

**COMMISSION OF SILICON VALLEY CLEAN WATER
JOINT POWERS AUTHORITY
REGULAR MEETING – Thursday, December 14, 2017
8:00 a.m.**

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

COMMISSIONERS

MAYOR 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: DANIEL T. CHILD

ATTORNEY FOR THE AUTHORITY: CHRISTINE C. FITZGERALD

CONTROLLER/TREASURER: 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
- D. Engineering Projects Status Update
- E. Commission Requested Staff-Level Action Items

October 31, 2017

November 2017

6. MATTERS OF COMMISSION MEMBER'S INTEREST

7. CONSIDERATION OF MOTION APPROVING CONSENT CALENDAR

8. BUSINESS ITEMS

- A. CONSIDERATION OF RESOLUTION APPROVING AND ADOPTING REVISION C TO ADMINISTRATIVE POLICY 2016-01

Proposed Action: Move adoption of RESOLUTION APPROVING AND ADOPTING REVISION C TO ADMINISTRATIVE POLICY 2016-01, ESTABLISHING A PROCEDURE IMPLEMENTING THE DESIGN-BUILD PROCESS FOR DELIVERY OF CONSTRUCTION PROJECTS AND ESTABLISHING A CONSTRUCTION CHANGE ORDER AUTHORIZATION OF UP TO \$300,000 FOR THE MANAGER TO ADDRESS IMMEDIATE NEEDS

- B. CONSIDERATION OF MOTION AND RESOLUTION APPROVING UPDATE TO SOLE SOURCE SPECIFIC EQUIPMENT AT SVCW FACILITIES

Proposed Actions:

- i. Move approval TO SUSPEND COMPETITIVE BIDDING REQUIREMENTS BASED ON PUBLIC CONTRACTS CODE (PCC) SECTION 3400 WHICH AUTHORIZES THE SILICON VALLEY CLEAN WATER TO PROCURE SPECIFIC EQUIPMENT OR VENDORS WITHOUT SPECIFYING "OR EQUAL" VENDORS AND EQUIPMENT (SOLE SOURCE) (5/7th weighted vote required)
- ii. Move adoption of RESOLUTION ALLOWING FOR THE SOLE SOURCE SPECIFICATION AND PROCUREMENT OF STANDARDIZED 12KV SWITHGEAR EQUIPMENT - Schweitzer Engineering Laboratories

9. CLOSED SESSION – NOT USED

10. 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 – November 9, 2017 Regular Meeting
- B. APPROVAL OF MINUTES – November 9, 2017 Special Meeting
- C. CONSIDERATION OF MOTION APPROVING CLAIMS AND CHECKS DATED OCTOBER 21, 2017 AND NECESSARY PAYMENTS THROUGH DECEMBER 1, 2017
- D. CONSIDERATION OF RESOLUTIONS ESTABLISHING CLASSIFICATIONS, RATES OF PAY AND RELATED COMPENSATION FOR MANAGEMENT, PROFESSIONAL AND GENERAL CONFIDENTIAL EMPLOYEES, APPROVE UPDATED CONSOLIDATED PAY SCHEDULE AND REAPPOINTMENT OF SECRETARY PRO-TEM

Proposed Actions:

- i. Move adoption of RESOLUTION ESTABLISHING RATES OF PAY AND RELATED COMPENSATION FOR MANAGEMENT EMPLOYEES OF SILICON VALLEY CLEAN WATER AND RESCINDING AND RESTATING CERTAIN PROVISIONS OF RESOLUTION NO. SVCW 17-34 AND RESCINDING ANY AND ALL OTHER RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH
- ii. Move adoption of RESOLUTION ESTABLISHING RATES OF PAY FOR PROFESSIONAL EMPLOYEES OF SILICON VALLEY CLEAN WATER AND RESCINDING AND RESTATING CERTAIN PROVISIONS OF RESOLUTION NO. SVCW 17-37 AND RESCINDING ANY AND ALL OTHER RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH
- iii. Move adoption of RESOLUTION ESTABLISHING RATES OF PAY AND RELATED COMPENSATION FOR CONFIDENTIAL GENERAL EMPLOYEES OF SILICON VALLEY CLEAN WATER AND RESCINDING AND RESTATING CERTAIN PROVISIONS OF RESOLUTION NO. SVCW 17-51 AND RESCINDING ANY AND ALL OTHER RESOLUTIONS OR PROVISIONS THEREOF IN CONFLICT HEREWITH
- iv. Move adoption of RESOLUTION AMENDING SECTION 6 OF RESOLUTION NO. SVCW 77-6, THE SVCW PERSONNEL RESOLUTION, RELATING TO CLASSIFICATION

