74</b>
		48481		563.74	3 BIN RECYCLING STATION
<b>8/22/2019</b>	<b>ALCAL SPECIALTY CONTRACTING, INC</b>		<b>32218</b>		<b>59,533.08</b>
		48562		59,533.08	CONSTRUCTION SERVICES PN 18112
<b>8/22/2019</b>	<b>ANDRITZ SEPARATION INC</b>		<b>32219</b>		<b>9,901.62</b>
		48500		9,901.62	GBT8110 REPLACEMENT PARTS
<b>8/22/2019</b>	<b>MICHAEL BAKALDIN</b>		<b>32220</b>		<b>209.45</b>
		48572		209.45	REIMBURSEMENT
<b>8/22/2019</b>	<b>BARNETT MEDICAL SERVICES, LLC</b>		<b>32221</b>		<b>585.00</b>
		48378		585.00	SHARPS/PHARMACEUTICAL DISPOSAL
<b>8/22/2019</b>	<b>BAY AREA NEWS GROUP</b>		<b>32222</b>		<b>594.00</b>
		48532		594.00	PUBLIC NOTICES
<b>8/22/2019</b>	<b>DARRELL CAIN</b>		<b>32223</b>		<b>40.13</b>
		48568		40.13	T&M
<b>8/22/2019</b>	<b>CALTEST ANALYTICAL LABORATORY</b>		<b>32224</b>		<b>12,227.60</b>
		48333		913.50	NPDES LABORATORY SERVICES
		48334		369.00	NPDES LABORATORY SERVICES
		48379		307.80	NPDES LABORATORY SERVICES
		48384		307.80	NPDES LABORATORY SERVICES
		48389		2,283.40	NPDES LABORATORY SERVICES
		48535		8,046.10	LAB SERVICES ANTIOCH WATER PLA
<b>8/22/2019</b>	<b>CHEMTRADE CHEMICALS US LLC</b>		<b>32225</b>		<b>3,586.89</b>
		48424		3,586.89	ALUMINUM SULFATE
<b>8/22/2019</b>	<b>COLANTUONO, HIGHSMITH &amp; WHATLEY, PC</b>		<b>32226</b>		<b>79.00</b>
		48425		79.00	LEGAL SERVICES
<b>8/22/2019</b>	<b>COMCAST BUSINESS COMMUNICATIONS, LI</b>		<b>32227</b>		<b>542.72</b>
		48563		542.72	PHONE EXPENSE
<b>8/22/2019</b>	<b>CONCENTRA/OCCUPATIONAL HEALTH CENT</b>		<b>32228</b>		<b>153.50</b>

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		48594	153.50	OCCUP SAFETY & PRE EMPL COST
8/22/2019	CORELOGIC INFORMATION SOLUTIONS, INC		32229	165.00
		48536	165.00	REALQUEST PROPERTY INFORMATION
8/22/2019	DEPARTMENT OF CONSUMER AFFAIRS		32230	115.00
		48473	115.00	M&D - I. BRONSWICK
8/22/2019	ANDREW JAMES THELWELL		32231	5,198.00
		48588	5,198.00	TEMPORARY SPEED HUMP, SIGN INS
8/22/2019	DISCOVERY BENEFITS, INC.		32232	115.50
		48462	115.50	FSA - JULY
8/22/2019	FARMER BROS CO		32233	663.71
		48341	367.08	COFFEE SERVICE PLAN
		48342	296.63	COFFEE SERVICE PLAN
8/22/2019	FEDERAL EXPRESS		32234	30.04
		48589	30.04	OE - POSTAGE
8/22/2019	FLOTTWEG SEPARATION		32235	504.55
		48543	504.55	INVENTORY
8/22/2019	FLSMIDTH, INC		32236	1,533.44
		48420	1,533.44	RWF INVENTORY
8/22/2019	HIRERIGHT, INC.		32237	51.29
		48383	51.29	PRE EMPLOYMENT COSTS
8/22/2019	JOHN MUIR HEALTH		32238	822.50
		48509	822.50	2019 CORPORATE WELLNESS SERVIC
8/22/2019	KEMIRA WATER SOLUTIONS, INC.		32239	7,591.53
		48457	7,591.53	FERROUS CHLORIDE
8/22/2019	KENNEDY/JENKS CONSULTANTS INC.		32240	14,184.88
		48574	14,184.88	FACILITY CONDITION ASSESSMENT
8/22/2019	KEY ADVOCATES INC.		32241	7,750.00
		48391	7,750.00	FEDERAL ADVOCACY FOR WRWC PN
8/22/2019	KONE. INC.		32242	213.34
		48546	106.67	ELEVATOR SERVICE
		48547	106.67	ELEVATOR SERVICE
8/22/2019	LEE & RO, INC.		32243	9,798.27
		48575	9,798.27	SWGR DESIGN SERVICES
8/22/2019	MESSER LLC		32244	639.11
		48477	639.11	LIQUID OXYGEN
8/22/2019	SUE THOMASON		32245	275.00
		48366	275.00	INDOOR PLANT MAINTENANCE
8/22/2019	MUNIQUIP, LLC		32246	2,509.09
		48402	2,509.09	INVENTORY
8/22/2019	NEW IMAGE LANDSCAPE COMPANY		32247	3,913.00

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		48537		1,350.00	Landscape Services
		48576		2,563.00	Landscape Services
<b>8/22/2019</b>	<b>NV5 INC.</b>		<b>32248</b>	<b>355.00</b>	
		48505		355.00	RWF EMERGENCY BACKUP GENERATOR
<b>8/22/2019</b>	<b>OEM AIR COMPRESSOR CORP.</b>		<b>32249</b>	<b>605.38</b>	
		48480		605.38	INVENTORY
<b>8/22/2019</b>	<b>OFFICE DEPOT</b>		<b>32250</b>	<b>994.51</b>	
		48352		470.43	OFFICE SUPPLIES
		48453		58.42	OFFICE SUPPLIES
		48454		71.39	OFFICE SUPPLIES
		48539		256.67	OFFICE SUPPLIES
		48540		131.06	OFFICE SUPPLIES
		48541		6.54	OFFICE SUPPLIES
<b>8/22/2019</b>	<b>ABEL PALACIO</b>		<b>32251</b>	<b>736.34</b>	
		48573		736.34	REIMBURSEMENT
<b>8/22/2019</b>	<b>PEOPLE 2.0 GLOBAL INC.</b>		<b>32252</b>	<b>408.00</b>	
		48596		408.00	O/S TEMP
<b>8/22/2019</b>	<b>POLYDYNE INC</b>		<b>32253</b>	<b>16,332.88</b>	
		48426		16,332.88	LIQUID POLYMER
<b>8/22/2019</b>	<b>QUENVOLD'S</b>		<b>32254</b>	<b>760.38</b>	
		48445		760.38	SAFETY SHOES - VARIOUS STAFF
<b>8/22/2019</b>	<b>RED WING SHOE STORE 165</b>		<b>32255</b>	<b>525.00</b>	
		48367		525.00	SAFETY SHOES - STAFF
<b>8/22/2019</b>	<b>REPUBLIC SERVICES #210</b>		<b>32256</b>	<b>4,624.52</b>	
		48598		983.79	WASTE
		48599		3,640.73	WASTE
<b>8/22/2019</b>	<b>PAULETTE RIOS</b>		<b>32257</b>	<b>377.13</b>	
		48578		377.13	REIMBURSEMENT
<b>8/22/2019</b>	<b>SPEARHEAD PROTECTION</b>		<b>32258</b>	<b>352.00</b>	
		48579		352.00	On-Call Security Service
<b>8/22/2019</b>	<b>STERICYCLE ENVIRONMENTAL SOLUTIONS</b>		<b>32259</b>	<b>44,588.11</b>	
		48419		44,588.11	HHW TRANSPORTATION/DISPOSAL/LA
<b>8/22/2019</b>	<b>SUPERIOR AUTO PARTS WAREHOUSE</b>		<b>32260</b>	<b>851.44</b>	
		48590		851.44	INVENTORY
<b>8/22/2019</b>	<b>SYSTEM 1 STAFFING</b>		<b>32261</b>	<b>3,426.00</b>	
		48600		3,426.00	O/S TEMP
<b>8/22/2019</b>	<b>TELSTAR INSTRUMENTS INC</b>		<b>32262</b>	<b>5,252.71</b>	
		48580		5,252.71	INVENTORY
<b>8/22/2019</b>	<b>TOYOTA MATERIAL HANDLING</b>		<b>32263</b>	<b>70,745.92</b>	
		48427		17,686.48	REPLACMENT CARTS

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		48428	17,686.48	REPLACEMENT CARTS
		48429	17,686.48	REPLACEMENT CARTS
		48431	17,686.48	REPLACEMENT CARTS
<b>8/22/2019</b>	<b>TRANSENE COMPANY, INC.</b>		<b>32264</b>	<b>320.95</b>
		48326	320.95	INVENTORY
<b>8/22/2019</b>	<b>TURBO MACHINERY, INC</b>		<b>32265</b>	<b>26,389.58</b>
		48369	13,560.39	AERATION BASIN REHABILITATION
		48432	12,829.19	AERATION BASIN REHABILITATION
<b>8/22/2019</b>	<b>UNDERGROUND SERVICE ALERT</b>		<b>32266</b>	<b>3,518.59</b>
		48555	3,518.59	USA north membership fee
<b>8/22/2019</b>	<b>UNIFIRST CORPORATION</b>		<b>32267</b>	<b>341.07</b>
		48439	132.49	UNIFORM/ LAUNDRY SERVICE
		48440	31.75	UNIFORM/ LAUNDRY SERVICE
		48469	176.83	UNIFORM/ LAUNDRY SERVICE
<b>8/22/2019</b>	<b>UNIVAR USA INC</b>		<b>32268</b>	<b>9,951.65</b>
		48325	3,317.96	SODIUM HYPOCHLORITE
		48441	3,317.88	SODIUM HYPOCHLORITE
		48442	3,315.81	SODIUM HYPOCHLORITE
<b>8/22/2019</b>	<b>US POSTAL SERVICE-NEOPOST</b>		<b>32269</b>	<b>1,500.00</b>
		48601	1,500.00	POSTAGE
<b>8/22/2019</b>	<b>USA BLUEBOOK</b>		<b>32270</b>	<b>4,908.65</b>
		48556	1,031.32	INVENTORY
		48557	3,693.90	INVENTORY
		48558	183.43	INVENTORY
<b>8/22/2019</b>	<b>THE WATER RESEARCH FOUNDATION</b>		<b>32271</b>	<b>8,001.80</b>
		48561	8,001.80	DISTRICT MEMBERSHIP
<b>8/22/2019</b>	<b>WIN 911 SOFTWARE</b>		<b>32272</b>	<b>595.00</b>
		48482	595.00	ANNUAL SOFTWARE MNTNCE
<b>8/30/2019</b>	<b>AFLAC</b>		<b>32273</b>	<b>1,461.51</b>
		48620	1,461.51	INSURANCE
<b>8/30/2019</b>	<b>AIRGAS USA, LLC</b>		<b>32274</b>	<b>152.70</b>
		48522	152.70	INVENTORY
<b>8/30/2019</b>	<b>BATTERIES PLUS BULBS</b>		<b>32275</b>	<b>3,605.06</b>
		48621	3,605.06	INVENTORY
<b>8/30/2019</b>	<b>DARRELL CAIN</b>		<b>32276</b>	<b>23.00</b>
		48506	23.00	MED REIMB
<b>8/30/2019</b>	<b>CALTEST ANALYTICAL LABORATORY</b>		<b>32277</b>	<b>1,354.50</b>
		48503	133.20	NPDES LABORATORY SERVICES
		48592	307.80	NPDES LABORATORY SERVICES
		48593	913.50	NPDES LABORATORY SERVICES

