

**COMMISSION OF SILICON VALLEY CLEAN WATER
JOINT POWERS AUTHORITY
SPECIAL MEETING – Thursday, August 23, 2018
8:00 a.m.**

Place: Pelican Conference Room
Silicon Valley Clean Water
1400 Radio Road, 2nd Floor
Redwood City, California

COMMISSIONERS

COUNCIL MEMBER JOHN SEYBERT, REDWOOD CITY – CHAIR
COUNCIL MEMBER WARREN LIEBERMAN, PhD., BELMONT – VICE CHAIR
BOARD MEMBER GEORGE S. OTTE, P.E., WEST BAY SANITARY DISTRICT – MEMBER
MAYOR ROBERT GRASSILLI, SAN CARLOS – SECRETARY

MANAGER: TERESA A. HERRERA

ATTORNEY FOR THE AUTHORITY: CHRISTINE C. FITZGERALD

CONTROLLER: KIMBRA MCCARTHY

AMERICANS WITH DISABILITIES ACT

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact SVCW (650) 591-7121. Notification in advance of the meeting will enable the Authority to make reasonable arrangements to ensure accessibility to this meeting.

AGENDA

1. CALL TO ORDER
2. ROLL CALL
3. PLEDGE OF ALLEGIANCE
4. PUBLIC COMMENT

Any member of the public may address and ask questions of the Chair under this item relating to any matter within the Commission's jurisdiction that does not appear as a separate item on the Agenda. An opportunity will be provided for members of the public to address the Chair and ask questions about any item that is listed on the agenda at the time the Commission considers the item and before action is taken. If you address the Commission on a non-agenda item, please be aware that the Ralph M. Brown Act (Gov. C. § 54950 et seq.) prohibits the Commission from acting on or discussing such matters at this meeting. Any such item may be referred to staff for a decision with regard to placing it on a future agenda for discussion, action or a report.

5. SAFETY MOMENT and REPORTS

- A. Safety Moment
- B. Manager's Report (verbal)
- C. Financial Reports
 - 1. Investment Report June 30, 2018
 - 2. Budget to Actual Variance Report June 30, 2018
- D. Engineering Projects Status Update July 2018
- E. Commission Requested Staff-Level Action Items
- F. RESCU Program Project Status July 2018

6. MATTERS OF COMMISSION MEMBERS INTEREST

7. CONSIDERATION OF MOTION APPROVING CONSENT CALENDAR

8. BUSINESS ITEMS

- A. CONSIDERATION OF RESOLUTION AWARDING CONSTRUCTION CONTRACT FOR THE CONTROL BUILDING HVAC IMPROVEMENTS PROJECT (CAPITAL PROJECT #259)

Proposed Action: Move adoption of RESOLUTION APPROVING CONTRACT DOCUMENTS AND ACCEPTING BID OF LOWEST RESPONSIBLE BIDDER FOR THE CONTROL BUILDING HVAC IMPROVEMENTS (CIP #259); REJECTING ALL OTHER BIDS, AUTHORIZING EXECUTION OF AGREEMENT FOR SAID WORK, DIRECTING RETURN OF SECURITY DEPOSITS THEREFORE, AND AUTHORIZING MANAGER TO APPROVE CHANGE ORDERS UP TO TEN PERCENT OF THE CONTRACT PRICE FOR SAID PROJECT – RODAN BUILDERS (\$685,694)

- B. CONSIDERATION OF RESOLUTION AWARDING CONSTRUCTION CONTRACT FOR THE PUMP STATION VALVE REPLACEMENT PHASE II PROJECT (CAPITAL PROJECT #286)

Proposed Action: Move adoption of RESOLUTION APPROVING CONTRACT DOCUMENTS AND ACCEPTING BID OF LOWEST RESPONSIBLE BIDDER FOR THE PUMP STATION VALVE REPLACEMENT PHASE II PROJECT (CIP #286); REJECTING ALL OTHER BIDS, AUTHORIZING EXECUTION OF AGREEMENT FOR SAID WORK, DIRECTING RETURN OF SECURITY DEPOSITS THEREFORE, AND AUTHORIZING MANAGER TO APPROVE CHANGE ORDERS UP TO TEN PERCENT OF THE CONTRACT PRICE FOR SAID PROJECT – D.W. NICHOLSON (\$334,600)

- C. CONSIDERATION OF RESOLUTION AWARDING STAGE 2A AMENDMENT TO THE GRAVITY PIPELINE DESIGN-BUILD AGREEMENT WITH BARNARD BESSAC JOINT VENTURE (BBJV); RATIFY AMENDMENTS 7, 8, AND 9 AS APPROVED BY THE MANAGER; AND APPROVE MPF CONSULTING MASTER SERVICES AGREEMENT AND TASK ORDER FOR PROJECT MANAGEMENT SERVICES

Proposed Actions:

- i. Move adoption of RESOLUTION APPROVING STAGE 2A AMENDMENT TO THE GRAVITY PIPELINE DESIGN-BUILD AGREEMENT (CIP #6008); AUTHORIZING EXECUTION OF AGREEMENT; AND AUTHORIZING MANAGER TO APPROVE CONTRACT CHANGE ORDERS UP TO TEN PERCENT OF THE CONTRACT PRICE FOR SAID PROJECT – BARNARD BESSAC JOINT VENTURE (\$23,473,683)
 - ii. Move approval to RATIFY MANAGER APPROVAL OF AMENDMENTS 7, 8, AND 9 TO THE GRAVITY PIPELINE DESIGN-BUILD AGREEMENT FOR PROJECT CHANGE ORDERS (\$711,785)
 - iii. Move adoption of RESOLUTION APPROVING MASTER SERVICES AGREEMENT AND TASK ORDER SCOPE AND BUDGET FOR PROJECT MANAGEMENT SERVICES IN AN AMOUNT OF \$1,437,300 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – MPF CONSULTING
- D. CONSIDERATION OF RESOLUTION APPROVING AMENDMENT 2C TO THE FRONT OF PLANT (FOP) DESIGN-BUILD AGREEMENT FOR JF SHEA/ PARSONS JOINT VENTURE (SPJV).

Proposed Action: Move adoption of RESOLUTION APPROVING AMENDMENT 2C DESIGN BUILD AGREEMENT DOCUMENTS FOR FRONT OF PLANT PROJECT (CIP #9502); AUTHORIZING EXECUTION OF AGREEMENT; AND AUTHORIZING MANAGER TO APPROVE CONTRACT CHANGE ORDERS UP TO TEN PERCENT OF THE CONTRACT PRICE FOR SAID STAGE 2C AMENDMENT – SHEA/PARSONS JOINT VENTURE (\$16,745,000)

9. CLOSED SESSION

A. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Government Code Section 54956.9 (Two Potential Cases)

B. LABOR NEGOTIATIONS (Govt. Code Section 54957.6(a))

AGENCY NEGOTIATORS: Teresa A. Herrera, SVCW Manager
Matt Anderson, SVCW Chief Financial Officer/Admin. Manager
Jennifer Flick, SVCW Human Resources Director
Monte Hamamoto, SVCW Chief Operating Officer
Darrell Murray, IEDA
EMPLOYEE ORGANIZATION: IUOE LOCAL 39

C. CONFERENCE WITH REAL PROPERTY NEGOTIATORS

Pursuant to Government Code Section 54956.8
Property Description: 930 Governor's Bay, Redwood City, CA (APN: 095-380-210)
SVCW Negotiators: Lillian Jewell (Hamner, Jewell & Associates)
SVCW Manager, Teresa A. Herrera
Negotiating Parties: Young/Leung
Under Negotiation: Price and terms

D. CONFERENCE WITH REAL PROPERTY NEGOTIATORS

Pursuant to Government Code Section 54956.8
Property Description: 928 Governor's Bay, Redwood City, CA (APN: 095-380-220)
SVCW Negotiators: Lillian Jewell (Hamner, Jewell & Associates)
SVCW Manager, Teresa A. Herrera
Negotiating Parties: Lau/Chang
Under Negotiation: Price and terms

E. CONFERENCE WITH REAL PROPERTY NEGOTIATORS

Pursuant to Government Code Section 54956.8
Property Description: Lots B, F and (Portion) Governor's Bay Drive, Redwood City, CA
SVCW Negotiators: Lillian Jewell (Hamner, Jewell & Associates)
SVCW Manager, Teresa A. Herrera
Negotiating Parties: Greenbriar Partners, a California General Partnership
Under Negotiation: Price and terms

10. RECONVENE IN OPEN SESSION – Announce action taken in Closed Session, if any.

11. ADJOURN

CONSENT CALENDAR

NOTICE TO PUBLIC

All matters listed under CONSENT CALENDAR are considered to be routine. There may be discussion on items on the CONSENT CALENDAR. All items will be enacted by one motion with a roll call vote unless members of the Commission, staff, or public request specific items be removed from the CONSENT CALENDAR for separate action.

7. A. APPROVAL OF MINUTES – July 12, 2018 Regular Meeting
- B. CONSIDERATION OF MOTION APPROVING CLAIMS AND CHECKS DATED JULY 13, 2018, JULY 27, 2018 AND JULY 31, 2018 AND NECESSARY PAYMENTS THROUGH JULY 2018
- C. CONSIDERATION OF MOTION APPROVING REMOVAL OF ASSETS FROM SVCW FINANCIAL RECORDS TO REFLECT ASSET DISPOSALS OCCURRING IN THE CURRENT FISCAL YEAR

Proposed Action: Move approval to REMOVE FIXED ASSET NUMBER 13191 WITH A TOTAL REMAINING BOOK VALUE OF \$66,827.33 FROM SVCW FINANCIAL RECORDS

- D. CONSIDERATION OF MOTION UPDATING RESOLUTION AUTHORIZING SILICON VALLEY CLEAN WATER TO INVEST MONIES IN THE LOCAL AGENCY INVESTMENT FUND AND CONFIRM THE NAMES AND SIGNATURES THAT ARE MAINTAINED IN THE RESOLUTION

Proposed Action: Move adoption of RESOLUTION AUTHORIZING INVESTMENT OF SILICON VALLEY CLEAN WATER MONIES IN LOCAL AGENCY INVESTMENT FUND, DESIGNATING OFFICERS OF THE AUTHORITY TO INVEST MONIES IN SAID FUND AND RESCINDING RESOLUTION NO. 14-19

- E. CONSIDERATION OF MOTION APPROVING TASK ORDER SCOPES AND BUDGETS FOR RESCU PROGRAM MITIGATION MONITORING, ENVIRONMENTAL AND PERMITTING COMPLIANCE, FINANCING AND LOAN COMPLIANCE, AND DESIGN-BUILD LEGAL SERVICES.

Proposed Action: Move approval of:

- i. TASK ORDER SCOPE AND BUDGET FOR ENVIRONMENTAL CONSULTING SERVICES DURING DESIGN-BUILD IN AN AMOUNT OF \$245,629 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – DAVID J. POWERS AND ASSOCIATES

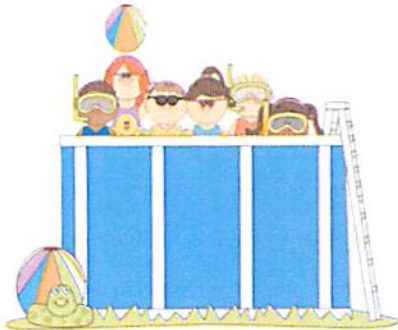
- ii. TASK ORDER SCOPE AND BUDGET FOR PERMITTING AND ENVIRONMENTAL CONSULTING SERVICES DURING DESIGN-BUILD IN AN AMOUNT OF \$132,480 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – JHS CONSULTING
 - iii. TASK ORDER SCOPE AND BUDGET FOR CONSULTING SERVICES IN AN AMOUNT OF \$306,800 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – WEST YOST ASSOCIATES
 - iv. TASK ORDER SCOPE AND BUDGET FOR LEGAL SERVICES FOR DESIGN-BUILD IN AN AMOUNT OF \$400,000 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – HANSON BRIDGETT
- F. CONSIDERATION OF MOTION APPROVING AND AUTHORIZING EXECUTION OF MANAGER EMPLOYMENT AGREEMENT

Proposed Action: Move approval of RESOLUTION APPROVING AND AUTHORIZING EXECUTION OF EMPLOYMENT AGREEMENT – MANAGER OF SILICON VALLEY CLEAN WATER – TERESA A. HERRERA

AGENDA ITEM 5A

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SAFETY MOMENT



Swimming pools and spas are great places for family fun. It's important to ensure everyone follows these simple safety steps to stay safer in and around the water.

- Never leave a child unattended in or near water.
- Teach children how to swim.
- Teach children to stay away from drains.
- Ensure all pools and spas – both in your backyard and any public pool you may visit have compliant drain covers.
- Install proper barriers, covers and alarms on and around your pool and spa.
- Know how to perform CPR on children and adults.

* Reprinted in part from www.poolsafety.gov

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AGENDA ITEM 5C1

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SILICON VALLEY CLEAN WATER

JOINT POWERS AUTHORITY ~ A PUBLIC ENTITY



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REDWOOD CITY, CALIFORNIA 94065
650.591.7121 | FAX: 650.591.7122
WWW.SVCW.ORG

CITY OF SAN CARLOS | CITY OF REDWOOD CITY | CITY OF BELMONT | WEST BAY SANITARY DISTRICT

SILICON VALLEY CLEAN WATER INVESTMENT LISTING June 30, 2018

Broker/Dealer Investment Name	Composite Credit	Maturity	Coupon Rate	Yield to Maturity	Par Value	Market Value	Cost	Estimated Annual \$ Yield Earnings
Annual OPS and CAP Budget Reserve								
FEDERAL HOME LN MTG CORP PARTN GOLD	N.A.	02/01/2020	5.000%	2.84	27,965	28,412	29,503	807
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/13/2019	2.375%	2.51	60,000	59,894	61,111	1,501
FEDERAL HOME LOAN BKS CONS BDS	AA+	02/18/2021	1.375%	2.63	30,000	29,052	30,315	765
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/17/2018	1.950%	1.94	100,000	100,006	100,482	1,944
FEDERAL HOME LOAN BKS CONS BDS	AA+	07/01/2019	4.375%	2.55	50,000	50,958	51,916	1,299
FEDERAL HOME LOAN BKS CONS BDS	AA+	09/13/2019	4.500%	2.44	100,000	102,417	104,952	2,498
FEDERAL NATL MTG ASSN	AA+	06/22/2020	1.500%	2.57	30,000	29,398	30,253	755
FEDERAL NATL MTG ASSN	AA+	11/30/2020	1.500%	2.63	100,000	97,361	99,795	2,564
FEDERAL NATL MTG ASSN	AA+	02/26/2021	1.375%	2.64	100,000	96,803	99,714	2,555
FEDERAL NATL MTG ASSN	AA+	11/27/2018	1.625%	2.21	60,000	59,884	60,229	1,322
FEDERAL NATL MTG ASSN GTD REMIC	NR	09/25/2019	2.171%	2.58	133,644	132,567	135,398	3,423
FEDERAL NATL MTG ASSN	AA+	09/25/2020	1.750%	2.75	100,000	97,905	100,591	2,695
FEDERAL HOME LN MTG CORP MULTICLASS	NR	11/25/2019	1.869%	3.06	123,966	122,470	123,792	3,741
FEDERAL HOME LN MTG CORP	AA+	05/30/2019	1.750%	2.36	30,000	29,833	30,254	703
FEDERAL HOME LN MTG CORP	AA+	10/02/2019	1.250%	2.47	30,000	29,544	30,117	728
FEDERAL HOME LN MTG CORP MULTICLASS	N.A.	04/15/2020	4.000%	2.57	13,533	13,537	13,939	348
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	12/01/2019	5.500%	2.85	16,146	16,308	17,074	465
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	03/01/2020	5.500%	4.63	468	469	485	22
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	04/01/2020	5.000%	2.90	13,229	13,457	13,965	390
GNMA II PASSTHRU CTF POOL #003421	N.A.	08/20/2018	4.500%	1.99	214	213	224	4
GENERAL ELEC CAP CORP MTN	A	08/07/2018	2.633%	2.69	75,000	75,002	74,771	2,017
IOWA FIN AUTH REV ST REVOLVING FD	AAA	08/01/2018	3.280%	2.30	50,000	50,042	50,430	1,150
SMALL BUSINESS ADMIN GTD LN POOL	N.A.	02/25/2019	4.575%	2.96	13,175	13,121	13,671	389
U S BANCORP MTNS BK ENT FR	A+	11/15/2018	1.950%	2.42	50,000	49,894	50,026	1,205
UNIVERSITY CALIF REVS FOR PREV GEN	AA	07/01/2019	1.796%	2.82	50,000	49,623	49,784	1,401
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	10/26/2018	1.010%	1.79	80,000	79,738	80,000	1,423
MONTGOMERY CNTY MD CTF PARTN COPS	N.A.	11/01/2019	1.200%	2.65	100,000	97,970	100,029	2,599
RICHMOND VA GO PUB IMPT BDS C	AA	07/15/2021	2.599%	2.93	100,000	99,078	104,081	2,899
PORT MORROW ORE TRANSMISSION F REV	AA	09/01/2021	2.737%	3.05	100,000	99,131	103,785	3,021
WACO TEX INDPT SCH DIST REF BDS	N.A.	02/15/2020	4.000%	2.69	110,000	111,984	115,790	3,012
FEDERAL HOME LN MTG CORP	AA+	12/30/2019	1.500%	2.52	80,000	78,480	80,000	1,980
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	07/19/2021	2.030%	2.87	60,000	58,456	60,000	1,675
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	01/24/2022	2.050%	2.96	40,000	38,852	40,000	1,148
FEDERAL HOME LN MTG CORP MEDIUM	AA+	07/27/2020	1.625%	2.61	80,000	78,472	80,000	2,050
FEDERAL HOME LN MTG CORP	AA+	05/15/2020	1.600%	2.66	150,000	147,330	150,000	3,913
FEDERAL HOME LN MTG CORP	AA+	05/01/2020	1.375%	2.53	70,000	68,559	69,699	1,734
FEDERAL NATL MTG ASSN	AA+	10/07/2021	1.375%	2.71	70,000	67,131	69,235	1,817
FEDERAL HOME LN MTG CORP	AA+	01/13/2022	2.375%	2.75	35,000	34,540	35,991	948
FEDERAL HOME LOAN BKS CONS BDS	AA+	07/29/2020	1.830%	2.64	140,000	137,820	140,958	3,643
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/12/2020	1.750%	2.58	140,000	137,749	140,648	3,559
FEDERAL NATL MTG ASSN	AA+	05/06/2021	1.250%	2.63	90,000	86,624	89,092	2,276
FEDERAL NATL MTG ASSN	AA+	08/17/2021	1.250%	2.70	90,000	86,150	88,848	2,323
FEDERAL NATL MTG ASSN	AA+	09/28/2020	1.750%	2.77	30,000	29,438	30,000	816
ALTRIA GROUP INC SR NT	A-	08/09/2022	2.850%	3.47	30,000	29,291	30,257	1,017
US TREASURY NOTE	NR	03/15/2020	1.625%	2.52	50,000	49,265	49,751	1,239
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/11/2020	1.620%	2.75	140,000	136,878	137,964	3,767
FEDERAL HOME LN MTG CORP	AA+	03/26/2021	2.700%	2.85	50,000	49,790	49,938	1,419
FEDERAL HOME LOAN BKS CONS BDS	AA+	09/15/2020	2.500%	2.72	100,000	99,843	99,925	2,711
FEDERAL NATL MTG ASSN	AA+	03/26/2021	2.700%	2.87	100,000	99,910	100,000	2,870
FEDERAL NATL MTG ASSN	AA+	10/19/2022	3.000%	3.16	50,000	49,904	50,000	1,577
CASH & EQUIVALENTS	-	-	-	1.61	-	66,322	66,322	1,068
Annual OPS and CAP Budget Reserve Total					\$	3,466,874	\$ 3,535,100	\$ 91,198
Capital Improvement Program Reserve								
APPLE INC SR FLT NT	AA+	02/07/2020	2.610%	2.36	100,000	100,362	99,821	2,372
BERGEN CNTY N J TAXABLE GO BDS 2008	N.A.	11/01/2019	6.000%	2.27	100,000	101,246	102,183	2,300
CALIFORNIA ST GO BDS TAXABLE	AA-	10/01/2019	6.200%	3.20	100,000	104,506	106,099	3,348
CHEVRON CORPORATION SR NT	AA-	03/03/2019	4.950%	2.58	100,000	101,527	102,952	2,619
CISCO SYS INC SR GBL NT	A+	01/15/2020	4.450%	2.71	125,000	128,168	131,244	3,472
COLGATE PALMOLIVE CO MTNS FR	AA-	11/01/2018	1.500%	2.41	100,000	99,688	100,081	2,402
EXXON MOBIL CORP SR FLT NT	AA+	03/15/2019	2.491%	2.34	100,000	100,112	99,935	2,345
FEDERAL HOME LN MTG CORP PARTN GOLD	N.A.	02/01/2019	5.000%	3.42	10,755	10,810	11,339	370
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/13/2019	2.375%	2.51	340,000	339,398	343,278	8,505
FEDERAL HOME LOAN BKS CONS BDS	AA+	02/18/2021	1.375%	2.63	100,000	96,841	101,049	2,549
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	04/06/2020	5.300%	2.71	450,000	471,155	481,995	12,778
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/03/2019	5.320%	2.52	50,000	51,670	52,774	1,301
FEDERAL HOME LOAN BKS CONS BDS	AA+	09/11/2020	2.875%	2.63	60,000	60,306	62,096	1,583
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/24/2019	1.520%	2.43	250,000	247,878	250,000	6,023
FEDERAL HOME LOAN BKS CONS BDS	AA+	08/15/2019	5.125%	2.44	60,000	61,790	63,205	1,508
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/12/2020	4.625%	2.64	200,000	207,642	211,110	5,480

Broker/Dealer Investment Name	Composite Credit	Maturity	Coupon Rate	Yield to Maturity	Par Value	Market Value	Cost	Estimated Annual \$ Yield	
								Earnings	
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/14/2018	3.750%	2.34	250,000	251,775	253,048	5,897	
FEDERAL HOME LOAN BKS CONS BDS	AA+	07/01/2019	4.375%	2.55	25,000	25,479	25,958	649	
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/13/2019	4.125%	2.49	125,000	127,869	130,679	3,186	
FEDERAL HOME LOAN BKS CONS BDS	AA+	03/13/2020	4.125%	2.55	700,000	718,221	734,076	18,336	
FEDERAL NATL MTG ASSN	AA+	01/21/2020	1.625%	2.51	100,000	98,681	101,344	2,477	
FEDERAL NATL MTG ASSN	AA+	06/22/2020	1.500%	2.57	50,000	48,996	50,422	1,258	
FEDERAL NATL MTG ASSN	AA+	11/30/2020	1.500%	2.63	170,000	165,514	169,637	4,360	
FEDERAL NATL MTG ASSN	AA+	12/28/2020	1.875%	2.64	325,000	319,118	330,129	8,434	
FEDERAL NATL MTG ASSN	AA+	02/26/2021	1.375%	2.64	240,000	232,327	239,752	6,131	
FEDERAL NATL MTG ASSN	AA+	11/27/2018	1.625%	2.21	150,000	149,711	150,573	3,306	
FEDERAL HOME LN MTG CORP MULTICLASS	NR	06/25/2020	3.531%	2.99	100,000	101,095	106,188	3,026	
FEDERAL HOME LN MTG CORP	AA+	03/27/2019	3.750%	2.32	500,000	505,445	511,418	11,711	
FEDERAL HOME LN MTG CORP	AA+	05/30/2019	1.750%	2.36	50,000	49,722	50,423	1,172	
FEDERAL HOME LN MTG CORP	AA+	10/02/2019	1.250%	2.47	50,000	49,241	50,195	1,214	
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	04/01/2019	2.680%	2.91	461,441	460,647	480,619	13,405	
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	04/01/2019	5.000%	2.65	12,805	13,022	13,497	345	
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	07/01/2019	4.821%	3.58	201,469	204,745	223,505	7,330	
IOWA FIN AUTH REV ST REVOLVING FD	AAA	08/01/2018	3.280%	2.30	25,000	25,021	25,215	575	
MICROSOFT CORP NT	AAA	06/01/2019	4.200%	2.50	100,000	101,506	102,344	2,534	
MONONA WIS TAXABLE PROM NTS 2015B	N.A.	06/01/2020	3.250%	3.10	100,000	100,185	100,618	3,106	
NEW YORK N Y GOBDS 2011 C TAXABLE	AA	10/01/2018	3.480%	2.80	100,000	100,331	100,759	2,811	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	10/26/2018	1.010%	1.79	100,000	99,672	100,000	1,779	
MONTGOMERY CNTY MD CTFS PARTN COPS	N.A.	11/01/2019	1.200%	2.65	100,000	97,970	100,029	2,599	
RICHMOND VA GO PUB IMPT BDS C	AA	07/15/2021	2.599%	2.93	100,000	99,078	104,081	2,899	
BANK NEW YORK MTN BK ENT FR	A+	11/27/2020	2.450%	3.14	100,000	98,370	102,146	3,085	
GILEAD SCIENCES INC SR NT	A-	09/01/2020	2.550%	3.12	100,000	98,799	102,683	3,085	
WISCONSIN ST GEN FD ANNUAL APP REV	AA-	05/01/2021	1.616%	2.99	100,000	96,549	100,096	2,888	
PORT MORROW ORE TRANSMISSION F REV	AA	09/01/2021	2.737%	3.05	225,000	223,045	233,516	6,796	
WACO TEX INDPT SCH DIST REF BDS	N.A.	02/15/2020	4.000%	2.69	165,000	167,977	173,686	4,519	
FEDERAL NATL MTG ASSN	AA+	05/26/2021	1.800%	2.84	260,000	252,509	260,000	7,181	
FEDERAL HOME LN MTG CORP	AA+	12/30/2019	1.500%	2.52	260,000	255,060	260,000	6,435	
FEDERAL HOME LN MTG CORP	AA+	12/30/2020	1.750%	2.75	340,000	331,738	340,000	9,119	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	07/19/2021	2.030%	2.87	80,000	77,942	80,000	2,234	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	01/24/2022	2.050%	2.96	120,000	116,556	120,000	3,444	
FEDERAL HOME LN MTG CORP MEDIUM	AA+	07/27/2020	1.625%	2.61	80,000	78,472	80,000	2,050	
FEDERAL HOME LN MTG CORP	AA+	05/15/2020	1.600%	2.66	220,000	216,084	220,000	5,739	
FEDERAL HOME LN MTG CORP	AA+	10/26/2021	2.000%	2.82	220,000	213,558	220,000	6,027	
FEDERAL HOME LOAN BKS CONS BDS	AA+	04/27/2022	2.300%	2.81	220,000	219,996	219,505	6,175	
FEDERAL HOME LN MTG CORP	AA+	05/01/2020	1.375%	2.53	290,000	284,032	288,814	7,183	
FEDERAL NATL MTG ASSN	AA+	10/07/2021	1.375%	2.71	140,000	134,261	138,469	3,634	
FEDERAL HOME LN MTG CORP	AA+	01/13/2022	2.375%	2.75	310,000	305,930	316,910	8,398	
FEDERAL NATL MTG ASSN	AA+	01/05/2022	2.000%	2.75	610,000	594,866	608,283	16,371	
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/12/2020	1.750%	2.58	170,000	167,266	170,787	4,322	
FEDERAL NATL MTG ASSN	AA+	05/06/2021	1.250%	2.63	170,000	163,623	168,284	4,300	
FEDERAL NATL MTG ASSN	AA+	08/17/2021	1.250%	2.70	170,000	162,727	167,824	4,387	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	07/19/2022	1.900%	2.75	165,000	159,634	165,710	4,384	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	08/03/2022	1.900%	2.75	165,000	159,563	165,389	4,394	
FEDERAL NATL MTG ASSN	AA+	04/05/2022	1.875%	2.76	170,000	164,902	170,568	4,553	
FEDERAL HOME LOAN BKS CONS BDS	AA+	08/15/2022	1.850%	2.76	130,000	125,154	130,936	3,457	
FEDERAL NATL MTG ASSN	AA+	09/28/2020	1.750%	2.77	120,000	117,754	120,000	3,263	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	04/04/2022	2.100%	3.00	220,000	214,075	220,000	6,414	
FEDERAL HOME LN MTG CORP	AA+	10/12/2021	2.000%	2.85	120,000	116,980	120,000	3,332	
BANK AMER CORP FR	A-	05/13/2021	5.000%	3.33	75,000	78,321	80,486	2,610	
CONSTELLATION BRANDS INC SR GBLB NT	BBB-	11/06/2020	2.250%	3.31	25,000	24,398	24,942	807	
HOME DEPOT INC SR GBLB NT	A	04/01/2021	2.000%	2.96	80,000	78,064	79,838	2,311	
LORILLARD TOB CO SR NT	BBB	05/01/2020	6.875%	3.59	25,000	26,529	27,166	953	
MORGAN STANLEY SR NT	A-	01/27/2020	2.650%	3.11	80,000	79,419	80,758	2,470	
ORACLE CORP SR GBLB	A+	05/15/2022	2.500%	3.22	80,000	77,898	80,078	2,504	
PHILIP MORRIS INTL INC SR NT	A	03/26/2020	4.500%	3.03	25,000	25,588	26,218	775	
STARBUCKS CORP SR GBLB	BBB+	02/04/2021	2.100%	3.24	80,000	77,710	79,979	2,515	
3M CO FR	A+	06/26/2022	2.000%	2.99	100,000	96,063	98,934	2,868	
FEDERAL HOME LN MTG CORP	AA+	12/29/2021	2.250%	2.86	120,000	117,706	120,000	3,371	
FEDERAL HOME LOAN BKS CONS BDS	AA+	10/26/2022	2.280%	2.93	100,000	97,538	99,600	2,856	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/11/2020	1.620%	2.75	400,000	391,080	394,184	10,763	
FEDERAL HOME LOAN BKS CONS BDS	AA+	11/29/2021	1.875%	2.72	300,000	292,023	295,904	7,943	
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/15/2021	2.200%	2.87	300,000	295,188	298,050	8,475	
FEDERAL NATL MTG ASSN	AA+	11/26/2019	1.750%	2.48	300,000	297,084	298,743	7,353	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	05/17/2021	1.970%	2.84	100,000	97,721	98,338	2,777	
FEDERAL HOME LOAN BKS CONS BDS	AA+	09/15/2020	2.500%	2.72	160,000	159,749	159,880	4,337	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	11/22/2021	2.740%	3.00	100,000	99,441	99,975	2,979	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/01/2021	2.750%	2.97	60,000	59,929	59,970	1,780	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/01/2020	2.450%	2.79	90,000	89,537	89,978	2,495	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	03/07/2022	2.850%	2.90	100,000	99,955	100,000	2,899	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/20/2021	2.840%	3.03	100,000	99,851	100,000	3,020	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	03/29/2021	2.710%	2.81	80,000	79,886	80,000	2,244	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/29/2022	3.000%	3.13	100,000	100,001	100,000	3,132	
FEDERAL HOME LN MTG CORP	AA+	12/14/2022	2.000%	3.00	25,000	24,787	24,612	743	
FEDERAL HOME LN MTG CORP	AA+	11/24/2021	2.650%	2.83	100,000	99,627	99,750	2,816	
FEDERAL HOME LN MTG CORP	AA+	02/24/2023	3.000%	3.14	80,000	79,756	79,984	2,508	
FEDERAL HOME LOAN BKS CONS BDS	AA+	03/29/2022	2.250%	3.56	200,000	199,924	200,000	7,123	
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/13/2022	2.130%	3.05	125,630	125,080	125,993	3,811	
FEDERAL NATL MTG ASSN	AA+	03/26/2021	2.700%	2.87	100,000	99,910	100,000	2,870	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	08/16/2021	1.680%	2.80	100,000	96,672	96,664	2,703	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	04/18/2022	2.830%	2.91	150,000	149,631	150,000	4,356	
FEDERAL HOME LN MTG CORP	AA+	03/15/2023	3.000%	3.04	150,000	149,579	149,850	4,549	
FEDERAL HOME LOAN BKS CONS BDS	AA+	03/27/2023	3.000%	3.05	150,000	149,822	150,000	4,564	
FEDERAL HOME LOAN BKS CONS BDS	AA+	07/27/2022	1.700%	2.94	150,000	142,551	143,117	4,194	
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/14/2021	2.810%	2.86	100,000	99,892	100,000	2,860	
CASH & EQUIVALENTS	-	-	-	1.75	-	510,826	510,826	8,939	
Capital Improvement Program Reserve Total						\$ 16,614,621	\$ 16,941,090	\$ 450,939	
Stage 2 Capacity Reserve									
CEDAR PARK TEX CTFS OBLIG TAXABLE	AA	08/15/2018	5.280%	2.32	50,000	50,171	50,831	1,163	
CISCO SYS INC SR GBLB NT	A+	01/15/2020	4.450%	2.71	75,000	76,901	78,746	2,083	
FEDERAL HOME LN MTG CORP PARTN GOLD	N.A.	02/01/2019	5.000%	3.42	10,755	10,810	11,339	370	