OF POSITIONS AND RESCINDING PARAGRAPH 1 OF RESOLUTION NO. SVCW 17-52 AND ANY AND ALL OTHER RESOLUTIONS OR PROVISIONS THEREOF IN CONFLICT HERewith

- v. Move adoption of RESOLUTION PROVIDING MANAGEMENT BENEFITS TO CURRENT SENIOR CIP MANAGER AND CURRENT CIP MANAGER UPON RE-CLASSIFICATION OF SAID POSITIONS
 - vi. Move adoption of RESOLUTION APPROVING UPDATED CONSOLIDATED PAY SCHEDULE FOR ALL REPRESENTED AND UNREPRESENTED EMPLOYEES OF SILICON VALLEY CLEAN WATER FOR FISCAL YEAR 2017-2018 AND RESCINDING RESOLUTION SVCW NO. 17-53
 - vii. Move adoption of RESOLUTION APPROVING AND RATIFYING APPOINTMENT OF ILANA SCHMIDT AS SECRETARY PRO-TEM OF SILICON VALLEY CLEAN WATER AND RESCINDING RESOLUTION NO. SVCW 15-20
- E. CONSIDERATION OF MOTION ACCEPTING AND RECEIVING SILICON VALLEY CLEAN WATER'S ANNUAL AUDITED FINANCIAL REPORT

Proposed Action: Move approval of ACCEPTANCE AND RECEIPT OF BASIC FINANCIAL STATEMENTS AND INDEPENDENT AUDITORS' REPORT FOR YEAR ENDED JUNE 30, 2017

- F. CONSIDERATION OF RESOLUTION UPDATING SILICON VALLEY CLEAN WATER'S CHANGE ORDER POLICY FOR CONSTRUCTION CONTRACTS

Proposed Action: Move adoption of RESOLUTION UPDATING POLICY FOR APPROVAL OF CONSTRUCTION CONTRACT CHANGE ORDERS AND RESCINDING RESOLUTION NO. SBSA 78-11

2017 HOLIDAY CAMPAIGN
This Holiday Season, You Better Watch Out!
Drive Sober or Get Pulled Over

The holidays are a festive time for Americans, and endless parties with friends, families, and co-workers can easily lead to drinking too much alcohol. Drinking and driving accounts for one-third of vehicle-related fatalities in the United States. Keep your holidays merry and bright by remembering to always drive sober, no matter what. Review these facts and sober-driving tips to see you through the New Year.

- This holiday season, the U.S. Department of Transportation's National Highway Traffic Safety Administration (NHTSA) is sponsoring the national *Drive Sober or Get Pulled Over* enforcement campaign to help keep impaired drivers off the road. The campaign runs December 13-31, 2017.
- This holiday season, law enforcement will increase patrols looking for drunk drivers. If they catch you drinking and driving, you will be pulled over and arrested. Don't put yourself, your passengers, and others at risk this holiday season by drinking and driving. Remember: *Drive Sober or Get Pulled Over*.
- According to NHTSA, 37,461 people were killed in motor vehicle traffic crashes in 2016, and 28 percent (10,497) of those fatalities were in crashes during which a driver had a blood alcohol concentration (BAC) over the legal limit of .08.
- That same year, 781 people lost their lives in drunk-driving-related crashes in the month of December alone.
- From 2012-2016, 28 percent (3,995) of all people who lost their lives in traffic crashes during the month of December died in crashes that involved a driver with a BAC of .08 or higher.

Drive Sober or Get Pulled Over

- In every State and the District of Columbia, drunk driving is illegal, and the consequences can prove deadly to you and those around you. If you drive while impaired, you could be arrested or involved in a car crash, potentially injuring or killing you, your passenger, or another road user. Do you want these devastating consequences resting on your shoulders? Driving drunk is never worth the risk.
- In many jurisdictions, refusing to take a breathalyzer test has tough consequences, including the immediate loss of your driver's license and the impoundment of your vehicle. If you think you might not pass a breathalyzer test, you shouldn't be behind the wheel.
- The legal and financial costs of a DUI can be significant. If you are arrested for a DUI, you could face jail time, losing your license, and expenses including higher insurance rates, attorney fees, court costs, car towing and repairs, and lost wages due to time off from work. There's also the embarrassment and consequences of telling your family, friends and employers of your arrest.