<b>CHECK DATE</b>	<b>VENDOR NAME</b>	<b>INVOICE NO.</b>	<b>CHECK NO.</b>	<b>CHECK AMOUNT</b>	<b>DESCRIPTION</b>
<b>8/30/2019</b>	<b>CAROLLO ENGINEERS</b>		<b>32278</b>	<b>141,551.25</b>	
		48587	3,845.00		PRIMARY CLARIFIER AREA IMPROVE
		48665	137,706.25		CONSULTING SERVICES HEADWORK I
<b>8/30/2019</b>	<b>CHEMTRADE CHEMICALS US LLC</b>		<b>32279</b>	<b>3,592.87</b>	
		48567	3,592.87		ALUMINUM SULFATE
<b>8/30/2019</b>	<b>CONCENTRA/OCCUPATIONAL HEALTH CENT</b>		<b>32280</b>	<b>108.00</b>	
		48625	108.00		OCCUP SAFETY
<b>8/30/2019</b>	<b>DEPT OF GENERAL SERVICES</b>		<b>32281</b>	<b>15,590.90</b>	
		48669	15,590.90		UTILITIES
<b>8/30/2019</b>	<b>DEAN ECKERSON</b>		<b>32282</b>	<b>48.00</b>	
		48238	48.00		MED REIMB
<b>8/30/2019</b>	<b>EPIC COMPLIANCE SYSTEMS, INC.</b>		<b>32283</b>	<b>2,172.49</b>	
		48636	2,172.49		TANK TIGHTNESS TEST
<b>8/30/2019</b>	<b>FEDERAL EXPRESS</b>		<b>32284</b>	<b>93.46</b>	
		48626	93.46		OE - POSTAGE
<b>8/30/2019</b>	<b>FLOTTWEG SEPARATION</b>		<b>32285</b>	<b>585.63</b>	
		48544	585.63		INVENTORY
<b>8/30/2019</b>	<b>FRESCHI AIR SYSTEMS</b>		<b>32286</b>	<b>6,316.55</b>	
		48595	6,316.55		REPLACEMENT OF HVAC1601 FEB CO
<b>8/30/2019</b>	<b>GRAINGER</b>		<b>32287</b>	<b>205.46</b>	
		48520	133.29		INVENTORY
		48559	72.17		INVENTORY
<b>8/30/2019</b>	<b>GURMUKH SINGH GREWAL</b>		<b>32288</b>	<b>30.00</b>	
		48507	30.00		MED REIMB
<b>8/30/2019</b>	<b>HAZEN &amp; SAWYER</b>		<b>32289</b>	<b>2,110.00</b>	
		48447	2,110.00		CONSULTING SERVICES 2019
<b>8/30/2019</b>	<b>HDR ENGINEERING, INC.</b>		<b>32290</b>	<b>322.20</b>	
		48504	322.20		EAST COUNTY BIOENERGY PROJECT
<b>8/30/2019</b>	<b>HUNT &amp; SONS INC</b>		<b>32291</b>	<b>1,832.33</b>	
		48643	1,832.33		FUEL SERVICES FOR THE DISTRICT
<b>8/30/2019</b>	<b>IFM EFECTOR INC</b>		<b>32292</b>	<b>136.49</b>	
		48585	136.49		INVENTORY
<b>8/30/2019</b>	<b>KEMIRA WATER SOLUTIONS, INC.</b>		<b>32293</b>	<b>7,481.34</b>	
		48613	7,481.34		FERROUS CHLORIDE
<b>8/30/2019</b>	<b>MCMASTER CARR SUPPLY CO</b>		<b>32294</b>	<b>664.22</b>	
		48655	664.22		INVENTORY
<b>8/30/2019</b>	<b>MOTION INDUSTRIES INC.</b>		<b>32295</b>	<b>1,010.44</b>	
		48658	347.34		INVENTORY
		48659	663.10		INVENTORY
<b>8/30/2019</b>	<b>MSC INDUSTRIAL SUPPLY CO. INC.</b>		<b>32296</b>	<b>209.00</b>	

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		48657	209.00	INVENTORY
<b>8/30/2019</b>	<b>OFFICE DEPOT</b>		<b>32297</b>	<b>151.85</b>
		48597	151.85	OFFICE SUPPLIES
<b>8/30/2019</b>	<b>PACIFIC GAS &amp; ELECTRIC COMPANY</b>		<b>32298</b>	<b>96,977.43</b>
		48670	50,150.03	UTILITIES
		48671	46,827.40	UTILITIES
<b>8/30/2019</b>	<b>CITY OF PITTSBURG</b>		<b>32299</b>	<b>543.98</b>
		48617	543.98	UTILITIES
<b>8/30/2019</b>	<b>PLATT ELECTRIC SUPPLY INC</b>		<b>32300</b>	<b>356.68</b>
		48644	356.68	SAPS REPLACEMENT VFD FOR P1201
<b>8/30/2019</b>	<b>LEONARD M. POMPA</b>		<b>32301</b>	<b>125.00</b>
		48569	125.00	MED REIMB
<b>8/30/2019</b>	<b>PRESIDIO SYSTEMS</b>		<b>32302</b>	<b>3,200.00</b>
		48605	3,200.00	CARBON MEDIA CHANGE OUT TO BIO
<b>8/30/2019</b>	<b>QUENVOLD'S</b>		<b>32303</b>	<b>120.18</b>
		48566	120.18	SAFETY SHOES - J. WONG
<b>8/30/2019</b>	<b>REBUILD-IT SERVICES GROUP, LLC</b>		<b>32304</b>	<b>49,300.11</b>
		48577	49,300.11	DU2101 REPLACEMENT
<b>8/30/2019</b>	<b>SCHAAF &amp; WHEELER CONSULTING</b>		<b>32305</b>	<b>24,169.53</b>
		48615	24,169.53	DESIGN FOR PUMP STATION FACILI
<b>8/30/2019</b>	<b>TAC AMERICAS, INC.</b>		<b>32306</b>	<b>1,551.63</b>
		48645	1,551.63	POC HVAC SYSTEM SERVICE AGREEM
<b>8/30/2019</b>	<b>STATE OF CALIFORNIA</b>		<b>32307</b>	<b>325.00</b>
		4461726	325.00	INCOME TAX WITHOLDING ORDER
<b>8/30/2019</b>	<b>STACY TUCKER</b>		<b>32308</b>	<b>66.00</b>
		48508	66.00	MED REIMB
<b>8/30/2019</b>	<b>TURBO MACHINERY, INC</b>		<b>32309</b>	<b>13,959.23</b>
		48646	13,959.23	AERATION BASIN REHABILITATION
<b>8/30/2019</b>	<b>UNDERGROUND SERVICE ALERT</b>		<b>32310</b>	<b>5,749.51</b>
		48651	5,749.51	USA- ON CALL YEARLY CONTRACT
<b>8/30/2019</b>	<b>UNIFIRST CORPORATION</b>		<b>32311</b>	<b>334.69</b>
		48470	131.74	UNIFORM/ LAUNDRY SERVICE
		48471	171.20	UNIFORM/ LAUNDRY SERVICE
		48472	31.75	UNIFORM/ LAUNDRY SERVICE
<b>8/30/2019</b>	<b>UNIVAR USA INC</b>		<b>32312</b>	<b>8,631.76</b>
		48446	5,321.62	SODIUM BISULFITE
		48460	3,310.14	SODIUM HYPOCHLORITE
<b>8/30/2019</b>	<b>V.W. HOUSEN &amp; ASSOCIATES, INC.</b>		<b>32313</b>	<b>3,469.90</b>
		48583	3,469.90	DESIGN WORK

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<b>GRAND TOTAL</b>				<b><u>1,550,736.35</u></b>
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October 9, 2019

ADOPT RESOLUTION TO FLY DISTRICT FLAG AT HALF-STAFF COMMENCING AT SUNRISE ON OCTOBER 10, 2019, FOR A PERIOD OF SEVEN DAYS IN MEMORY OF LEONARD POMPA, SENIOR OPERATOR, WHO PASSED AWAY ON SEPTEMBER 24, 2019

RECOMMENDATION

Adopt a Resolution to fly the District flag at half-staff commencing at sunrise on October 10, 2019, for a period of seven days in memory of Mr. Leonard Pompa (Senior Operator), who passed away on September 24, 2019.

Background Information

Mr. Pompa began his employment with the District as an Operator-in-Training on August 26, 1985. He obtained his State Water Resources Control Board (SWRCB) Wastewater Operator Grade I Certification in April 1987 and was promoted to an Operator I. Mr. Pompa continued his wastewater operator education and training during the next several years and received his SWRCB Wastewater Operator Grade II Certification in October 1989. He was again promoted to an Operator II position in October 1994. Mr. Pompa continued to advance his certification and received his SWRCB Wastewater Operator Grade III Certification in March 1998 and was promoted to an Operator III position later that year. He achieved SWRCB Wastewater Operator Grade IV Certification in 2007 and was promoted to a Senior Operator position, the highest position in the Operator job series, in April 2008. In addition, Mr. Pompa obtained the highest wastewater certification level when he passed the exam for and received his SWRCB Wastewater Grade V Certification in January 2009.

Analysis

Mr. Pompa is the longest serving District employee with 34 years and 29 days of continuous service until his passing on September 24, 2019.

Throughout his career, Mr. Pompa was recognized for his contributions to the wastewater industry. He received the Operator of the Year award from the California Water Environment Association (CWEA) San Francisco Bay Section in 2012. Mr. Pompa received this prestigious award because of his outstanding performance, leadership, and commitment to the clean water industry. His commitment to continuous improvement and innovation were also recognized on several occasions, as evidenced by the numerous times he was awarded the CWEA “Gimmicks and Gadgets” award, including the first-place award in 2010.

Mr. Pompa was always looking for ways to get the job done in a safe and innovative way. Thanks to his ingenious inventions that are visible throughout the District’s Wastewater Treatment Plant, Operations staff are able to perform many required tasks in a safer and more efficient manner.





Mr. Pompa was a valuable Operations Division team member and contributed significantly to operational excellence at the District. His strong mechanical aptitude was a strength that complemented a diverse and talented team. He was well-respected by his peers for his strong work ethic, cheerful demeanor, loyalty, and commitment to the success of the District and its staff. Mr. Pompa could always be counted on to help in any capacity needed, from sweeping the floors to mentoring new staff on the advanced technologies used at District facilities.

Mr. Pompa was well-liked throughout the District and his presence will be missed. He considered the District as part of his family and he rarely missed an employee event that allowed him to bond with his work family. Staff's recommendation to fly the flag at half-staff is a small gesture that acknowledges the positive impact he made while serving the District.

Financial Impact

None

Attachment

Proposed Resolution

Prepared by:



Dean Eckerson  
Resource Recovery Services Director

cc: HR.01



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

**RE: Fly District Flag at Half-Staff )  
In Memory of Leonard Pompa, )  
Senior Operator )**

**RESOLUTION NO. X/2019**

THE BOARD OF DIRECTORS OF DELTA DIABLO HAS DETERMINED THAT:

WHEREAS, Mr. Leonard Pompa was hired by Delta Diablo as an Operator-in-Training on August 26, 1985; and

WHEREAS, he served the District as an Operator-in-Training, Operator I, Operator II, Operator III, and most recently as a Senior Operator from April 2008 until his passing on September 24, 2019, a period of over 34 years of service; and

WHEREAS, he obtained the State Water Resources Control Board Wastewater Grade V Certification in January 2009, the highest wastewater certification possible; and

WHEREAS, he was recognized for his many contributions to the wastewater industry, including receiving the Operator of the Year award from the California Water Environment Association (CWEA) San Francisco Bay Section in 2012 for his outstanding performance, leadership, and commitment to the clean water industry; and

WHEREAS, his commitment to continuous improvement and innovation were recognized on several occasions, as evidenced by the numerous times he was awarded the CWEA "Gimmicks and Gadgets" award, including the first-place award in 2010; and

WHEREAS, his ingenious inventions are visible throughout the District's Wastewater Treatment Plant allowing Operations staff to perform many tasks in a safer and more efficient manner; and

WHEREAS, he was a valuable Operations Division team member and contributed significantly to operational excellence at the District; and

WHEREAS, he was well-respected by his peers for his strong work ethic, cheerful demeanor, loyalty, and commitment to the success of the District and its staff; and

WHEREAS, he was well-liked throughout the District and his presence will be missed.

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

**The District flag shall be flown at half-staff commencing at sunrise on October 10, 2019 for a period of seven days in memory of Leonard Pompa, Senior Operator, who passed away on September 24, 2019.**

PASSED AND ADOPTED on October 9, 2019, 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 9, 2019.

ATTEST: Federal Glover  
Board Secretary

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

October 9, 2019

AUTHORIZE GENERAL MANAGER TO EXECUTE CONSULTANT SERVICES CONTRACT IN AN AMOUNT NOT TO EXCEED \$1,504,943, HAZEN AND SAWYER, ENGINEERING SERVICES, RESOURCE RECOVERY FACILITY MASTER PLAN, PROJECT NO. 18120

RECOMMENDATION

Authorize the General Manager to execute Consulting Services Contract with Hazen and Sawyer (Hazen) to provide engineering master planning services in an amount not to exceed \$1,504,943.

Background Information

As a “Utility of the Future,” the District embraces innovative approaches and sustainable solutions to benefit the environment, lower operating costs, increase revenues, and serve as responsible stewards of the public’s resources and trust. The Resource Recovery Facility Master Plan (RRFMP) is an essential element of the District’s overall financial sustainability; strategic, financial, technical, and operational decision-making processes; and continued focus on operational excellence. This effort will emphasize the District’s commitment to a collaborative, innovative, and continuous improvement-based culture through active engagement with staff at all levels in the organization.

The RRFMP will provide the District with a strategic planning document focused on near- and long-term infrastructure improvements to address asset condition, hydraulic capacity, treatment capacity, and regulatory requirements. The project will be completed as a collaborative effort between Hazen and staff with scope tasks conducted by the consultant to be informed by staff knowledge of District history, business practices, innovation goals, and facility specific information. Staff provided an update on the planned scope and approach for the RRFMP at the March 13, 2019, Board Meeting and subsequently completed the consultant procurement process.