Broker/Dealer	Composite	Coupon	Yield to	Annual \$ Yield						
Investment Name	Credit	Maturity	Rate	Maturity	Par Value	Market Value	Cost	Earnings		
FEDERAL HOME LN MTG CORP PARTN GOLD	N.A.	11/01/2020	4.500%	2.93	14,883	14,999	15,515	439		
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/13/2019	2.375%	2.51	100,000	99,823	101,852	2,502		
FEDERAL HOME LOAN BKS CONS BDS	AA+	02/18/2021	1.375%	2.63	100,000	96,841	101,049	2,549		
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/28/2018	4.780%	2.09	55,000	55,376	55,910	1,160		
FEDERAL HOME LOAN BKS CONS BDS	AA+	09/11/2020	2.875%	2.63	60,000	60,306	62,096	1,583		
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/24/2019	1.520%	2.43	200,000	198,302	200,000	4,819		
FEDERAL HOME LOAN BKS CONS BDS	AA+	08/15/2019	5.125%	2.44	50,000	51,492	52,671	1,256		
FEDERAL HOME LOAN BKS CONS BDS	AA+	07/01/2019	4.375%	2.55	100,000	101,915	103,831	2,598		
FEDERAL HOME LOAN BKS CONS BDS	AA+	03/13/2020	4.125%	2.55	125,000	128,254	131,004	3,274		
FEDERAL NATL MTG ASSN	AA+	01/21/2020	1.625%	2.51	100,000	98,681	101,344	2,477		
FEDERAL NATL MTG ASSN	AA+	06/22/2020	1.500%	2.57	100,000	97,992	100,844	2,515		
FEDERAL NATL MTG ASSN	AA+	11/30/2020	1.500%	2.63	100,000	97,361	100,746	2,564		
FEDERAL NATL MTG ASSN	AA+	12/28/2020	1.875%	2.64	175,000	171,833	177,762	4,542		
FEDERAL NATL MTG ASSN	AA+	02/26/2021	1.375%	2.64	180,000	174,245	180,206	4,598		
FEDERAL NATL MTG ASSN	AA+	01/14/2019	3.275%	2.44	100,000	100,564	101,715	2,453		
FEDERAL HOME LN MTG CORP	AA+	03/27/2019	3.750%	2.32	250,000	252,723	255,679	5,856		
FEDERAL HOME LN MTG CORP	AA+	05/30/2019	1.750%	2.36	100,000	99,443	100,846	2,345		
FEDERAL HOME LN MTG CORP	AA+	08/01/2019	1.250%	2.41	100,000	98,747	100,662	2,384		
FEDERAL HOME LN MTG CORP	AA+	10/02/2019	1.250%	2.47	100,000	98,481	100,389	2,428		
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	12/01/2020	4.000%	2.95	44,173	45,337	46,285	1,337		
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	07/01/2019	4.821%	3.58	168,510	171,250	186,941	6,131		
GENERAL ELEC CAP CORP MTN	A	08/07/2018	2.633%	2.69	100,000	100,002	99,695	2,689		
IOWA FIN AUTH REV ST REVOLVING FD	AAA	08/01/2018	3.280%	2.30	100,000	100,084	100,859	2,301		
JPMORGAN CHASE & CO SR NT	A	03/01/2021	2.550%	3.33	50,000	49,000	50,813	1,632		
LANCASTER CNTY NEB SCH DIST NO SCH	AA+	01/15/2021	4.550%	3.15	50,000	51,905	53,728	1,637		
NORFOLK VA GO CAP IMPT BDS 2010 B	AA	03/01/2019	4.650%	2.80	100,000	101,213	102,647	2,831		
U S BANCORP MTNS BK ENT FR	A+	11/15/2018	1.950%	2.42	100,000	99,788	100,051	2,410		
UNIVERSITY CALIF REVS FOR PREV GEN	AA	07/01/2019	1.796%	2.82	50,000	49,623	49,784	1,401		
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	10/26/2018	1.010%	1.79	200,000	199,344	200,000	3,558		
MONTGOMERY CNTY MD CTFIS PARTN COPS	N.A.	11/01/2019	1.200%	2.65	100,000	97,970	100,029	2,599		
BANK NEW YORK MTN BK ENT FR	A+	11/27/2020	2.450%	3.14	150,000	147,555	153,219	4,627		
GILEAD SCIENCES INC SR NT	A-	09/01/2020	2.550%	3.12	150,000	148,199	154,025	4,627		
WISCONSIN ST GEN FD ANNUAL APP REV	AA-	05/01/2021	1.616%	2.99	100,000	96,549	100,096	2,888		
FEDERAL HOME LN MTG CORP	AA+	08/25/2021	1.375%	2.83	90,000	87,232	90,000	2,471		
METRO WASTEWTR RECLAMATION DIS REV	AA+	04/01/2019	4.718%	2.30	100,000	101,528	103,608	2,339		
WACO TEX INDPT SCH DIST REF BDS	N.A.	02/15/2020	4.000%	2.69	55,000	55,992	57,895	1,506		
FEDERAL HOME LN MTG CORP	AA+	03/30/2021	1.500%	2.78	60,000	57,945	60,000	1,612		
FEDERAL HOME LN MTG CORP	AA+	09/30/2021	1.050%	3.41	100,000	97,103	99,900	3,309		
FEDERAL NATL MTG ASSN	AA+	09/30/2019	1.250%	2.61	60,000	59,138	59,985	1,543		
FEDERAL NATL MTG ASSN	AA+	05/26/2021	1.800%	2.84	60,000	58,271	60,000	1,657		
FEDERAL HOME LN MTG CORP	AA+	12/30/2020	1.750%	2.75	100,000	97,570	100,000	2,682		
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	07/19/2021	2.030%	2.87	80,000	77,942	80,000	2,234		
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	01/24/2022	2.050%	2.96	60,000	58,278	60,000	1,722		
FEDERAL HOME LN MTG CORP MEDIUM	AA+	07/27/2020	1.625%	2.61	40,000	39,236	40,000	1,025		
FEDERAL HOME LN MTG CORP	AA+	10/26/2021	2.000%	2.82	150,000	145,608	150,000	4,109		
FEDERAL HOME LOAN BKS CONS BDS	AA+	04/27/2022	2.300%	2.81	150,000	149,997	149,663	4,210		
FEDERAL HOME LN MTG CORP	AA+	05/01/2020	1.375%	2.53	260,000	254,649	258,975	6,440		
FEDERAL NATL MTG ASSN	AA+	10/07/2021	1.375%	2.71	80,000	76,721	79,125	2,077		
FEDERAL HOME LN MTG CORP	AA+	01/13/2022	2.375%	2.75	120,000	118,424	122,675	3,251		
FEDERAL NATL MTG ASSN	AA+	01/05/2022	2.000%	2.75	220,000	214,542	219,506	5,904		
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/12/2020	1.750%	2.58	260,000	255,819	261,204	6,610		
FEDERAL NATL MTG ASSN	AA+	05/06/2021	1.250%	2.63	260,000	250,247	257,376	6,577		
FEDERAL NATL MTG ASSN	AA+	08/17/2021	1.250%	2.70	260,000	248,877	256,672	6,710		
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	07/19/2022	1.900%	2.75	290,000	280,569	291,247	7,704		
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	08/03/2022	1.900%	2.75	290,000	280,445	290,684	7,723		
FEDERAL NATL MTG ASSN	AA+	04/05/2022	1.875%	2.76	300,000	291,003	301,002	8,035		
FEDERAL HOME LOAN BKS CONS BDS	AA+	08/15/2022	1.850%	2.76	85,000	81,831	85,612	2,260		
FEDERAL NATL MTG ASSN	AA+	09/28/2020	1.750%	2.77	180,000	176,630	180,000	4,894		
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	04/04/2022	2.100%	3.00	280,000	272,460	280,000	8,163		
FEDERAL HOME LN MTG CORP	AA+	10/12/2021	2.000%	2.85	180,000	175,469	180,000	4,997		
HOME DEPOT INC SR GLBL NT	A	04/01/2021	2.000%	2.96	60,000	58,548	59,879	1,734		
ORACLE CORP SR GLBL	A+	05/15/2022	2.500%	3.22	120,000	116,846	120,118	3,757		
PHILIP MORRIS INTL INC SR NT	A	03/26/2020	4.500%	3.03	55,000	56,294	57,680	1,706		
STARBUCKS CORP SR GLBL	BBB+	02/04/2021	2.100%	3.24	60,000	58,283	59,984	1,886		
FEDERAL HOME LN MTG CORP	AA+	12/29/2021	2.250%	2.86	80,000	78,470	80,000	2,247		
FEDERAL HOME LOAN BKS CONS BDS	AA+	11/29/2021	1.875%	2.72	120,000	116,809	118,362	3,177		
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	11/22/2021	2.740%	3.00	100,000	99,441	99,975	2,979		
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	03/07/2022	2.850%	2.90	80,000	79,964	80,000	2,319		
FEDERAL HOME LN MTG CORP	AA+	02/24/2023	3.000%	3.14	60,000	59,817	59,988	1,881		
FEDERAL NATL MTG ASSN	AA+	03/26/2021	2.700%	2.87	140,000	139,874	140,000	4,019		
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	04/18/2022	2.830%	2.91	150,000	149,631	150,000	4,356		
FEDERAL HOME LN MTG CORP	AA+	03/15/2023	3.000%	3.04	150,000	149,579	149,850	4,549		
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/14/2021	2.810%	2.86	100,000	99,892	100,000	2,860		
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/20/2022	3.090%	3.12	100,000	99,880	99,925	3,115		
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/28/2022	3.060%	3.11	100,000	100,060	100,000	3,116		
CASH & EQUIVALENTS	-	-	-	1.75	-	376,632	376,632	6,591		
Stage 2 Capacity Reserve Total						\$ 9,596,621	\$ 9,810,728	\$ 258,682		
Subtotal, Bank of the West						\$ 29,678,117	\$ 30,286,918	\$ 800,819		
California Local Agency Investment Fund					LAIF	-	1.755	\$ 1,070,387	\$ 1,070,387	18,785
TOTAL UNRESTRICTED INVESTMENTS						\$ 30,748,504	\$ 31,357,305	\$ 819,605		
Bank of New York (Trustee)										
2009 Reserve Account - Federal National Mortgage Assn 3136G3Q73	Aaa	7/26/2019	1.150%	1.17		4,712,124	4,780,000	55,132		
2009 Reserve Account - BMW BK North Amer Salt Lake 05580ACK8	Aa	7/24/2019	2.000%	2.02		148,716	150,000	3,004		
2009 Reserve Account - Morgan Stanley Treas Sec X9USDMORS			0.000%	1.71		131,175	131,175	2,243		
2009 Reserve Account - Morgan Stanley Treas Sec X9USDMORS	-	-	0.000%	1.71		62,656	62,656	1,071		
2009 Revenue FD Account - Morgan Stanley Treas Sec Portfolio X9USDMORS	-	-	0.000%	1.71		2,124	2,124	36		
2009 Revenue FD Account - Morgan Stanley Treas Sec INST X9USDMORS	-	-	0.000%	1.71		13	13	0		
2014 Revenue Account - Goldman FS Money MKT INST 474 X9USDGLD4	-	-	0.000%	2.17		11	11	0		
2014 Revenue Account - Goldman Sachs Fin Sq Instl X9USDGLD4	-	-	0.000%	2.20		414	414	9		
2014 Revenue Account - Cash	-	-	0.000%	-		8	8	-		

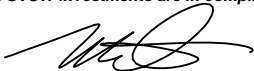
Broker/Dealer Investment Name	Composite Credit	Maturity	Coupon Rate	Yield to Maturity	Par Value	Market Value	Cost	Estimated Annual \$ Yield Earnings
2014 Interest Account - Goldman Sachs Fin Sq Instl X9USDGLD4	-	-	0.000%	2.19		13	13	0
2014 Principal Account - Goldman Sachs Fin Sq Instl X9USDGLD4	-	-	0.000%	2.23		7	7	0
2014 Project Account - Cash	-	-	0.000%	-		5,193	5,193	-
2014 COI Account - Cash	-	-	0.000%	-		2	2	-
2015 Project Account - Cash	-	-	0.000%	-		2	2	-
2015 Revenue Account - JP Morgan Prime MMT Instl X9USDJPMP	-	-	0.000%	2.04		163	163	3
2015 Revenue Account - Cash	-	-	0.000%	-		3	3	-
2009 Escrow - Resolution Funding Corp Interest Strip 76116EFS4	Aaa	7/15/2018	0.000%	-		337,757	329,183	-
2009 Escrow - United States Treasury 912828VQ0	Aaa	7/31/2018	1.375%	1.38		262,905	265,978	3,628
2009 Escrow - United States Treasury 912828B33	Aaa	1/31/2019	1.500%	1.51		600,479	610,349	9,067
2009 Escrow - Tunisia Government Aid Bonds 066716AG6	Aaa	7/16/2019	1.686%	1.70		39,999,366	40,944,692	679,989
2009 Escrow - Cash	-	-	0.000%	-		3,816	3,816	-
Subtotal, Bank of New York (Trustee)						\$ 46,266,948	\$ 47,285,802	\$ 754,185
Less Amounts held in Escrow for 2009 Bond Defeasance						\$ (41,204,324)	\$ (42,154,018)	\$ (692,685)
Net Total, Bank of New York (Trustee)						\$ 5,062,624	\$ 5,131,784	\$ 61,500
Zions Bank (Trustee)								
US Treasury N/B 912828C3	Aaa	8/31/2018	1.880%	1.88	4,265,000	4,256,926	4,257,089	80,030
US Treasury Notes 912828RH5	Aaa	9/30/2018	1.910%	1.91	4,900,000	4,892,552	4,893,497	93,448
US Treasury N/B 912828U99	Aaa	12/31/2018	2.040%	2.04	3,370,000	3,354,731	3,356,960	68,437
US Treasury Notes 912828B33	Aaa	1/31/2019	2.070%	2.07	11,600,000	11,551,512	11,562,272	239,116
US Treasury Notes 912828B33	Aaa	1/31/2019	2.060%	2.06	1,500,000	1,493,730	1,495,038	30,771
US Treasury Notes 912828C24	Aaa	2/28/2019	2.090%	2.09	15,500,000	15,424,314	15,439,536	322,368
US Treasury Notes 912828P95	Aaa	3/15/2019	2.110%	2.11	10,300,000	10,210,277	10,220,602	215,437
US Treasury Notes 912828ST8	Aaa	4/30/2019	2.120%	2.12	16,430,000	16,285,597	16,312,933	345,255
US Treasury Notes 912828SX9	Aaa	5/31/2019	2.140%	2.14	13,550,000	13,400,733	13,426,507	286,776
Dexia Credit Local SA NY Comm Paper 25214PEQ2	P-1	3/9/2019	2.200%	2.20	3,900,000	3,874,764	3,876,492	85,245
Toyota Motor Credit Corp Comm Paper 89233HM35	P-1	3/8/2019	2.320%	2.32	3,900,000	3,859,877	3,861,715	89,549
Toyota Motor Credit Corp Comm Paper 89233HM43	P-1	3/8/2019	2.330%	2.33	2,400,000	2,375,131	2,376,184	55,341
Westpac Banking Corp NY Cert Depos 96121T3U0	P-1	7/21/2018	1.510%	1.51	5,750,000	5,748,196	5,747,703	86,798
Toronto Dominion Bank NY Cert Depos 89113XZJ6	P-1	3/9/2019	2.500%	2.50	6,300,000	6,249,238	6,300,000	156,231
CAMP Pool	NR			2.25		19,148,346	19,148,346	430,838
Total, Zions Bank (Trustee)						\$ 122,125,923	\$ 122,274,875	\$ 2,585,638
Uninvested Operating Cash						1,789,747	1,789,747	-
TOTAL CASH & INVESTMENTS, UNRESTRICTED AND WITH TRUSTEE						\$ 159,726,797	\$ 160,553,711	\$ 3,466,743
Weighted Average Yield to Maturity %								2.17%

Summary by Investment Type:	Market Value
US Treasuries	\$ 81,115,604
Agencies	28,600,304
Commercial Paper / Corporate Bonds	12,716,610
Municipal Bonds / Notes	2,328,770
Money Market / Certificates of Deposit	33,895,123
Local Agency Investment Fund	1,070,387
TOTAL	\$ 159,726,797

Summary by Purpose / Restriction Level	Market Value
Working Capital	\$ 2,860,134
Operations & Capital Budget Reserve	3,466,874
Capital Improvement Program Reserve	16,614,621
Stage 2 Capacity Reserve	9,596,621
Debt Reserve	5,062,456
Debt Proceeds	122,126,091
TOTAL	\$ 159,726,797

Summary by Liquidity:	Market Value
0-1 years	\$ 130,008,933
1 years	12,801,244
2 years	6,529,172
3-5 years	10,387,448
TOTAL	\$ 159,726,797

SVCW has sufficient liquid resources available to meet expenditure requirements per SVCW's investment policy.
All SVCW investments are in compliance with SVCW's Investment Policy.



M. Anderson

8/9/2018

AGENDA ITEM 5C2

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FINANCE STATUS REPORT**ISSUE**

Review the Operating Fund Financial Update as of June 30, 2018. This Update is for the Fourth Quarter of the 2017-18 Fiscal Year.

BACKGROUND

Staff presents to the Commission a financial update each quarter of the fiscal year. The below points highlight key findings found in the attached summary table.

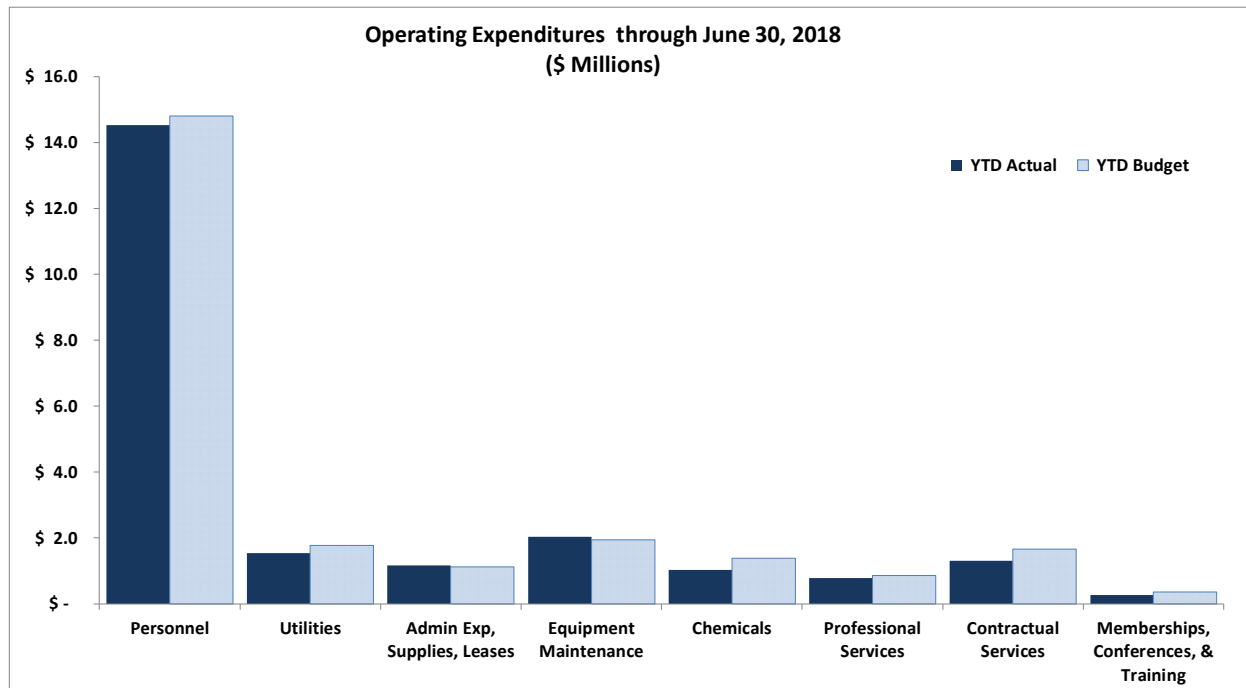
DISCUSSION

Revenue: Year to date, actual revenue exceeded budget by \$174 thousand (0.7%). All Member contributions were paid in full and on time. SVCW received \$13 thousand more than anticipated in PG&E grant revenue as cogeneration system performed well. Additionally, grease receiving revenue was \$100 thousand greater than planned as septic and grease haulers responded favorably to SVCW's reduction in discharge rates. Finally, SVCW received over \$50 thousand in revenue from disposal of unneeded vehicles, equipment, and obsolete warehouse items.

Expense: Operating expenses were \$22.65 million, or 5.3% less than the \$23.9 million budget. Notable variances include:

- Personnel expense was \$282 thousand (1.9%) below budget due to a combination of vacancies. Additionally, health insurance rates were less than expected.
- Utilities expense was \$244 thousand (13.8%) below budget due to good performance from Cogeneration system.
- Administrative Expense, Supplies, and Leases were \$45 thousand (4.0%) more than budgeted as SVCW paid for temporary help to cover staff vacancies.
- Equipment Maintenance costs were \$94 thousand (4.9%) over budget. SVCW purchased storm water submersible pumps to resolve inadequate discharge head after re-piping was done at influent screens. Other unexpected costs included filter media replacement and inventory writeoffs.
- Chemicals expense was \$346 thousand (25%) less than budget as polymer costs associated with new equipment installations were delayed, plus price favorability.
- Professional Services expense was \$83 thousand (9.7%) less than budget due to avoiding costs of certain regulatory permits, engineering services, HR policy legal services, and actuarial services.
- Contractual Services expense was \$352 thousand (21.2%) less than budgeted related to delays in solids disposal, tank cleaning expenses, network support agreement not yet incurred, and engineering consulting.
- Memberships, Conferences, & Training expense was \$92.6 thousand (25.2%) less than budget. Many training, conferences, and travel-related expenditures were deferred to focus on in-house projects throughout the fiscal year.

SVCW Operating Revenue and Expenditures versus Budget - Through June 30, 2018					
Description	YTD Actual	YTD Budget	\$ Better/ (Worse)	% Better/ (Worse)	Comment
Revenue:	\$ 23,985,899	\$ 23,812,336	\$ 173,564	0.7%	<i>Received \$100 thousand more grease receiving revenue as companies responded favorably to SVCW's lowering of rates. Unbudgeted revenue from equipment sales, as SVCW removed unneeded/obsolete equipment and materials.</i>
Expenditures:					
Personnel	\$ 14,519,620	\$ 14,801,899	\$ 282,279	1.9%	<i>Vacancies during first quarter. Health insurance costs lower than budgeted.</i>
Utilities	1,532,636	1,777,011	244,375	13.8%	<i>Cogeneration outperformed expectations. PG&E rates slightly less than budgeted in 2nd half of fiscal year.</i>
Admin Exp, Supplies, Leases	1,170,071	1,125,385	(44,686)	(4.0%)	<i>Paid for temporary administrative help to cover vacancies.</i>
Equipment Maintenance	2,034,460	1,940,237	(94,223)	(4.9%)	<i>Wrote off obsolete inventory. Unexpected purchase of filter media and storm drain pumps.</i>
Chemicals	1,031,164	1,377,005	345,841	25.1%	<i>Additional polymer costs not incurred, as new rotary drum thickening equipment installation was delayed. Favorable prices paid for Ferric Chloride.</i>
Professional Services	775,872	859,117	83,245	9.7%	<i>Regulatory permits, Engineering services, HR policy legal services, audit and actuarial services,...budgeted but not incurred.</i>
Contractual Services	1,312,455	1,665,339	352,884	21.2%	<i>Biosolid disposal costs less than budget due to delay in drying technology. Less tank and channel cleaning in general as screening facilities continue to reduce rags and debris from entering the treatment plant.</i>
Memberships, Conferences, & Training	274,344	366,940	92,596	25.2%	<i>Various memberships not incurred. Conferences, travel, and training below budget as SVCW staff focused on large-effort internal projects throughout the fiscal year.</i>
TOTAL Expenditures:	\$ 22,650,623	\$ 23,912,933	\$ 1,262,310	5.3%	



AGENDA ITEM 5D

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**ENGINEERING REPORT: JULY 2018
CAPITAL IMPROVEMENT PROGRAM IMPLEMENTATION**

Gravity Pipeline (6008) and Front of Plant Projects (9502): Deliver these two RESCU projects using a Progressive Design Build delivery method.