Financial Impacts

- On average, a DUI can set you back \$10,000 in attorney fees, fines, court costs, lost time at work, higher insurance rates, car towing and repairs, and more.
- The financial impact from impaired driving crashes can be devastating. Based on 2010 numbers (the most recent year for which cost data is available), impaired-driving crashes cost the United States \$44 billion annually.

Celebrate with a Plan

- Remember that it is never okay to drive drunk. Even if you've had only one alcoholic beverage, designate a sober driver or plan to use public transportation to get home safely.
- Download NHTSA's SaferRide mobile app, available on Google Play for Android devices:
(<https://play.google.com/store/apps/details?id=com.nhtsa.SaferRide&hl=en>), and Apple's iTunes Store for iOS devices:
(<https://itunes.apple.com/us/app/saferride/id950774008?mt=8>).
SaferRide allows users to call a taxi or a predetermined friend, and identifies the user's location so he or she can be picked up.
- Use your community's sober ride program
- If you see a drunk driver on the road, dial 911 immediately.
- See someone who is about to drink and drive? Take the keys away and make arrangements to get your friend home safely.

For more information about the *Drive Sober or Get Pulled Over* campaign, visit www.TrafficSafetyMarketing.gov.



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SILICON VALLEY CLEAN WATER
INVESTMENT LISTING
October 31, 2017