Analysis

The RRFMP is intended to provide the District with an integrated, strategic planning focused guidance document with in-depth analysis in key areas to guide significant infrastructure investment decisions. The RRFMP will be an “action-oriented” document highlighting specific measures and triggers that support decision making over the next few years, while maintaining a 20-year planning horizon. Specific project goals include:

- Guide development of a prioritized, long-term Capital Improvement Program (CIP) that meets infrastructure needs, addresses regulatory drivers, and maintains operational effectiveness and reliability
- Support development of the District’s Asset Management Program through coordination efforts and condition assessment data integration
- Develop the strategic technical, and financial approach to meeting future nutrient removal regulatory requirements
- Support resource recovery and organizational improvement through identification of applicable innovative approaches, technologies, and best practices used by peer wastewater agencies
- Assist the District in becoming energy self-sufficient through trucked waste program growth



- Guide development of future capital project design assumptions by updating wastewater flow and load projections and assessing the hydraulic and treatment system capacities of wastewater conveyance and treatment facilities
- Identify and mitigate potential treatment process vulnerabilities and opportunities to improve process monitoring, control, and optimization
- Guide strategic decision-making efforts regarding long-term Recycled Water Facility operation and near-term capital investments

Although several District infrastructure components will be evaluated in detail as part of the RRFMP, it is expected that several areas will be recommended for subsequent study as part of future “sub-master plan” efforts (e.g., recycled water, electrical distribution system). In these areas, the RRFMP is intended to serve as an “umbrella” master plan that summarizes current status, planning considerations, and strategic, regulatory, technical, and operational issues. The anticipated project completion timeline is approximately 18 months with certain tasks prioritized for early delivery to meet District needs.

#### Financial Impact

The adopted Fiscal Year 2019/2020 – 2023/2024 (FY19/20 – FY23/24) CIP includes appropriations of \$800,000 through FY19/20 with a total project budget of \$1,500,000 for the Resource Recovery Facility Master Plan in the Wastewater Capital Asset, Wastewater Capital Asset Replacement, Advanced Treatment, and Recycled Water Expansion Funds. No additional budget appropriation is required at this time. Staff will adjust the overall project budget as needed during the next CIP approval process to account for the full contract amount and staff labor.

#### Attachments

None

Prepared by: \_\_\_\_\_

Brian Thomas

Engineering Services Director/District Engineer

cc: District File No. 18120.02.01



## ITEM G/1

October 9, 2019

### RECEIVE DELTA HOUSEHOLD HAZARDOUS WASTE COLLECTION FACILITY FISCAL YEAR 2018/2019 REPORT

#### RECOMMENDATION

Receive Delta Household Hazardous Waste Collection Facility Fiscal Year 2018/2019 Report.

#### Background Information

In partnership with the cities of Antioch, Brentwood, Oakley and Pittsburg, and Contra Costa County, the District has operated a regional Household Hazardous Waste (HHW) Program since 1996. The HHW Program keeps hazardous waste out of landfills and the wastewater system in support of state regulations and the District's Pollution Prevention Program. The program accepts household hazardous waste and electronic waste (e-waste) and is free of charge for East Contra Costa County residents. Eligible small businesses may use the program for a fee.

The attached Fiscal Year 2018/2019 (FY18/19) Report for the Delta Household Hazardous Waste Collection Facility (DHHWCF) summarizes key facility operational information, including utilization, hazardous waste collected, and operating costs.

#### Analysis

The DHHWCF was constructed adjacent to the District's Wastewater Treatment Plant in 2003 and provides service to the local community three days per week. During the past fiscal year, 17,544 vehicles utilized the facility for HHW disposal (not including e-waste), which represents a 6.2% increase from the previous fiscal year. Over 556 tons of waste were delivered, an annual increase of 2.0%, with 70.8% of material collected being either reused or recycled. Over 21 tons of waste were collected from small businesses, which represents a 7.3% decrease from the previous fiscal year. In FY18/19, 6.7 tons of material were distributed for reuse, which represents a 28.4% decrease from the previous fiscal year. Reusable materials 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 annual amount distributed varies considerably.

E-waste has been accepted at the DHHWCF for 13 years. Over 167 tons of e-waste was collected in FY18/19, which is an increase of 5.6% from the previous year. The HHW Program no longer receives e-waste revenue to offset other HHW program costs due to disruption in global recycling markets and associated decreases in e-waste value.

#### Financial Impact

In FY18/19, 94.6% of the facility operating budget (\$754,935) was expended. The program's partners paid \$494,087 of the expenses and the remaining \$260,848 was paid by the District.

#### Attachments

DHHWCF FY18/19 Report



Prepared by: BMS FER  
Amanda Roa  
Environmental Programs Manager

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

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



# 2018/19 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 2018/2019 (FY18/19).

## 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 21<sup>st</sup> 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
2018/19	166,007	168,243	334,250	*((\$625.03)

\*The 89% decrease in recycling revenue during 2018/19 was due to decreased e-waste market values. In January 2019 ewaste recycling services were switched from CEAR to E-Recycling due to the requested cost increase from CEAR.

## Sharps

A total of 109 sharps containers were mailed to resident in East County residents during FY18/19, a 23% increase from the previous fiscal year. The number of sharps containers mailed represents “new” residents utilizing the sharps program. The total pounds of sharps disposed decreased by 9.4%. Sharps containers were distributed via mail to each jurisdiction as shown in the following table:

Jurisdiction	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	2012/13 #Sharps Ctns Mailed
Antioch	71	96	130	75	86	42
Bay Point	8	19	13	6	9	10
Bethel Island	2	5	3	2	2	3
Brentwood	36	38	42	35	38	34
Byron	1	0	1	0	0	1
Disco. Bay	1	10	20	6	8	9
Knightsen	0	1	1	0	1	2
Oakley	3	25	26	37	28	43
Pittsburg	1	64	65	29	33	33
<b>Total</b>	<b>166</b>	<b>258</b>	<b>301</b>	<b>200</b>	<b>205</b>	<b>178</b>
<b>Total Lbs. Disposed</b>	<b>963</b>	<b>2,510</b>	<b>4,140</b>	<b>6,120</b>	<b>7,800</b>	<b>8,783</b>
Jurisdiction	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	2018/19 #Sharps Ctns Mailed
Antioch	42	37	68	46	39	47
Bay Point	0	3	8	5	4	2
Bethel Island	1	1	1	1	1	1
Brentwood	12	14	23	24	8	18
Byron	0	0	0	0	0	0
Disco. Bay	9	0	0	3	2	6
Knightsen	0	0	0	1	0	0
Oakley	12	11	15	11	13	9
Pittsburg	17	28	23	14	22	26
<b>Total</b>	<b>93</b>	<b>94</b>	<b>138</b>	<b>105</b>	<b>89</b>	<b>109</b>
<b>Total Lbs. Disposed</b>	<b>10,327</b>	<b>12,354</b>	<b>12,937</b>	<b>10,172</b>	<b>10,333</b>	<b>9,362</b>

## 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-No longer in business
- Central RX Pharmacy in Brentwood (regularly scheduled 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 FY18/19. Disposal costs are funded through the HHW program.

Location	Sharps (pounds)	Pharmaceuticals (pounds)	Disposal Costs
City Center Pharmacy-Pittsburg	349	0	\$397.00
Central RX Pharmacy-Brentwood	703	0	\$686.00
Office of Supervisor Diane Burgis	40	230	\$903.00
Brighter Beginnings Family Health Clinic	35	33	\$231.00
<b>Total</b>	<b>1,552</b>	<b>270</b>	<b>\$2,217.00</b>

### **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 10.23 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	14,840	3,712	18,552	0.82
2017/18	Post Campaign	13,481	3,140	16,621	0.73
2018/19	Post Campaign	14,501	2,671	17,172	0.76
	<b>Total</b>	<b>191,036</b>	<b>41,528</b>	<b>232,564</b>	<b>10.23</b>

## PUBLIC OUTREACH

The following table summarizes the public outreach efforts for FY18/19:

Description	Circulation/Quantity	Cost
General HHW Ad – Home and Garden Fall 2017 (9/21/18) 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	5,000 Papers/week	\$1,398.00
General HHW Ad – Home and Garden Spring 2019 (3/30/19) ½ page ad, one week, all Brentwood Press papers	96,775 Papers/week	\$699.00
General HHW Ad – Welcome Magazine ½ page ad, 2019 Version (12/28/18)		\$986.00
General HHW Ad-Home and Garden Spring (2 <sup>nd</sup> run-4/12/19) ½ page ad, one week, all Brentwood Press papers	96,775 Papers/week	\$699.00
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, Two weeks, all Brentwood Press papers	96,775 Papers/week	\$1,398.00
<b>Total</b>		<b>\$7,277.00</b>

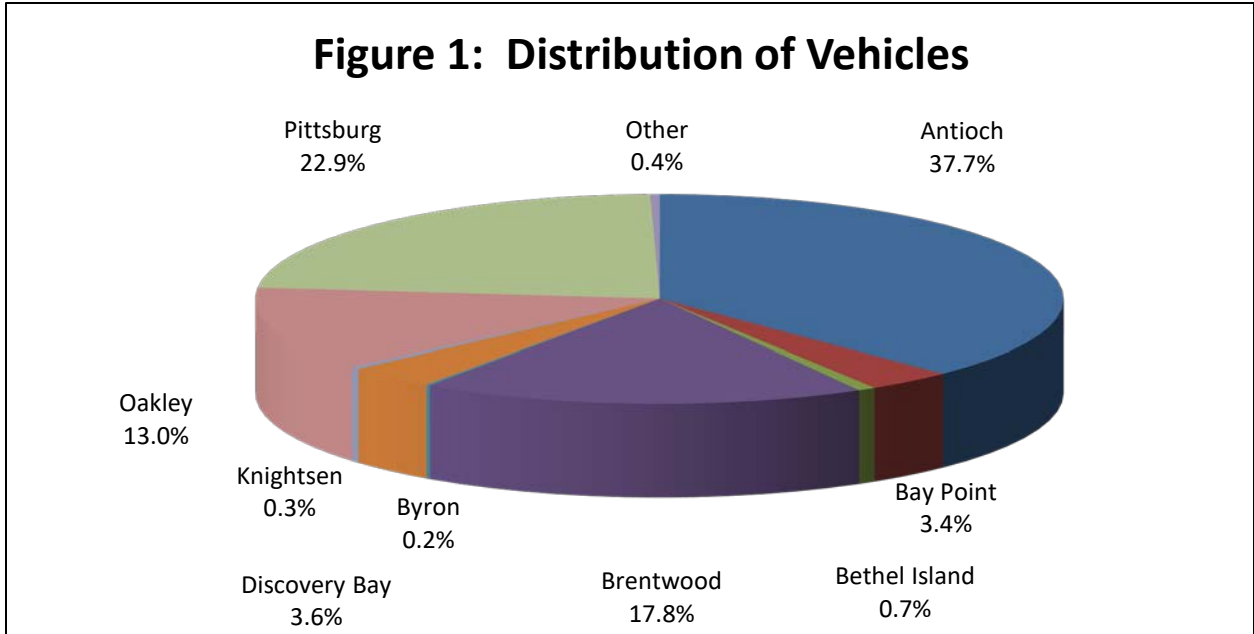
## HHW Website

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	18/19 Pageviews
Jul	NA	439	446	NA	NA	792	1,030	1,161	1,319
Aug	NA	400	543	NA	NA	795	943	1,116	1,271
Sep	NA	395	503	NA	NA	871	843	949	1,019
Oct	NA	365	481	NA	NA	910	791	1,013	1,309
Nov	NA	435	420	NA	256	749	830	939	928
Dec	NA	407	427	NA	323	745	805	826	944
Jan	214	485	542	NA	578	996	869	969	1,157
Feb	285	365	545	NA	428	863	674	938	931
Mar	304	447	580	NA	529	927	948	994	1,043
Apr	380	390	617	NA	496	885	1,020	1,065	1,307
May	360	533	596	NA	608	892	1,015	1,099	1,340
Jun	430	396	645	NA	642	997	945	1,197	1,259
<b>Total</b>	<b>1,973+</b>	<b>5,057</b>	<b>6,345</b>	<b>NA</b>	<b>3,860+</b>	<b>10,422</b>	<b>10,713</b>	<b>12,236</b>	<b>13,827</b>