On October 5, 2017 the Commission awarded a contract to Barnard/Bessac Joint Venture (BBJV) for the Stage 1 Progressive Design Build contract on the Gravity Pipeline project. On November 9, 2017 the Commission awarded a contract to Shea/Parsons Joint Venture for the Stage 1 Progressive Design Build contract on the Front of Plant project.

The JV teams, SVCW staff, and consultants are co-located in trailer offices and meet multiple times a week to coordinate and discuss proposed designs, O/M options and coordinate efforts between the construction teams.

The JV teams are in the process of preparing packages for early construction approval from SVCW. Two packages for the Front of Plant (Stage 2A and 2B) have been approved by the Commission. A package for the Gravity Pipeline and a third package from the Front of Plant (Stage 2C) will be brought to the Commission in August.

Planned Commission Actions: Approve Early Stage 2 Design Build Contracts – August 2018
Approve Supporting Consultant Task Orders – August 2018

Pump Stations Rehabilitation and Replacement (9501): Rehabilitate or Replace three pump stations and connect them to new Gravity Pipeline.

The RESCU Program includes rehabilitation or replacement of the Belmont, Redwood City, and Menlo Park Pump Stations, and the construction of the Belmont Force Main to connect the Belmont system to the Gravity Pipeline. Preliminary design work was completed by Brown and Caldwell. SVCW has decided to combine these projects into a single package using a Progressive Design Build delivery method, with Brown and Caldwell acting as Owner's Advisor. SVCW has issued an RFQ and Statements of Qualifications are expected from interested Design Build entities in late August. After SOQs are reviewed and evaluated, a Request for Proposal will be issued to short-listed firms. Selection of a design-build entity is anticipated to be in early 2019.

Planned Commission Actions: Award Project – February 2019

Energy Storage Project (9180): Contract with system provider to build and operate a battery system for the plant

In April 2017 the Commission authorized staff to negotiate a contract with a system provider to design, build, and operate a battery storage system for the plant's electrical loads. SVCW has had discussions with AMS to provide these services, including the

application for a SGIP grant from PG&E. SVCW staff will present a contract to Commission for approval.

Planned Commission Actions: Approve Contract - October 2018

Emergency Repair of the 12kV Vault (9808): Respond to emergency condition of existing 12 kV service.

On September 14, 2017 the Commission approved the emergency expenditure of funds for the repair of essential facilities. On November 9, 2017 The Commission later approved a total budget amount of \$2,347,412 which includes the initial emergency authorization of \$300,000 to perform work on a time and material basis to resolve the 12kV failing electrical vault. Beecher Engineering, Power Engineering and DW Nicholson designed a permanent repair to reroute the 12 kV conduits that supply power to the Solids Handling Building (SHB) and ultimately to all plant equipment and processes.

Temporary electrical power is currently supplying electricity to three main Plant transformers. A new concrete vault was placed on the main building side of the tunnel and is incorporated into the tunnel structure. A new conduit run was constructed along the building to the new vault at the tunnel. Power Engineering completed excavation under the SHB by the transformers and constructed a new duct bank structure under the transformers to connect the 12kV power lines to the new vault at the tunnel. The underground tunnel is pile supported and will offer the most stable pathway between the buildings to ensure the new conduits and vault will not subside in the future.

Planned Commission Actions: Accept Project and File Notice of Completion – October 2018

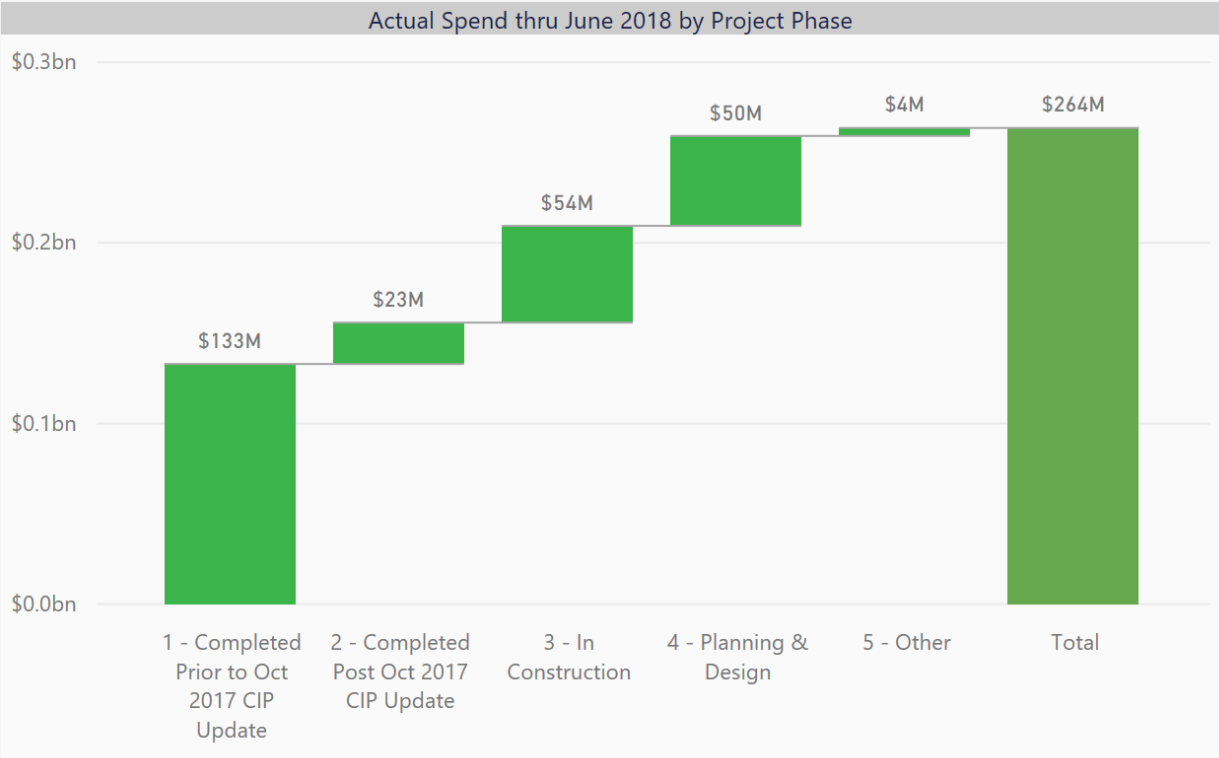
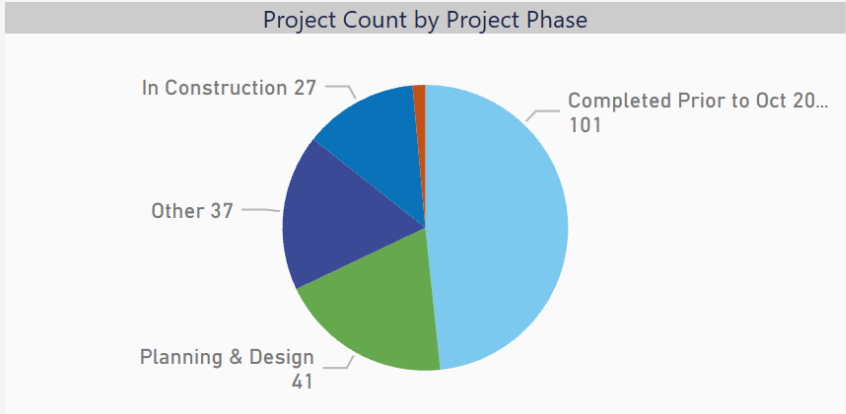
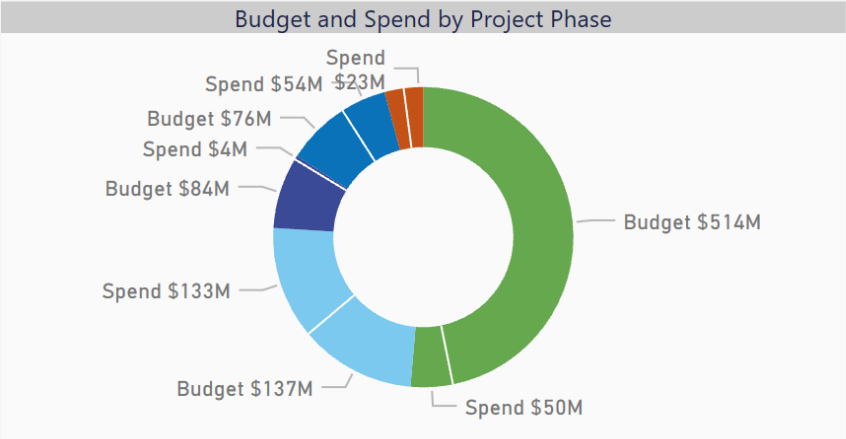
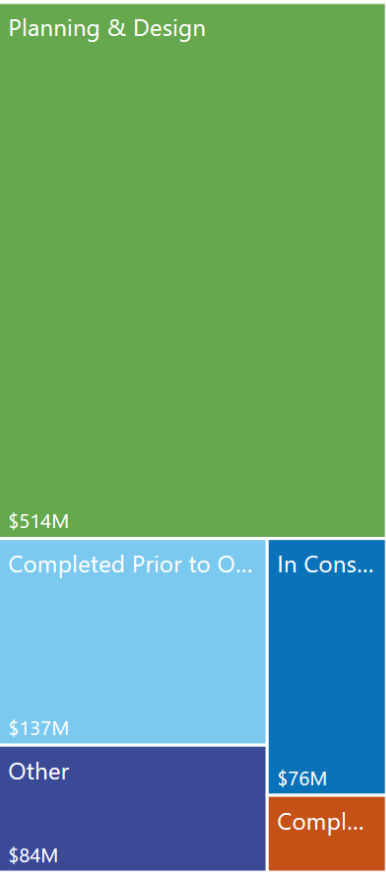
Wastewater Treatment Plant Improvements Phase 2 (9503): Rehabilitation and/or replacement of seven treatment plant mechanical processes.

SVCW received and evaluated two Design-Build (DB) firms in accordance with criteria outlined in the Request for Qualifications. Both firms were deemed qualified and received Requests for Proposals (RFP). The RFP's were issued on December 7, 2017 and were submitted on February 9, 2018. Staff interviewed both DB firms in March 2018 with the intent to make a recommendation at the April Commission meeting.

Planned Commission Actions: Accept Project and File Notice of Completion - TBD

CIP Spend Analysis

Project Phase	Project Count	2017 CIP Budget	Actual Spend	Remaining	% Unspent
Completed Prior to Oct 2017 CIP Update	101	\$137,234,509	\$132,923,997	N/A	N/A
Completed Post Oct 2017 CIP Update	3	\$22,629,960	\$22,922,149	\$-292,188	-1.29%
In Construction	27	\$75,587,626	\$53,588,434	\$21,999,192	29.10%
Planning & Design	41	\$513,864,043	\$49,763,992	\$464,100,051	90.32%
Other	37	\$84,349,902	\$4,441,930	\$79,907,972	94.73%
Total	209	\$833,666,040	\$263,640,502	\$565,715,027	67.86%



This report is a snapshot of CIP spending and displays the cost of projects as they evolve from un-initiated to completed. Within each phase, actual expenditures is compared to the 2017 CIP Budget Plan to arrive at dollars remaining.

“Planning/Design” budget values are not fully encumbered and therefore not meant for comparison to actual expenditures. Only upon completion of the planning and design phase will project budget and actual expenditures be recategorized to “In Construction” and a good measure of budget adherence.

“In Construction” dollar values reflect encumbrances (Budget) and expenditures (Actual Spent to date); comparing these numbers describes budget adherence.

“Other” phase includes projects that are administrative in nature (e.g. SRF loan expenses, Insurance, etc) and/or projects that have not been initiated.

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AGENDA ITEM 5E

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Silicon Valley Clean Water
Commissioners' Requested Action Items
Updated: 08/11/2018

AUGUST 23, 2018
AGENDA ITEM 5E

Commission Meeting Date	Action Item		Requested or Estimated Date for Completion	Status			Date of Completion	Notes
				Ongoing	In Progress	Complete		
7/12/2018	1	Provide interim financials for end of FY17-18	8/23/2018			✓	8/11/2018	Interim financials provided; audited financials to be presented to Commission in October/November 2018
	2	Reschedule December meeting to late November or early December	8/23/2018			✓	7/15/2018	December Commission meeting scheduled for December 6
	3	Prepare Commission member on-boarding package	first quarter 2019		✓			Ready for new Commissioners to bring up to date/provide background information on SVCW policies and strategy
6/28/2018	1	No new items at this meeting						
6/14/2018	1	8B - Front of Plant project, report back if allowance is used	N/A		✓			Allowance was provided for up to 40 additional piles
	2	8C - Line of Credit; report back if proportion of use changes from JPA apportionment	N/A		✓			Currently use is proportional to JPA apportionment; should use of the LOC proportionally change, report this to Commission.
	3	8E - JPA Amendment; re-initiate "clean up" to JPA	N/A		✓			Make required and requested changes to the JPA a priority.
5/10/2018	1	No new items at this meeting						
4/12/2018	1	Prepare letter in Support of AB1912	N/A			✓	4/17/2018	Prepare for John Seybert signature. Include all Commission names and who they're representing.
	2	FY18-19 Operating Budget	1-2 weeks			✓	5/2/2018	Send e-version, along with Benchmarking Chart of SVCW costs compared to other Bay Area WWTP costs, to Commissioners (Benchmarking Only), Member Agency Finance Directors and Tech Committee members.
3/8/2018	1	Prepare memo for LRFP indicating how many dollars SVCW's procurement process and management strategies are saving	N/A		✓			In response to the fact that SVCW staff is implementing significant projects with relatively little overhead costs.
	2	Recycled Water Workshop in Stanford	April			✓	4/12/2018	Reported highlights from the Recycled Water Workshop held at Stanford on March 9
	3	Operating Budget Benchmarking	April			✓	4/12/2018	Benchmark SVCW's operating budget increase with other agencies in the Bay Area; reported out at April meeting.
1/18/2018	1	RESCU Program and Project Updates	N/A	✓				When available, upload monthly dashboard summary reports onto website and email to Tech Cmte members.
	2	Gravity Pipeline Acquisitions	N/A		✓			Report out on acquisition results when available.

Silicon Valley Clean Water
Commissioners' Requested Action Items
Updated: 08/11/2018

AUGUST 23, 2018
AGENDA ITEM 5E

Commission Meeting Date	Action Item		Requested or Estimated Date for Completion	Status			Date of Completion	Notes
				Ongoing	In Progress	Complete		
12/14/2017	1	Change Design-Build Policy to reflect a sunset date of December 31, 2024 to current amount of \$300k Manager-authorization level for construction change orders unless extended by the Commission at a later date	12/14/2017			✓		Changes made to Approved Resolution
11/9/2017	1	Prepare and install signage for Front of Plant area describing what's occurring for public	12/1/2017			✓		Sign designed and installed.
10/5/2017	1	When SVCW can begin exporting power to grid, make public for positive public relations standpoint	N/A		✓			While this is a good opportunity for positive public relations, it will take many months and maybe years to reach the point that SVCW is routinely exporting power. Updates will be provided to the Commission until the program is implemented.
	2	Project delay costs	N/A	✓			Ongoing	Inform Commission of any potential delays that could add time and costs to projects they have authorized.
9/14/2017	1	Add Consent Item re: payment to Mobile Modular	10/5/2017			✓	10/5/2017	Payment to Mobile Modular in the amount of \$68k was included in an Action at the November Commission meeting.
	2	Begin process to get onto City's and WBSD's Board meetings' calendars to discuss upcoming bond issuance.	9/20/2017			✓	10/5/2017	Council and Board meeting calendars fill up quickly; to ensure SVCW's bond issuance is considered by each member agency, issue a memo/email to each to get onto December calendars.
	3	Provide recommendation on increased Manager-authority for two Design-Build projects	12/14/2017			✓	12/14/2017	Included in Agenda action on 12/14/2017
> One Year	1	MOU Negotiations	NA		✓			MOU negotiations have begun and the Commission will be updated at each meeting.
	2	Greendale property construction progress	8/31/2018		✓			Work is progressing and expected to be complete by August 31, 2018. Additional costs are being tabulated on a direct time and materials basis with no mark up by contractor.
	4	Connection Fees	NA		✓			Additional plant capacity evaluation is underway to ensure proper flow numbers are used in the calculations. Will be incorporated into upcoming JPA changes.

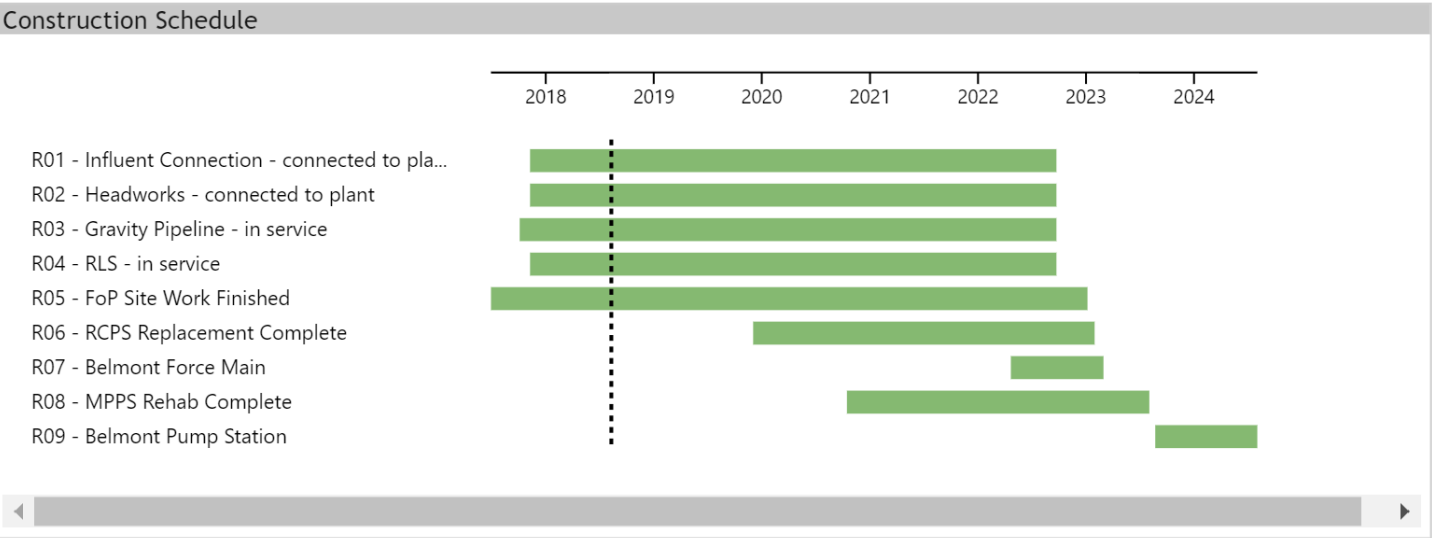
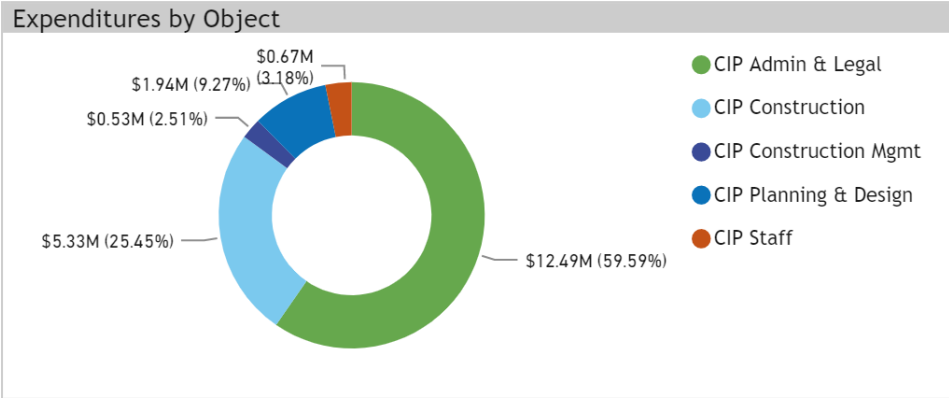
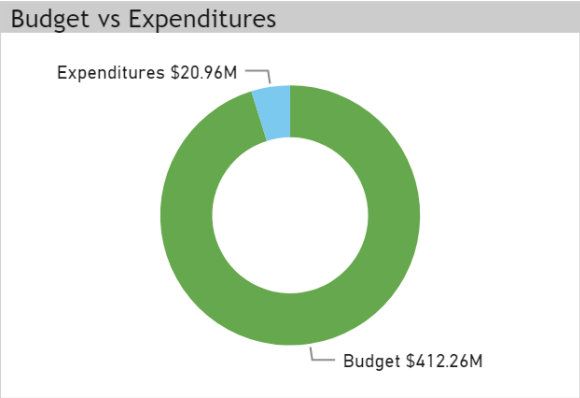
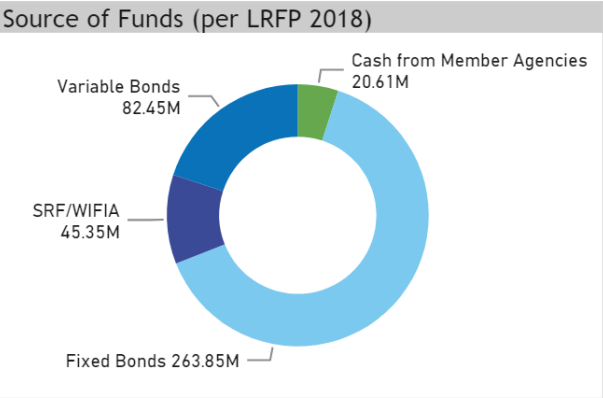
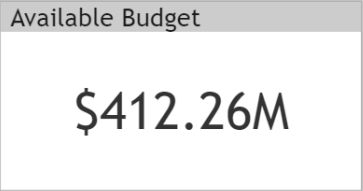
AGENDA ITEM 5F

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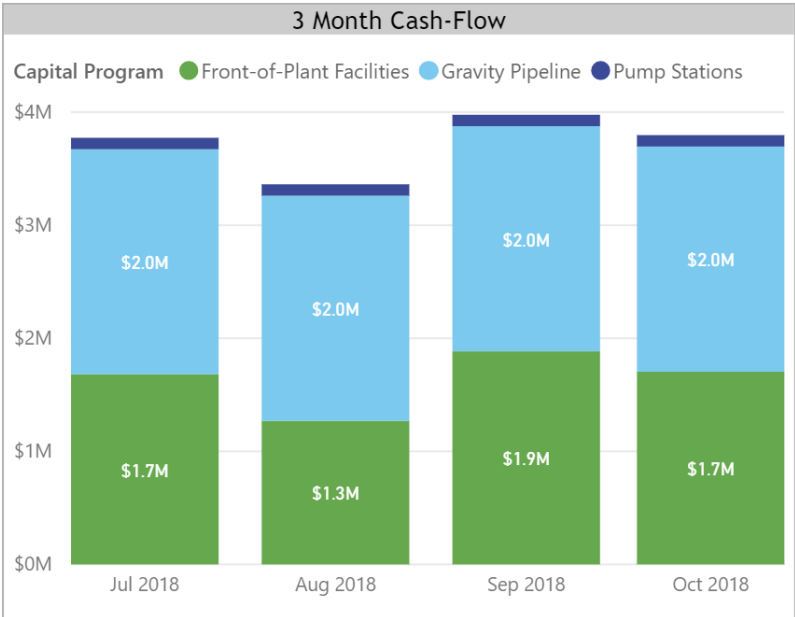
Overview



RESCU Program describes eleven projects which constitute full replacement and rehabilitation of SVCW's conveyance system. RESCU includes the Gravity Pipeline, Front of Plant, Pump Stations, and Belmont Force Main projects. The Front of Plant includes six of the eleven projects. The Conveyance System Improvements Environmental Impact Report completed and adopted by the SVCW Commission in April 2017 covers work to be done under all the RESCU Program projects.



As of : 2018 - 07



Front of Plant Progressive DB Project



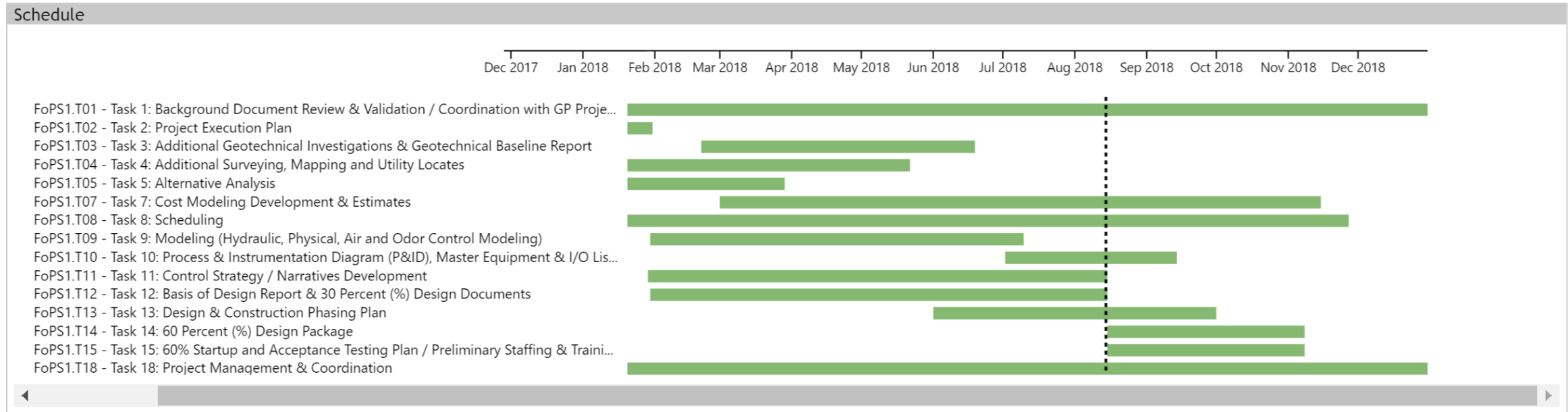
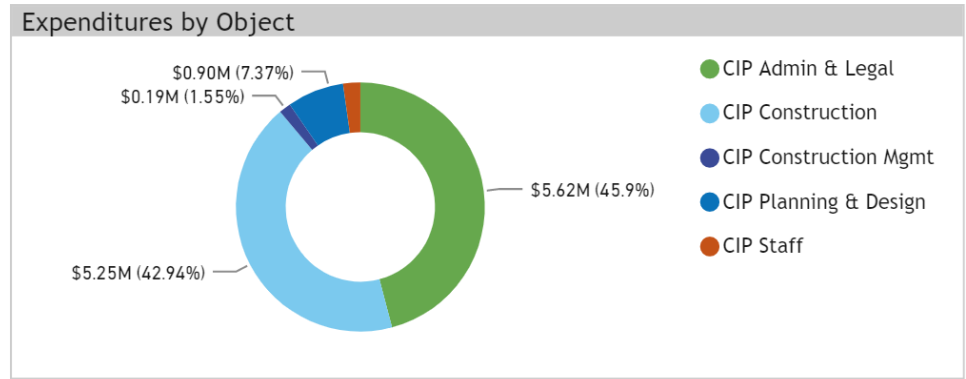
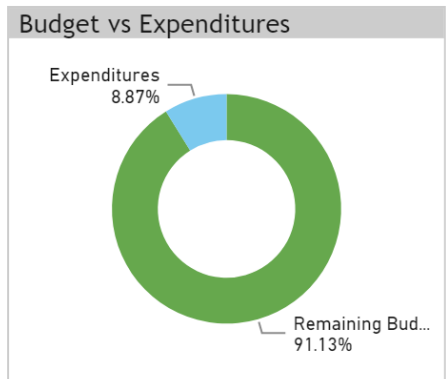
The Front of Plant (FoP) Project consists of the design, construction, permitting, start-up, commissioning, and closeout for Receiving Lift Station (RLS), Headworks Facility, Odor Control Facilities, Influent Connector Pipe, Chemical Offload Facilities, Civil site work, Emergency Overflow pipe to storage basin and related process support systems. Work is being implemented under a Progressive Design-Build procurement process in stages.