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 CTF	N.A.	03/01/2018	5.000%	1.80	16,159	16,193	16,740	291
FEDERAL HOME LN MTG CORP PARTN GOLD	N.A.	02/01/2020	5.000%	2.11	43,685	44,771	46,088	945
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/13/2019	2.375%	1.70	60,000	60,892	61,842	1,036
FEDERAL HOME LOAN BKS CONS BDS	AA+	02/18/2021	1.375%	1.81	30,000	29,582	30,366	534
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/08/2017	3.125%	1.12	85,000	85,177	85,940	956
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/17/2018	1.950%	1.51	100,000	100,405	100,962	1,515
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	04/09/2018	1.283%	1.06	50,000	50,048	49,959	532
FEDERAL HOME LOAN BKS CONS BDS	AA+	03/09/2018	4.625%	1.38	125,000	126,543	127,245	1,751
FEDERAL HOME LOAN BKS CONS BDS	AA+	07/01/2019	4.375%	1.64	50,000	52,255	52,543	855
FEDERAL HOME LOAN BKS CONS BDS	AA+	09/13/2019	4.500%	1.67	100,000	105,034	106,584	1,757
FEDERAL NATL MTG ASSN	AA+	06/22/2020	1.500%	1.72	30,000	29,854	30,378	513
FEDERAL NATL MTG ASSN	AA+	11/30/2020	1.500%	1.78	100,000	99,213	99,882	1,768
FEDERAL NATL MTG ASSN	AA+	02/26/2021	1.375%	1.83	100,000	98,526	99,621	1,802
FEDERAL NATL MTG ASSN	AA+	11/27/2018	1.625%	1.50	60,000	60,069	60,686	900
FEDERAL NATL MTG ASSN GTD REMIC	NR	09/25/2019	2.171%	1.98	139,916	140,464	141,752	2,784
FEDERAL NATL MTG ASSN	AA+	09/25/2020	1.750%	1.91	100,000	99,964	100,707	1,909
FEDERAL HOME LN MTG CORP MULTICLASS	NR	11/25/2019	1.869%	1.88	128,282	128,132	128,101	2,406
FEDERAL HOME LN MTG CORP	AA+	05/30/2019	1.750%	1.57	30,000	30,077	30,506	472
FEDERAL HOME LN MTG CORP	AA+	10/02/2019	1.250%	1.64	30,000	29,780	30,155	489
FEDERAL HOME LN MTG CORP MULTICLASS	N.A.	04/15/2020	4.000%	1.93	23,552	23,855	24,259	461
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	12/01/2019	5.500%	2.01	32,349	33,071	34,209	665
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	03/01/2020	5.500%	1.90	7,202	7,226	7,463	137
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	04/01/2020	5.000%	2.15	22,027	22,547	23,252	485
GNMA II PASSTHRU CTF POOL #003421	N.A.	08/20/2018	4.500%	2.31	6,273	6,234	6,572	144
GENERAL ELEC CAP CORP MTN	A+	08/07/2018	1.582%	1.49	75,000	75,095	74,771	1,120
IOWA FIN AUTH REV ST REVOLVING FD	AAA	08/01/2018	3.280%	1.53	50,000	50,665	50,857	776
NORTH ST PAUL MAPLEWOOD MINN I GO	AA	02/01/2018	5.000%	1.81	50,000	50,431	50,798	910
SMALL BUSINESS ADMIN GTD LN POOL	N.A.	02/25/2019	4.075%	2.85	26,753	26,990	27,761	770
U S BANCORP MTNS BK ENT FR	AA-	11/15/2018	1.950%	1.67	50,000	50,120	50,076	834
UNIVERSITY CALIF REVS FOR PREV GEN	AA	07/01/2019	1.796%	1.90	50,000	49,967	49,712	950
WELLS FARGO & CO NEW SR GLBL NT	A	12/11/2017	5.625%	1.52	50,000	50,218	50,997	761
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	10/26/2018	1.010%	1.64	80,000	79,554	80,000	1,305
MONTGOMERY CNTY MD CTFS PARTN COPS	N.A.	11/01/2019	1.200%	1.97	100,000	98,549	100,049	1,943
RICHMOND VA GO PUB IMPT BDS C	AA	07/15/2021	2.599%	2.10	100,000	101,505	104,648	2,135
PORT MORROW ORE TRANSMISSION F REV	AA	09/01/2021	2.737%	2.23	100,000	102,065	104,309	2,277
WACO TEX INDPT SCH DIST REF BDS	N.A.	02/15/2020	4.000%	1.99	110,000	115,412	117,215	2,297
FEDERAL HOME LN MTG CORP	AA+	12/30/2019	1.500%	1.68	80,000	79,544	80,000	1,335
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	07/19/2021	2.030%	2.11	60,000	59,472	60,000	1,257
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	01/24/2022	2.050%	2.21	40,000	39,700	40,000	879
FEDERAL HOME LN MTG CORP MEDIUM	AA+	07/27/2020	1.625%	1.84	80,000	79,596	80,000	1,466
FEDERAL HOME LN MTG CORP	AA+	05/15/2020	1.600%	1.82	150,000	149,154	150,000	2,710
FEDERAL HOME LN MTG CORP	AA+	05/01/2020	1.375%	1.71	70,000	69,458	69,590	1,190
FEDERAL NATL MTG ASSN	AA+	10/07/2021	1.375%	1.91	70,000	68,646	69,079	1,312
FEDERAL HOME LN MTG CORP	AA+	01/13/2022	2.375%	1.99	35,000	35,502	36,075	706
FEDERAL HOME LOAN BKS CONS BDS	AA+	07/29/2020	1.830%	1.80	140,000	140,238	141,135	2,519
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/12/2020	1.750%	1.75	140,000	140,045	140,918	2,454
FEDERAL NATL MTG ASSN	AA+	05/06/2021	1.250%	1.83	90,000	88,313	88,879	1,613
FEDERAL NATL MTG ASSN	AA+	08/17/2021	1.250%	1.88	90,000	87,882	88,602	1,651
FEDERAL NATL MTG ASSN	AA+	09/28/2020	1.750%	1.79	30,000	29,924	30,000	535
CASH & EQUIVALENTS	-	-	-	0.96	-	103,819	103,819	997
Annual OPS and CAP Budget Reserve Total						\$ 3,501,774	\$ 3,535,101	\$ 61,809