**PARTICIPATION SUMMARY**  
**Vehicles by Jurisdiction**

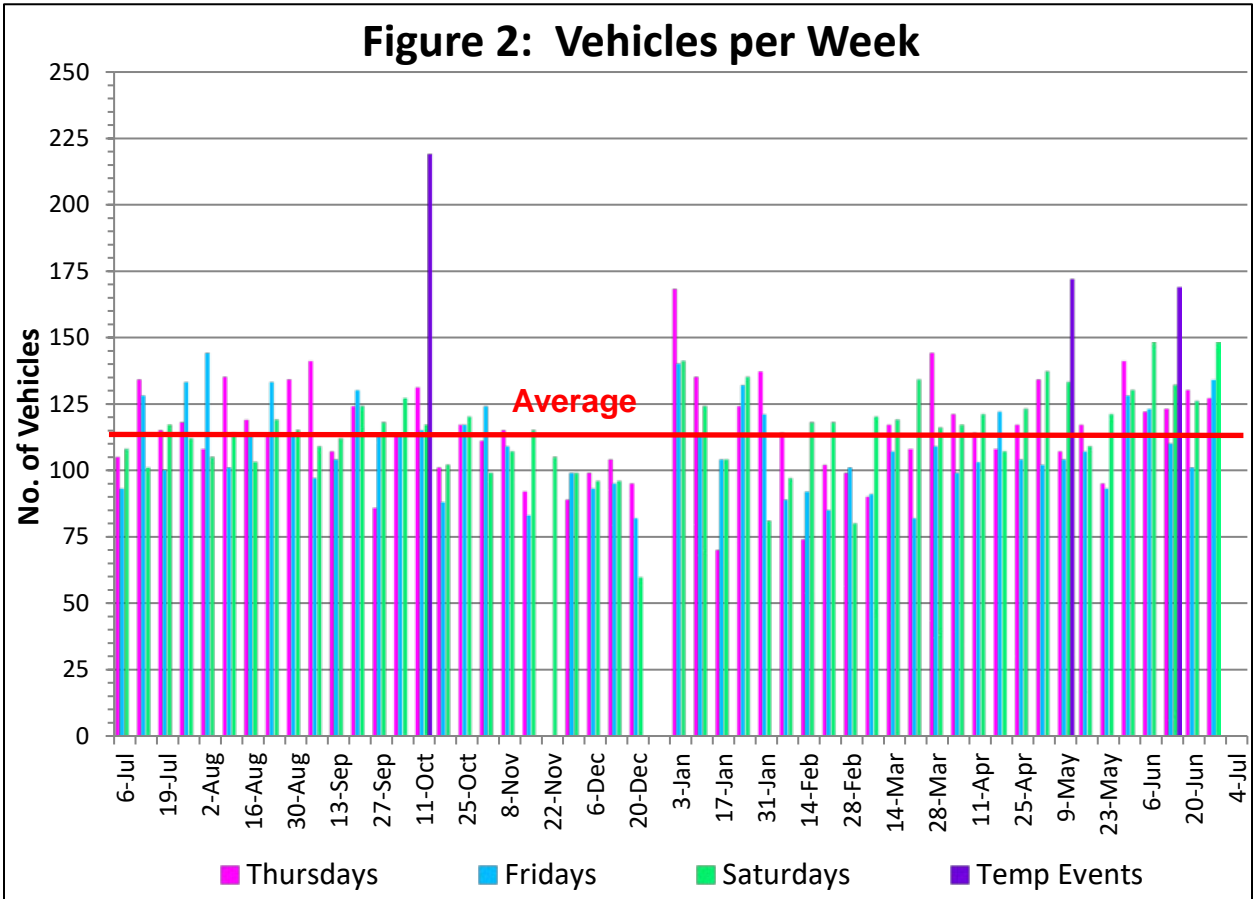
Figure 1 shows the distribution of vehicles per jurisdiction.



Jurisdiction	Q1	Q2	Q3	Q4	YTD	YTD%	HHW Total	E-waste Total	Grand Total
Antioch	1,791	1,371	1,645	1,801	6,608	37.67%	6,608	2,086	7,609
Brentwood	760	738	701	923	3,122	17.80%	3,122	1,116	3,550
County	336	306	314	490	1,446	8.24%	1,450	436	1,602
<i>Bay Point</i>	163	129	157	153	602	3.43%	606	163	667
<i>Bethel Island</i>	35	26	22	41	124	0.71%	124	42	140
<i>Byron</i>	9	5	8	6	28	0.16%	28	11	36
<i>Discovery Bay</i>	112	131	119	272	634	3.61%	634	200	698
<i>Knightsen</i>	17	15	8	18	58	0.33%	58	20	61
Oakley	557	502	574	644	2,277	12.98%	2,277	653	2,553
Pittsburg	1,042	815	1,081	1,087	4,025	22.94%	4,025	1,253	4,618
Other	13	15	20	18	66	0.38%	66	16	73
<b>Total</b>	<b>4,499</b>	<b>3,747</b>	<b>4,335</b>	<b>4,963</b>	<b>17,544</b>	<b>100.00%</b>	<b>17,544</b>	<b>5,560</b>	<b>20,005</b>

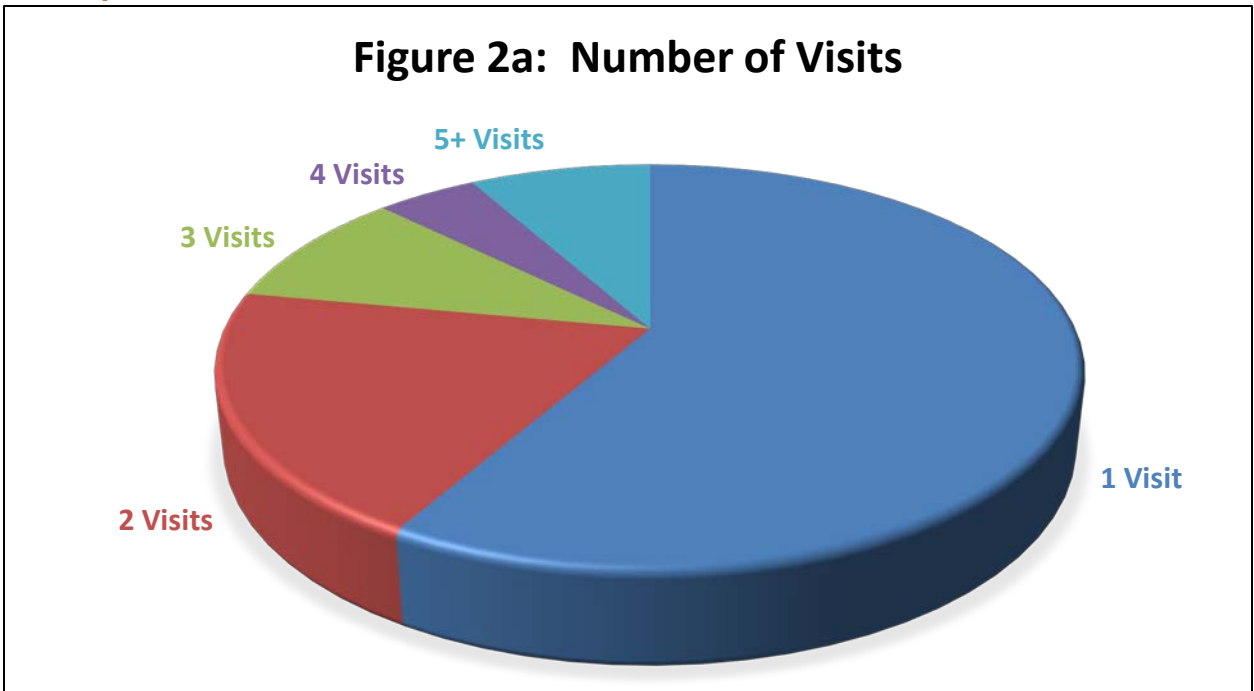
**Vehicles by Week**

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.

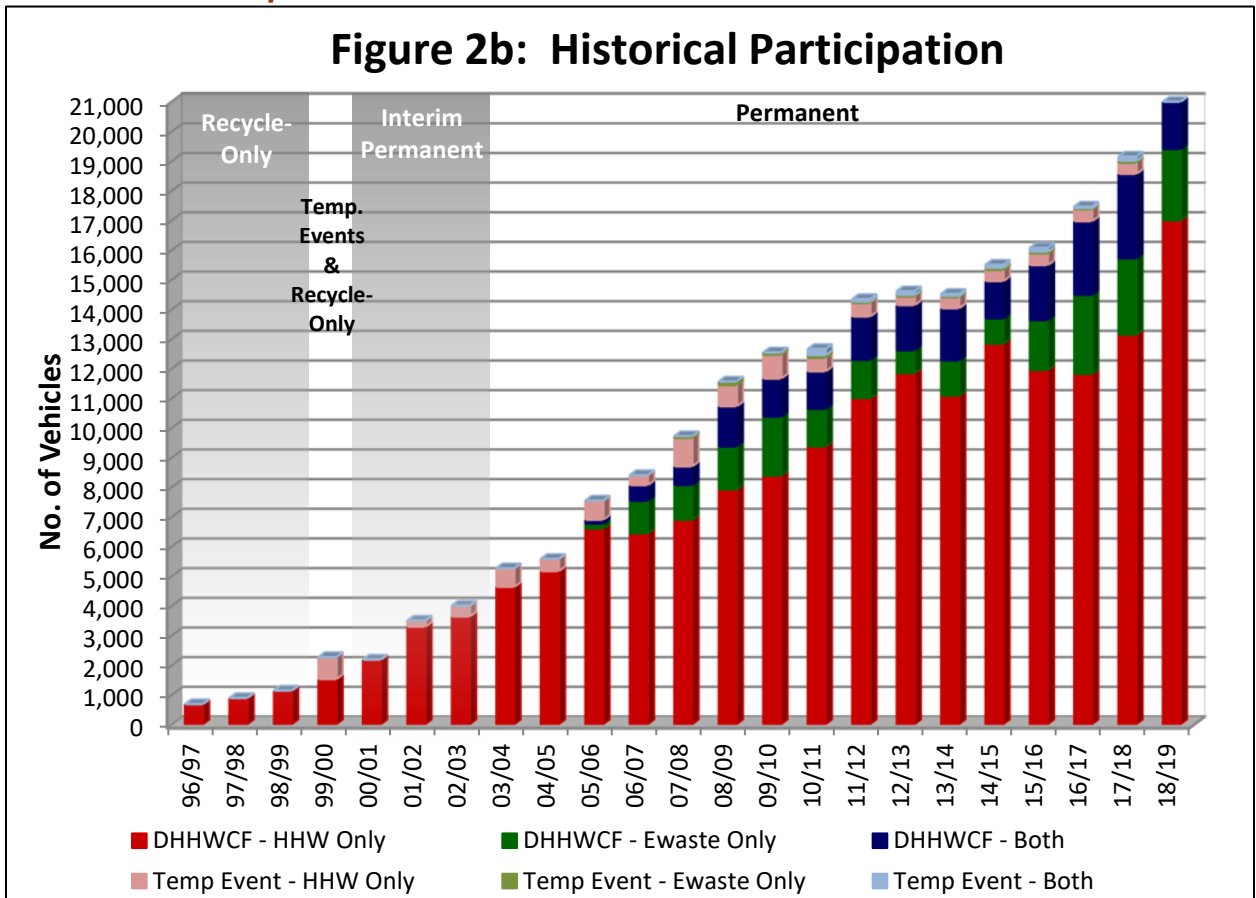


The average number of vehicles per week is 114 for Saturdays, 108 for Fridays, and 115 for Thursdays (HHW vehicles only, no e-waste)