Available Budget
\$123.55M

Total Expenditure
\$11.97M

Remaining Budget
\$111.53M

Milestone Schedule		
	Scheduled	Accomplished
Notice to Proceed - Stage 1 Services		11/28/2017
Basis of Design Report (BODR)	8/30/2018	
30 Percent (%) Design Documents	8/30/2018	
60 Percent (%) Design Documents	11/8/2018	
Stage 2A - Piles		6/14/2018
Stage 2B - RLS Shaft Preparation		7/12/2018
Stage 2C - RLS Shaft Construction	8/23/2018	
Stage 2D - Balance of Stage 2 Work	12/6/2018	
Stage 1 Services Complete	11/30/2018	



As of : 2018 - 07



Major Accomplishments this Period	
	▼
Design	<div>- Resubmitted the BODR for review</div> <div>- Continued development of RLS internal layout</div> <div>- Finalized computational fluid dynamics modeling for RLS</div> <div>- Finalized the design of the RLS shaft</div> <div>- Finalized the design of the Surge and Flow Splitter (SFS) after the scope of work was transfered the GP project to the FoP project</div> <div>- Finalized the Headworks building footprint and pile design</div> <div>- Submitted the 30% Design Package for SVCW's review</div>
Procurement of Trade Packages	<div>- Completed an August 2018 early release package for the construction of the RLS and the Surge and Flow Splitter (SFS)</div>
Construction	<div>- Completed the installation of the indicator piles for the Headworks Facility and the RLS discharge piping</div>

3 - Month Look Ahead					
	Start	End	August	September	October
Finalize Basis of Design Report Package	Friday, May 11, 2018	Thursday, August 30, 2018	X		
Submit/Review/Finalize 30% Design Package	Wednesday, July 11, 2018	Thursday, August 30, 2018	X		
Submit/Review/Finalize 60% Design Package	Monday, September 24, 2018	Thursday, November 8, 2018		X	X

Upcoming Key Activities
Finalize results from physical modeling of RLS
Finalize BODR
Continue detailing RLS and Headworks facilities
Complete review of 30% Design Package
Submit 60% Design Package

Safety Spot Light	
Category	Value
Lost Time	0
Near Misses	0
Recorded Losses	0

Gravity Pipeline Progressive DB Project



The Gravity Pipeline (GP) Project consists of the design, construction, permitting, start-up, commissioning, and closeout of approximately 17,600 feet of wastewater gravity FRP pipe inside a concrete-segment tunnel. The work includes three shafts and will interface directly with the Front of Plant (FoP) Project at the Receiving Lift Station (RLS). Work is being implemented under a Progressive Design-Build procurement process.

Available Budget

\$221.88M

Total Expenditure

\$7.99M

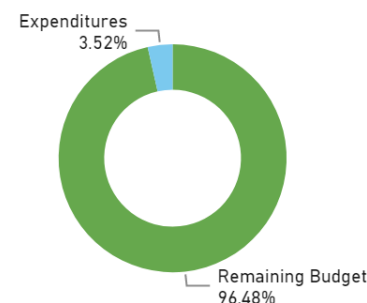
Remaining Budget

\$213.79M

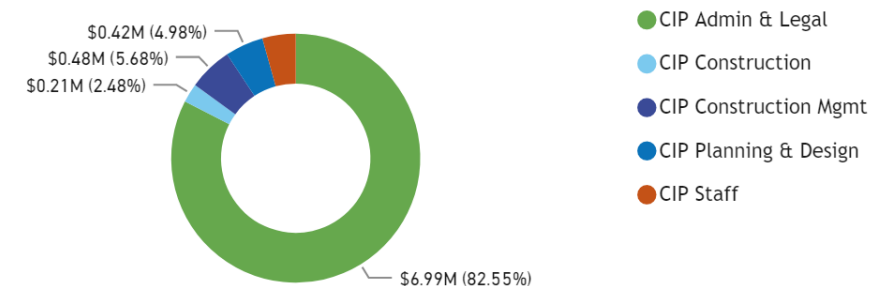
Milestone Schedule

	Scheduled	Accomplished
Notice to Proceed - Stage 1 Services		10/13/2017
Basis of Design Report (BODR)	10/4/2018	
30 Percent (%) Design Documents	10/30/2018	
60 Percent (%) Design Documents	12/5/2018	
Stage 2A Approval - TBM Purchase, Airport Clear and Grub, Crane purchase	8/23/2018	
Stage 2B Approval - Balance of Stage 2 Work - Early Start	10/11/2018	
Stage 2B Approval - Balance of Stage 2 Work - Late Start	12/6/2018	
Stage 1 Services Complete	12/13/2018	

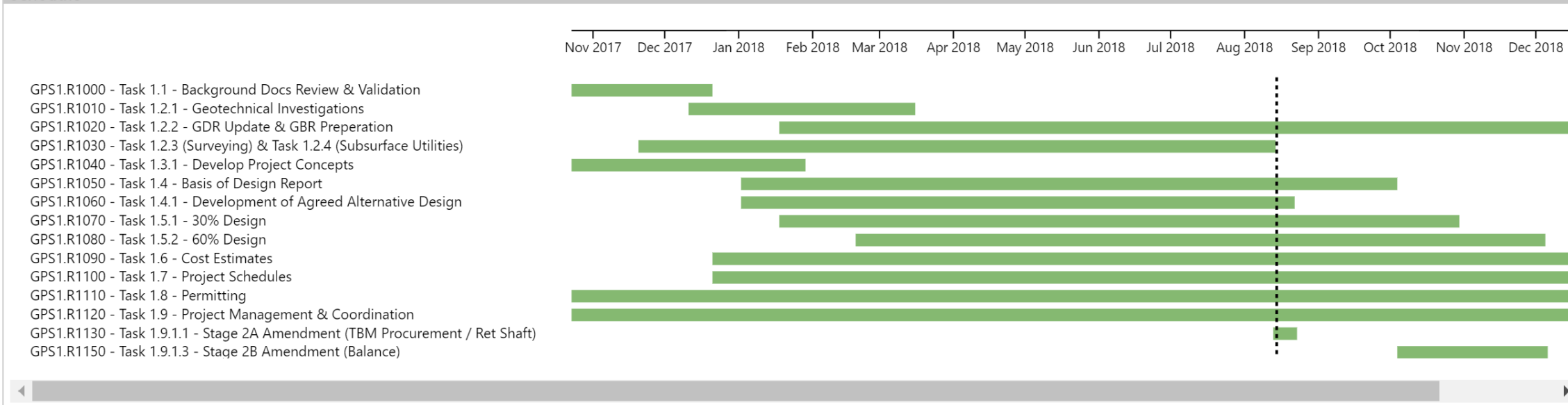
Budget vs Expenditures



Expenditures by Object



Schedule



As of : 2018 - 07

Gravity Pipeline Progressive DB Project



Major Accomplishments this Period

	▼
Design	<ul style="list-style-type: none"> - Completed GBR for the TBM manufacturer, continuing efforts on Project GBR - Continued sediment transport modeling - Continued air flow and H2S concentration modeling. Coordinating with FoP DB team - Progressed Airport Access Shaft design to 60% - Continued design of Bair Island and San Carlos shafts to 30% - Continued cost savings initiatives to lower Project cost
Procurement of Trade Packages	<ul style="list-style-type: none"> - Continued selection process for SOE Subcontractors - Ongoing discussions with FRP pipe manufacturers - Finalized TBM manufacturer pricing - Outreach in conformance with SRF and WIFIA funding requirements
Construction	- None

Upcoming Key Activities

Geotechnical Baseline Report
Airflow and grit transport design
Airport Access shaft coordination with San Carlos Airport
Inner Bair Island retrieval shaft design
Cost Reduction efforts to keep GP under budget
Stage 2A Amendment Negotiation and Approval (TBM, Crane, AAS Site)

3 - Month Look Ahead

	Start	End	August	September	October
Geotechnical Baseline Report	Wednesday, January 10, 2018	Wednesday, November 7, 2018	X	X	X
San Carlos Shaft Design (60% Design)	Wednesday, August 15, 2018	Wednesday, October 3, 2018	X	X	X
Tunnel Design (60% Design)	Thursday, April 26, 2018	Wednesday, October 17, 2018	X	X	X
Hydraulic Design (60% Design)	Wednesday, August 15, 2018	Wednesday, October 17, 2018	X	X	X
Bair Island Shaft Design (60% Design)	Wednesday, August 8, 2018	Wednesday, September 26, 2018	X	X	X
Airport Access Shaft Design (100% Design)	Friday, August 24, 2018	Thursday, October 11, 2018	X	X	X
TBM Procurement (Stage 2A Proposal)	Monday, January 22, 2018	Thursday, August 23, 2018	X		

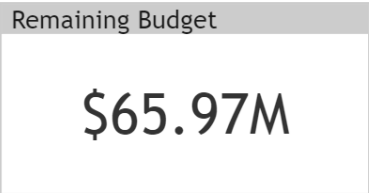
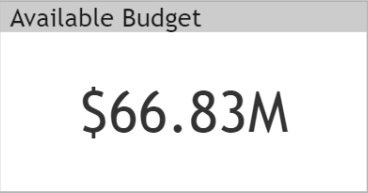
Safety Spot Light

Category	Value
Lost Time	0
Near Misses	0
Recorded Losses	0

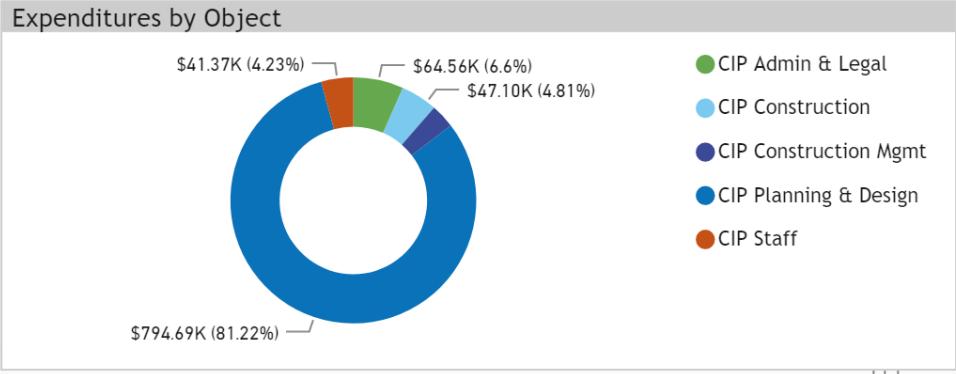
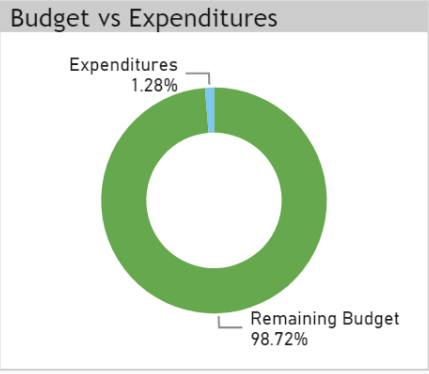
Pump Stations



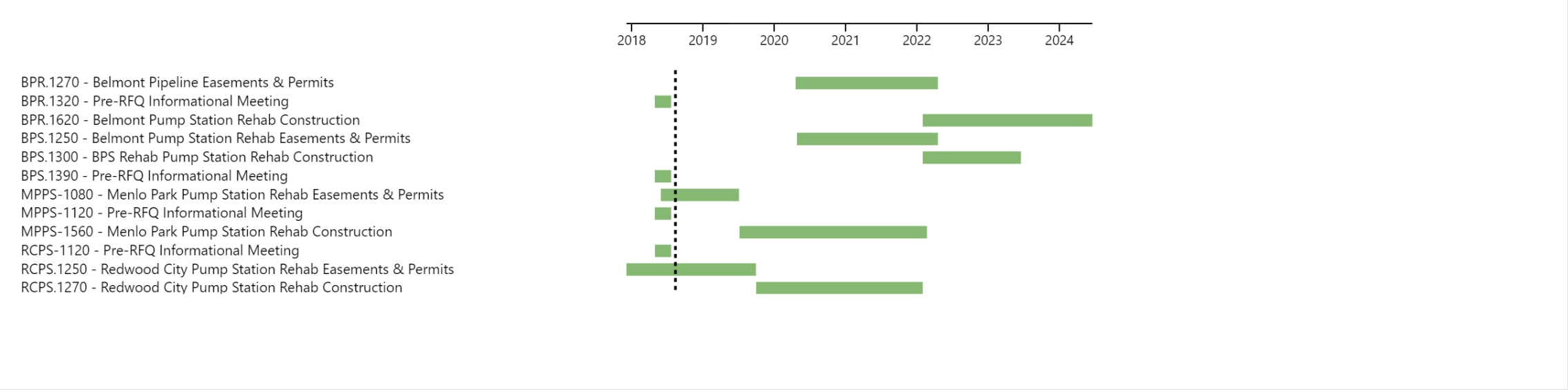
▼ All SVCW pump stations require replacement or rehabilitation. Menlo Park PS will be rehabilitated. Redwood City PS will be replaced. Belmont PS will be rehabilitated. San Carlos PS is no longer needed due to the new gravity pipeline; flows from San Carlos and Belmont will enter into the gravity pipeline via a drop structure at the current San Carlos pump station site. Flows from the MPPS and RCPS will flow through the new 48-inch force main to a drop structure at Inner Bair Island.



Milestone Schedule	Scheduled	Accomplished
PSI Project Procurement process approved by commission		7/13/2018
Issue RFQ		7/16/2018
D/B Selection Process - short list established	9/28/2018	
RFP issued	10/1/2018	
D/B Selection Process - proposals submitted	12/10/2018	



Schedule



Major Accomplishments this Period

	▼
Design	<div><div>- Significant interaction with SVCW O&M team and design team</div><div>- Preliminary decisions on MPPS: no bar screens, no valving to FEF, add trash rack, use chopper pumps; all decisions to be verified</div><div>- Preliminary decisions on RCPS: bar screens</div><div>- Decision: RCPS a wet well/dry well PS</div><div>-Coordinated design build contractor outreach for RFQ process</div></div>

Upcoming Key Activities

SOQ Submittal Process Underway
D/B Short List Established
RFP Development Underway

3 - Month Look Ahead

	Start	End	▲ August	September	October
SOQ Submission/Interview/Shortlist	Monday, July 16, 2018	Sunday, September 30, 2018	X	X	

Safety Spot Light

Category	Value
Lost Time	0
Near Misses	0
Recorded Losses	0

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AGENDA ITEM 7A

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**MINUTES OF SILICON VALLEY CLEAN WATER
REGULAR MEETING – JULY 12, 2018
8:00 a.m.**

ITEM 1

CALL TO ORDER

Commission Chair, Mr. Seybert called the meeting to order at 8:00 a.m.

ITEM 2

ROLL CALL - Commissioners Duly Appointed by Each Agency

Council Member John Seybert, Redwood City – Chair
Council Member Warren Lieberman, PhD., Belmont– Vice Chair
Mayor Robert Grassilli, San Carlos – Secretary
Board Member George B. Otte, P.E., West Bay Sanitary District

Staff, Consultants and Visitors Present

Christine C. Fitzgerald, SVCW Legal Counsel
Teresa A. Herrera, SVCW Manager
Matt Anderson, SVCW Chief Financial Officer/Administration Manager
Monte Hamamoto, SVCW Chief Operating Officer
Jennifer Flick, SVCW Human Resources Director
Bruce Burnworth, SVCW Senior Engineer
Derek Rampone, City of Redwood City
Molly Flowerday, City of Redwood City
E.J. Shalaby, DNS Strategic Partners, LLC
Bill Tanner, Tanner Pacific, Inc.
Mark Minkowski, Kennedy/Jenks
Daniel Schall, Barnard Bessac JV
Aren Hansen, Brown & Caldwell
Charlie Joyce, Brown & Caldwell
Darrell Murray, IEDA
Stacey Cue, IEDA
Janet McGovern, Sandul

ITEM 3

PLEDGE OF ALLEGIANCE

Commissioner Otte led those attending the meeting in the recital of the Pledge of Allegiance.

ITEM 4
PUBLIC COMMENT

There was no Public Comment.

ITEM 5A
SAFETY MOMENT

Ms. Herrera discussed the importance of not leaving children and/or pets in cars during hot weather.

ITEM 5B
MANAGER'S REPORT

New SVCW Accounting System: On July 1 SVCW went live with the new accounting system. As anticipated, there have been some issues to be resolved but overall the migration is going smoothly.

JPA Requested Changes: Next week Ms. Herrera plans to issue a letter to member agency managers requesting changes they might want to see made to the JPA.

ITEM 5C
FINANCIAL REPORTS

Commissioner Seybert asked when the final fiscal year audited financial reports would be issued.

Mr. Anderson responded that an interim report will be released in August and the final report issued in October/November.

ITEM 5D
ENGINEERING PROJECT STATUS UPDATE

There were no comments to the status update.

ITEM 5E
COMMISSION REQUESTED STAFF-LEVEL ACTION ITEMS

There were no comments to the list of items.

ITEM 5F
RESCU PROGRAM STATUS UPDATE

There were no comments to the written report.

ITEM 6

CLOSED SESSION

Closed Session was called to order at 8:04 a.m.

- A. LABOR NEGOTIATIONS (Govt. Code Section 54957.6(a))
AGENCY NEGOTIATORS: Teresa A. Herrera, SVCW Manager
Matt Anderson, SVCW, Chief Financial Officer/Admin. Manager
Jennifer Flick, SVCW, Human Resources Director
Monto Hamamoto, SVCW, Chief Operating Officer
Darrell Murray, IEDA
EMPLOYEE ORGANIZATION: IUOE LOCAL 39
- B. CONFERENCE WITH REAL PROPERTY NEGOTIATORS
Pursuant to Government Code Section 54956.8
Property Description: 999 Skyway Road, San Carlos, CA (APN: 046-081-780)
SVCW Negotiators: Lillian Jewell, Kevin Thorne (Hamner, Jewell & Associates);
SVCW Manager, Teresa A. Herrera; SVCW Senior Engineer Bruce Burnworth
Negotiating Parties: Hudson Skyway Landing, LLC, A Delaware limited liability
company.
Under Negotiation: Price and terms
- C. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
Significant exposure to litigation pursuant to Paragraph (2) of Subdivision (d) of
Government Code Section 54956.9 (One Potential Case)

ITEM 7

RECONVENE FROM CLOSED SESSION

Open Session reconvened at 8:41 a.m.

Ms. Fitzgerald reported that as to Closed Session Agenda Item 6A, no reportable action was taken.

Item 6B – the Commission unanimously approved a Final Purchase Agreement for subsurface easement from Hudson Landing located at 999 Skyway Road, San Carlos, CA for the Gravity Pipeline Project.

Item 6C – no reportable action was taken and direction was given to counsel.

ITEM 7

CONSIDERATION OF MOTION APPROVING CONSENT CALENDAR ITEMS 7A THROUGH 7E

Motion/Second: Mr. Lieberman / Mr. Otte

The Motion carried by Unanimous Roll Call Vote

ITEM 8A

CONSIDERATION OF RESOLUTION APPROVING PROGRESSIVE DESIGN-BUILD REQUEST FOR QUALIFICATIONS FOR PUMP STATION IMPROVEMENTS PROJECT.

This item has two parts to it; approval to issue the request for qualifications and approval of project management services for the pump station improvements project. Ms. Herrera projected aerial photos of the current Redwood City, Menlo Park, and Belmont Pump Stations and what the future improvements would look like. Work at the Menlo Park Pump Station and Belmont Pump Station will be contained within the existing buildings' footprint with the exception of a generator at the Menlo Park Pump Station which will be installed outside. The project also includes replacing the Belmont Force Main that will tie into the tunnel at the current San Carlos Pump Station site.

The project team recommended using a Progressive Design-Build delivery method. The legislation requires us to say why we are going with Progressive Design-Build when we issue Requests for Qualifications (RFQ). Reasons are due to the complexity of construction and construction sequencing; all sites are very space constrained and all pump stations need to remain functional while construction work is ongoing. Additionally, there is a tight budget available to get all the required work completed so we will use the process called Design-to-Budget. The progressive part allows for ongoing staff involvement throughout the design which is why progressive as opposed to a lump sum design-build is more beneficial to operations staff.

This item authorizes staff to issue the RFQ using procurement documents that have brought design to a 10% completion level. Responses to the RFQ will be in the form of Statements of Qualifications (SOQ). SOQ's are due August 24, 2018 after which the selection panel will review the SOQs, hold interviews with respondents, and shortlist up to three firms. Shortlisted firms will receive Request for Proposals in late September and Proposals will be due on December 10, 2018. Final selection of a Progressive Design-Build firm will be presented to the Commission for award at the February 14, 2019 meeting.

The other action on this item is for project management services by Collaborative Strategies. This company has been involved in the project since 2014 and has provided excellent services to the agency.

This recommendation is twofold: issue RFQs and approve a task order to Collaborative Strategies in the amount of \$460,530.

Commissioner Lieberman asked for the reason of the cost differential between the pump stations.

Ms. Herrera responded that the costs differentials are due to the extent of the work required; work at the Belmont Pump Station is primarily changing out the pumps; there is no reconfiguration of the structure needed. The Redwood City Pump Station will have the largest amount of changes; there will be a whole new structure built and significant mechanical changes.

Commissioner Lieberman commented that it was not just the size of pump station, but rather the scope of improvements that need to be done.

Ms. Herrera confirmed this was the case.

Commissioner Otte asked if there was Commission input required for issuing the RFP.

Ms. Herrera responded that there was no requirement, but reports on status will be issued to the Commission every month.

Motion/Second: Mr. Lieberman / Mr. Grassilli

The Resolution carried by Unanimous Roll Call Vote

ITEM 8B

CONSIDERATION OF RESOLUTION AWARDING STAGE 2B AMENDMENT TO PROGRESSIVE DESIGN-BUILD AGREEMENT FOR FRONT OF PLANT PROJECT.

There are two shafts that will be built at the front of the plant site; a Receiving Lift Station which will pump flow from the tunnel to the ground surface and a tunnel boring machine retrieval shaft which will be used to remove the TBM after tunneling is complete. After the TBM is removed, this shaft will be used as a surge tower. The shafts are approximately 90-feet deep and the smaller one is 47-foot diameter and the larger one 75-foot diameter. There will be a stairway as well as an elevator in the Receiving Lift Station.

The Stage 2B Amendment is for mobilizing construction equipment and readying the site for shaft construction, not to build the shafts. At the August Commission Meeting, SVCW will be seek approval for an amendment to build the shafts. Prior to that work starting, there is a lot of work that needs to be done; instead of losing a month and a half during critical dry weather, the project team seeks to get an amendment authorized to allow for

site preparation. The \$1,299,447 amount is relatively small compared to the cost for shafts' construction.

Commissioner Otte asked for clarification of the graphic that shows motors on top of the pump stations and to ensure these were not the pump motors.

Ms. Herrera clarified that what is shown are ventilation fans on top of the Pump Station.

Commissioner Lieberman asked that in terms of the Design-Build work to be done in packages, to what extent, if any, is there a risk that work on a portion of the project gets further along than other parts and then there is some kind of inconsistency that is discovered.

Ms. Herrera felt that the risk was relatively small due to the fact that the packages are small incremental steps of where we need to go.

Commissioner Lieberman asked that staff remain alert to the possibility of this situation to ensure the project does not get out of synch.

Commissioner Otte added that he shares this concern; if we approve too many pieces prior to pricing out the larger bulk of the project what happens if we can't negotiate the final-end product budget?

Ms. Herrera responded the SVCW would definitely keep a watchful eye on each of these amendments. The contract provides for an off-ramp to be taken if necessary, and each of the amendments retains the ability to take an off-ramp. We anticipate the bulk of Stage 2 to be negotiated no later than December and, if the situations go sideways, SVCW can take an off-ramp.

Motion/Second: Mr. Grassilli / Mr. Otte

The Resolution carried by Unanimous Roll Call Vote

ITEM 8C

CONSIDERATION OF RESOLUTION TO APPOINT SVCW MANAGER

Commissioner Seybert stated that at a sub-committee consisting of Messrs. Grassilli and Otte and Ms. Herrera it was decided to approve Agenda Items 8Ci and 8Cii which states that the Manager's monthly salary amount be set at \$25,000 and that Teresa Herrera be appointed Manager of Silicon Valley Clear Water.

Motion/Second: Mr. Grassilli / Mr. Otte

The Resolution carried by Unanimous Roll Call Vote

ITEM 10

MATTERS OF COMMISSION MEMBER'S INTEREST

Commission Chair Seybert requested staff to work on a SVCW Commission Member on-boarding session since there will be 2 to 3 new Commissioners after December. Plan for a 1 to 2 hour session for new Commissioners, bringing them up to date on all the activities occurring. The risk to be averted is going back in time and losing the traction that we currently enjoy. It will be important to do early in the new Commissioners career here at SVCW.

Commissioner Grassilli noted that the December Commission meeting will be too early for the member agencies to make appointments and even January may be too early. Likely will need to be the February 2019 meeting.

Commissioner Grassilli asked if there was a December meeting?

Commissioner Seybert noted that there is but that it will need to change to either late in November or early in December. Ms. Herrera will put an email out to the Commissioners with dates.

There being no further business, the meeting adjourned at 8:46 a.m.