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Broker/Dealer Investment Name	Composite Credit	Maturity	Coupon Rate	Yield to Maturity	Par Value	Market Value	Cost	Estimated Annual \$ Yield Earnings
Capital Improvement Program Reserve								
APPLE INC SR FLT NT	AA+	02/07/2020	1.561%	1.46	100,000	100,396	99,821	1,462
BERGEN CNTY N J TAXABLE GO BDS 2008	N.A.	11/01/2019	6.000%	1.76	100,000	104,325	106,498	1,833
BERKSHIRE HATHAWAY FIN CORP GTD SR	AA	05/15/2018	5.400%	1.54	100,000	102,077	103,892	1,571
CALIFORNIA ST GO BDS TAXABLE	AA-	10/01/2019	6.200%	1.84	100,000	108,254	108,091	1,990
CHEVRON CORPORATION SR NT	AA-	03/03/2019	4.950%	1.73	100,000	104,214	104,407	1,802
CISCO SYS INC SR GLBL NT	A+	01/15/2020	4.450%	1.85	125,000	131,896	132,768	2,444
COLGATE PALMOLIVE CO MTNS FR	AA-	11/01/2018	1.500%	1.55	100,000	100,000	100,242	1,554
EXXON MOBIL CORP SR FLT NT	AA+	03/15/2019	1.470%	1.41	100,000	100,156	99,935	1,416
FEDERAL HOME LN MTG CORP PARTN CTF	N.A.	03/01/2018	5.000%	1.80	5,433	5,444	5,628	98
FEDERAL HOME LN MTG CORP PARTN GOLD	N.A.	02/01/2019	5.000%	2.22	30,937	31,506	32,619	699
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/13/2019	2.375%	1.70	340,000	345,056	345,416	5,869
FEDERAL HOME LOAN BKS CONS BDS	AA+	02/18/2021	1.375%	1.81	100,000	98,606	101,220	1,780
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	12/01/2017	2.500%	0.93	500,000	500,580	503,890	4,645
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	01/05/2018	4.500%	1.07	500,000	503,430	508,785	5,397
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/22/2018	5.050%	1.52	20,000	20,496	20,717	312
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	04/06/2020	5.300%	1.86	450,000	488,682	489,834	9,094
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/03/2019	5.320%	1.73	50,000	53,311	53,685	921
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	02/27/2018	4.670%	1.19	450,000	455,090	458,177	5,420
FEDERAL HOME LOAN BKS CONS BDS	AA+	09/11/2020	2.875%	1.80	60,000	61,812	62,506	1,111
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/08/2017	2.625%	1.14	500,000	500,785	504,220	5,724
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/08/2017	3.125%	1.12	25,000	25,052	25,277	281
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/24/2019	1.520%	1.66	250,000	249,578	250,000	4,150
FEDERAL HOME LOAN BKS CONS BDS	AA+	08/15/2019	5.125%	1.69	60,000	63,688	64,257	1,074
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/12/2020	4.625%	1.80	200,000	214,646	216,520	3,857
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/14/2018	3.750%	1.58	250,000	256,075	259,088	4,046
FEDERAL HOME LOAN BKS CONS BDS	AA+	07/01/2019	4.375%	1.64	25,000	26,127	26,272	428
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/13/2019	4.125%	1.69	125,000	131,345	134,414	2,220
FEDERAL HOME LOAN BKS CONS BDS	AA+	03/13/2020	4.125%	1.73	700,000	739,284	742,418	12,767
FEDERAL NATL MTG ASSN	AA+	01/21/2020	1.625%	1.68	100,000	99,978	101,676	1,682
FEDERAL NATL MTG ASSN	AA+	06/22/2020	1.500%	1.72	50,000	49,757	50,630	855
FEDERAL NATL MTG ASSN	AA+	11/30/2020	1.500%	1.78	170,000	168,662	169,783	3,006
FEDERAL NATL MTG ASSN	AA+	12/28/2020	1.875%	1.80	325,000	325,949	332,137	5,867
FEDERAL NATL MTG ASSN	AA+	02/26/2021	1.375%	1.83	240,000	236,462	239,619	4,325
FEDERAL NATL MTG ASSN	AA+	11/27/2018	1.625%	1.50	150,000	150,173	151,715	2,251
FEDERAL HOME LN MTG CORP MULTICLASS	NR	06/25/2020	3.531%	2.06	100,000	103,339	106,188	2,133
FEDERAL HOME LN MTG CORP	AA+	06/13/2018	4.875%	1.41	115,000	117,463	119,370	1,656
FEDERAL HOME LN MTG CORP	AA+	03/27/2019	3.750%	1.56	500,000	515,255	517,065	8,012
FEDERAL HOME LN MTG CORP	AA+	05/30/2019	1.750%	1.57	50,000	50,129	50,843	786
FEDERAL HOME LN MTG CORP	AA+	10/02/2019	1.250%	1.64	50,000	49,633	50,259	815
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	05/01/2018	3.840%	3.24	250,000	250,275	266,641	8,109
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	04/01/2019	2.680%	2.06	468,070	471,847	487,524	9,720
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	07/01/2019	1.940%	1.84	459,957	459,878	464,269	8,462