**Participation Statistics**



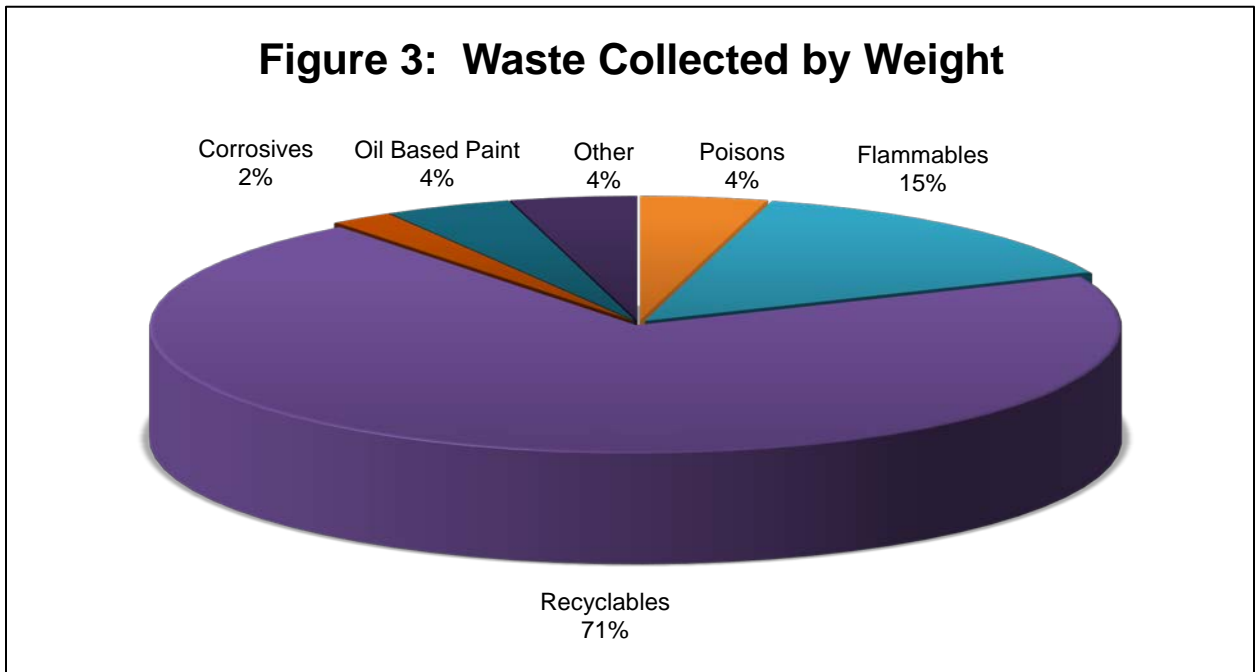
**Historical Participation**



**COLLECTION SUMMARY**

**Waste by Weight**

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





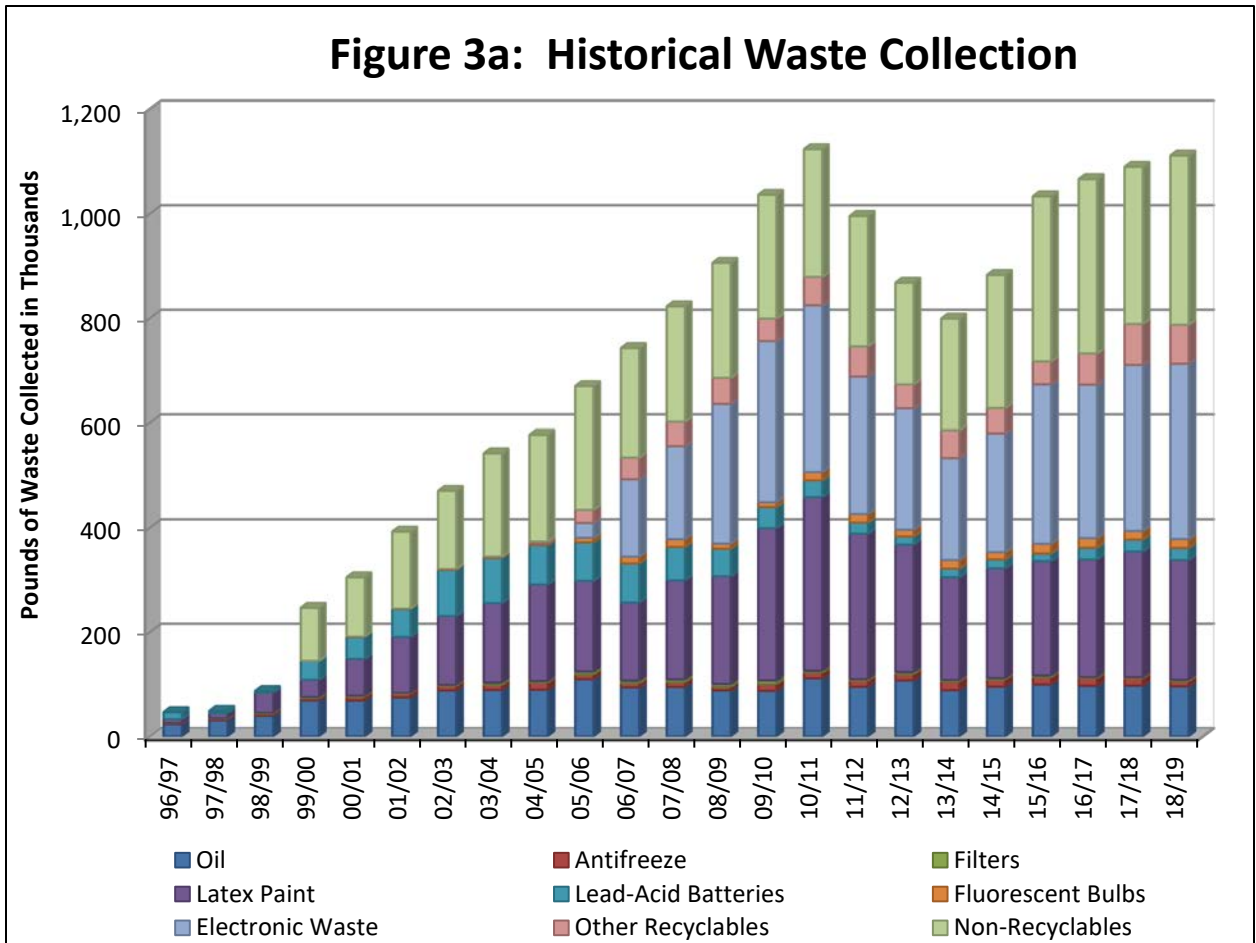
The following table shows the amount of hazardous waste collected through June 30, 2019, with the associated costs (transportation & disposal costs only, no associated labor or supplies). The pounds collected includes the weight of the container and packing material.

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
<b>Reclaimables</b>								
Antifreeze	8,585.0	850.0	952.0		68.0	9,435.0	9,503.0	\$1,332.00
Auto Type Batteries	19,289.0	3,625.0	240.0			22,914.0	22,914.0	\$0.00
Latex Paint	205,778.0	16,000.0	6,673.0		7,891.0	221,778.0	229,669.0	\$0.00
Motor Oil/Oil Products	92,280.0	3,650.0	5,212.0		257.0	95,930.0	96,187.0	\$580.60
Used Oil Filters	2,692.0	75.0	289.0			2,767.0	2,767.0	\$594.00
<b>Subtotal</b>	<b>328,624.0</b>	<b>24,200.0</b>	<b>13,366.0</b>	<b>0.0</b>	<b>8,216.0</b>	<b>352,824.0</b>	<b>361,040.0</b>	<b>\$2,506.60</b>
<b>Universal Waste</b>								
Hg Containing Devices	0.0	0.0				0.0	0.0	\$0.00
Hg Containing Waste (other)	40.0	0.0				40.0	40.0	\$555.00
Fluorescent Tubes/Bulbs	16,566.0	606.0	2,286.0	2,671.0		17,172.0	17,172.0	\$22,303.26
Rechargeable Batteries	10,541.0	405.0	933.0			10,946.0	10,946.0	\$2,549.70
Other Batteries	24,856.0	1,851.0	2,216.0			26,696.0	26,696.0	\$19,854.85
Covered Electronic Devices	166,007.0	1,571.0	7,698.0			166,007.0	166,007.0	(\$13,066.28)
UWEDs	168,243.0	3,607.0	6,851.0			168,243.0	168,243.0	\$13,691.31
Empty Aerosol Containers	0.0	0.0				0.0	0.0	\$0.00
Other Universal Waste	240.0	0.0				240.0	240.0	\$322.50
<b>Subtotal</b>	<b>386,493.0</b>	<b>8,040.0</b>	<b>19,984.0</b>	<b>2,671.0</b>	<b>0.0</b>	<b>389,344.0</b>	<b>389,344.0</b>	<b>\$46,210.34</b>
<b>Other Waste</b>								
Home-generated Sharps	9,362.0	0.0		1,127.0		9,362.0	9,362.0	\$31,941.33
Pharmaceutical Waste	5,564.0	0.0		263.0		5,564.0	5,564.0	\$11,956.50
Compressed Gas Cylinders	14,296.0	1,045.0	211.0			15,341.0	15,341.0	\$12,446.09
Treated Wood	0.0	0.0				0.0	0.0	\$0.00
Non-UW Aerosols	20,810.0	1,625.0	753.0		115.0	22,435.0	22,550.0	\$26,736.00
Empty Drums	155.0	0.0	85.0			155.0	155.0	\$297.00
Cooking Oil	21,267.0	0.0				21,267.0	21,267.0	\$0.00
<b>Subtotal</b>	<b>71,454.0</b>	<b>2,670.0</b>	<b>1,049.0</b>	<b>1,390.0</b>	<b>115.0</b>	<b>74,124.0</b>	<b>74,239.0</b>	<b>\$83,376.92</b>
<b>Non-Reclaimables</b>								
Flammable Liquid/Solid	123,602.0	8,625.0	5,460.0		1,634.0	132,227.0	133,861.0	\$81,446.78
Bulked Flammable Liquids	24,944.0	800.0				25,744.0	25,744.0	\$7,788.00
Oil-based Paints	42,458.0	4,200.0	671.0		710.0	46,658.0	47,368.0	\$0.00

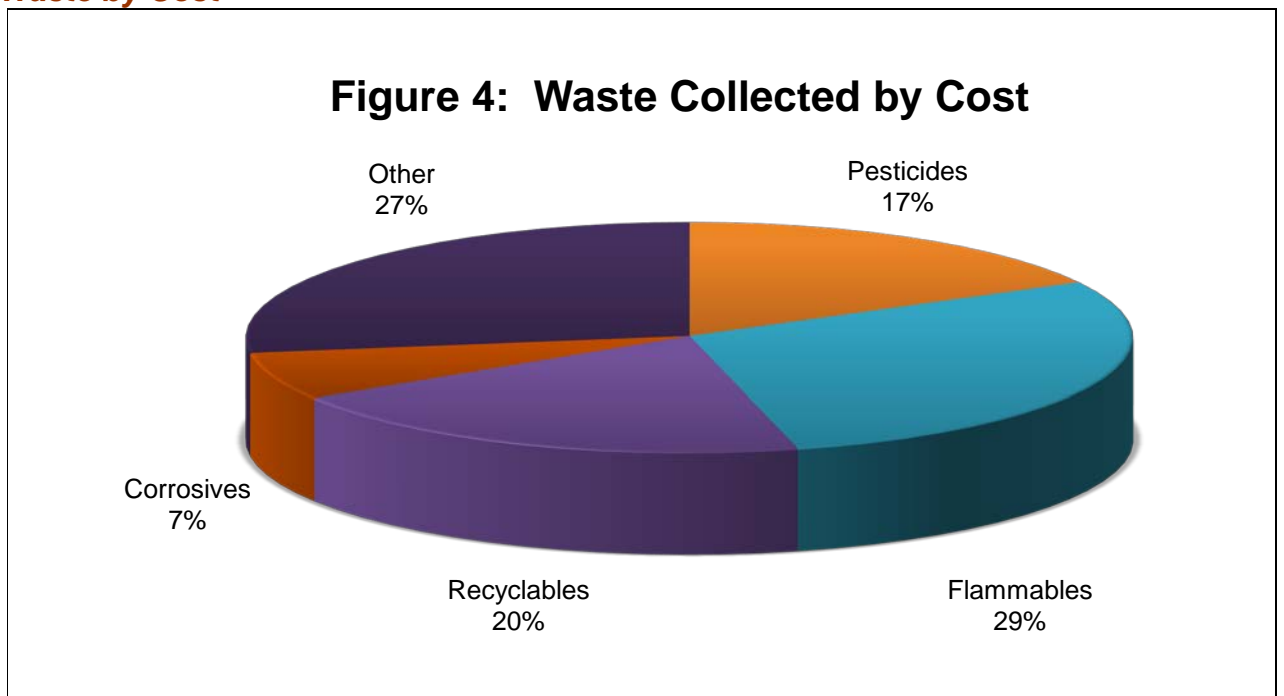
Description	DHHWCF Pounds Collected	Temp Event Pounds Collected	CESQG Pounds Collected	Retail Pounds Collected	Reuse Pounds Distributed	Total Pounds Disposed	Total Pounds Collected	Total Cost
Poisons	42,372.00	3,950.0	1,557.0		891.0	46,322.0	47,213.0	\$53,109.00
Reactive and Explosive	132.0	0.0				132.0	132.0	\$444.00
Acids	5,715.0	775.0	60.0		162.0	6,490.0	6,652.0	\$6,270.00
Bases	13,685.0	1,060.0	23.0		1,382.0	14,745.0	16,127.0	\$14,250.00
Oxidizers	3,327.0	225.0	258.0		207.0	3,552.0	3,759.0	\$7,909.00
PCB-containing Paint	3,750.0	0.0				3,750.0	3,750.0	\$4,115.00
Other PCB Waste	1,767.0	93.0	90.0			1,860.0	1,860.0	\$1,404.00
Asbestos	0.0	0.0				0.0	0.0	\$0.00
<b>Subtotal</b>	<b>261,752.0</b>	<b>19,728.0</b>	<b>8,119.0</b>	<b>0.0</b>	<b>4,986.0</b>	<b>281,480.0</b>	<b>286,466.0</b>	<b>\$176,735.78</b>
<b>CESQG Revenue</b>								<b>(\$4,106.72)</b>
<b>Electronic Manifest Fees</b>								<b>\$487.50</b>
<b>Total</b>	<b>1,048,323.0</b>	<b>54,638.0</b>	<b>42,518.0</b>	<b>4,061.0</b>	<b>13,317.0</b>	<b>1,097,772.0</b>	<b>1,111,089.0</b>	<b>\$305,210.42</b>