Minutes Prepared By: Teresa A. Herrera, Manager

Robert Grassilli, Secretary

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AGENDA ITEM 7B

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Silicon Valley Clean Water
WARRANT REGISTER

<u>Vendor Name</u>	<u>Payment Date</u>	<u>Voucher #</u>	<u>Payment #</u>	<u>GL Account Name</u>	<u>Distribution Type</u>	<u>Transaction Description</u>	<u>Debit</u>
ALHAMBRA & SIERRA SPRINGS	7/13/2018	PMT100043	100050	Water Service	Purchase	5/18 BOTTLED WATER	\$ 194.78
ALHAMBRA & SIERRA SPRINGS	7/13/2018	PMT100043	100050	Supplies - Operating	Purchase	6/18 bottled water service	\$ 123.08
BUCKLES SMITH ELECTRIC COMPANY	7/13/2018	PMT100058	100051	Inventory	Purchase	Receivings Transaction Entry	\$ 923.40
CALIFORNIA DETAILERS, INC.	7/13/2018	PMT100059	100052	Maintenance Services - Fleet	Purchase	6/23/18 Fleet carwash on-site	\$ 275.00
CALIFORNIA ENVIRONMENTAL DEWAT	7/13/2018	PMT100060	100053	Recycled W-Operation-Waste Wat-Recycled -Chemicals	Purchase	6/18 POLYMER CED 1004	\$ 22,814.34
CALIFORNIA ENVIRONMENTAL DEWAT	7/13/2018	PMT100060	100053	Recycled W-Operation-Waste Wat-Recycled -Chemicals	Purchase	5/18 POLYMER	\$ 1,713.80
CALCON SYSTEMS, INC	7/13/2018	PMT100061	100054	Maintenance Services - Industrial	Purchase	flow meter calibrations	\$ 551.42
CALCON SYSTEMS, INC	7/13/2018	PMT100061	100054	Maintenance Services - Industrial	Purchase	flow meter calibrations	\$ 551.43
CALCON SYSTEMS, INC	7/13/2018	PMT100061	100054	Maintenance Services - Industrial	Purchase	flow meter calibrations	\$ 551.43
CALCON SYSTEMS, INC	7/13/2018	PMT100061	100054	Maintenance Services - Industrial	Purchase	flow meter calibrations	\$ 551.43
CALCON SYSTEMS, INC	7/13/2018	PMT100061	100054	Maintenance Services - Industrial	Purchase	flow meter calibrations	\$ 551.43
CALCON SYSTEMS, INC	7/13/2018	PMT100061	100054	Maintenance Services - Industrial	Purchase	flow meter calibrations	\$ 1,102.86
CALPERS - FISCAL SERVICES DIVI	7/13/2018	PMT100062	100055	Retiree Medical Payments	Purchase	7/18 PREFUNDING OPEB	\$ 35,000.00
CALIFORNIA SANITATION RISK MAN	7/13/2018	PMT100063	100056	Self Insurance-Finance-General-General-Insurance	Purchase	7/28/17 CLAIM-DEDUCTIBLE-POOL	\$ 348.60
CALIFORNIA WATER SERVICE CO	7/13/2018	PMT100064	100057	Utilities - Water	Purchase	5/15-6/14/18 water scps	\$ 280.93
CDW GOVERNMENT, INC.	7/13/2018	PMT100065	100058	Supplies - Office	Purchase	qty 1 zebra polypro 3000t	\$ 144.27
C H BULL COMPANY	7/13/2018	PMT100066	100059	Operating Fund-Safety-General-General-Supplies - G	Purchase	qty 2 linde tripod light	\$ 1,143.25
COLLABORATIVE STRATEGIES CONSU	7/13/2018	PMT100067	100060	CIP Constr-Engineeri-West Bay -Conveyanc-Construct	Purchase	6/9-7/5/18 TO 2017-03	\$ 16,222.50
COLLABORATIVE STRATEGIES CONSU	7/13/2018	PMT100067	100060	CIP Constr-Engineeri-Redwood C-Conveyanc-Construct	Purchase	6/9-7/5/18 TO 2017	\$ 16,222.50
DMJ GAS MARKETING CONSULTANTS,	7/13/2018	PMT100068	100061	Utilities - Natural Gas	Purchase	5/18 cogen gas	\$ 1,998.04
EPIC COMPLIANCE SYSTEMS, INC	7/13/2018	PMT100069	100062	Industrial	Purchase	5/25/18 MONITORING SYSTEM CERT	\$ 576.45
FASTENAL COMPANY	7/13/2018	PMT100070	100063	Supplies - Operating	Purchase	vendor managed restock	\$ 1,329.82
FASTENAL COMPANY	7/13/2018	PMT100070	100063	Supplies - Operating	Purchase	vendor managed restock	\$ 1,089.19
FASTENAL COMPANY	7/13/2018	PMT100070	100063	Administrative Expenses	Purchase	vendor managed restock	\$ 184.05
FASTENAL COMPANY	7/13/2018	PMT100070	100063	Operating Fund-Operation-General-General-Supplies	Purchase	vendor managed restock	\$ 929.25
FIELDMAN, ROLAPP & ASSOCIATES	7/13/2018	PMT100071	100064	Construction Admin & Legal	Purchase	5/30-6/26/18 OCIP loc svc	\$ 1,154.50
FIELDMAN, ROLAPP & ASSOCIATES	7/13/2018	PMT100071	100064	Construction Admin & Legal	Purchase	6/7-6/28/18 svc-wifia	\$ 2,430.84
FIELDMAN, ROLAPP & ASSOCIATES	7/13/2018	PMT100071	100064	Construction Admin & Legal	Purchase	6/14-6/18/18 srf debt svc	\$ 283.50
FIELDMAN, ROLAPP & ASSOCIATES	7/13/2018	PMT100071	100064	Construction Admin & Legal	Purchase	12/4/17-6/20/18 svc-loc	\$ 8,813.50
FINTA ENTERPRISES, INC	7/13/2018	PMT100072	100065	Outside Services	Purchase	TRANSPORTATION SVC-20YD BIN	\$ 816.00
FITZGERALD LAW OFFICES	7/13/2018	PMT100073	100066	CIP Construction	Purchase	5/18 Professional Svcs	\$ 5,654.40
FLUID COMPONENTS INTERNATIONAL	7/13/2018	PMT100074	100067	Industrial	Purchase	software upgrade	\$ 1,735.00
GRAINGER	7/13/2018	PMT100075	100068	Repair Tools & Equipment	Purchase	RESTOCK ITEMS	\$ 18.15
GRAINGER	7/13/2018	PMT100075	100068	Utilities - Water	Purchase	RESTOCK ITEMS	\$ 36.46
GRAINGER	7/13/2018	PMT100075	100068	Supplies - Operating	Purchase	RESTOCK ITEMS	\$ 31.37
GRAINGER	7/13/2018	PMT100075	100068	Operating Supplies	Purchase	restock items	\$ 447.69
HACH COMPANY	7/13/2018	PMT100076	100069	Utilities - Water	Purchase	qty 1 sensor, qty 1 mount	\$ 1,403.00
HARRINGTON INDUST PLASTICS	7/13/2018	PMT100077	100070	Utilities - Water	Purchase	PLUMBING SUPPLIES	\$ 265.05
HERC RENTALS INC.	7/13/2018	PMT100078	100071	Equipment Rental - Industrial	Purchase	5/22-5/23/18 rental-work light	\$ 363.08
HERC RENTALS INC.	7/13/2018	PMT100078	100071	Equipment Rental - Industrial	Purchase	4/25-5/23/18 rental-hose cam c	\$ 1,447.88
J.F. SHEA/PARSONS, A JOINT VEN	7/13/2018	PMT100079	100072	Construction Admin & Legal	Purchase	6/1-31/18 PRG PMT#7	\$ 171,973.08
J.F. SHEA/PARSONS, A JOINT VEN	7/13/2018	PMT100079	100072	CIP Constr-Engineeri-Front-of--Coarse Sc-Construct	Purchase	6/1-31/18 PRG PMT#7	\$ 171,973.08
J.F. SHEA/PARSONS, A JOINT VEN	7/13/2018	PMT100079	100072	Construction Admin & Legal	Purchase	6/1-31/18 PRG PMT#7	\$ 343,946.14
JHS CONSULTING, LLC	7/13/2018	PMT100080	100073	CIP Construction	Purchase	6/1-30/18 TO 2017-03	\$ 1,820.00

Silicon Valley Clean Water
WARRANT REGISTER

<u>Vendor Name</u>	<u>Payment Date</u>	<u>Voucher #</u>	<u>Payment #</u>	<u>GL Account Name</u>	<u>Distribution Type</u>	<u>Transaction Description</u>	<u>Debit</u>
KENNEDY/JENKS CONSULTANTS, INC	7/13/2018	PMT100081	100074	CIP Construction	Purchase	4/28-5/25/18 TO 2017-09	\$ 65,048.98
MARINA MECHANICAL	7/13/2018	PMT100082	100075	Parts & Equipment - Industrial	Purchase	4/18 inspection svc	\$ 3,090.00
MID-PENINSULA WATER DISTRICT	7/13/2018	PMT100083	100076	Utilities - Water	Purchase	4/15-5/15/18 BLPS Water Svc	\$ 169.22
MID-PENINSULA WATER DISTRICT	7/13/2018	PMT100083	100076	Utilities - Water	Purchase	5/15-6/15/18 blps water svc	\$ 229.91
MENLO PARK, CITY OF	7/13/2018	PMT100084	100077	Utilities - Water	Purchase	5/25-6/26/18 mpps water svc	\$ 381.46
OCCUMETRIC	7/13/2018	PMT100087	100078	Training	Purchase	6/28/18 BACK & SAFETY TRAINING	\$ 1,625.00
OTIS ELEVATOR COMPANY	7/13/2018	PMT100088	100079	Maintenance Services - Industrial	Purchase	7/18-9/18 ELEVATOR SVC	\$ 5,307.06
PALO ALTO ELECTRIC MOTOR CORP.	7/13/2018	PMT100089	100080	Maintenance Services - Industrial	Purchase	REPAIR AC MOTOR	\$ 6,176.48
PAPER TIGER READY PRINT	7/13/2018	PMT100090	100081	Supplies - General	Purchase	BOOKLETS-PUBLIC OUTREACH	\$ 4,895.00
PACIFIC GAS AND ELECTRIC COMPA	7/13/2018	PMT100091	100082	Utilities - Electricity	Purchase	5/24-6/24/18 pg&e elect-rcps	\$ 9,458.08
PACIFIC GAS AND ELECTRIC COMPA	7/13/2018	PMT100091	100082	Utilities - Electricity	Purchase	5/24-6/24/18 pg&e-rcps lyngso	\$ 27.39
PACIFIC GAS AND ELECTRIC COMPA	7/13/2018	PMT100091	100082	Utilities - Natural Gas	Purchase	5/31-6/30/18 pg&e gas-plant	\$ 299.95
PACIFIC GAS AND ELECTRIC COMPA	7/13/2018	PMT100091	100082	Utilities - Electricity	Purchase	5/18 departing load	\$ 9,631.47
PACIFIC GAS AND ELECTRIC COMPA	7/13/2018	PMT100091	100082	Utilities - Electricity	Purchase	5/25-6/25/18 pg&e elec-plant	\$ 84,205.92
POLYDYNE, INC.	7/13/2018	PMT100092	100083	Chemicals - Polymers	Purchase	6/2/18 41400 lb clarifloc	\$ 39,951.00
RED WING SHOE STORE	7/13/2018	PMT100093	100084	Operating Fund-Safety-General-General-Supplies - G	Purchase	6/30/18 safety shoes-makasini	\$ 260.00
RED WING SHOE STORE	7/13/2018	PMT100093	100084	Operating Fund-Safety-General-General-Supplies - G	Purchase	6/30/18 safety shoes-r ishaya	\$ 260.00
RED WING SHOE STORE	7/13/2018	PMT100093	100084	Operating Fund-Safety-General-General-Supplies - G	Purchase	6/30/18 safety shoes-deguzman	\$ 260.00
REPUBLIC SERVICES #925	7/13/2018	PMT100094	100085	Outside Services	Purchase	6/18 waste container svc	\$ 852.88
REDWOOD CITY, CITY OF(permits,bus lic,inspections)	7/13/2018	PMT100095	100086	Administrative Expenses	Purchase	FY 18-19 Business Tax Renewal	\$ 4.00
REDWOOD CITY, CITY OF-FINANCE(acct,fuel,vehicle,IT)	7/13/2018	PMT100096	100087	Supplies - Fuel	Purchase	4/16-5/15/18 FUEL CHARGES	\$ 1,552.98
REDWOOD CITY, CITY OF-FINANCE(acct,fuel,vehicle,IT)	7/13/2018	PMT100096	100087	Maintenance Services - Fleet	Purchase	4/16-5/15/18 VEHICLE REPAIR	\$ 1,109.38
REDWOOD CITY, CITY OF - WATER	7/13/2018	PMT100097	100088	Utilities - Water	Purchase	4/22-6/22/18 water svc	\$ 745.34
REDWOOD CITY, CITY OF - WATER	7/13/2018	PMT100097	100088	Utilities - Water	Purchase	5/28-6/28/18 water svc	\$ 68.30
REDWOOD CITY, CITY OF - WATER	7/13/2018	PMT100097	100088	Utilities - Water	Purchase	5/28-6/28/18 water-plant	\$ 1,146.56
REDWOOD CITY, CITY OF - WATER	7/13/2018	PMT100097	100088	Utilities - Trash	Purchase	5/28-6/28/18 garbage-plant	\$ 2,104.00
REDWOOD CITY, CITY OF - WATER	7/13/2018	PMT100097	100088	Utilities - Water	Purchase	5/28-6/28/18 water svc	\$ 96.02
REDWOOD CITY, CITY OF - WATER	7/13/2018	PMT100097	100088	Utilities - Water	Purchase	5/28-6/28/18 water & sewer svc	\$ 144.13
REDWOOD CITY, CITY OF - WATER	7/13/2018	PMT100097	100088	Utilities - Trash	Purchase	5/28-6/28/18 garbage svc	\$ 83.77
RSKA-REDWOOD SHORES COMMUNITY ASSOCIATION-TT	7/13/2018	PMT100098	100089	Construction Admin & Legal	Purchase	6/1/18 Ad-Community Outreach	\$ 655.00
SABAH INTERNATIONAL INC	7/13/2018	PMT100099	100090	Maintenance Services - Industrial	Purchase	5/31/18 SEMI-ANNUAL INSPECTION	\$ 570.00
SABAH INTERNATIONAL INC	7/13/2018	PMT100099	100090	Maintenance Services - Industrial	Purchase	5/31/18 QTLY SPRINKLER INSPECT	\$ 740.00
SABAH INTERNATIONAL INC	7/13/2018	PMT100099	100090	Maintenance Services - Industrial	Purchase	5/31/18 QTLY SPRINKLER INSPECT	\$ 1,022.75
SABAH INTERNATIONAL INC	7/13/2018	PMT100099	100090	Maintenance Services - Industrial	Purchase	5/31/18 SEMI-ANNUAL INSPECTION	\$ 720.00
SABAH INTERNATIONAL INC	7/13/2018	PMT100099	100090	Maintenance Services - Industrial	Purchase	5/31/18 QTLY SPRINKLER INSPECT	\$ 630.00
SABAH INTERNATIONAL INC	7/13/2018	PMT100099	100090	Maintenance Services - Industrial	Purchase	5/31/18 QTY SPRINKLER INSPECT	\$ 693.75
SABAH INTERNATIONAL INC	7/13/2018	PMT100099	100090	Maintenance Services - Industrial	Purchase	5/31/18 SEMI-ANNUAL INSPECTION	\$ 570.00
SANDUL, DUANE	7/13/2018	PMT100100	100091	Professional Services	Purchase	6/18 professional svcs	\$ 1,700.00
SHANKAR, SAMEET	7/13/2018	PMT100101	100092	Administrative Expense	Purchase	Reimb-3/18-6/17/18 phone	\$ 135.00
SAN MATEO COUNTY MOSQUITO AND	7/13/2018	PMT100102	100093	Outside Services	Purchase	5/31/18 mosquito & vector ctrl	\$ 227.32
STATE WATER RESOURCES CONTROL	7/13/2018	PMT100103	100094	Administrative Expenses	Purchase	Application id#498034	\$ 862.00
TANNER PACIFIC, INC.	7/13/2018	PMT100104	100095	Construction Management	Purchase	6/1-30/18 TO 2017-08	\$ 77,762.63
THATCHER COMPANY OF CALIFORNIA	7/13/2018	PMT100105	100096	Chemicals - Nitrate	Purchase	6/4/18 45180 lb Trioxyn	\$ 7,273.98
THATCHER COMPANY OF CALIFORNIA	7/13/2018	PMT100105	100096	Chemicals - Nitrate	Purchase	6/11/18 3746 gal trioxyn	\$ 7,029.26

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THATCHER COMPANY OF CALIFORNIA	7/13/2018	PMT100105	100096	Chemicals - Ferric	Purchase	6/19/18 47040 lb ferric	\$ 5,272.87
UNIVAR USA INC.	7/13/2018	PMT100106	100097	Chemicals - Sodium Hypo	Purchase	6/20/18 4011 gal hypo	\$ 1,957.47
UNIVAR USA INC.	7/13/2018	PMT100106	100097	Chemicals - Sodium Hypo	Purchase	6/26/18 4000 gal hypo	\$ 1,952.05
VERIZON WIRELESS	7/13/2018	PMT100107	100098	Communication Expenses	Purchase	5/24-6/23/18 Cell Phone Exp	\$ 10.02
WELLS FARGO-COMML OPERATIONS	7/13/2018	PMT100108	100099	CIP Construc-Engineeri-West Bay -General-Interest	Purchase	6/18 Interest Fee-2018 LOC	\$ 8.79
WELLS FARGO-COMML OPERATIONS	7/13/2018	PMT100108	100099	CIP Construc-Engineeri-Redwood C-General-Interest	Purchase	6/18 Interest Fee-2018 LOC	\$ 15.91
WELLS FARGO-COMML OPERATIONS	7/13/2018	PMT100108	100099	CIP Construc-Engineeri-San Carlo-General-Interest	Purchase	6/18 Interest Fee-2018 LOC	\$ 4.96
WELLS FARGO-COMML OPERATIONS	7/13/2018	PMT100108	100099	CIP Constructi-Engineeri-Belmont-General-Interest	Purchase	6/18 Interest Fee-2018 LOC	\$ 3.10
WEST BAY SANITARY DISTRICT	7/13/2018	PMT100109	100100	Prepaid Expenses	Purchase	7/1/18-6/30/19 FEF Pond	\$ 337,632.61
WEST YOST ASSOCIATES	7/13/2018	PMT100110	100101	Construction Admin & Legal	Purchase	6/2-6/30/18 TO 2016-03 SRF FIN	\$ 8,397.50
WRA ENVIRONMENTAL CONSULTANTS	7/13/2018	PMT100111	100102	Construction Admin & Legal	Purchase	5/1-31/18 TO 2017-02	\$ 43.62
WRA ENVIRONMENTAL CONSULTANTS	7/13/2018	PMT100111	100102	Construction Admin & Legal	Purchase	5/1-31/18 TO 2017-02	\$ 76.33
WRA ENVIRONMENTAL CONSULTANTS	7/13/2018	PMT100111	100102	Construction Admin & Legal	Purchase	5/1-31/18 TO 2017-02	\$ 32.71
WRA ENVIRONMENTAL CONSULTANTS	7/13/2018	PMT100111	100102	Construction Admin & Legal	Purchase	5/1-31/18 TO 2017-02	\$ 10.91
WRA ENVIRONMENTAL CONSULTANTS	7/13/2018	PMT100111	100102	CIP Constr-Engineeri-Front-of--Primary S-Construct	Purchase	5/1-31/18 TO 2017-02	\$ 21.81
WRA ENVIRONMENTAL CONSULTANTS	7/13/2018	PMT100111	100102	CIP Constr-Engineeri-Front-of--Coarse Sc-Construct	Purchase	5/1-31/18 TO 2017-02	\$ 119.96
WRA ENVIRONMENTAL CONSULTANTS	7/13/2018	PMT100111	100102	Construction Admin & Legal	Purchase	5/1-31/18 TO 2017-02	\$ 65.43
WRA ENVIRONMENTAL CONSULTANTS	7/13/2018	PMT100111	100102	Construction Admin & Legal	Purchase	5/1-31/18 TO 2017-02	\$ 130.86
WRA ENVIRONMENTAL CONSULTANTS	7/13/2018	PMT100111	100102	CIP Construction	Purchase	5/1-31/18 TO 2017-02	\$ 588.87
AMAZON CAPITAL SERVICES, INC.	7/13/2018	PMT100113	100103	Operating Fund-Safety-General-General-Supplies - G	Purchase	Receivings Transaction Entry	\$ 460.98
ANDERSON, MATT	7/13/2018	PMT100114	100104	Travel	Purchase	4/18-6/16/18 confr/mtg expense	\$ 35.84
BAY AREA NEWS GROUP	7/13/2018	PMT100115	100105	Construction Admin & Legal	Purchase	classified advertising-SMCT	\$ 567.89
BAY AREA NEWS GROUP	7/13/2018	PMT100115	100105	Construction Admin & Legal	Purchase	classified advertising-SMCT	\$ 607.13
BAY CITY ELECTRIC WORKS	7/13/2018	PMT100116	100106	Construction - General	Purchase	3/8-5/2/18 RETENTION RELEASE	\$ 48,527.19
BEECHER ENGINEERING	7/13/2018	PMT100117	100107	Construction Design	Purchase	5/27-6/14/18 TO 2017-02	\$ 6,422.00
CALIFORNIA ENVIRONMENTAL DEWAT	7/13/2018	PMT100118	100108	Recycled W-Operation-Waste Wat-Recycled -Chemicals	Purchase	6/22/18 recycled water polymer	\$ 22,736.27
COMCAST CORPORATION	7/13/2018	PMT100119	100109	Communication Expenses	Purchase	thru 6/30/18 comcast expense	\$ 903.27
COUNTY OF SAN MATEO - AIRPORT	7/13/2018	PMT100120	100110	Construction Admin & Legal	Purchase	8/18 Airport Property Rental	\$ 97,300.00
DNS STRATEGIC PARTNERS, LLC	7/13/2018	PMT100121	100111	Construction Design	Purchase	6/4-30/18 TO 2017-01	\$ 3,446.06
DNS STRATEGIC PARTNERS, LLC	7/13/2018	PMT100121	100111	CIP Constr-Engineeri-West Bay -Conveyanc-Construct	Purchase	6/4-30/18 TO 2017-01	\$ 4,594.74
DNS STRATEGIC PARTNERS, LLC	7/13/2018	PMT100121	100111	CIP Constr-Engineeri-Redwood C-Conveyanc-Construct	Purchase	6/4-30/18 TO 2017-01	\$ 765.79
DNS STRATEGIC PARTNERS, LLC	7/13/2018	PMT100121	100111	Construction Design	Purchase	6/4-30/18 TO 2017-01	\$ 8,423.68
DNS STRATEGIC PARTNERS, LLC	7/13/2018	PMT100121	100111	Construction Design	Purchase	6/4-30/18 TO 2017-01	\$ 765.79
DNS STRATEGIC PARTNERS, LLC	7/13/2018	PMT100121	100111	Construction Design	Purchase	6/4-30/18 TO 2017-01	\$ 1,914.47
DNS STRATEGIC PARTNERS, LLC	7/13/2018	PMT100121	100111	Construction Design	Purchase	6/4-30/18 TO 2017-01	\$ 3,446.05
DNS STRATEGIC PARTNERS, LLC	7/13/2018	PMT100121	100111	Construction Design	Purchase	6/4-30/18 TO 2017-01	\$ 765.79
DNS STRATEGIC PARTNERS, LLC	7/13/2018	PMT100121	100111	Construction Design	Purchase	6/4-30/18 TO 2017-01	\$ 4,977.63
FENTON, CHARLES	7/13/2018	PMT100122	100112	Professional Services	Purchase	6/12-4/6/18 TO 2017-01 consult	\$ 17,441.15
FENTON, CHARLES	7/13/2018	PMT100122	100112	Construction Design	Purchase	6/12-4/6/18 TO 2017-01 consult	\$ 1,485.25
FENTON, CHARLES	7/13/2018	PMT100122	100112	Construction Design	Purchase	6/12-4/6/18 TO 2017-01 consult	\$ 1,451.30
FENTON, CHARLES	7/13/2018	PMT100122	100112	Construction Design	Purchase	6/12-4/6/18 TO 2017-01 consult	\$ 2,461.28
FENTON, CHARLES	7/13/2018	PMT100122	100112	Construction Design	Purchase	6/12-4/6/18 TO 2017-01 consult	\$ 84.87
FENTON, CHARLES	7/13/2018	PMT100122	100112	Construction Design	Purchase	6/12-4/6/18 TO 2017-01 consult	\$ 2,970.51
FENTON, CHARLES	7/13/2018	PMT100122	100112	Construction Design	Purchase	6/12-4/6/18 TO 2017-01 consult	\$ 594.10

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FENTON, CHARLES	7/13/2018	PMT100122	100112	Construction Design	Purchase	6/12-4/6/18 TO 2017-01 consult	\$ 2,902.60
FENTON, CHARLES	7/13/2018	PMT100122	100112	Construction Design	Purchase	6/12-4/6/18 TO 2017-01 consult	\$ 1,621.05
FITZGERALD LAW OFFICES	7/13/2018	PMT100123	100113	CIP Contruction	Purchase	6/2-28/18 prof legal svcs	\$ 6,651.00
FREYER & LAURETA, INC	7/13/2018	PMT100124	100114	Construction Design	Purchase	3/18 TO 2017-02	\$ 650.00
FREYER & LAURETA, INC	7/13/2018	PMT100124	100114	Construction Design	Purchase	3/18 TO 2017-02	\$ 650.00
HANSEN, ERIC	7/13/2018	PMT100125	100115	Conference Fees	Purchase	6/10-14/18 travel expense-awwa	\$ 1,368.72
JENTECH SERVICES	7/13/2018	PMT100126	100116	Maintenance Services - Industrial	Purchase	Receivings Transaction Entry	\$ 3,135.30
JENTECH SERVICES	7/13/2018	PMT100126	100116	Maintenance Services - Industrial	Purchase	Receivings Transaction Entry	\$ 2,856.00
KENNEDY/JENKS CONSULTANTS, INC	7/13/2018	PMT100127	100117	Construction Design	Purchase	thru 6/29/18 TO 2017-01 svcs	\$ 538.00
KENNEDY/JENKS CONSULTANTS, INC	7/13/2018	PMT100128	100118	CIP Contruction	Purchase	5/26-6/29/18 TO 2017-09	\$ 66,390.04
LEE, DAVID	7/13/2018	PMT100129	100119	Communication Expenses	Purchase	4/18,5/18,&6/18 cell phone exp	\$ 135.00
LIEBERT CASSIDY WHITMORE	7/13/2018	PMT100130	100120	Memberships	Purchase	7/1/18-6/30/19 membership/subs	\$ 5,200.00
LIEBERT CASSIDY WHITMORE	7/13/2018	PMT100130	100120	Operating Fund-Human Res-General-General-Supplies	Purchase	7/1/18-6/30/19 membership/subs	\$ 895.50
POLYDYNE, INC.	7/13/2018	PMT100131	100121	Inventory	Purchase	6/27/18 clarifloc, qyt 6 totes	\$ 14,482.24
POLYDYNE, INC.	7/13/2018	PMT100131	100121	Inventory	Purchase	Receivings Transaction Entry	\$ 12,068.53
POLYDYNE, INC.	7/13/2018	PMT100131	100121	Inventory	Purchase	6/22/18 clarifloc, 6 totes	\$ 14,482.24
SANDUL, DUANE	7/13/2018	PMT100132	100122	Construction Design	Purchase	5/18-6/18 Conveyance Sys Svc	\$ 2,720.00
TANNER PACIFIC, INC.	7/13/2018	PMT100133	100123	Professional Services	Purchase	4/22-6/30/18 TO 2017-06	\$ 2,487.50
TANNER PACIFIC, INC.	7/13/2018	PMT100133	100123	CIP Constr-Eng, RWCPS	Purchase	6/17-30/18 TO 2017-07	\$ 480.00
TANNER PACIFIC, INC.	7/13/2018	PMT100133	100123	CIP Constr-Eng, iWest Bay	Purchase	6/17-30/18 TO 2017-07	\$ 480.00
TANNER PACIFIC, INC.	7/13/2018	PMT100133	100123	Construction Management	Purchase	6/17-30/18 TO 2017-07	\$ 5,403.75
TANNER PACIFIC, INC.	7/13/2018	PMT100133	100123	Construction Management	Purchase	6/17-30/18 TO 2017-07	\$ 1,385.00
TANNER PACIFIC, INC.	7/13/2018	PMT100133	100123	Construction Management	Purchase	6/17-30/18 TO 2017-07	\$ 19,802.50
TANNER PACIFIC, INC.	7/13/2018	PMT100133	100123	CIP Constr-Engineeri-CM	Purchase	6/17-30/18 TO 2017-07	\$ 15,780.44
TANNER PACIFIC, INC.	7/13/2018	PMT100133	100123	Revenue-Fu-Engineeri-Admin/CM	Purchase	6/17-30/18 TO 2017-07	\$ 4,526.00
TANNER PACIFIC, INC.	7/13/2018	PMT100133	100123	Construction Management	Purchase	6/17-30/18 TO 2017-05	\$ 7,443.50
TANNER PACIFIC, INC.	7/13/2018	PMT100133	100123	Construction Management	Purchase	6/17-30/18 TO 2017-07	\$ 6,748.00
TANNER PACIFIC, INC.	7/13/2018	PMT100133	100123	Construction management	Purchase	6/17-30/18 TO 2017-07	\$ 1,621.50
TANNER PACIFIC, INC.	7/13/2018	PMT100133	100123	Construction Management	Purchase	6/17-30/18 TO 2017-07	\$ 5,939.50
TANNER PACIFIC, INC.	7/13/2018	PMT100133	100123	Construction General	Purchase	4/1-5/12/18 TO 2017-01	\$ 7,115.00
THE FERGUSON GROUP LLC	7/13/2018	PMT100134	100124	Professional Services	Purchase	reimbursable exp-research/phon	\$ 77.04
UNIVAR USA INC.	7/13/2018	PMT100135	100125	Chemicals - Sodium Bisulfite	Purchase	6/11/18 sodium bisulfite	\$ 5,966.05
UNIVAR USA INC.	7/13/2018	PMT100135	100125	Chemicals - Sodium Bisulfite	Purchase	6/29/18 sodium bisulfite	\$ 6,525.61
UNIVAR USA INC.	7/13/2018	PMT100135	100125	Inventory	Purchase	6/29/18 sodium hypo	\$ 2,165.57
UNIVAR USA INC.	7/13/2018	PMT100135	100125	Inventory	Purchase	6/10/18 sodium hypo	\$ 2,165.04
VERIZON WIRELESS	7/13/2018	PMT100136	100126	Communication Expenses	Purchase	5/20-6/19/18 cell phone svc	\$ 147.49
VERIZON WIRELESS	7/13/2018	PMT100136	100126	Communication Expenses	Purchase	5/20-6/19/18 cell phone svc	\$ 2,004.38
WESTIN TECHNOLOGY SOLUTIONS, L	7/13/2018	PMT100137	100127	Construction Admin & Legal	Purchase	5/18 initial data extraction	\$ 825.00
WEST YOST ASSOCIATES	7/13/2018	PMT100138	100128	Construction Design	Purchase	5/5-6/30/18 TO 2014-03 Svc	\$ 1,125.00
XEROX CORPORATION	7/13/2018	PMT100139	100129	Equipment Rental - Office	Purchase	5/21-6/21/18 printer lease	\$ 297.57
XEROX CORPORATION	7/13/2018	PMT100139	100129	Equipment Rental - Office	Purchase	5/21-6/21/18 printer lease	\$ 506.62
XEROX CORPORATION	7/13/2018	PMT100139	100129	Equipment Rental - Office	Purchase	5/21-6/20/18 printer lease	\$ 385.07
XEROX CORPORATION	7/13/2018	PMT100139	100129	Equipment Rental - Office	Purchase	5/21-6/25/18 printer lease	\$ 1,067.80
XEROX CORPORATION	7/13/2018	PMT100139	100129	Equipment Rental - Office	Purchase	5/21-6/21/18 printer lease	\$ 321.85