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	04/01/2019	5.000%	2.01	41,118	41,784	43,341	840
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	07/01/2019	4.821%	2.62	204,394	213,451	226,750	5,592
INTERNATIONAL BUSINESS MACHS SR GLBL	A+	02/06/2018	1.502%	1.36	100,000	100,044	99,977	1,365
IOWA FIN AUTH REV ST REVOLVING FD	AAA	08/01/2018	3.280%	1.53	25,000	25,332	25,428	388
MICROSOFT CORP NT	AAA	06/01/2019	4.200%	1.57	100,000	103,901	104,647	1,634
MONONA WIS TAXABLE PROM NTS 2015B	N.A.	06/01/2020	3.250%	2.67	100,000	101,393	101,838	2,711
NEW YORK N Y GOBDS 2011 C TAXABLE	AA	10/01/2018	3.480%	1.73	100,000	101,668	101,510	1,759
OHIO ST GO BDS 2009 C TAXABLE	AA+	03/01/2018	4.371%	1.38	100,000	101,003	101,426	1,392
PASADENA CALIF PUB FING AUTH L LEASE	AA	03/01/2018	4.224%	1.73	25,000	25,100	25,249	435
TENNESSEE VALLEY AUTH PWR BD 2008 B	AA+	04/01/2018	4.500%	1.46	500,000	506,555	508,335	7,396
WELLS FARGO & CO NEW SR GLBL NT	A	12/11/2017	5.625%	1.52	25,000	25,109	25,498	380
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	10/26/2018	1.010%	1.64	100,000	99,442	100,000	1,632
MONTGOMERY CNTY MD CTF PARTN COPS	N.A.	11/01/2019	1.200%	1.97	100,000	98,549	100,049	1,943
RICHMOND VA GO PUB IMPT BDS C	AA	07/15/2021	2.599%	2.10	100,000	101,505	104,648	2,135
BANK NEW YORK MTN BK ENT FR	A+	11/27/2020	2.450%	2.05	100,000	101,006	102,982	2,071
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	11/01/2020	3.410%	2.25	116,769	120,635	125,088	2,714
GILEAD SCIENCES INC SR NT	A-	09/01/2020	2.550%	2.06	100,000	101,387	103,208	2,084
WISCONSIN ST GEN FD ANNUAL APP REV	AA-	05/01/2021	1.616%	2.23	100,000	98,431	100,127	2,194
PORT MORROW ORE TRANSMISSION F REV	AA	09/01/2021	2.737%	2.23	225,000	229,646	234,695	5,123
WACO TEX INDPST SCH DIST REF BDS	N.A.	02/15/2020	4.000%	1.99	165,000	173,118	175,822	3,445
FEDERAL NATL MTG ASSN	AA+	05/26/2021	1.800%	2.04	260,000	257,348	260,000	5,255
FEDERAL HOME LN MTG CORP	AA+	12/30/2019	1.500%	1.68	260,000	258,518	260,000	4,338
FEDERAL HOME LN MTG CORP	AA+	12/30/2020	1.750%	1.91	340,000	337,610	340,000	6,445
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	07/19/2021	2.030%	2.11	80,000	79,296	80,000	1,676
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	01/24/2022	2.050%	2.21	120,000	119,100	120,000	2,637
FEDERAL HOME LN MTG CORP MEDIUM	AA+	07/27/2020	1.625%	1.84	80,000	79,596	80,000	1,466
FEDERAL HOME LN MTG CORP	AA+	05/15/2020	1.600%	1.82	220,000	218,759	220,000	3,975
FEDERAL HOME LN MTG CORP	AA+	10/26/2021	2.000%	2.14	220,000	218,266	220,000	4,660
FEDERAL HOME LOAN BKS CONS BDS	AA+	04/27/2022	1.250%	2.26	220,000	219,701	219,505	4,954
FEDERAL HOME LN MTG CORP	AA+	05/01/2020	1.375%	1.71	290,000	287,755	288,627	4,929
FEDERAL NATL MTG ASSN	AA+	10/07/2021	1.375%	1.91	140,000	137,291	138,157	2,624
FEDERAL HOME LN MTG CORP	AA+	01/13/2022	2.375%	1.99	310,000	314,442	317,712	6,251
FEDERAL NATL MTG ASSN	AA+	01/05/2022	2.000%	1.99	310,000	310,236	311,600	6,164
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/12/2020	1.750%	1.75	170,000	170,054	171,115	2,979
FEDERAL NATL MTG ASSN	AA+	05/06/2021	1.250%	1.83	170,000	166,814	167,883	3,046
FEDERAL NATL MTG ASSN	AA+	08/17/2021	1.250%	1.88	170,000	166,000	167,360	3,119
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	07/19/2022	1.900%	2.04	165,000	163,944	165,772	3,338
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	08/03/2022	1.900%	2.05	165,000	164,211	165,427	3,363
FEDERAL NATL MTG ASSN	AA+	04/05/2022	1.875%	2.00	170,000	168,997	170,636	3,387
FEDERAL HOME LOAN BKS CONS BDS	AA+	08/15/2022	1.850%	2.05	130,000	128,655	131,022	2,636
FEDERAL NATL MTG ASSN	AA+	09/28/2020	1.750%	1.79	120,000	119,696	120,000	2,140
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	04/04/2022	2.100%	2.12	220,000	219,380	220,000	4,653
FEDERAL HOME LN MTG CORP	AA+	10/12/2021	2.000%	2.02	120,000	119,574	120,000	2,415
CASH & EQUIVALENTS	-	-	-	0.96	-	896,676	896,676	8,608
Capital Improvement Program Reserve Total						\$ 16,461,768	\$ 16,630,423	\$ 283,937