The average pounds of waste collected per vehicle was 43 pounds without e-waste and 56 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	\$202,154.00	\$47,696.05	\$50,887.96	\$51,715.89	\$47,678.16	\$197,978.06	2.07%
Transportation & Disposal	\$284,109.00	\$79,909.48	\$72,422.25	\$65,474.27	\$87,404.42	\$305,210.42	-7.43%
Temp Events	\$21,855.00	\$0.00	\$6,588.00	\$0.00	\$9,838.00	\$16,426.00	24.84%
Contract Labor	\$203,247.00	\$46,545.00	\$38,380.50	\$46,183.50	\$46,357.50	\$177,466.50	12.68%
PR/Outreach	\$27,318.00	\$699.00	\$1,398.00	\$1,685.00	\$3,495.00	\$7,277.00	73.36%
Utilities	\$24,040.00	\$6,399.05	\$6,400.83	\$6,401.75	\$6,390.85	\$25,592.48	-6.46%
Maintenance & Repairs	\$13,113.00	\$1,323.97	\$1,810.00	\$8,895.21	\$6,187.80	\$18,216.98	-38.92%
Materials & Supplies	\$8,742.00	(\$73.89)	\$148.36	\$1,121.28	\$1,164.50	\$2,360.25	73.00%
Other Costs	\$13,113.00	\$2,551.34	\$0.00	\$1,526.15	\$329.00	\$4,407.12	66.39%
<b>Total</b>	<b>\$797,691.00</b>	<b>\$185,050.00</b>	<b>\$178,035.90</b>	<b>\$183,003.05</b>	<b>\$208,845.86</b>	<b>\$754,934.81</b>	<b>5.36%</b>

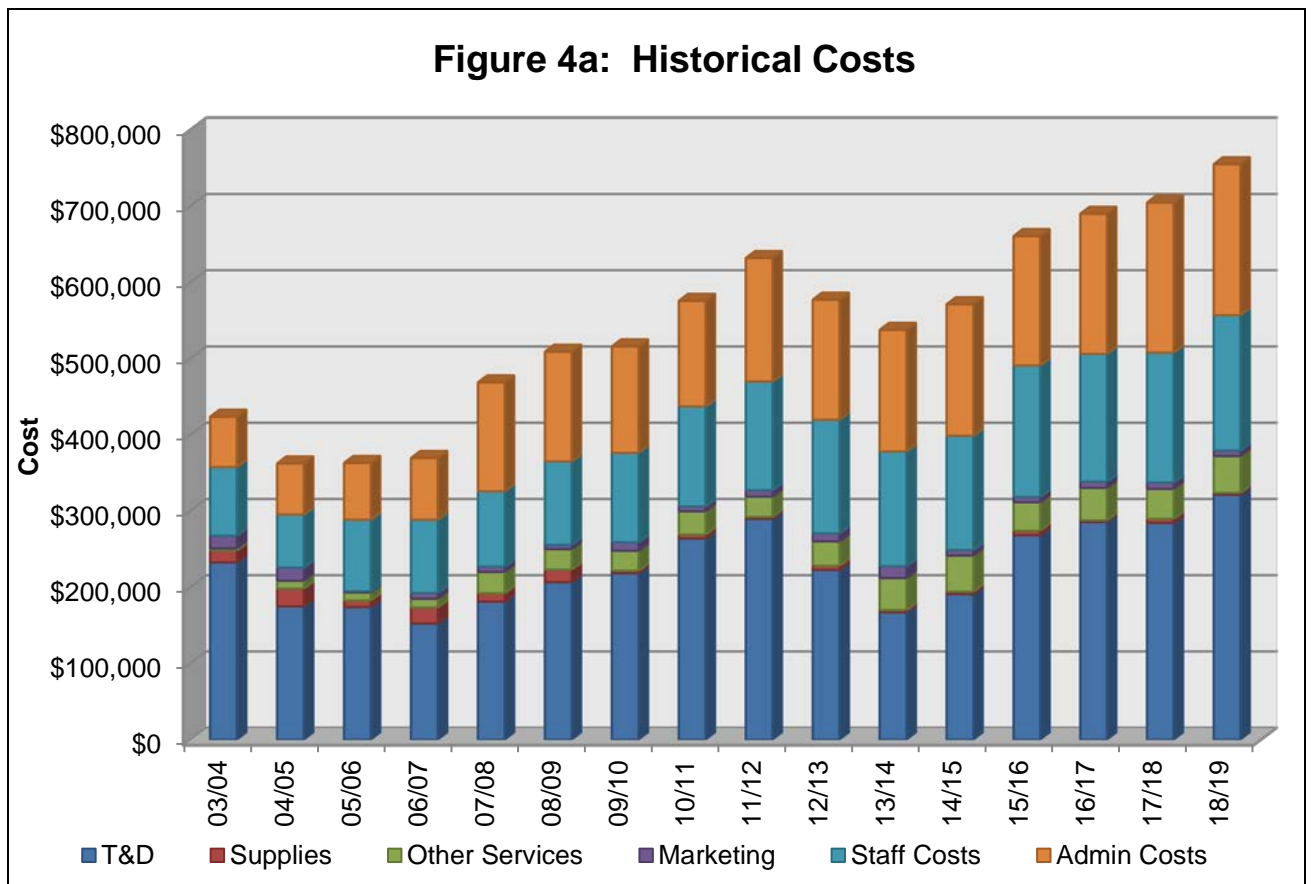
	Budget 18/19	Actual 17/18	Actual 18/19	% Change	Explanation
Admin Costs	\$202,154	\$196,743	\$197,978	.63%	
T&D	\$284,109	\$268,672	\$305,210	13.60%	Due to a 4.5% increase in participation, 2.4% increase in T&D because of contract renewal, and a loss of ewaste revenue.
Temp. Events	\$21,855	\$15,885	\$16,426	3.41%	
Contract Labor	\$203,247	\$170,434	\$177,467	4.13%	
PR	\$27,318	\$8,306	\$7,277	(12.39%)	
Utilities	\$24,040	\$22,426	\$25,593	14.12%	Due to an unexpected rate increase
Maintenance	\$13,113	\$9,658	\$18,217	88.62%	Facility alarm panel replacement caused by a power surge. Because of ongoing issues with the past landscaper, a temporary one was utilized resulting in a higher cost. A new contractor is in place for the 2019/2020 year. Current cost is inline with the original budget.
Materials & Supplies	\$8,742	\$5,262	\$2,360	(55.15%)	
Other	\$13,113	\$7,237	\$4,407	(39.10%)	
<b>Total w/E-waste</b>	<b>\$797,691</b>	<b>\$704,623</b>	<b>\$754,935</b>	<b>7.14%</b>	
<b>Total w/o E-waste</b>	<b>\$797,691</b>	<b>\$710,382</b>	<b>\$754,310</b>	<b>6.18%</b>	
<b>With E-waste</b>					
Pounds		1,089,403	1,111,089	1.99%	
# Cars		19,151	20,005	4.46%	
Cost/Car		\$36.79	\$37.74	2.59%	
Lbs/Car		57.0	56.0	(1.75%)	
<b>Without E-waste</b>					
Pounds		772,692	776,839	.54%	
# Cars		16,513	17,544	6.24%	
Cost/Car		\$43.02			
Lbs/Car		46.8	44.3	(5.34%)	

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

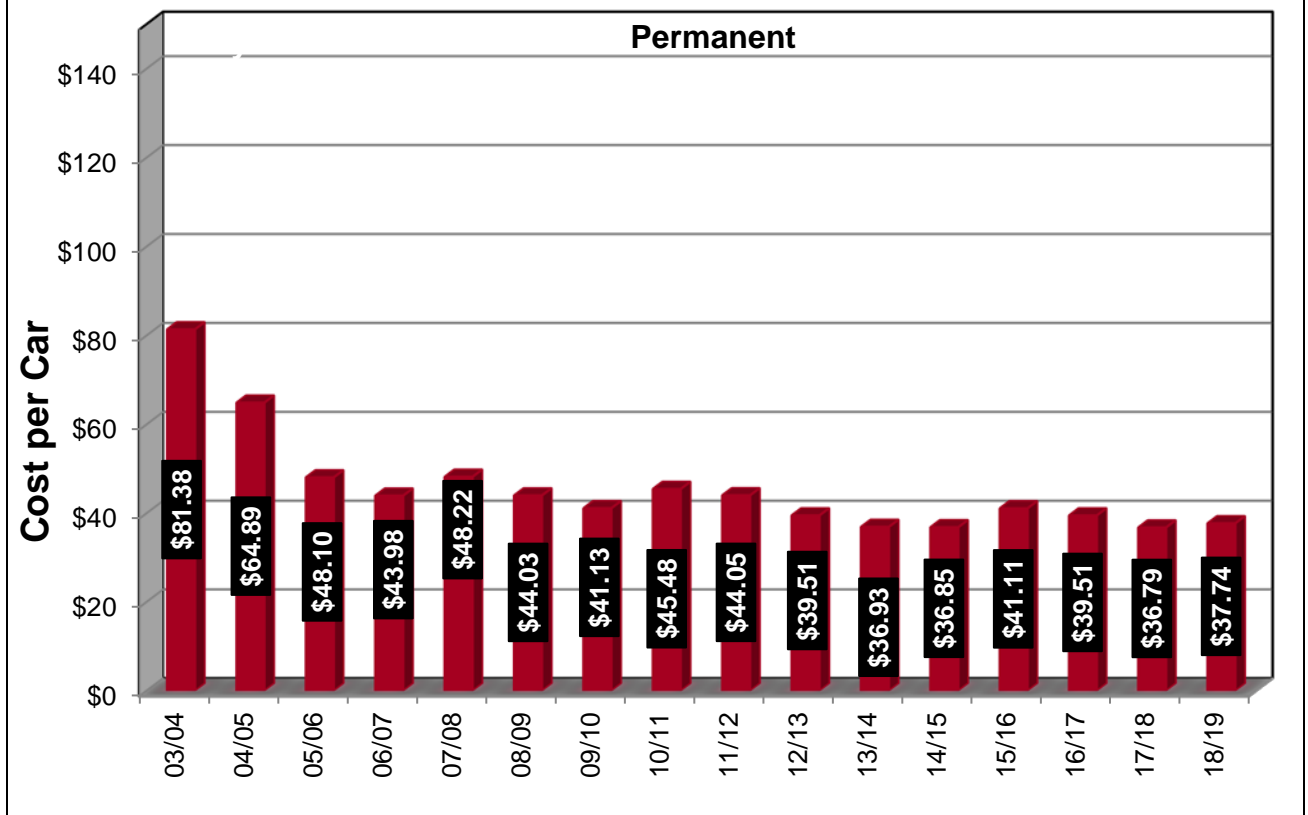
Entity	Budget Allocation	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	YTD	% Rem.
Antioch	\$124,000.00	\$73,666.27	\$50,333.73	\$0.00	\$0.00	\$124,000.00	0.00%
Pittsburg	\$75,000.00	\$42,858.88	\$32,141.12	\$0.00	\$0.00	\$75,000.00	0.00%
Brentwood	\$140,872.33	\$31,259.84	\$35,065.52	\$29,592.88	\$38,840.36	\$134,758.60	4.34%
County	\$94,665.58	\$13,820.14	\$14,539.36	\$13,255.58	\$20,619.48	\$62,234.56	34.26%
District	\$270,541.26	\$534.70	\$22,104.02	\$115,923.04	\$122,286.13	\$260,847.89	3.58%
Oakley	\$92,611.93	\$22,910.17	\$23,852.15	\$24,231.55	\$27,099.89	\$98,093.76	(5.92%)
<b>Total</b>	<b>\$797,691.00</b>	<b>\$185,050.0</b>	<b>\$178,035.90</b>	<b>\$183,003.05</b>	<b>\$208,845.86</b>	<b>\$754,934.81</b>	<b>36.26%</b>

The average cost per vehicle comes to \$38 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 FY18/19:

Event Location EPA ID	Date	# Vehicles (prior year vehicles)	Pounds Collected	Cost
<b>Brentwood</b> – Transfer Station CAH 111 001 407	10/13/18	237 (198)	21,474	\$14,427.03
<b>Oakley</b> – Dupont Parking Lot CAH 111 001 131	05/11/19	190 (140)	18,683	\$10,857.64
<b>Far East</b> – Discovery Bay Elem. School CAH 111 001 174	06/15/19	169 (246)	14,481	\$9,294.56
<b>Total</b>		<b>596 (584)</b>	<b>54,638</b>	<b>\$34,579.23</b>

October 9, 2019

REVIEW AND COMMENT ON DRAFT STRATEGIC COMMUNICATIONS PLAN

RECOMMENDATION

Review and comment on Draft Strategic Communications Plan.

Background Information

In Fiscal Year 2018/2019 (FY18/19), the District established an initiative under the “Stakeholder Engagement” goal area of its Strategic Business Plan to “Develop strategic planning framework to guide proactive public information and outreach activities and ensure alignment with key District initiatives.” Staff has prepared a draft Strategic Communications Plan (attached) to complete this initiative and will present key elements of the plan for review and comment at the October 9, 2019, Board Meeting.