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XEROX CORPORATION	7/13/2018	PMT100139	100129	Equipment Rental - Office	Purchase	5/21-6/21/18 printer lease	\$ 323.50
ALVAREZ ASSOCIATES LLC	7/13/2018	PMT100112	100130	Training	Purchase	6/13/18 Full Day Training	\$ 4,900.00
CYCLOTRON INC	7/13/2018	PMT100085	EFT0000000000001	Professional Services	Purchase	Sharepoint on-site support	\$ 2,000.00
CYCLOTRON INC	7/13/2018	PMT100085	EFT0000000000001	Professional Services	Purchase	Sharepoint Data Migration Svcs	\$ 150.00
HUI, CYNTHIA	7/13/2018	PMT100086	EFT0000000000002	Utilities - General	Purchase	Reim 6/18 Cell Phone Exp	\$ 45.00
ABLE UNDERGROUND CONSTRUCTION,	7/27/2018	PMT100140	100131	Operating -Operation-Waste Wat-FOG and O-Outside S	Purchase	7/9/18 grease tank cleaning	\$ 8,596.00
AIRGAS USA, LLC	7/27/2018	PMT100141	100132	Equipment Rental - Industrial	Purchase	Qty 1 propane ind cga forklift	\$ 56.82
AIRGAS USA, LLC	7/27/2018	PMT100141	100132	Equipment Rental - Industrial	Purchase	cylinder rent-Ar/He/H/N/CGA	\$ 165.86
AIRGAS USA, LLC	7/27/2018	PMT100141	100132	Equipment Rental - Industrial	Purchase	cylinder rent-Ar/He/H/N/CGA	\$ 170.18
ALHAMBRA & SIERRA SPRINGS	7/27/2018	PMT100142	100133	Water Service	Purchase	5/18 water svcs	\$ 153.08
ALHAMBRA & SIERRA SPRINGS	7/27/2018	PMT100142	100133	Water Service	Purchase	bottled water service	\$ 200.72
ALHAMBRA & SIERRA SPRINGS	7/27/2018	PMT100142	100133	Water Service	Purchase	bottled water service	\$ 171.22
ALPHA ANALYTICAL LABORATORIES	7/27/2018	PMT100143	100134	Outside Services	Purchase	lab analysis-plant permit	\$ 70.00
ALPHA ANALYTICAL LABORATORIES	7/27/2018	PMT100143	100134	Outside Services	Purchase	lab analysis-plant permit	\$ 210.00
ALPHA ANALYTICAL LABORATORIES	7/27/2018	PMT100143	100134	Outside Services	Purchase	lab analysis-plant permit	\$ 70.00
ALPHA ANALYTICAL LABORATORIES	7/27/2018	PMT100143	100134	Outside Services	Purchase	lab analysis	\$ 70.00
ALPHA ANALYTICAL LABORATORIES	7/27/2018	PMT100143	100134	Outside Services	Purchase	lab analysis	\$ 70.00
ALPHA ANALYTICAL LABORATORIES	7/27/2018	PMT100143	100134	Outside Services	Purchase	lab analysis	\$ 70.00
ALPHA ANALYTICAL LABORATORIES	7/27/2018	PMT100143	100134	Outside Services	Purchase	lab analysis	\$ 70.00
ALPHA ANALYTICAL LABORATORIES	7/27/2018	PMT100143	100134	Outside Services	Purchase	lab analysis	\$ 70.00
ALPHA ANALYTICAL LABORATORIES	7/27/2018	PMT100143	100134	Outside Services	Purchase	lab analysis	\$ 70.00
ALPHA ANALYTICAL LABORATORIES	7/27/2018	PMT100143	100134	Outside Services	Purchase	lab analysis	\$ 70.00
ALTEC PRODUCTS, INC	7/27/2018	PMT100144	100135	Supplies - Office	Purchase	office supplies	\$ 430.20
ALTEC PRODUCTS, INC	7/27/2018	PMT100144	100135	Supplies - Office	Purchase	office supplies	\$ 265.35
AMAZON CAPITAL SERVICES, INC.	7/27/2018	PMT100145	100136	Operating Fund-Safety-General-General-Supplies - G	Purchase	safety supplies	\$ 97.86
AMAZON CAPITAL SERVICES, INC.	7/27/2018	PMT100145	100136	Operating Fund-Safety-General-General-Supplies - G	Purchase	safety supplies	\$ 866.13
AMAZON CAPITAL SERVICES, INC.	7/27/2018	PMT100145	100136	Supplies - General	Purchase	qty 7 drink coasters	\$ 105.65
AMAZON CAPITAL SERVICES, INC.	7/27/2018	PMT100145	100136	Operating Fu-Purchasin-Warehouse-General-Supplies	Purchase	Qty 1 1500va smart-ups battery	\$ 374.68
APPLEONE EMPLOYMENT SERVICES	7/27/2018	PMT100146	100137	Professional Services	Purchase	w/e 6/23/18 temporary svcs	\$ 913.70
APPLEONE EMPLOYMENT SERVICES	7/27/2018	PMT100146	100137	Professional Services	Purchase	w/e 6/30/18 temporary svcs	\$ 922.08
AT&T	7/27/2018	PMT100147	100138	Communication Expenses	Purchase	7/7-8/6/18 phone service	\$ 67.26
AT&T	7/27/2018	PMT100147	100138	Communication Expenses	Purchase	7/7-8/6/18 phone svc	\$ 98.98
AT&T	7/27/2018	PMT100147	100138	Communication Expenses	Purchase	7/7-8/6/18 phone svc	\$ 98.98
AT&T	7/27/2018	PMT100147	100138	Communication Expenses	Purchase	7/7-8/6/18 phone svc	\$ 67.26
BARKERBLUE	7/27/2018	PMT100148	100139	Construction Admin & Legal	Purchase	bid docs - control bldg hvac	\$ 594.06
BARKERBLUE	7/27/2018	PMT100148	100139	Construction Admin & Legal	Purchase	bid docs - CCT/hvac file trans	\$ 5.75
BARKERBLUE	7/27/2018	PMT100148	100139	Construction Admin & Legal	Purchase	bid docs - CCT	\$ 302.21
BARKERBLUE	7/27/2018	PMT100148	100139	Construction Admin & Legal	Purchase	bid docs - CCT/hvac file trans	\$ 114.60
BARNARD BESSAC JOINT VENTURE	7/27/2018	PMT100149	100140	CIP Contruction	Purchase	6/18 ppr#8 gravity pipeline	\$ 630,810.23
BAY CITY ELECTRIC WORKS	7/27/2018	PMT100150	100141	Industrial	Purchase	4/26/18 emerg generator mnt	\$ 348.21
BAY CITY ELECTRIC WORKS	7/27/2018	PMT100150	100141	Industrial	Purchase	10/26&11/1/18 em generator mnt	\$ 348.21
BAY CITY ELECTRIC WORKS	7/27/2018	PMT100150	100141	Industrial	Purchase	4/26/18 emerg generator mnt	\$ 347.25
BEECHER ENGINEERING	7/27/2018	PMT100151	100142	Professional Services	Purchase	5/25-6/24/18 T.O.2017-01	\$ 2,197.00

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BEECHER ENGINEERING	7/27/2018	PMT100151	100142	Construction Design	Purchase	6/12-14/18 T.O.2018-01	\$ 676.00
BROWN & CALDWELL	7/27/2018	PMT100152	100143	Professional Services	Purchase	2/23-4/26/18 TO 2013-04 svcs	\$ 326.00
BROWN & CALDWELL	7/27/2018	PMT100152	100143	Construction Admin & Legal	Purchase	5/25-6/28/18 T.O.2017-06	\$ 98,062.38
BROWN & CALDWELL	7/27/2018	PMT100152	100143	Construction General	Purchase	5/25-6/28/18 T.O.2017-03	\$ 23,396.31
BROWN & CALDWELL	7/27/2018	PMT100152	100143	Construction General	Purchase	5/25-6/28/18 T.O.2017-04	\$ 14,080.50
BROWN INTERNATIONAL CORPORATIO	7/27/2018	PMT100153	100144	Construction - General	Purchase	install-food wase screens	\$ 30,647.73
BUCKLES SMITH ELECTRIC COMPANY	7/27/2018	PMT100155	100145	Utilities - Water	Purchase	qty 2 modbus	\$ 5,054.16
BUCKLES SMITH ELECTRIC COMPANY	7/27/2018	PMT100155	100145	Inventory	Purchase	qty 1 stratix	\$ 1,294.89
CALIFORNIA DETAILERS, INC.	7/27/2018	PMT100156	100146	Maintenance Services - Fleet	Purchase	7/7/18 svcw car wash	\$ 275.00
CALIFORNIA SANITATION RISK MAN	7/27/2018	PMT100157	100147	Workers Comp	Purchase	7/1/18-6/30/19 work comp	\$ 237,656.00
CALIFORNIA SANITATION RISK MAN	7/27/2018	PMT100157	100147	Prepaid Insurance	Purchase	7/1/18-6/30/19 property	\$ 18,095.00
CASCADE INTEGRATION & DEVELOPM	7/27/2018	PMT100158	100148	Professional Services	Purchase	2017 it support svcs	\$ 270.00
CASCADE INTEGRATION & DEVELOPM	7/27/2018	PMT100158	100148	Capitalized Asset	Purchase	T.O.2015-04	\$ 911.25
CASCADE INTEGRATION & DEVELOPM	7/27/2018	PMT100158	100148	Capitalized Asset	Purchase	T.O.2015-04	\$ 911.25
CASCADE INTEGRATION & DEVELOPM	7/27/2018	PMT100158	100148	Capitalized Asset	Purchase	T.O.2015-04	\$ 911.25
CASCADE INTEGRATION & DEVELOPM	7/27/2018	PMT100158	100148	Capitalized Asset	Purchase	T.O.2015-04	\$ 911.25
CASCADE INTEGRATION & DEVELOPM	7/27/2018	PMT100158	100148	Construction Design	Purchase	T.O.2016-01	\$ 7,843.99
CASCADE INTEGRATION & DEVELOPM	7/27/2018	PMT100158	100148	Construction Design	Purchase	T.O.2016-01	\$ 7,843.99
CASCADE INTEGRATION & DEVELOPM	7/27/2018	PMT100158	100148	Construction Design	Purchase	T.O.2016-01	\$ 7,843.98
CA ST-BOARD OF EQUALIZATION	7/27/2018	PMT100159	100149	State Sales And Use Tax	Purchase	sales tax accrual 4/18-6/18	\$ 1,932.63
CALIFORNIA WATER SERVICE CO	7/27/2018	PMT100160	100150	Utilities - Water	Purchase	6/15-7/13/18 water svc	\$ 278.29
CDM SMITH INC.	7/27/2018	PMT100161	100151	Professional Services	Purchase	thru 3/17/18 TO 2017-01 svcs	\$ 28,913.00
CINTAS CORP (laundry)	7/27/2018	PMT100162	100152	Operating Fund-Purchasin-General-General-Uniform a	Purchase	7/3/18 laundry service	\$ 881.20
CINTAS CORP (laundry)	7/27/2018	PMT100162	100152	Operating Fund-Purchasin-General-General-Uniform a	Purchase	7/10/18 laundry service	\$ 884.20
CINTAS CORP (laundry)	7/27/2018	PMT100162	100152	Operating Fund-Purchasin-General-General-Uniform a	Purchase	7/17/18 laundry service	\$ 1,043.60
CINTAS CORP (laundry)	7/27/2018	PMT100162	100152	Operating Fund-Purchasin-General-General-Uniform a	Purchase	6/18 laundry	\$ 908.13
CINTAS CORP (laundry)	7/27/2018	PMT100162	100152	Operating Fund-Purchasin-General-General-Uniform a	Purchase	6/18 laundry	\$ 875.13
CINTAS CORP (laundry)	7/27/2018	PMT100162	100152	Operating Fund-Purchasin-General-General-Uniform a	Purchase	6/18 laundry	\$ 1,090.13
COGSDALE CORPORATION	7/27/2018	PMT100163	100153	Construction Admin & Legal	Purchase	4/23-4/27/18 Travel Exp-Rob	\$ 3,426.59
COGSDALE CORPORATION	7/27/2018	PMT100163	100153	Construction Admin & Legal	Purchase	5/7/18-5/6/19 Add'l hosting	\$ 6,339.42
COGSDALE CORPORATION	7/27/2018	PMT100163	100153	Construction Admin & Legal	Purchase	4/23-4/27/18 Onsite Northcote	\$ 3,589.90
COGSDALE CORPORATION	7/27/2018	PMT100163	100153	Construction Admin & Legal	Purchase	4/29-5/3/18 onsite-singh	\$ 2,740.54
COLE-PARMER INSTRUMENT CO LLC	7/27/2018	PMT100164	100154	Operating Supplies	Purchase	Receivings Transaction Entry	\$ 213.15
COLLABORATIVE STRATEGIES CONSU	7/27/2018	PMT100165	100155	CIP Constr-Engineeri-Redwood C-Conveyanc-Construct	Purchase	6/8-7/5/18 TO 2017-01 Consult	\$ 1,522.50
COMCAST CORPORATION	7/27/2018	PMT100166	100156	Communication Expenses	Purchase	comcast svc thru 6/30/18	\$ 5,271.27
COMCAST CORPORATION	7/27/2018	PMT100166	100156	Communication Expenses	Purchase	comcast svc thru 6/30/18	\$ 1,000.00
COMCAST CORPORATION	7/27/2018	PMT100166	100156	Communication Expenses	Purchase	comcast svc thru 6/30/18	\$ 1,000.00
COMCAST CORPORATION	7/27/2018	PMT100166	100156	Communication Expenses	Purchase	comcast svc thru 6/30/18	\$ 1,000.00
COMCAST CORPORATION	7/27/2018	PMT100166	100156	Communication Expenses	Purchase	comcast svc thru 6/30/18	\$ 1,000.00
DALY, MICK	7/27/2018	PMT100167	100157	Equipment Rental - Office	Purchase	reimb 3/11-6/10/18 cell phone	\$ 135.00
DCM CONSULTING, INC.	7/27/2018	PMT100168	100158	Construction Design	Purchase	2/18 TO 2018-01 consulting svc	\$ 3,415.00
DCM CONSULTING, INC.	7/27/2018	PMT100168	100158	Construction Design	Purchase	3/18-6/18 TO 2018-01 svcs	\$ 16,288.80
DELL MARKETING LP.	7/27/2018	PMT100169	100159	Operating Fu-Informati-Admin/Con-General-Supplies	Purchase	IT Equipment	\$ 31,823.55
EDGLEY, KIP D.	7/27/2018	PMT100170	100160	Construction Design	Purchase	6/4-30/18 autom/instr/scada	\$ 1,448.95

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EDGLEY, KIP D.	7/27/2018	PMT100170	100160	Construction Design	Purchase	6/4-30/18 autom/instr/scada	\$ 6,520.26
EDGLEY, KIP D.	7/27/2018	PMT100170	100160	Construction Design	Purchase	6/4-30/18 autom/instr/scada	\$ 2,535.66
EDGLEY, KIP D.	7/27/2018	PMT100170	100160	Construction Management	Purchase	6/4-30/18 autom/instr/scada	\$ 1,630.06
EDGLEY, KIP D.	7/27/2018	PMT100170	100160	Construction Design	Purchase	6/4-30/18 autom/instr/scada	\$ 2,535.66
EDGLEY, KIP D.	7/27/2018	PMT100170	100160	Construction Design	Purchase	6/4-30/18 autom/instr/scada	\$ 5,071.31
EDGLEY, KIP D.	7/27/2018	PMT100170	100160	Construction Design	Purchase	6/4-30/18 autom/instr/scada	\$ 724.47
EDGLEY, KIP D.	7/27/2018	PMT100170	100160	Construction General	Purchase	6/4-30/18 autom/instr/scada	\$ 1,086.71
EDGLEY, KIP D.	7/27/2018	PMT100170	100160	Construction Design	Purchase	6/4-30/18 autom/instr/scada	\$ 905.59
ENVIRONMENTAL EXPRESS, INC	7/27/2018	PMT100171	100161	Repair Tools & Equipment	Purchase	qty 1 hotblock	\$ 3,558.93
ENVIRONMENTAL EXPRESS, INC	7/27/2018	PMT100171	100161	Operating Supplies	Purchase	lab supplies	\$ 345.13
ENVIRONMENTAL LOGISTICS, INC	7/27/2018	PMT100172	100162	Professional Services	Purchase	6/1/18 E-waste pickup	\$ 546.25
EVOQUA WATER TECHNOLOGIES LLC	7/27/2018	PMT100173	100163	Chemicals - Nitrate	Purchase	6/27/18 nitrate	\$ 7,105.84
FENTON, CHARLES	7/27/2018	PMT100174	100164	Professional Services	Purchase	4/9-5/4/18 consulting svc	\$ 15,579.90
FENTON, CHARLES	7/27/2018	PMT100174	100164	Professional Services	Purchase	5/7-6/1-18 consulting svcs	\$ 8,642.59
FENTON, CHARLES	7/27/2018	PMT100174	100164	Professional Services	Purchase	6/4-6/29/18 consulting svcs	\$ 6,782.37
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	4/9-5/4/18 consulting svc	\$ 2,992.64
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	5/7-6/1-18 consulting svcs	\$ 3,382.86
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	6/4-6/29/18 consulting svcs	\$ 4,350.96
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	4/9-5/4/18 consulting svc	\$ 167.65
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	5/7-6/1-18 consulting svcs	\$ 1,620.78
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	6/4-6/29/18 consulting svcs	\$ 2,474.07
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	4/9-5/4/18 consulting svc	\$ 670.62
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	5/7-6/1-18 consulting svcs	\$ 3,033.76
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	6/4-6/29/18 consulting svcs	\$ 1,023.75
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	4/9-5/4/18 consulting svc	\$ 712.53
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	5/7-6/1-18 consulting svcs	\$ 249.35
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	6/4-6/29/18 consulting svcs	\$ 3,881.74
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	4/9-5/4/18 consulting svc	\$ 251.48
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	4/9-5/4/18 consulting svc	\$ 670.62
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	5/7-6/1-18 consulting svcs	\$ 124.68
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	4/9-5/4/18 consulting svc	\$ 5,985.28
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	5/7-6/1-18 consulting svcs	\$ 6,724.16
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	6/4-6/29/18 consulting svcs	\$ 8,531.28
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	4/9-5/4/18 consulting svc	\$ 2,992.64
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	5/7-6/1-18 consulting svcs	\$ 3,590.65
FENTON, CHARLES	7/27/2018	PMT100174	100164	Construction Design	Purchase	6/4-6/29/18 consulting svcs	\$ 4,265.64
FIRST AMERICAN TITLE COMPANY	7/27/2018	PMT100175	100165	Construction - General	Purchase	ppty acq per agreemt 6/11/18	\$ 22,600.00
FISHER SCIENTIFIC COMPANY, LLC	7/27/2018	PMT100176	100166	Laboratory	Purchase	lab supplies	\$ 3,387.69
FITZGERALD LAW OFFICES	7/27/2018	PMT100177	100167	Professional Services	Purchase	6/18 general legal svcs	\$ 21,638.40
FOURNIER INDUSTRIES, INC.	7/27/2018	PMT100178	100168	Inventory	Purchase	qty 4 sensor box	\$ 500.00
FREYER & LAURETA, INC	7/27/2018	PMT100179	100169	Construction Admin & Legal	Purchase	5/18 TO 2017-06 consulting	\$ 14,820.00
GRAINGER	7/27/2018	PMT100180	100170	Accrued Purchases	Purchase	safety supplies	\$ 102.95
HACH COMPANY	7/27/2018	PMT100181	100171	Training	Purchase	wims training	\$ 7,853.00
HACH COMPANY	7/27/2018	PMT100181	100171	Accrued Purchases	Purchase	qty 1 junction box, qty 1 frig	\$ 6,580.46

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HACH COMPANY	7/27/2018	PMT100181	100171	Accrued Purchases	Purchase	qty 1 union mounting	\$ 259.91
HACH COMPANY	7/27/2018	PMT100181	100171	Accrued Purchases	Purchase	qty 1 ea PEEK, ph sensor	\$ 2,259.83
HACH COMPANY	7/27/2018	PMT100181	100171	Repair Tools & Equipment	Purchase	charger assy, strainer	\$ 703.20
HACH COMPANY	7/27/2018	PMT100181	100171	Repair Tools & Equipment	Purchase	qty 1 port comp	\$ 4,625.97
HACH COMPANY	7/27/2018	PMT100181	100171	Operating Supplies	Purchase	qty 3 nitraver	\$ 311.49
HACH COMPANY	7/27/2018	PMT100181	100171	Operating Supplies	Purchase	qty 2 buffer solutions	\$ 107.30
HAMNER, JEWELL & ASSOCIATES	7/27/2018	PMT100182	100172	CIP Construction	Purchase	5/16-6/15/18 svcs-easement	\$ 1,935.25
HARRINGTON INDUST PLASTICS	7/27/2018	PMT100183	100173	Utilities - Water	Purchase	plumbing supplies	\$ 370.90
HARRINGTON INDUST PLASTICS	7/27/2018	PMT100183	100173	Operating -Maintenance-Redwood C-Conveyanc-Supplies	Purchase	plumbing supplies	\$ 55.90
HARRINGTON INDUST PLASTICS	7/27/2018	PMT100183	100173	Inventory	Purchase	plumbing supplies	\$ 340.83
IEDA, INC.	7/27/2018	PMT100184	100174	Professional Services	Purchase	7/1/18-6/30/19 labor relations	\$ 9,042.00
JENTECH SERVICES	7/27/2018	PMT100185	100175	Maintenance Services - Industrial	Purchase	7/10-7/19/18 calibration	\$ 1,224.00
JENTECH SERVICES	7/27/2018	PMT100185	100175	Maintenance Services - Industrial	Purchase	7/10-7/19/18 calibration	\$ 1,707.30
JENTECH SERVICES	7/27/2018	PMT100185	100175	Maintenance Services - Industrial	Purchase	7/10-7/19/18 calibration	\$ 4,488.00
JHS CONSULTING, LLC	7/27/2018	PMT100186	100176	Construction Admin & Legal	Purchase	6/18 TO 2017-04 Consulting	\$ 7,852.00
JHS CONSULTING, LLC	7/27/2018	PMT100186	100176	CIP Construction	Purchase	6/18 TO 2017-04 Consulting	\$ 1,963.00
JONES HALL	7/27/2018	PMT100187	100177	Construction Admin & Legal	Purchase	legal svcs as of 6/21/18	\$ 20,000.00
KARLA'S JANITORIAL & SUPPLIERS LLC	7/27/2018	PMT100188	100178	Outside Services	Purchase	janitorial svcs	\$ 6,915.00
KARLA'S JANITORIAL & SUPPLIERS LLC	7/27/2018	PMT100188	100178	CIP Construc-Engineeri-General-Conveyanc-Construct	Purchase	janitorial services	\$ 841.50
KARLA'S JANITORIAL & SUPPLIERS LLC	7/27/2018	PMT100188	100178	Construction Admin & Legal	Purchase	janitorial services	\$ 1,435.50
KARLA'S JANITORIAL & SUPPLIERS LLC	7/27/2018	PMT100188	100178	CIP Construction	Purchase	janitorial services	\$ 2,673.00
KELLER CANYON LANDFILL CO.	7/27/2018	PMT100189	100179	Operating Fu-Operation-General-Sludge Di-Outside S	Purchase	5/21/18 grit hauling	\$ 957.11
KELLER CANYON LANDFILL CO.	7/27/2018	PMT100189	100179	Operating Fu-Operation-General-Sludge Di-Outside S	Purchase	6/19/18 grit hauling	\$ 717.52
KEN GRADY COMPANY, INC	7/27/2018	PMT100190	100180	Parts & Equipment - Industrial	Purchase	qty 4 ati sulfite sensors	\$ 1,435.50
KENNEDY/JENKS CONSULTANTS, INC	7/27/2018	PMT100191	100181	Construction Admin & Legal	Purchase	5/26-6/29/18 TO 2017-13 svcs	\$ 34,279.20
KENNEDY/JENKS CONSULTANTS, INC	7/27/2018	PMT100191	100181	Construction Admin & Legal	Purchase	5/26-6/29/18 TO 2017-07 svcs	\$ 563.89
KENNEDY/JENKS CONSULTANTS, INC	7/27/2018	PMT100191	100181	Construction Design	Purchase	3/31-5/25/18 TO 2017-01 svcs	\$ 892.00
KENNEDY/JENKS CONSULTANTS, INC	7/27/2018	PMT100191	100181	Construction Admin & Legal	Purchase	5/26-6/29/18 TO 2017-07 svcs	\$ 18.19
KENNEDY/JENKS CONSULTANTS, INC	7/27/2018	PMT100191	100181	Construction Admin & Legal	Purchase	5/26-6/29/18 TO 2017-07 svcs	\$ 18.19
KENNEDY/JENKS CONSULTANTS, INC	7/27/2018	PMT100191	100181	CIP Construction	Purchase	5/26-6/29/18 TO 2017-13 svcs	\$ 8,569.80
KENNEDY/JENKS CONSULTANTS, INC	7/27/2018	PMT100191	100181	CIP Construction	Purchase	5/26-6/29/18 TO 2017-07 svcs	\$ 1,218.73
LIEBERT CASSIDY WHITMORE	7/27/2018	PMT100192	100182	Professional Services	Purchase	prof svcs thru 6/30/18	\$ 100.00
LIEBERT CASSIDY WHITMORE	7/27/2018	PMT100192	100182	Professional Services	Purchase	d.a.hall mgmt thru 6/30/18	\$ 6,575.92
LIEBERT CASSIDY WHITMORE	7/27/2018	PMT100192	100182	Professional Services	Purchase	calpers appeal thru 6/30/18	\$ 2,420.00
LIEBERT CASSIDY WHITMORE	7/27/2018	PMT100192	100182	Professional Services	Purchase	complaint thru 6/30/18	\$ 84.00
MADCO WELDING SUPPLY CO	7/27/2018	PMT100193	100183	Maintenance Supplies	Purchase	3/12/18 cylinder rent-N/Ar	\$ 112.50
MOBILE MODULAR MANAGEMENT CORP	7/27/2018	PMT100194	100184	CIP Construc-Engineeri-General-Conveyanc-Construct	Purchase	6/29-7/28/18 rent-office	\$ 330.61
MOBILE MODULAR MANAGEMENT CORP	7/27/2018	PMT100194	100184	CIP Construc-Engineeri-General-Conveyanc-Construct	Purchase	6/29-7/28/18 rent-restroom	\$ 128.27
MOBILE MODULAR MANAGEMENT CORP	7/27/2018	PMT100194	100184	CIP Construc-Engineeri-General-Conveyanc-Construct	Purchase	6/29-7/28/18 rent-office	\$ 346.14
MOBILE MODULAR MANAGEMENT CORP	7/27/2018	PMT100194	100184	Construction Admin & Legal	Purchase	6/29-7/28/18 rent-office	\$ 590.48
MOBILE MODULAR MANAGEMENT CORP	7/27/2018	PMT100194	100184	Construction Admin & Legal	Purchase	6/29-7/28/18 rent-office	\$ 563.99
MOBILE MODULAR MANAGEMENT CORP	7/27/2018	PMT100194	100184	Construction Admin & Legal	Purchase	6/29-7/28/18 rent-restroom	\$ 218.81
MOBILE MODULAR MANAGEMENT CORP	7/27/2018	PMT100194	100184	CIP Construction	Purchase	6/29-7/28/18 rent-restroom	\$ 407.44
MOBILE MODULAR MANAGEMENT CORP	7/27/2018	PMT100194	100184	CIP Construction	Purchase	6/29-7/28/18 rent-office	\$ 1,099.51