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Broker/Dealer Investment Name	Composite Credit	Maturity	Coupon Rate	Yield to Maturity	Par Value	Market Value	Cost	Estimated Annual \$ Yield Earnings
Stage 2 Capacity Reserve								
BERKSHIRE HATHAWAY FIN CORP GTD SR	AA	05/15/2018	5.400%	1.54	100,000	102,077	103,885	1,571
CEDAR PARK TEX CTFS OBLIG TAXABLE	AA	08/15/2018	5.280%	2.22	50,000	51,358	51,654	1,138
CISCO SYS INC SR GLBL NT	A+	01/15/2020	4.450%	1.85	75,000	79,138	79,661	1,466
FEDERAL HOME LN MTG CORP PARTN GOLD	N.A.	02/01/2019	5.000%	2.22	30,937	31,506	32,619	699
FEDERAL HOME LN MTG CORP PARTN GOLD	N.A.	11/01/2020	4.500%	2.00	32,522	33,186	33,904	664
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/13/2019	2.375%	1.70	100,000	101,487	103,070	1,726
FEDERAL HOME LOAN BKS CONS BDS	AA+	02/18/2021	1.375%	1.81	100,000	98,606	101,220	1,780
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/29/2018	0.875%	1.39	100,000	99,669	100,070	1,381
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	05/15/2018	4.500%	1.44	100,000	101,737	103,088	1,461
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/28/2018	4.780%	1.65	55,000	56,720	56,813	938
FEDERAL HOME LOAN BKS CONS BDS	AA+	09/11/2020	2.875%	1.80	60,000	61,812	62,506	1,111
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/08/2017	3.125%	1.12	100,000	100,208	101,106	1,124
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/24/2019	1.520%	1.66	200,000	199,662	200,000	3,320
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	04/09/2018	1.283%	1.06	50,000	50,048	49,959	532
FEDERAL HOME LOAN BKS CONS BDS	AA+	08/15/2019	5.125%	1.69	50,000	53,073	53,548	895
FEDERAL HOME LOAN BKS CONS BDS	AA+	03/09/2018	4.625%	1.38	75,000	75,926	76,347	1,051
FEDERAL HOME LOAN BKS CONS BDS	AA+	07/01/2019	4.375%	1.64	100,000	104,509	105,086	1,711
FEDERAL HOME LOAN BKS CONS BDS	AA+	03/13/2020	4.125%	1.73	125,000	132,015	132,474	2,280
FEDERAL NATL MTG ASSN	AA+	01/21/2020	1.625%	1.68	100,000	99,978	101,676	1,682
FEDERAL NATL MTG ASSN	AA+	06/22/2020	1.500%	1.72	100,000	99,514	101,260	1,711
FEDERAL NATL MTG ASSN	AA+	11/30/2020	1.500%	1.78	100,000	99,213	101,038	1,768
FEDERAL NATL MTG ASSN	AA+	12/28/2020	1.875%	1.80	175,000	175,511	178,843	3,159
FEDERAL NATL MTG ASSN	AA+	02/26/2021	1.375%	1.83	180,000	177,347	180,187	3,244
FEDERAL NATL MTG ASSN	AA+	01/14/2019	3.275%	1.65	100,000	102,093	102,562	1,681
FEDERAL HOME LN MTG CORP MULTICLASS	NR	10/25/2020	2.788%	1.93	57,047	57,599	58,473	1,113