Analysis

As a nationally-recognized industry leader and “Utility of the Future,” the District values strong collaboration and engagement with the local community and key stakeholders, transparency, and serving as responsible stewards of the public’s resources and trust. The plan is intended to: 1) guide communications activities by identifying key focus areas, stakeholders, and messaging points, while providing goals and strategies that form the basis of the District’s communications framework; 2) provide a reference document for District staff to support consistent communications and raise overall awareness; and 3) identify objectives to continue enhancing public communications and outreach efforts.

The plan identifies key challenges facing the District, and key communications focus areas, stakeholders, communications methods, and high-level messaging points. Key challenges include aging infrastructure, regulatory drivers, use of specific consumer products, pollution prevention, use of social media, and loss of recycled water users. Key focus areas include:

- Infrastructure Investment/CIP
- Budget/Rates
- East County Bioenergy Project
- Nutrient Management
- “No Wipes in the Pipes” Campaign
- Street Sweeping
- Pollution Prevention
- Construction Projects in Communities
- Household Hazardous Waste Collection Facility
- Recycled Water
- Plant Tour Programs
- Bay Area Biosolids Coalition
- Emerging Contaminants

The Strategic Communications Plan includes four major goals with a total of 14 associated strategies to assist the District in meeting these goals.

1. Enhance customer awareness regarding District services, initiatives, projects, and emerging issues
2. Support key District sustainability and future regulatory compliance initiatives
3. Reinforce pollution prevention efforts
4. Support workforce development in both the local community and regional Bay Area



Staff has identified both near- and long-term initiatives to guide implementation of the District's communications efforts over the next two years. In addition, staff included a new Strategic Business Plan Initiative under "Stakeholder Engagement" in its presentation of proposed FY19/20 initiatives at the September 11, 2019, Board Meeting:

- Enhance external website content and public information materials, and develop targeted fact sheets (e.g., infrastructure investment, nutrient management, rates/budget) in support of the District's Strategic Communications Plan.

Staff intends to monitor progress toward completing the initiatives included in the plan and will provide periodic updates to the Board to review progress and recommended changes to the plan, as needed.

#### Financial Impacts

The Strategic Communications Plan was completed using internal staff resources. Sufficient funding is available in the FY19/20 operating budget to complete the proposed initiatives included in the Strategic Communications Plan.

#### Attachment

Draft Strategic Communications Plan, October 2019

Prepared by:   
Carol Margetich  
Business Services Director

cc: District File: CORP .01.05





**Introduction** As a nationally-recognized industry leader and “Utility of the Future,” Delta Diablo (District) values strong collaboration and engagement with the local community and key stakeholders, transparency, and serving as responsible stewards of the public’s resources and trust. Because the wastewater sector is heavily regulated with new and emerging issues competing with aging infrastructure, regulatory compliance obligations, and financial pressures, there are numerous opportunities for engagement with the public and key stakeholders.



**Purpose** This Strategic Communications Plan is intended to:



- Guide communications activities over the next two years by identifying key focus areas, stakeholders, and messaging points, while providing goals and strategies that form the basis of the District’s strategic communications framework
- Provide a reference document for District staff to support consistency in communications and raise overall staff awareness on key issues
- Identify specific near- and long-term objectives to continue enhancing the District’s public communications and outreach efforts

This document supports implementation of the District’s overall Strategic Business Plan, which includes “Stakeholder Engagement” as one of five key goal areas.

**Key Stakeholders** The District communicates on a broad range of issues with a diverse and dynamic set of stakeholders, including customers (residential, commercial, industrial), elected officials, regulators, municipalities, peer agencies, wastewater industry associations, media representatives, homeowners associations, developers, local schools and educational institutions, community leaders, and non-governmental organizations. The District will strategically consider the intended audience and key stakeholders as planned communications on critical and non-critical issues are developed.



**Challenges** The District faces a number of challenges that present opportunities for effective public and stakeholder engagement:



- Aging infrastructure with limited funding available
- Long-term regulatory drivers (e.g., nutrient removal requirements, biosolids management) with significant capital costs and ongoing future operation and maintenance (O&M) costs
- Specific consumer products with impacts to wastewater collection and treatment system operational reliability and costs (i.e., “flushable” wipes)
- Maintaining an effective pollution prevention program
- Expanding communications methods to include social media platforms with limited staffing resources

## About Delta Diablo

Delta Diablo is a special district that provides wastewater conveyance and treatment services for over 213,000 residents in Antioch, Pittsburg, and Bay Point.

The District treats 13 million gallons of wastewater each day with a focus on exemplary regulatory compliance, innovative and sustainable approaches, and sound stewardship of the public’s resources and trust.

The District has transformed its Wastewater Treatment Plant (WWTP) into a “water resource recovery facility” by:

- ❖ Producing 6 million gallons of recycled water per day
- ❖ Generating on-site renewable energy to meet over 60% of WWTP power needs
- ❖ Reusing residual biosolids as fertilizer via land application
- ❖ Providing household hazardous waste (HHW) collection services
- ❖ Protecting the Delta by providing street sweeping services to remove pollutants that would enter local stormwater systems

## Our Mission

Protect public health and the environment in our communities by providing wastewater resource recovery services of exceptional quality and value.



**Key Focus Areas** The following table highlights key focus areas, primary stakeholders and/or audience, communications methods, and high-level messaging points:



Key Focus Area	Description	Stakeholders/Audience*	Communic. Methods**	High-level Messaging Points
<b>Infrastructure Investment/CIP</b>	Address aging infrastructure needs in cost-effective manner	C, E	W, FS, N, M	Assessing infrastructure condition w/prioritized CIP to maintain operational reliability; developing Asset Management Program, master plan
<b>Budget/Rates</b>	Effectively communicate drivers for budget and rate increases	C, E	W, FS, N, M	Continuing to drive organizational excellence with strong environmental stewardship, public health, and financial sustainability focus; conducting Cost-of-Service Study; long-term nutrient limits; exceeding minimum financial reporting to increase transparency
<b>East County Bioenergy Project</b>	Innovative organics co-digestion project under public-private partnership	C, E, R, I	W, FS, M	Need funding to support project economics, and EPA support to establish higher-value pathway credit for energy production via co-digestion; innovative effort with long-term sustainability focus
<b>Nutrient Management</b>	Regulatory driver with high future capital, O&M costs	C, R, I	W, FS, N, M	Planning for the future with intent to minimize potential for sharp rate increases; advocating for science-based approach to regulations through Bay Area Clean Water Agencies (BACWA)
<b>“No Wipes in the Pipes” Campaign</b>	Regional campaign to reduce O&M impacts from consumer product use	C, E, R, M, CG	W, B, PR, A	“Flushable” wipes clog sewer pipes and can cause sewer backups and/or overflows
<b>Street Sweeping</b>	Address complaints, ensure route awareness	C	W, B, P	Protecting Delta water quality by preventing contaminants from entering stormwater systems
<b>Pollution Prevention</b>	Potential regulatory compliance threats	C, R, CG	W, M, P, A, S	Comply w/requirements, best management practices, fats, oils, grease (FOG) control, proper HHW disposal
<b>Construction Projects in Communities</b>	Sewer rehabilitation or replacement projects w/potential traffic, noise impacts	C, CG	W, N	Need to maintain critical wastewater collection system infrastructure; minimizing potential for traffic, noise impacts; District contact provided to address issues
<b>HHW Collection Facility</b>	Ensure awareness of regional facility and high utilization	C, M	W, B, A	Regional facility capable of receiving and recycling diverse range of wastes; open Thu/Fri/Sat only
<b>Plant Tour Program</b>	Opportunity to share District services, focus areas	C, E, R, CG	W, S	Wide range of District services; WWTPs as Water Resource Recovery Facilities; environmental stewardship; embracing innovation
<b>Bay Area Biosolids Coalition</b>	Regional collaboration. to support long-term options	C, E, R, P, I	W, M	Seeking regional collaboration to meet long-term biosolids management need in cost-effective manner
<b>Emerging Contaminants</b>	Regulatory compliance, public perception threats	C, E, R, M, P, I	W, FS	Heavily regulated industry with ongoing research to assess emerging contaminant impacts and treatment approaches

\* **Stakeholders/Audience:** C = Customers      R = Regulators      P = Peer Agencies      CG = Community Groups  
 E = Elected Officials      M = Media Reps.      I = Industry Associations

\*\* **Communication Methods:** W = Website      FS = Fact Sheet      B = Brochure      PR = Press Releases  
 N = Notice      M = Meetings or Conferences      P = Phone      A = Advertisements/Public Service Announcements  
 S = School Outreach

The District will consider development of appropriate performance indicators to measure the effectiveness of communication efforts.

**Strategic Planning Framework** The following goals and strategies are intended to serve as the foundation for the District’s communications plan:

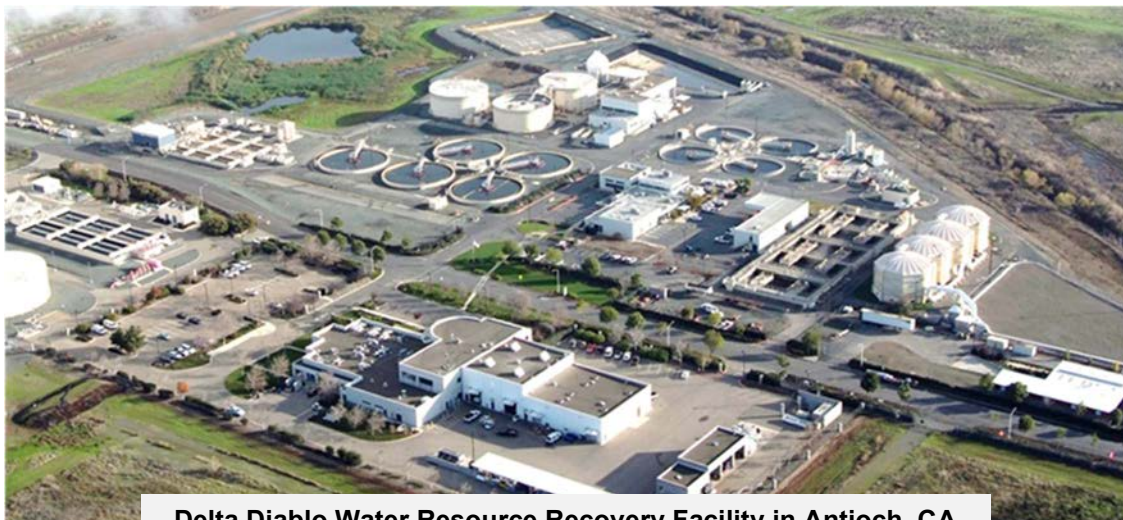


Goals	Strategies
<p><b>1 Enhance customer awareness regarding District services, initiatives, projects, and emerging issues</b></p>	<ul style="list-style-type: none"> <li>▪ Maintain an updated external website with timely, relevant information with expanded use to communicate key, consistent District messaging points.</li> <li>▪ Ensure transparent, informative communications materials are provided in support of rate-setting, budget, and CIP approval processes (i.e., Prop. 218 Notice, fact sheets, website content).</li> <li>▪ Apply a diverse approach to communication methods, including consideration of website content, direct public notices, fact sheets, targeted meetings, brochures, phone calls, and social media platforms.</li> <li>▪ Participate in relevant speaking engagements in the local community to convey applicable District messaging points.</li> <li>▪ Ensure timely public notification with relevant information during construction projects in the local community.</li> <li>▪ Leverage resources at the regional (BACWA), state (CASA), and national (NACWA, WEF) level to address emerging contaminants.</li> <li>▪ Evaluate potential options to expand use of social media platforms.</li> </ul>
<p><b>2 Support key District sustainability and future regulatory compliance initiatives</b></p>	<ul style="list-style-type: none"> <li>▪ Advocate for state and/or federal funding and regulatory agency support for the East County Bioenergy Project by highlighting key project benefits, as well as key barriers to project implementation.</li> <li>▪ Engage with regulators via BACWA to maintain focus on a science-based, collaborative approach to nutrient management; and highlight proactive financial planning efforts to address this long-term regulatory driver.</li> </ul>
<p><b>3 Reinforce pollution prevention efforts</b></p>	<ul style="list-style-type: none"> <li>▪ Develop and implement targeted communications strategies and methods for priority issues, including FOG and HHW to reduce the potential for operational reliability impacts.</li> <li>▪ Develop and implement strategies and methods to alter consumer product use to address operational impacts of improperly disposed items (e.g., “No Wipes in the Pipes,” “Toilet Is Not a Trashcan” campaigns).</li> <li>▪ Communicate needs for compliance with pretreatment requirements, application of best management practices, and proper hazardous waste disposal to commercial and industrial customers.</li> </ul>
<p><b>4 Support workforce development in both the local community and regional Bay Area</b></p>	<ul style="list-style-type: none"> <li>▪ Develop and maintain relationships with local high schools and community colleges, and facilitate plant tours, career pathway engagement, and potential internships.</li> <li>▪ Communicate District needs and career opportunities via regional Bay Area association workforce development efforts, including BAYWORK/BACWWE and CWEA SF Bay Section.</li> </ul>