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MOBILE MODULAR MANAGEMENT CORP	7/27/2018	PMT100194	100184	CIP Contruction	Purchase	6/29-7/28/18 rent-office	\$ 1,050.18
MOTION INDUSTRIES INC.	7/27/2018	PMT100195	100185	Operating Fu-Maintenan-Waste Wat-General-Supplies	Purchase	QTY 12 GREASE CARTRIDGES	\$ 107.68
NAVIA BENEFIT SOLUTIONS	7/27/2018	PMT100196	100186	Administrative Expenses	Purchase	6/18 participant fee	\$ 185.00
Nossaman LLP	7/27/2018	PMT100197	100187	Professional Services	Purchase	professional svcs thru 5/31/18	\$ 2,100.00
PACIFIC OFFICE AUTOMATION	7/27/2018	PMT100198	100188	Construction Admin & Legal	Purchase	7/5-8/4/18 rent/mnt-copier/prj	\$ 522.34
PACIFIC OFFICE AUTOMATION	7/27/2018	PMT100198	100188	CIP Contruction	Purchase	7/5-8/4/18 rent/mnt-copier/prj	\$ 130.59
PACIFIC WATER RESOURCES	7/27/2018	PMT100199	100189	Accrued Purchases	Purchase	Purchasing Invoice Entry	\$ 412.68
PAPE MATERIAL HANDLING INC.	7/27/2018	PMT100200	100190	Maintenance Services - Fleet	Purchase	repair services	\$ 555.56
PACIFIC GAS AND ELECTRIC COMPA	7/27/2018	PMT100201	100191	Utilities - Electricity	Purchase	6/13-7/12/18 sqps electric	\$ 6,254.78
PACIFIC GAS AND ELECTRIC COMPA	7/27/2018	PMT100201	100191	Utilities - Electricity	Purchase	6/14-7/13/18 blps electric	\$ 3,171.67
PACIFIC GAS AND ELECTRIC COMPA	7/27/2018	PMT100201	100191	Utilities - Natural Gas	Purchase	6/15-7/13/18 gas-plant	\$ 482.13
PACIFIC GAS AND ELECTRIC COMPA	7/27/2018	PMT100201	100191	Utilities - Natural Gas	Purchase	6/15-7/13/18 1406 elect&gas	\$ 29.44
PACIFIC GAS AND ELECTRIC COMPA	7/27/2018	PMT100201	100191	Utilities - Electricity	Purchase	6/15-7/13/18 1406 elect&gas	\$ 540.45
POLYDYNE, INC.	7/27/2018	PMT100202	100192	Chemicals - Polymers	Purchase	3/16/18 1385 gal clarifloc	\$ 12,068.53
POWER ENGINEERING CONSTRUCTION	7/27/2018	PMT100203	100193	Construction - General	Purchase	PPR 1-8/1-12/31/17 power eng	\$ 430,122.40
POWER ENGINEERING CONSTRUCTION	7/27/2018	PMT100203	100193	Construction - General	Purchase	ppr 002 - 1/18 to 4/18	\$ 409,777.49
POWER ENGINEERING CONSTRUCTION	7/27/2018	PMT100203	100193	Construction General	Purchase	8/20/17-4/27/18 prg pmt#11	\$ 74,789.71
PRAXAIR DISTRIBUTION INC	7/27/2018	PMT100204	100194	Operating Supplies	Purchase	qty 8 co2-nitrogen cylinders	\$ 756.90
PURE TEC INDUSTRIAL WATER	7/27/2018	PMT100205	100195	Maintenance Services - Industrial	Purchase	Di-Water system mtn	\$ 722.46
PURE TEC INDUSTRIAL WATER	7/27/2018	PMT100205	100195	Maintenance Services - Industrial	Purchase	lab supplies finance charge	\$ 10.84
REDWOOD CITY, CITY OF	7/27/2018	PMT100206	100196	Professional Services	Purchase	6/18 rwc acctng svcs	\$ 11,498.16
SAN FILIPPO, JOHN	7/27/2018	PMT100207	100197	Equipment Rental - Office	Purchase	reimb 2/26-5/25/18 cell phone	\$ 135.00
SILICON VALLEY CLEAN WATER (EE	7/27/2018	PMT100208	100198	Administrative Expenses	Purchase	8/18 comp-ee anniversary	\$ 225.00
SILICON VALLEY CLEAN WATER (SA	7/27/2018	PMT100209	100199	Administrative Expenses	Purchase	07/18 safety incentive	\$ 2,025.00
TELEPACIFIC COMMUNICATIONS	7/27/2018	PMT100210	100200	Communication Expenses	Purchase	7/9-8/8/18 telepacific svcs	\$ 1,720.53
THE OFFICE CITY	7/27/2018	PMT100211	100201	Operating Fund-Safety-General-General-Supplies - G	Purchase	safety supplies	\$ 2,805.75
THE OFFICE CITY	7/27/2018	PMT100211	100201	Supplies - Office	Purchase	office supplies	\$ 40.06
THE OFFICE CITY	7/27/2018	PMT100211	100201	Supplies - Office	Purchase	office supplies	\$ 216.79
THE OFFICE CITY	7/27/2018	PMT100211	100201	Supplies - Office	Purchase	office supplies	\$ 147.93
THE OFFICE CITY	7/27/2018	PMT100211	100201	Supplies - Office	Purchase	office supplies	\$ 46.37
USA BLUE BOOK	7/27/2018	PMT100212	100202	Operating Fu-Operation-General-Odor Cont-Supplies	Purchase	Receivings Transaction Entry	\$ 924.27
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Training	Purchase	6/4/18 lunch meeting-thai	\$ 38.44
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Training	Purchase	6/5/18 lunch meeting-kinder's	\$ 62.32
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Training	Purchase	6/12/18 adv leadership trng	\$ 1,996.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Training	Purchase	5/25/18 cwea mech exam-c child	\$ 210.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Accrued Purchases	Purchase	6/1/18 homedepot.com	\$ 197.90
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Accrued Purchases	Purchase	6/15/18 moquin press	\$ 833.96
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Accrued Purchases	Purchase	5/22/18 amazon.com	\$ 198.68
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Accrued Purchases	Purchase	6/2/18 home depot	\$ 148.86
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies Fuel	Purchase	5/27/18 fuel exp-maverik	\$ 72.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies Fuel	Purchase	5/27/18 fuel exp-maverik	\$ 77.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies Fuel	Purchase	5/28/18 fuel exp-loves country	\$ 64.35
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Construction Admin & Legal	Purchase	5/22/18 oa compliance lunch	\$ 100.92
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Office	Purchase	6/14/18 ms0365 lic project	\$ 30.00

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<u>Vendor Name</u>	<u>Payment Date</u>	<u>Voucher #</u>	<u>Payment #</u>	<u>GL Account Name</u>	<u>Distribution Type</u>	<u>Transaction Description</u>	<u>Debit</u>
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Office	Purchase	6/14/18 ms 0365 lic server	\$ 72.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Office	Purchase	6/14/18 ms 0365 licensing	\$ 180.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Equipment Rental - Industrial	Purchase	5/25/18 trenchplate rent-rcps	\$ 229.60
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Equipment Rental - Industrial	Purchase	6/6/18 trenchplate rent-rcps	\$ 229.60
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Operating Fund-Safety-General-General-Supplies - G	Purchase	6/12/18 casters-confined space	\$ 983.11
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Administrative Expenses	Purchase	5/30/18 anniversary cards	\$ 114.12
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Administrative Expenses	Purchase	5/30/18 anniversary cards	\$ 114.12
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Conference Fees	Purchase	6/4/18 calpers ed forum-jf	\$ 349.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Travel	Purchase	6/6/18 toll charges-fastrak	\$ 165.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Travel	Purchase	6/19/18 parking-city of sac	\$ 15.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Administrative Expenses	Purchase	5/30/18 mou negotiations lunch	\$ 213.23
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Administrative Expenses	Purchase	6/14/18 mou negotiations lunch	\$ 200.72
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Administrative Expenses	Purchase	6/20/18 mou negotiations lunch	\$ 159.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Administrative Expenses	Purchase	5/28/18 cloud storage-apple	\$ 0.99
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Administrative Expenses	Purchase	5/31/18 lodging-late meetings	\$ 110.85
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Office	Purchase	6/4/18 costco water	\$ 499.97
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - General	Purchase	6/12/18 bus lunch-town	\$ 99.96
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Fuel	Purchase	6/17/18 fuel exp-montclair gas	\$ 63.37
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Fuel	Purchase	6/8/18 fuel exp-chevron	\$ 70.01
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Fuel	Purchase	5/23/18 fuel exp-conserv fuel	\$ 54.89
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Fuel	Purchase	5/24/18 fuel exp-chevron	\$ 50.78
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Fuel	Purchase	5/28/18 fuel exp-usa 63201	\$ 45.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Operating	Purchase	6/8/18 lowes supplies	\$ 147.38
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Operating	Purchase	6/12/18 peninsula debris	\$ 420.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Operating	Purchase	6/13/18 home depot supplies	\$ 31.49
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Operating	Purchase	5/23/18 peninsula debris	\$ 32.30
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Operating	Purchase	5/24/18 home depot supplies	\$ 68.21
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Maintenance Services - Fleet	Purchase	6/11/18 oil change,fuel,wash	\$ 105.74
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Memberships	Purchase	cwea lab analyst fee-enrique	\$ 275.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Travel	Purchase	6/5/18 shuttle exp-devonyo	\$ 254.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Travel	Purchase	6/13/18 alaska air-devonyo	\$ 542.40
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Travel	Purchase	6/15/18 hotel-devonyo-trng	\$ 399.52
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Training	Purchase	6/14/18 filament regist-maria	\$ 1,300.00
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Operating	Purchase	astm reference material	\$ 62.40
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Utilities - Natural Gas	Purchase	4/10-5/9/18 greendale pg&e	\$ 639.67
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Supplies - Operating	Purchase	6/19/18 ofi testing equipment	\$ 528.54
U.S. BANK CORPORATE PAYMENT SY	7/27/2018	PMT100213	100203	Operating Fund-Operation-General-General-Supplies	Purchase	5/30/18 ofi testing equipment	\$ 179.65
VALLEY OIL COMPANY	7/27/2018	PMT100214	100204	Supplies - Fuel	Purchase	Qty 4 empty drums	\$ 295.80
VALLEY OIL COMPANY (VEHICLE FU	7/27/2018	PMT100215	100205	Supplies - Fuel	Purchase	5/16-5/31/18 svcw vehicle fuel	\$ 791.33
VALLEY OIL COMPANY (VEHICLE FU	7/27/2018	PMT100215	100205	Supplies - Fuel	Purchase	6/2-15/18 svcw vehicle fuel	\$ 1,120.10
VALLEY OIL COMPANY (VEHICLE FU	7/27/2018	PMT100215	100205	Supplies - Fuel	Purchase	6/16-30/18 svcw vehicle fuel	\$ 583.93
VWR INTERNATIONAL, LLC	7/27/2018	PMT100216	100206	Operating Supplies	Purchase	LAB SUPPLIES	\$ 373.83
WEST YOST ASSOCIATES	7/27/2018	PMT100217	100207	Construction Design	Purchase	5/5-6/1/18 TO 2017-01 svcs	\$ 6,367.18
WEST YOST ASSOCIATES	7/27/2018	PMT100217	100207	Construction Design	Purchase	6/2-6/30/18 TO 2017-01 svcs	\$ 7,915.04

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WEST YOST ASSOCIATES	7/27/2018	PMT100217	100207	Construction Design	Purchase	5/5-6/1/18 TO 2017-01 svcs	\$ 11,856.14
WEST YOST ASSOCIATES	7/27/2018	PMT100217	100207	Construction Design	Purchase	6/2-6/30/18 TO 2017-01 svcs	\$ 14,738.34
WEST YOST ASSOCIATES	7/27/2018	PMT100217	100207	Construction General	Purchase	5/5-6/1/18 TO 2017-01 svcs	\$ 3,732.49
WEST YOST ASSOCIATES	7/27/2018	PMT100217	100207	Construction General	Purchase	6/2-6/30/18 TO 2017-01 svcs	\$ 4,639.85
WRA ENVIRONMENTAL CONSULTANTS	7/27/2018	PMT100218	100208	CIP Construc-Engineeri-General-Conveyanc-Construct	Purchase	6/1-30/18 T.O.2017-02	\$ 564.55
WRA ENVIRONMENTAL CONSULTANTS	7/27/2018	PMT100218	100208	Construction Admin & Legal	Purchase	6/1-30/18 T.O.2017-02	\$ 963.06
WRA ENVIRONMENTAL CONSULTANTS	7/27/2018	PMT100218	100208	Construction Design	Purchase	6/1-30/18 T.O.2017-03	\$ 4,513.20
WRA ENVIRONMENTAL CONSULTANTS	7/27/2018	PMT100218	100208	Construction Design	Purchase	5/18 TO 2017-03 consulting	\$ 2,161.75
WRA ENVIRONMENTAL CONSULTANTS	7/27/2018	PMT100218	100208	CIP Contruction	Purchase	6/1-30/18 T.O.2017-02	\$ 1,793.29
YSI INC.	7/27/2018	PMT100219	100209	Repair Tools & Equipment	Purchase	QTY 1 EA PRO ODO	\$ 821.06
YSI INC.	7/27/2018	PMT100219	100209	Operating Supplies	Purchase	QTY 1 EA PRO ODO	\$ 1,060.31
ZUN ZUN	7/27/2018	PMT100220	100210	Outside Services	Purchase	4/17-6/18/18 Public Relations	\$ 3,000.00
BRYCE HR CONSULTING INC	7/27/2018	PMT100154	100211	Professional Services	Purchase	compensation study for mou	\$ 13,090.00
AIRGAS USA, LLC	7/27/2018	PMT100224	100239	Supplies - Fuel	Purchase	helium cylinder rental	\$ 170.18
AIRGAS USA, LLC	7/27/2018	PMT100224	100239	Supplies - Fuel	Purchase	argon cylinder rental	\$ 167.90
BAY ALARM COMPANY	7/27/2018	PMT100225	100240	Outside Services	Purchase	late fee	\$ 4.19
BAY ALARM COMPANY	7/27/2018	PMT100225	100240	Outside Services	Purchase	late fee	\$ 4.26
BAY ALARM COMPANY	7/27/2018	PMT100225	100240	Outside Services	Purchase	late fee	\$ 4.26
BAY ALARM COMPANY	7/27/2018	PMT100225	100240	Outside Services	Purchase	burglar monitor fee	\$ 575.99
BAY ALARM COMPANY	7/27/2018	PMT100225	100240	Outside Services	Purchase	late fee	\$ 12.23
BAY ALARM COMPANY	7/27/2018	PMT100225	100240	Outside Services	Purchase	late fee	\$ 5.26
BAY CITY ELECTRIC WORKS	7/27/2018	PMT100226	100241	Maintenance Services - Fleet	Purchase	5/18 pm svc-generator	\$ 297.49
BAY CITY ELECTRIC WORKS	7/27/2018	PMT100226	100241	Industrial	Purchase	5/18 pm-scps pump 2	\$ 297.49
BAY CITY ELECTRIC WORKS	7/27/2018	PMT100226	100241	Industrial	Purchase	5/18 pm-scps pump 1	\$ 347.35
BURNWORTH, BRUCE	7/27/2018	PMT100227	100242	Construction Admin & Legal	Purchase	6/23-28/18 Travel exp-NAT Conf	\$ 1,392.97
CDW GOVERNMENT, INC.	7/27/2018	PMT100228	100243	Supplies - Office	Purchase	qty 100 MS 0365 license	\$ 19,280.00
DMJ GAS MARKETING CONSULTANTS,	7/27/2018	PMT100229	100244	Operating -Operation-Waste Wat-Energy Ma-Utilities	Purchase	6/18 cogen gas	\$ 734.76
DUBLIN SAN RAMON SERVICES DIST	7/27/2018	PMT100230	100245	Operating Fund-Operation-General-General-Administr	Purchase	2018 chemical bidding fee	\$ 680.00
ENVIRONMENTAL LOGISTICS, INC	7/27/2018	PMT100231	100246	Professional Services	Purchase	6/6/18 waste disposal svc	\$ 4,006.49
GILBERT, AARON	7/27/2018	PMT100232	100247	Operating Fund-Safety-General-General-Supplies - G	Purchase	6/8/18 Safety Shoes	\$ 260.00
GRAINGER	7/27/2018	PMT100233	100248	Accrued Purchases	Purchase	boots,padiocks,ext cords	\$ 935.84
GRAINGER	7/27/2018	PMT100233	100248	Supplies - Operating	Purchase	qty 8 fuse, qty 10 connector	\$ 104.04
HILLYARD INC	7/27/2018	PMT100234	100249	Supplies - Operating	Purchase	qty 1 disp roll towel	\$ 22.98
Huffstutler, Robert	7/27/2018	PMT100235	100250	Construction Admin & Legal	Purchase	6/11-15/18 Travel exp-FoP trip	\$ 1,583.89
INDUSTRIAL SAFETY SUPPLY CORPO	7/27/2018	PMT100236	100251	Inventory	Purchase	qty3 plugstation,qty10 earplug	\$ 485.58
INTUITIVE TACTICAL CONSULTING	7/27/2018	PMT100237	100252	Construction Admin & Legal	Purchase	qty 1 sw subscription 1yr BND2	\$ 5,260.64
INTUITIVE TACTICAL CONSULTING	7/27/2018	PMT100237	100252	Construction Admin & Legal	Purchase	prof svcs for cogsdale	\$ 6,000.00
ISHAYA, TIFFANY	7/27/2018	PMT100238	100253	Travel	Purchase	6/12-17/18 Travel exp-ic trng	\$ 989.40
KEMP, JAMES R.	7/27/2018	PMT100239	100254	Operating Fund-Safety-General-General-Supplies - G	Purchase	6/30/18 Safety Shoes	\$ 129.88
KUMAR, RAJNESH	7/27/2018	PMT100240	100255	Memberships	Purchase	9/18-8/19 membership - cwea	\$ 188.00
LONG, JESSE	7/27/2018	PMT100241	100256	Operating Fund-Safety-General-General-Supplies - G	Purchase	7/16/18 Safety Shoes	\$ 260.00
MARINA MECHANICAL	7/27/2018	PMT100242	100257	Parts & Equipment - Industrial	Purchase	5/18 pm svc-chillers	\$ 1,194.91
MOTION INDUSTRIES INC.	7/27/2018	PMT100243	100258	Operating -Maintenan-Waste Wat-Secondary-Supplies	Purchase	qty 3 seal	\$ 41.18
MOTION INDUSTRIES INC.	7/27/2018	PMT100243	100258	Operating -Maintenan-Waste Wat-Secondary-Supplies	Purchase	qty 2 oil filter	\$ 32.71

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MOTION INDUSTRIES INC.	7/27/2018	PMT100243	100258	Inventory	Purchase	qty2 plastic chain	\$ 151.18
PACIFIC GAS AND ELECTRIC COMPA	7/27/2018	PMT100244	100259	Utilities - Electricity	Purchase	departing load charges	\$ 22,806.06
POLYDYNE, INC.	7/27/2018	PMT100245	100260	Inventory	Purchase	6/15/18 clarifloc	\$ 2,413.71
REDWOOD CITY, CITY OF-FINANCE(acct,fuel,vehicle,IT)	7/27/2018	PMT100246	100261	Supplies - Fuel	Purchase	5/16-6/15/18 fuel charges	\$ 1,403.59
REDWOOD CITY, CITY OF-FINANCE(acct,fuel,vehicle,IT)	7/27/2018	PMT100246	100261	Maintenance Services - Fleet	Purchase	5/16-6/15/18 vehicle repair	\$ 2,821.86
TANNER PACIFIC, INC.	7/27/2018	PMT100247	100262	Construction Management	Purchase	1/18 TO 2017-09 svcs	\$ 23,076.00
VWR INTERNATIONAL, LLC	7/27/2018	PMT100248	100263	Inventory	Purchase	qty 3 nitrile gloves	\$ 238.36
VWR INTERNATIONAL, LLC	7/27/2018	PMT100248	100263	Operating Supplies	Purchase	qty1 bottle bod,qty3 CI 10ml	\$ 1,260.79
WATERLOGIC AMERICAS LLC	7/27/2018	PMT100249	100264	Operating Fu-Operation-1404 Radi-General-Utilities	Purchase	3/12-6/11/18 water svc RESCU	\$ 97.88
WATERLOGIC AMERICAS LLC	7/27/2018	PMT100249	100264	Operating Fu-Operation-1404 Radi-General-Utilities	Purchase	6/12-9/11/18 water svc RESCU	\$ 97.88
WESTERN ENERGY SYSTEMS	7/27/2018	PMT100250	100265	Maintenance Services - Industrial	Purchase	5/18 ltsa svc-unit 2	\$ 9,532.95
WESTERN ENERGY SYSTEMS	7/27/2018	PMT100250	100265	Maintenance Services - Industrial	Purchase	6/18 ltsa svc-unit 1	\$ 9,195.73
WESTERN ENERGY SYSTEMS	7/27/2018	PMT100250	100265	Maintenance Services - Industrial	Purchase	5/18 ltsa svc-unit 1	\$ 9,390.28
WESTERN ENERGY SYSTEMS	7/27/2018	PMT100250	100265	Maintenance Services - Industrial	Purchase	6/18 ltsa svc-unit 2	\$ 7,289.14
SAFETY COMPLIANCE MANAGEMENT I	7/27/2018	PMT100221	EFT0000000000003	Training	Purchase	6/19/18 Chem hygiene plan trng	\$ 495.00
SAFETY COMPLIANCE MANAGEMENT I	7/27/2018	PMT100221	EFT0000000000003	Training	Purchase	safety training classes	\$ 1,728.00
CYCLOTRON INC	7/27/2018	PMT100222	EFT0000000000004	Professional Services	Purchase	Sharepoint on-site support	\$ 3,250.00
CYCLOTRON INC	7/27/2018	PMT100222	EFT0000000000004	Professional Services	Purchase	services-SP T&M	\$ 200.00
CYCLOTRON INC	7/27/2018	PMT100222	EFT0000000000004	Professional Services	Purchase	Sharepoint on-site support	\$ 50.00
C H BULL COMPANY	7/27/2018	PMT100223	EFT0000000000005	Operating -Maintenan-Redwood C-Conveyanc-Supplies	Purchase	qty 2 fiberglass ladders	\$ 348.00
C H BULL COMPANY	7/27/2018	PMT100223	EFT0000000000005	Operating Fund-Safety-General-General-Supplies - G	Purchase	stainless steel plates	\$ 3,175.50
C H BULL COMPANY	7/27/2018	PMT100223	EFT0000000000005	Operating Fund-Safety-General-General-Maintenance	Purchase	safety supplies	\$ 991.03
C H BULL COMPANY	7/27/2018	PMT100278	EFT0000000000006	Construction - General	Purchase	stairs for RESCU trailers	\$ 4,226.06
C H BULL COMPANY	7/27/2018	PMT100278	EFT0000000000006	Equipment Rental - Industrial	Purchase	5/14-6/10/18 rent - rail	\$ 550.00
C H BULL COMPANY	7/27/2018	PMT100278	EFT0000000000006	Construction - General	Purchase	stairs for RESCU trailers	\$ 845.21
C H BULL COMPANY	7/27/2018	PMT100278	EFT0000000000006	Construction - General	Purchase	stairs for RESCU trailers	\$ 1,126.95
C H BULL COMPANY	7/27/2018	PMT100278	EFT0000000000006	Construction - General	Purchase	stairs for RESCU trailers	\$ 7,888.66
C H BULL COMPANY	7/27/2018	PMT100278	EFT0000000000006	Operating Fund-Safety-General-General-Supplies - G	Purchase	Rail removal svc	\$ 4,855.00
CYCLOTRON INC	7/27/2018	PMT100279	EFT0000000000007	Professional Services	Purchase	sharepoint data migration svc	\$ 2,850.00
MOBILE MODULAR MANAGEMENT CORP	7/31/2018	PMT100280	100266	Construction - General	Purchase	qty15 RESCU trailers purchased	\$ 391,923.14
MOBILE MODULAR MANAGEMENT CORP	7/31/2018	PMT100280	100266	Construction - General	Purchase	qty15 RESCU trailers purchased	\$ 97,980.79
							\$5,264,278.35

THIS IS TO CERTIFY THAT THE CLAIMS LISTED ON PAGES NUMBERED FROM 100050 THROUGH 100266 INCLUSIVE, AND /OR ELECTRONIC FUND TRANSFER ITEMS NUMBERED FROM EFT0000000000003 THROUGH EFT0000000000007 INCLUSIVE, TOTALING IN THE AMOUNT OF \$, HAVE BEEN CHECKED IN DETAIL AND APPROVED BY THE PROPER OFFICIALS, AND IN MY OPINION REPRESENT FAIR AND JUST CHARGES AGAINST THE AUTHORITY IN ACCORDANCE WITH THEIR RESPECTIVE AMOUNTS AS INDICATED THEREON.

RESPECTFULLY SUBMITTED,



08/09/2018

MATT ANDERSON, TREASURER

DATE



Warrant Reg July 2018

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AGENDA ITEM 7C

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REMOVAL OF FIXED ASSETS FROM THE FINANCIAL RECORDS OF SVCW**ISSUE**

Approve Removal of Assets from SVCW Financial Records to Reflect Asset Disposals Occurring in the Current Fiscal Year.

BACKGROUND

Per Section 3.5 of the SVCW Joint Powers Agreement, and per SVCW Policy 1981-02 Revision E, asset and inventory items no longer useful must be removed from SVCW's financial asset records. Further, the disposal of any asset with a value greater than \$25,000 must receive Commission approval.

DISCUSSION

Recent changes in the organization resulted in a vehicle no longer being needed. The following items should therefore be sold and removed from SVCW financial records.

Asset #	Description	Acquired Date	Original Value	Book Value	Reason For Disposal
13191	2017 Ford Super Duty F-350	May 2017	\$74,246.94	\$66,827.33	No longer required after organization changes

Removing these assets from SVCW financial records improves the accuracy of SVCW accounting for financial assets.

RECOMMENDATION

Move approval to REMOVE FIXED ASSET NUMBER 13191 WITH A TOTAL REMAINING BOOK VALUE OF \$66,827.33 FROM SVCW FINANCIAL RECORDS

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AGENDA ITEM 7D

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LOCAL AGENCY INVESTMENT FUND RESOLUTION

ISSUE

Update resolution authorizing Silicon Valley Clean Water to invest monies in the Local Agency Investment Fund (LAIF) and confirm the names and signatures that are maintained in the resolution.

BACKGROUND

As part of the Pooled Money Investment Account, LAIF was created on January 01, 1977 (Government Code Section 16429.1 et seq.) and is operated by the California State Treasurer's office. It offers local agencies like SVCW the opportunity to participate in a major investment portfolio at no additional cost to ratepayers. Approximately 2,400 local agencies participate in the LAIF's pooled investment portfolio of \$22.5 billion. In June 1984 SVCW adopted a resolution to allow investing of available funds in the LAIF.

DISCUSSION

In June 2018, the Commission approved a Resolution to designate the role of Controller-Auditor to Redwood City and shift the role of Treasurer to SVCW. With this complete, an accompanying resolution is needed to approve the authorized names and signatures of those transacting transfers in and out of LAIF.

FINANCIAL IMPACT

There is no financial impact associated with this action.

RECOMMENDATION

Move approval of RESOLUTION AUTHORIZING INVESTMENT OF SILICON VALLEY CLEAN WATER MONIES IN LOCAL AGENCY INVESTMENT FUND, DESIGNATING OFFICERS OF THE AUTHORITY TO INVEST MONIES IN SAID FUND AND RESCINDING RESOLUTION NO. 14-19

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AGENDA ITEM 7E

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**REGIONAL ENVIRONMENTAL SEWER CONVEYANCE UPGRADE PROJECTS
TASK ORDER AUTHORIZATIONS FOR PROJECT CONSULTING SUPPORT****ISSUE**

Approval of David J. Powers and Associates (DJPA) Consulting Task Order Scope and Budget for mitigation monitoring, JHS Consulting Permitting and Environmental Task Order Scope and Budget for environmental and permitting oversight, West Yost Associates Task Order for SRF and WIFIA financing and loan compliance support and Hanson-Bridgett Task Order Scope and Budget for legal services.

BACKGROUND

The RESCU Program uses several specialty consultants for the various aspects of the work. Specifically, SVCW uses consultants for environmental (CEQA and NEPA), permitting, state and federal funding assistance (SRF and WIFIA loans), and legal input for design-build contracting methods. These are all specialty firms and areas of expertise that would be cost prohibitive for SVCW to have as staff. Moving from Stage 1 progressive design-build into Stage 2, there is need to develop new scopes of work and budgets for these specialty firms.

ENVIRONMENTAL PLANNING AND PERMITTING COORDINATION. Throughout the planning and design phases of the RESCU Program, JHS Consulting has provided oversight of the CEQA and environmental permitting consultants, providing a single point of contact for SVCW staff and design consultants to assure compliance with the requirements of CEQA and regulatory agencies. With JHS's leadership, SVCW developed the RESCU projects to have limited environmental impacts, resulting in a strong EIR and positive interactions with permitting agencies. In April 2017, the Commission certified the Environmental Impact Report (EIR) for the RESCU Program and adopted the Mitigation Monitoring Plan (MMP) detailed in the EIR. During the construction phase of the project, oversight is needed to ensure compliance with the EIR and permits, advise on the potential impacts of any proposed changes to the design, and ensure that the MMP is being followed.

EIR MITIGATION MONITORING. David J. Powers and Associates were the authors of the EIR and the Mitigation Monitoring Plan. With field work beginning on the RESCU projects, now it is necessary to implement the MMP. While most of the responsibilities for implementing the MMP are the design-build entities, SVCW is required to verify and document that the mitigations are being completed. To do this, a task order with SVCW's environmental consultant, David J. Powers and Associates, is needed.

FINANCIAL LOAN APPLICATION AND COMPLIANCE. West Yost has expertise in the SRF loan processes and has been assisting SVCW with SRF applications and compliance matters. To date, SVCW has secured approximately \$60 million from three SRF loans. Currently we anticipate receiving an additional \$141 million in SRF loans and are pursuing a \$172 million WIFIA loan. If successful, the lower interest rates and favorable structures of these two loan programs could reduce financing costs by an estimated \$50 million Net Present Value over their amortization periods.