**Key Initiatives** The following specific initiatives are intended to guide implementation of the District's Strategic Communications Plan over the next two-year period:



Description	Completion Date
<b>Near-term Initiatives</b>	
1. Increase external website use to provide timely information to the public regarding key District initiatives and activities; engage with staff at all levels regularly to solicit ideas and develop content.	Ongoing
2. Develop new general information brochure(s) that reflects key focus areas and initiatives.	Jan 2020
3. Develop "Infrastructure Investment", "Financial Sustainability", "Nutrient Management" fact sheets for posting to external website to support FY20/21 budget, rates, and CIP approval processes.	Mar 2020
4. Provide "Media Training" for Executive Team members.	Mar 2020
5. Develop recommendations for expanding public outreach materials to include alternative language versions (e.g., Proposition 218 Notice, fact sheets) based on a summary of service area demographics.	Dec 2019
6. Identify opportunities to increase public awareness of "No Wipes in the Pipes" campaign.	Ongoing
7. Prepare updated fact sheet and related materials for East County Bioenergy Project.	Mar 2020
8. Monitor emerging contaminants of concern issues via participation in industry associations and provide links to relevant fact sheets on external website, as needed.	Ongoing
<b>Long-term Initiatives</b>	
1. Evaluate the benefits and feasibility of preparing a District newsletter for annual distribution to customers, potentially in concert with issuance of Proposition 218 Notice.	Jun 2020
2. Evaluate options to increase use of social media (e.g., Facebook, Twitter, Nextdoor) to provide information to and receive feedback/questions from the public, as well as leveraging outside agency platforms.	Dec 2020
3. Enhance the Water Resource Recovery Facility tour program by installing designated stations with interpretive signs highlighting the District's resource recovery and regulatory compliance efforts.	Jun 2021



**Delta Diablo Water Resource Recovery Facility in Antioch, CA**

ITEM J

October 9, 2019

RECEIVE MONTHLY LOBBYIST REPORT DATED SEPTEMBER 2019, 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 2019, which was produced by KA and distributed to members of the Western Recycled Water Coalition.

Financial Impact

None


Attachment

Monthly Report, September 2019

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 30, 2019

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

### **Infrastructure**

Currently, there are three obstacles preventing any movement on a mega infrastructure bill, per Chairman DeFazio – the unwillingness of the White House to meet on the issue; the animosity between the White House and congressional Democrats regarding a number of non-policy matters; and the lack of agreement on how to pay for the bill. Notwithstanding all of these, there still is support within the Administration and the Congress for a bill, and that's coming from both parties in both Houses. Whether anything on infrastructure materializes in the remaining months of the year is becoming more and more unlikely.

### **S. 1932, “Drought Resiliency and Water Supply Infrastructure Act”**

To review, introduced on June 20 by Senator Cory Gardner (D-CO) with cosponsors Senators Feinstein, McSally (R-AZ) and Sinema (D-AZ). The bill was referred to the Energy and Natural Resources Committee. McSally is the Chair of its Water and Power Subcommittee. Gardner is a member of the Subcommittee. Feinstein and Sinema are not on the Committee. The bill would authorize for FY19-24 \$670M for surface and groundwater storage projects, \$100M for water recycling projects, and \$60M for desalination projects. It would also create a new loan program at 30-year Treasury rates for water supply projects known as the Reclamation Infrastructure Finance and Innovation Act (RIFIA). The \$150M authorized for the program would make available \$8 to \$12B in lending authority for the low interest loans. The loans would use existing criteria under the WIFIA program, with projects for funding to be recommended by the Bureau of Reclamation, and with the loans to be administered by EPA. The bill would also authorize \$140M for restoration and environmental compliance projects. The bill provides offsets, one of which is a process to de-authorize inactive water recycling projects – projects for which no Federal or sponsor funds were spent on construction in the past 10 years, with an allowance of two and one-half years to spend funds to prevent de-authorization.

***Status Update: Per John Watts on Sept. 26, the Committee is working toward a November markup of the bill.***

## **H.R. 1162, the “Water Recycling Investment and Improvement Act”**

To review, on Feb.13, the Congresswoman Napolitano introduced the above bill (with 17 cosponsors, now 26– all Dems) which the Coalition supports. The Coalition supported her bill last Congress. Two changes were made from last year’s version: the EPA grant program was dropped so the focus could be on Title XVI; and, the cap on the Federal share for individual projects was increased from \$20M to \$30M. Per the Congresswoman’s office, the following summary was provided:

- Increases the WIIN Act authorization for Title XVI from \$50 million to \$500 million
- Makes the WIIN Act Title XVI program permanent as it currently expires in 2021.
- Strikes the requirement that projects must be in drought or disaster areas
- Strikes the requirement that the projects need to be designated in an appropriations legislation
- Increase the limitation on the federal share of individual Title XVI projects from the current \$20 million in October 1996 prices to \$30 million in January 2019 prices.

*Does not change the 25% federal cost share.*

On June 13, the Subcommittee on Water, Oceans, and Wildlife (WOW) of the House Natural Resources Committee held a hearing on the bill.

***Status Update: Per Joe Sheehy on Sept. 27, we are pushing to have it done soon. I think the Committee is working out some political issues on water before they decide how and when to move water bills. As you may have noticed, they have not moved any water bills recently.***

## **H.R. 2473, “Securing Access for the Central Valley and Enhancing (SAVE) Water Resources Act**

To review, introduced on May 2 by Congressman Josh Harder (D-CA-10) with 7 cosponsors – all CA Dems including Reps. Napolitano, McNerney and Panetta. Note: on Feb. 28, the Coalition met with Harder’s staff in DC and were told that he was working on a water bill. The official summary of the bill is not online. However, in general the bill provides \$100M for Title XVI WIIN grants from deposits made to the Reclamation Fund; authorizes \$150M for a reclamation infrastructure finance and innovation pilot program; increases the current Title XVI WIIN grant authorization from \$50M to \$500M (the same increase as in Cong. Napolitano’s H.R. 1162) and raises the Federal share cap from \$20M to \$30M; and, establishes a water technology investment program to expand use of technology for improving the availability and resiliency of water supplies and power delivers, and authorizes \$5M per fiscal year for the program. The bill was referred to the Natural Resources Committee. On June 13, the Subcommittee on Water, Oceans, and Wildlife (WOW) of the House Natural Resources Committee held a hearing on the bill.

***Status Update: Same as above.***

## **Coalition Projects Bill**

Per Mike Stover (Congressman McNerney) we have a final on the bill text (reviewed by the Coalition). Said he is running the “final traps” before introduction. No further update. No word from Catherine Pomposi (Senator Harris) regarding my meeting request to discuss the Coalition’s request that the Senator introduce the projects bill.

*Status Update: Per Mike Stover on Sept. 26, my hope is to connect with the other offices next week, then finally get this thing introduced during our October work period. It’s at the top of the list, that’s for sure.*

## **DeFazio H.R.1497, the “Water Quality Protection and Job Creation Act of 2019.”**

To review, on March 5<sup>th</sup>, Chair DeFazio, Subcommittee Chair Napolitano, and Representatives Don Young and John Katko introduced the above bill (now with 47 cosponsors) which the Coalition sent a letter of support to the Committee. The bill:

- Authorizes \$20 billion in Federal grants over five years for Clean Water SRFs.
- Authorizes \$1.5 billion over five years for grants to implement state water pollution control programs.
- Provides \$600 million over five years for Clean Water pilot programs (including Federal technical assistance and/or grants) for watershed-based or system-wide efforts to address wet weather discharges, to promote storm water best management practices, to undertake integrated water resource management, and to increase the resiliency of treatment works to natural or man-made disasters.
- Authorizes \$375 million in grants over five years for alternative water source projects including projects that reuse wastewater and storm water to augment the existing sources of water.

Status Update: Per the Committee majority on Sept. 27, no decision on markup schedule at this time. To review, concern has been raised by the T&I Republicans regarding our requested amendment to the Alternative Water Source program that would prohibit recycled water projects that have received construction funds (as opposed to any funds) from applying for funds under the program.

## **McNerney “West Act”**

To review, Congressman McNerney is breaking up his omnibus WEST Act of last Congress and will be introducing pieces that go to specific committees of jurisdiction. For example, he has introduced two bills (on April 2 and May 16), both entitled the “Smart Energy and Water Efficiency Act of 2019,” one referred to the Science Committee, the other to the Energy and Commerce, Natural Resources and T&I Committees.

## **FY20 Appropriations in General**

On September 27, the President signed into law the FY20 Continuing Resolution to fund the



government until November 21<sup>st</sup>. Previously, on September 19<sup>th</sup>, the House, on a bipartisan vote of 301-123, passed the Resolution. That action was necessary given the House has passed only 10 of 12 appropriations bills and the Senate has reported (not passed) only 9 of 12. The Senate followed suit with passage on September 26<sup>th</sup>, also on a bipartisan vote of 81-16.

### **FY20 Interior Appropriations Bill**

The House has decided to package appropriations bills into what they call “minibuses” rather than consider bills individually on the Floor. On June 25, the House passed a minibus that includes the FY20 Interior Appropriations Bill providing \$1.810B for the Clean Water SRF, \$1.3B (the amount authorized by the Americas Water Infrastructure Act of 2018) for the Safe Drinking Water SRF, and \$50M for WIFIA.

On September 26<sup>th</sup>, the Senate reported its version of the bill which provides \$1.638B for the CWSRF, \$1.13B for the SDWSRF, and \$65M for WIFIA.

### **FY20 Energy and Water Appropriations Bill**

On June 19, the House passed its version of the FY20 Energy and Water Appropriations bill as part of another minibus which provides \$63.617M for Title XVI (of which \$10M is for the Title XVI WIIN grant program) and \$60M for WaterSMART, and lists the names of the FY18 USBR Title XVI grant awardees, as required by law.

On September 12, the Senate reported its version of the bill which provides \$65.017M for Title XVI, of which \$20M is for Title XVI WIIN grants, and \$60M for WaterSMART.

### **WIIN Grants**

The FY19 funding opportunity of \$20M for Title XVI recycled water projects under the WIIN Act is in process. There were 19 applications, decisions having been made subject to review. Per above, the list of FY18 awardees is included in the FY20 House Energy and Water Appropriations Bill which also includes \$10M for Title XVI WIIN grants. The list was not included in the Senate bill or the Continuing Resolution.

### **Bill Tracking**

**NOTE: the summary of bills will appear only once but can be made available as requested.**

#### **S.611 — Water Affordability, Transparency, Equity, Reliability Act of 2019**

Sponsor: Sen. Sanders, Bernard [I-VT] (Introduced 02/28/2019) Cosponsors: (2, now 3)

Committees: Environment and Public Works

#### **S.1518 — Rebuild America Now Act**

Sponsor: Sen. Sullivan, Dan [R-AK] (Introduced 05/16/2019) Cosponsors: (4)

Committee: Environment and Public Works. To improve the processes by which environmental documents are prepared and permits and applications are processed and regulated by Federal

departments and agencies, and for other purposes.

**H.R.1764 —To amend the Federal Water Pollution Control Act with respect to permitting terms, and for other purposes.**

**Sponsor:** Rep. Garamendi, John [D-CA-3] (Introduced 03/14/2019) **Cosponsors:** (8)

**Committees:** House - Transportation

**S.40 —Bureau of Reclamation Transparency Act**

**Sponsor:** Sen. Barrasso, John [R-WY] (Introduced 01/08/2019) **Cosponsors:** (1) **Committees:** Energy and Natural Resources

**H.R.180 —Build America Act of 2019**

**Sponsor:** Rep. Hastings, Alcee L. [D-FL-20] (Introduced 01/03/2019) **Cosponsors:** (7, now 10)

**Committees:** Transportation and Infrastructure and Ways and Means

**S.146 —Move America Act of 2019**

**Sponsor:** Sen. Hoeven, John [R-ND] (Introduced 01/16/2019) **Cosponsors:** (1)

**Committees:** Finance

**H.R.658 —National Infrastructure Development Bank Act of 2019**

**Sponsor:** Rep. DeLauro, Rosa L. [D-CT-3] (Introduced 01/17/2019) **Cosponsors:** (60, now 61)

**Committees:** Energy and Commerce, Transportation and Infrastructure, Financial Services and Ways and Means

**S.353 —RAPID Act**

**Sponsor:** Sen. Cornyn, John [R-TX] (Introduced 02/06/2019) **Cosponsors:** (1)

**Committees:** Environment and Public Works

**S.403 —IMAGINE Act**

**Sponsor:** Sen. Whitehouse, Sheldon [D-RI] (Introduced 02/07/2019) **Cosponsors:** (5, now 7)

**Committees:** Environment and Public Works

**H.R.880 —Surface Transportation Investment Act of 2019**

**Sponsor:** Rep. Brownley, Julia [D-CA-26] (Introduced 01/30/2019) **Cosponsors:** (1)

**Committees:** Ways and Means and Transportation and Infrastructure