DESIGN-BUILD LEGAL CONTRACTING. In June 2016, the Commission authorized a Master Services Agreement with the law firm of Hanson Bridgett for services related to public works contracting and construction legal services. Hanson Bridgett has specialized in public agency law for over 50 years and possesses particular expertise in alternative project delivery. Mr. David Gehrig is the Infrastructure Group leader and has been serving as SVCW's point of contact. Hanson Bridgett developed SVCW's RESCU design-build contract documents.

As the project teams are developing the Stage 2 cost estimates for the construction phases of the project, staff is readying the resources needed for Stage 2 work. The four firms named above are key resources required to ensure the success of the projects.

DISCUSSION

To support Stage 2 of the Progressive Design-Build delivery method, consultants are needed to ensure compliance with permits, EIR mitigations, loan agreement conditions, and legal requirements. SVCW's consultants are key members of the team and will work in close coordination with staff and the design-builders to help ensure the projects remain successfully implemented.

Staff is seeking authorization for new task orders for DJPA, JHS, West Yost, and Hanson Bridgett. The scopes of work were developed by SVCW's RESCU Program Manager and the respective consultants. All budgets were developed for work covering 24-months.

- The task orders with DJPA and JHS cover work required for the Front of Plant and Gravity Pipeline Projects permit compliance, mitigation monitoring requirements, and overall environmental coordination. The amounts for these task orders are \$245,629 and \$132,480 respectively.
- West Yost's scope of work is for administrative and compliance support for the SRF and WIFIA loan applications. This task order includes both applications for loans and compliance with loans and is a not-to-exceed amount of \$306,800.
- The agreement with Hanson Bridgett is for as-needed legal assistance specific to the RESCU projects: Gravity Pipeline, Front of Plant, and Pump Station Improvements. The budget negotiated based on the anticipated work load is in the amount of \$400,000.

FINANCIAL IMPACT

Funds for these task orders are derived from Fund 20 – CIP Projects, RESCU Program. The following CIP #s with their identified costs are specific to this work effort:

CIP 6008 – Tunnel and Gravity Pipeline	\$220 million
CIP 9501 – Pump Station Improvements	\$71 million
CIP 9502 – Front of Plant	\$130 million

The total not-to-exceed budgets are:

David J Powers and Associates	\$245,629
JHS Consulting	\$132,480
West Yost Associates	\$306,800
Hansen Bridgett	\$400,000

The combined costs of services is \$1,084,909 and represent 0.03% of the total project costs.

RECOMMENDATION

- i. Move approval of TASK ORDER SCOPE AND BUDGET FOR ENVIRONMENTAL CONSULTING SERVICES DURING DESIGN-BUILD IN AN AMOUNT OF \$245,629 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – DAVID J POWERS AND ASSOCIATES
- ii. Move approval of TASK ORDER SCOPE AND BUDGET FOR PERMITTING AND ENVIRONMENTAL CONSULTING SERVICES DURING DESIGN-BUILD IN AN AMOUNT OF \$132,480 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – JHS CONSULTING
- iii. Move approval of TASK ORDER SCOPE AND BUDGET FOR CONSULTING SERVICES IN AN AMOUNT OF \$306,800 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – WEST YOST ASSOCIATES
- iv. Move approval of TASK ORDER SCOPE AND BUDGET FOR LEGAL SERVICES FOR DESIGN-BUILD IN AN AMOUNT OF \$400,000 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – HANSON BRIDGETT

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AGENDA ITEM 7F

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SVCW MANAGER EMPLOYMENT AGREEMENT

ISSUE

Approve Employment Agreement with Teresa A. Herrera as Manager of Silicon Valley Clean Water (SVCW).

BACKGROUND

Pursuant to Section 3.5 of SVCW's Joint Powers Agreement, at its July 12, 2018 meeting the Commission appointed Teresa A. Herrera Manager of SVCW due to the vacancy of the position by former Manager Daniel T. Child. Based on the recommendation of the ad hoc committee that was formed by the Chair consisting of Commissioners Otte and Grassilli to negotiate and recommend a salary and benefits for Ms. Herrera, this Commission approved a monthly salary rate of \$25,000, along with other benefits including paid vacation, severance pay, performance pay, reimbursable expenses and medical, life and retirement benefits.

DISCUSSION

As directed by the Commission at the time of Ms. Herrera's appointment as Manager of SVCW, a written employment agreement has been prepared and reviewed by SVCW General Counsel and agreed to by Ms. Herrera. The agreement contains the negotiated a monthly salary of \$25,000, along with the other negotiated benefits including paid vacation, severance pay, performance pay, reimbursable expenses and medical, life and retirement benefits.

FINACIAL IMPACT

Ms. Herrera will be paid a monthly salary of \$25,000.00 and receive a negotiated benefits' package approved by this Commission.

RECOMMENDATION

Move approval of RESOLUTION APPROVING AND AUTHORIZING EXECUTION OF EMPLOYMENT AGREEMENT - MANAGER OF SILICON VALLEY CLEAN WATER (TERESA A. HERRERA)

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AGENDA ITEM 8A

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**CONTROL BUILDING HVAC IMPROVEMENTS (CAPITAL PROJECT #259)
AWARD OF CONSTRUCTION CONTRACT**

ISSUE

Award Construction Contract for the Control Building HVAC Improvements Project (Capital Project #259)

BACKGROUND

On September 16, 2015, SVCW Information Systems (IS) Division staff became aware of a failure of the Uninterruptable Power Supply (UPS) units that provide backup power to all information network hardware. The Manager declared an emergency condition to essential facilities while staff and consultants worked diligently to remedy the issues.

After intense investigations, many meetings and consultation with specialists in data center configurations, SVCW staff identified a plan for resolving the issues and preventing future failures of the IS system. The plan consisted of the following:

1. Purchase and install a new Nimble Storage Array.
2. Purchase and install two redundant UPS units fed from two independent power supplies.
3. Modify the HVAC system to the Control Building, changing the location of the air intake to a less corrosive area of the plant and adding scrubber capacity.

Item 1 was completed shortly after the emergency was declared.

Item 2 was completed in March 2017 where two new UPS units were installed in the server room within the Control Building.

Item 3 included an interim step to improve air quality in the server room by installing a Purafil® scrubber unit and was completed in April 2017. The emergency condition was removed at the March 2018 Commission meeting at which time, a project to move forward to address the overall Control Building HVAC deficiencies was also authorized.

DISCUSSION

The project to address overall Control Building HVAC deficiencies will relocate the air intake from the main treatment process deck to the control building roof and will change the pressurization of the building to a positive pressure; both will help prohibit the corrosive plant air from entering the building. Additionally, new system sensors and programming will be integrated into the building's automatic temperature control system.

Design for the modifications was completed by CDM Smith and the project was publicly advertised on May 29, 2018. A mandatory pre-bid meeting was held at SVCW on Wednesday, June 13, 2018. Bids were due on Thursday, July 26, 2018 and two bids were received. The bid summary is attached. Rodan Builders submitted the lowest responsible bid in the amount of \$685,694. Rodan Builders have performed work for SVCW on several projects and is an excellent construction company. Staff recommends awarding the construction contract to Rodan Builders.


FINANCIAL IMPACT

Funds for the project come from Capital Project #259 with a budget of \$1,401,102. As of July 2018, \$616,328 had been spent on Items 1 and 2 listed above, the interim step noted for Item 3, and design services for this HVAC upgrade project. The remaining funds are included SVCW Fund 14 – Capital Expenditures Budget, in an amount of \$784,774.

RECOMMENDATION

Move adoption of RESOLUTION APPROVING CONTRACT DOCUMENTS AND ACCEPTING BID OF LOWEST RESPONSIBLE BIDDER FOR THE CONTROL BUILDING HVAC IMPROVEMENTS (CIP #259); REJECTING ALL OTHER BIDS, AUTHORIZING EXECUTION OF AGREEMENT FOR SAID WORK, DIRECTING RETURN OF SECURITY DEPOSITS THEREFORE, AND AUTHORIZING MANAGER TO APPROVE CHANGE ORDERS UP TO TEN PERCENT OF THE CONTRACT PRICE FOR SAID PROJECT – RODAN BUILDERS (\$685,694)

SVCW
Control Building HVAC Improvements_Capital #259
Bidders Checklist
Thursday, July 26, 2018 ; 2:00 pm

										
Name of Bidder	Addendum	Proposal Guaranty Bond	Cert. of Bidders Exp. & Qualifications	Cert. of Subcontractor's Experience & Quale.	Desig. of Subcontractors	Site Visit Affidavit	Ackw. of Insurance Req's.	Noncollusion Affidavit	Affidavit of Safety Compliance	Base Bid Amt.
	#1, 2, 3, 4	Section 00410	Section 00420	Section 00420A	Section 00430	Section 00440	Section 00470	Section 00480	Section 00490-1,2,3, Parts A, B, C, D	
1 Rodan Builders, Inc.	X	X	X	X	X	X	X	X	X	\$685,694
2 Blocka Construction, Inc.	X	X	X	X	X	X	X	X	X	\$795,600
** Pending Commission Approval. Next Commission meeting is scheduled for Thursday, August 23, 2018.										

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AGENDA ITEM 8B

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**PUMP STATION VALVE REPLACEMENT PHASE II (PROJECT #286)
AWARD OF CONSTRUCTION CONTRACT**ISSUE

Award of Construction Contract for the Pump Station Valve Replacement Project Phase II (Capital Project #286)

BACKGROUND

SVCW's Maintenance Division has identified valves in existing pump stations that require replacement in advance of the larger pump station rehabilitation projects that are part of the RESCU program. The RESCU program is scheduled to be complete in 2024 which means the existing pump stations need to remain operational for an additional six years. In 2017, two of four large valves were replaced in the San Carlos Booster Station with the anticipation that the other two large valves would be replaced this year. Additionally, there are several fittings and smaller valves that have been identified to require replacing in the San Carlos Pump Station. The work was identified and included in SVCW's pay-as-you-go capital budget; it is not a part of the CIP.

The San Carlos Pump Station was built in 1982 and contains a Booster Pump Station which was designed to assist with high wet weather flows from West Bay Sanitary District (WBSD) and Redwood City (RWC). During dry weather, flows from WBSD and RWC are pumped through the force main then joined by San Carlos flows at the San Carlos Pump Station. From here, flows continue to the plant (Belmont flows join the force main downstream of the San Carlos Pump Station). During wet weather, the flows from WBSD and RWC are too high to flow all the way to the treatment plant and, therefore, they are "boosted" at the San Carlos Booster Station. To enable flows to be diverted, there are two valves placed in the force main, V3 and V4 (two valves exist for redundancy purposes in case one of the valves fails, there is another valve able to be used). In high flow conditions, either V3 or V4 is closed which diverts flows to the booster station. Closing one of these valves is the only way to get water to the booster station, therefore, these valves are critical to operations.

SVCW Maintenance staff performed a condition assessment of the valves and identified valves V3 and V4 to be in poor condition. Maintenance staff also identified two 18-inch swing check valves and three 18-inch concentric reducers in the San Carlos Pump Station that require replacement. SVCW already owns one swing check valve that matches the old valve and, therefore, only one is required to be purchased.

Additionally, there is a 30-inch valve outside of the Menlo Park Pump Station that is used to return flows from the Flow Equalization Facility (FEF) that needs replacing. Maintenance staff previously purchased the valve and it is stored in the SVCW warehouse. Due to the high level of effort required for the replacement, it was decided to add the FEF valve replacement to this valve replacement project.

DISCUSSION

SVCW's Engineering staff, with assistance from the design firm of Freyer and Laureta, worked with Maintenance staff to identify the project needs and to scope the required work. Since either V3 or V4 are closed to divert flow to the San Carlos Booster Pump Station and the likelihood of both valves failing over the next six years is low, it was decided only one of the valves needed to be replaced. V3 is in better condition than V4 and will remain in place for redundancy. A 48-inch valve that had previously been used in the 48-inch force main replacement project has been stored at the treatment plant site and is available to be used in this configuration. The valve had only been in service for a year and is in excellent condition.

The scope of work for the construction project is to replace valves and pipe connections inside San Carlos Pump Station, install the replacement valve for V4, and replace the FEF return valve near the Menlo Park Pump Station.

Construction plans and specifications were completed by Freyer and Laureta and the project was publicly advertised on July 20, 2018. A mandatory pre-bid meeting was held at the San Carlos Pump Station with an optional site visit to the Menlo Park Pump Station on Wednesday, July 25, 2018. Bids were due on Thursday, August 9, 2018 and one bid was received. The bid summary is attached. D.W. Nicholson is the lowest responsible bid in the amount of \$334,600. The Engineer's estimate of probable cost is \$333,000. D.W. Nicholson is a highly trusted contractor that has performed numerous complex and challenging mechanical projects for SVCW; staff recommends awarding the construction contract to D.W. Nicholson.

FINANCIAL IMPACT

Funds for the project derive from SVCW Fund 14 – Capital Expenditures Budget, which has an allocated budget of \$610,000 for replacement of V3/V4 valves, San Carlos Pump Station valves, and FEF valve replacement. The actuator for the V4 valve and specialty sized concentric reducers were procured by SVCW for a total of \$32,906. As of July 2018, a total of \$65,883 has been expended on design, administrative tasks and procurement.


RECOMMENDATION

Move adoption of RESOLUTION APPROVING CONTRACT DOCUMENTS AND ACCEPTING BID OF LOWEST RESPONSIBLE BIDDER FOR THE PUMP STATION VALVE REPLACEMENT PHASE II PROJECT (CIP #286); REJECTING ALL OTHER BIDS, AUTHORIZING EXECUTION OF AGREEMENT FOR SAID WORK, DIRECTING RETURN OF SECURITY DEPOSITS THEREFORE, AND AUTHORIZING MANAGER TO APPROVE CHANGE ORDERS UP TO TEN PERCENT OF THE CONTRACT PRICE FOR SAID PROJECT – D.W. Nicholson (\$334,600)

Pump Station Valve Replacement Phase II - Capital Proj. #286

Bid Opening

August 9, 2018; 2:00 PM

									
Name of Bidder	Addendum	Proposal Guaranty Bond	Cert. of Bidders Exp. & Qualifications	Design of Subcontractors	Site Visit Affidavit	Ackw. of Insurance Req's.	Noncollusion Affidavit	Affidavit of Safety Compliance	Total Bid Amt.
	#1 & 2	Section 00410	Section 00420	Section 00430	Section 00440	Section 00470	Section 00480	Section 00490	
1 D.W. Nicholson	XX	X	X	X	X	X	X	X	\$ 4,600
2									
4									
Pending Commission approval. Next Commission meeting is scheduled for Thursday, August 2, 2018.									

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AGENDA ITEM 8C

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**GRAVITY PIPELINE PROJECT (CIP #6008)
DESIGN BUILD AGREEMENT - STAGE 2A AMENDMENT,
CHANGE RATIFICATION AND PROJECT MANAGEMENT SERVICES**

ISSUE

Approve Stage 2A Amendment to the Gravity Pipeline Design-Build Agreement with Barnard Bessac Joint Venture (BBJV), Ratify Amendments 7, 8, and 9 as approved by the Manager, Approve MPF Consulting Master Services Agreement and Task Order for Project Management Services

BACKGROUND

SVCW's Regional Environmental Sewer Conveyance Upgrade (RESCU) Program includes conveyance system improvements to transport wastewater from member agencies' collection systems to the SVCW wastewater treatment plant. A major component of the conveyance system is the Gravity Pipeline Project (GP Project) to be constructed by tunneling from the north edge of Inner Bair Island to the new Front of Plant facilities at the treatment plant.

In October 2017, the Commission approved the Barnard and Bessac Joint Venture (BBJV) Design-Build Agreement including provisions for both Stage 1 and Stage 2 activities. Stage 1 activities include design services to bring conceptual designs from the 10% level to approximately the 60% design level at which point, Stage 2 activities (design completion and construction) could be defined and budgeted. The October 2017 action by the Commission approved the scope of work and budget for Stage 1, with the anticipation that Stage 2 would be authorized at a later date when the design was completed sufficiently to scope and budget Stage 2 activities. The Design-Build Agreement allows for authorization of Stage 2 activities in "packages" rather than waiting for the entire project to reach 60% design.

Multiple Stage 2 amendments significantly benefit the progressive design-build process in that it allows the procurement of equipment with long lead times and for portions of the design and construction to progress faster than other portions. For example, the site work at the tunneling launch shaft can begin while the design of the launch shaft continues. This is beneficial because construction of the launch shaft can begin as soon as the shaft has reached final design. The shaft needs to be ready to receive the tunnel boring machine (TBM) so that tunnel excavation can begin. This approach will result in the existing 54-inch force main and pump stations being taken out of service sooner. It also reduces overhead, project management staffing and the effects of inflation and market volatility, which is significant in this local high-growth economy.

It is anticipated that Stage 2 work will be split into the following packages:

Stage 2A – TBM Procurement; Launch Shaft Site Preparation; Crane Purchase
Stage 2B – Balance of Stage 2 Gravity Pipeline Construction

In accordance with Commission authorization the SVCW Manager has approved extra work to keep the Progressive Design Build Gravity Pipeline moving ahead without costly delays. Manager authorizations require Commission ratification at the next available Commission meeting.

With regards to project team staffing, SVCW Engineering Division staff are extremely busy with managing numerous projects. There have been two engineering positions open for over a year and the marketplace for engineers is tight to the point that it has not been possible to fill the vacancies. With the Gravity Pipeline Project entering the final design and construction phase, there is a need for high-level project management from a professional with experience in pipeline and tunnel projects.

DISCUSSION

Stage 2A Amendment. The scope of work to be authorized by Stage 2A Amendment consists of three items: 1) TBM procurement, 2) Tunnel Launch Shaft sitework and mobilization, 3) purchase of a crane to be used in shaft construction and tunneling operations. Stage 2A Amendment will shorten the Project schedule by approximately three months compared to waiting until the entire Stage 2 package is ready to approve. A description of each item follows.

The TBM is being purchased from the German manufacturer Herrenknecht Tunneling Systems. BBJV and SVCW evaluated three TBM vendors and concluded that Herrenknecht was not only the most capable and experienced but also provided the best value of the three. Herrenknecht prefers to be paid in euros and provides a 1% discount to encourage this. SVCW's CFO has been working with our financial advisors to ensure that this is possible as well as financially advantageous for SVCW. Conclusions of the investigations are that, not only is it possible and widely practiced, it is anticipated to save over \$1 million given the avoidance of paying the contractor's overhead and profit costs on the discount and locking in an attractive exchange rate. The dollar/euro exchange rate will be fixed at the time of the purchase to avoid market fluctuations.

Lead time on procurement of the TBM is 11.5 months. Ordering the tunnel boring machine now instead of waiting to place the order until the complete Stage 2 package is approved will save three months on the schedule as well as provide the savings noted above. The TBM is manufactured, then inspected, in Germany, after which it is disassembled for shipping then re-assembled at the project site in the tunnel launch shaft.

All project work is being coordinated to have the launch shaft ready when the TBM arrives at the project site (scheduled for July 2019). Stage 2A Amendment includes the shaft site work which is needed prior to initiating shaft construction. While site work is occurring, the shaft design will progress so that the entire site, including shaft, is ready by July 2019.

The crane is being purchased under Stage 2A for the same reason as it is needed for the construction of the launch shaft as well as for the tunneling operations. The decision to purchase rather than rent a crane was based on cost savings; the cost to rent a crane for

the necessary duration of 3 years is more than the cost to purchase a new crane. At the end of the project, there will be a residual value to the crane on the resale market.

Prior to bringing the Stage 2A Amendment recommendation to the Commission for approval, SVCW's project team conducted rigorous design submittal reviews and completed two independent cost estimates and found BBJV's proposed costs to be reasonable and competitive. SVCW management has met with BBJV management to negotiate final terms of the Stage 2A Amendment.

In the event that the parties do not come to agreement on the final Stage 2 Amendment (Stage 2B), SVCW would own the equipment and materials purchased and work completed. In the case of Stage 2A Amendment that would be the TBM, crane, and site work at the tunneling launch shaft.

The total authorization requested for the Stage 2A Amendment described above is \$23,473,683 and consists of the following elements:

TBM Procurement	\$18,214,548
Launch Shaft Site Preparation	\$1,684,662
Crane Purchase	\$3,574,473

RATIFY MANAGER CHANGE APPROVALS. In accordance with Commission authorization, the Manager has approved three amendments to keep the Progressive Design Build Gravity Pipeline moving ahead without costly delays. These amendments are as follows:

- Amendment 7: Segmental Lining Design from 60% to 100% to allow the long lead time segments needed for initiating tunnel excavation to be available in the summer of 2019 when tunneling begins (\$137,358)
- Amendment 8: Construction Permits needed to start site preparation at the launch shaft site in Fall 2018 (\$280,926.46).
- Amendment 9: Tunnel Boring Machine initial design to ensure an 11.5-month delivery time (\$293,500)

PROJECT MANAGEMENT SERVICES. Since 2013, Mr. Bruce Burnworth has been providing project management services to the Gravity Pipeline project. He has over 40 years of experience successfully managing large public works projects with a focus on linear projects (pipelines and tunnels). Mr. Burnworth has been managing the GP project as an employee of SVCW and has now made the career choice to form a consulting firm, MPF Consulting. His services are still required and retaining his services through MPF Consulting will allow SVCW to make use of his project knowledge and continuity while providing the flexibility to increase or decrease the level of effort depending on SVCW needs. It is anticipated that the overall long-term cost to SVCW for Mr. Burnworth's services for the anticipated 5-year period will be lower as a consultant versus as an employee. A task order scope of work and budget has been negotiated with MPF Consulting at a not-to-exceed fee of \$1,437,300.

FINANCIAL IMPACT

The scope represented by this work will be funded from the Gravity Pipeline CIP project CIP #6008.

The Gravity Pipeline CIP project has an available budget of \$222 million. As of June 2018, approximately \$6 million has been expended. The total not-to-exceed amount for this agenda item is \$ 25.6 million, or 11.5% of the available project budget.

RECOMMENDATION

- i. Move adoption of RESOLUTION APPROVING STAGE 2A AMENDMENT TO THE GRAVITY PIPELINE DESIGN-BUILD AGREEMENT (CIP #6008); AND AUTHORIZING EXECUTION OF AGREEMENT AND AUTHORIZING MANAGER TO APPROVE CONTRACT CHANGE ORDERS UP TO TEN PERCENT OF THE CONTRACT PRICE FOR SAID PROJECT – BARNARD BESSAC JOINT VENTURE (\$23,473,683)
- ii. Move approval to RATIFY MANAGER APPROVAL OF AMENDMENTS 7, 8, AND 9 TO THE GRAVITY PIPELINE DESIGN-BUILD AGREEMENT FOR PROJECT CHANGE ORDERS (\$711,785)
- iii. Move adoption of RESOLUTION APPROVING MASTER SERVICES AGREEMENT AND TASK ORDER SCOPE AND BUDGET FOR PROJECT MANAGEMENT SERVICES IN AN AMOUNT OF \$1,437,300 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – MPF CONSULTING

AGENDA ITEM 8D

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**FRONT OF PLANT PROJECT (CIP #9502)
DESIGN BUILD AGREEMENT - STAGE 2C AMENDMENT**

ISSUE

Approve Amendment 2C to the Front of Plant (FoP) Design-Build Agreement for J F Shea/Parsons Joint Venture (SPJV).

BACKGROUND

SVCW's Regional Environmental Sewer Conveyance Upgrade (RESCU) Program includes conveyance system improvements to transport wastewater from member agencies' collection systems to the SVCW wastewater treatment plant. The Front of Plant (FoP) project is a major part of the RESCU program and includes: 1) Receiving Lift Station (RLS) to lift the wastewater from the gravity pipeline to the surface to be 2) screened and de-gritted by the new Headworks before flowing to the plant in 3) the new Influent Pipeline. The FoP project is composed of the RLS, Headworks, Influent Pipe, in addition to site civil improvements, electrical, chemical storage, and odor control projects.

Thus far, the Commission has approved two Stage 2 amendments:

Stage 2A Amendment – Reinforced Concrete Pile fabrication and installation.

Stage 2B Amendment – Support of Excavation mobilization and site preparation, hydraulic modeling, and design optimization of two shafts.

Amendment 2B included evaluation of a value-engineered design optimization alternative that resulted in confirmation that the alternative would work. The alternative was to move the RLS shaft and the TBM removal shafts together, thus removing a flow straightening adit between the shafts and deleting a 50-foot piping run between the two shafts. By moving the two shafts closer together and allowing for a single structure construction, a savings of \$5.5 million is realized. This Stage 2C Amendment authorizes the SPJV to construct the two conjoined shafts.

Amendment 2D is forthcoming and will authorize the remainder of the FoP project work.

DISCUSSION

Stage 2C Amendment allows shaft construction to begin; work includes installing groundwater dewatering wells, inclinometers (ground movement sensors) and piezometers (pressure sensors). Work also includes construction of slurry wall panels and load bearing elements (barrettes), both of which make up the shaft walls, excavation of both shafts and placement of large concrete slabs at the bottom of the shaft excavations. This amendment encompasses construction of the conjoined TBM retrieval and RLS shaft which have inside diameters of 36-feet and 66-feet respectively. The concrete wall thickness of the shafts is approximately 4 feet (3'11") and the depth of both shafts is approximately 100 feet.

This Stage 2C Amendment is recommended after comparison of independent cost estimates and comprehensive engineering feasibility reviews. SVCW management has held detailed negotiations and discussions with SPJV and is confident of the cost,

schedule and risk reductions of this alternative. Specific risk reductions that SVCW will benefit from include a reduced project construction and scheduling risk by allowing shaft slurry walls to be constructed and stabilized before adjacent headworks' excavations begin in the Stage 2D Amendment work. This minimizes construction congestion in the area and also locks in cost and schedule of highly specialized subcontractors who are in high demand in the Bay Area.

Stage 2C Amendment for Shaft Construction includes the following components:

- Construct shafts by slurry wall panels and barrettes that make each shaft
- Construct reinforced concrete ring beam at tops of RLS and retrieval shafts
- Perform pumping tests within both shafts to confirm the slurry walls have achieved effective groundwater cutoff
- Excavate RLS shaft in the dry
- Clean exposed face of RLS slurry wall during or following excavation
- Chip and clean tops of barrettes and prepare/roughen RLS slurry wall blackout
- Place gravel working surface at subgrade of RLS shaft
- Construct RLS base slab
- Excavate retrieval shaft in the dry
- Clean exposed face of retrieval shaft slurry wall during or following excavation
- Prepare/roughen retrieval shaft slurry wall blackout at base slab
- Place gravel working surface at subgrade of retrieval shaft
- Construct retrieval shaft base slab
- Install inclinometers, dewatering wells and piezometers.

The total authorization requested for Amendment 2C Shaft Construction described above is \$16.745 million.

As noted above, the last amendment (Stage 2D) is forthcoming and will entail the remainder of work necessary to complete the entire Front of Plant Project. Staff anticipates the Stage 2D Amendment to be presented to the Commission for authorization in December 2018.

SVCW retains the ability to take an off-ramp to the contract and all work authorized and completed to the date of an off-ramp will be the sole property of SVCW. It is not anticipated that an off-ramp will be needed, as the relationship between the SVCW team and SPJV is outstanding and a high level of trust and cooperation has been established.

FINANCIAL IMPACT

The scope represented by this work will be funded from the following Front of Plant CIP projects.

- CIP #6013 Receiving Lift Station and FoP Site Civil
- CIP #6014 Influent Pipeline
- CIP #9160 WWTP Headworks
- CIP #9278 FoP Site Civil

The four CIP projects below have been replaced by a combined CIP project #9502 for ease of tracking. CIP #9502 FoP project has an allocated budget of \$130 million. To date, approximately \$7 million dollars have been expended and approximately \$12 million has been encumbered. Amendments 2A and 2B were authorized in the amounts of \$2,193,575 and \$1,299,447 respectively. With approval of Amendment 2C, the authorized Stage 2 amount for the Front of Plant project is \$20,238,022, or approximately 16% of the overall available budget.

RECOMMENDATION

Move adoption of RESOLUTION APPROVING AMENDMENT 2C DESIGN BUILD AGREEMENT DOCUMENTS FOR FRONT OF PLANT PROJECT (CIP #9502); AND AUTHORIZING EXECUTION OF AGREEMENT AND AUTHORIZING MANAGER TO APPROVE CONTRACT CHANGE ORDERS UP TO TEN PERCENT OF THE CONTRACT PRICE FOR SAID STAGE 2C AMENDMENT – SHEA/PARSONS JOINT VENTURE (\$16,745,000)