FEDERAL HOME LN MTG CORP	AA+	03/27/2019	3.750%	1.56	250,000	257,628	258,487	4,006
FEDERAL HOME LN MTG CORP	AA+	05/30/2019	1.750%	1.57	100,000	100,258	101,685	1,572
FEDERAL HOME LN MTG CORP	AA+	08/01/2019	1.250%	1.61	100,000	99,350	100,881	1,598
FEDERAL HOME LN MTG CORP	AA+	10/02/2019	1.250%	1.64	100,000	99,265	100,517	1,631
FEDERAL HOME LN MTG CORP	AA+	04/09/2018	0.750%	1.27	100,000	99,767	99,836	1,267
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	05/01/2018	3.840%	3.24	200,000	200,220	213,313	6,487
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	12/01/2020	4.000%	2.14	62,629	64,727	65,624	1,385
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	07/01/2019	4.821%	2.62	170,957	178,532	189,655	4,678
GARNER N C GO PUB IMPT BDS TAXABLE	AA+	02/01/2018	3.050%	1.54	50,000	50,174	50,397	770
GENERAL ELEC CAP CORP MTN	A+	08/07/2018	1.582%	1.49	100,000	100,127	99,695	1,493
IOWA FIN AUTH REV ST REVOLVING FD	AAA	08/01/2018	3.280%	1.53	100,000	101,329	101,713	1,552
JPMORGAN CHASE & CO SR NT	A-	03/01/2021	2.550%	2.32	50,000	50,323	50,944	1,169
LANCASTER CNTY NEB SCH DIST NO SCH	AA	01/15/2021	4.550%	2.70	50,000	53,143	54,457	1,434
NORFOLK VA GO CAP IMPT BDS 2010 B	AA	03/01/2019	4.650%	2.18	100,000	103,376	103,952	2,248
NORTH ST PAUL MAPLEWOOD MINN I GO	AA	02/01/2018	5.000%	1.81	100,000	100,861	101,595	1,821
TENNESSEE VALLEY AUTH PWR BD 2008 B	AA+	04/01/2018	4.500%	1.46	200,000	202,622	203,274	2,958
U S BANCORP MTNS BK ENT FR	AA-	11/15/2018	1.950%	1.67	100,000	100,239	100,151	1,669
UNIVERSITY CALIF REVS FOR PREV GEN	AA	07/01/2019	1.796%	1.90	50,000	49,967	49,712	950
WELLS FARGO & CO NEW SR GLBL NT	A	12/11/2017	5.625%	1.52	100,000	100,435	101,993	1,522
XTO ENERGY INC SR NT	AA+	06/15/2018	5.500%	1.55	100,000	102,398	104,092	1,588
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	10/26/2018	1.010%	1.64	200,000	198,884	200,000	3,264
MONTGOMERY CNTY MD CTFS PARTN COPS	N.A.	11/01/2019	1.200%	1.97	100,000	98,549	100,049	1,943
BANK NEW YORK MTN BK ENT FR	A+	11/27/2020	2.450%	2.05	150,000	151,509	154,473	3,106
GILEAD SCIENCES INC SR NT	A-	09/01/2020	2.550%	2.06	150,000	152,081	154,812	3,125
WISCONSIN ST GEN FD ANNUAL APP REV	AA-	05/01/2021	1.616%	2.23	100,000	98,431	100,127	2,194
FEDERAL HOME LN MTG CORP	AA+	08/25/2021	1.375%	2.12	90,000	88,563	90,000	1,878
METRO WASTEWTR RECLAMATION DIS REV	AA+	04/01/2019	4.718%	2.11	100,000	104,158	105,398	2,196
WACO TEX INDPT SCH DIST REF BDS	N.A.	02/15/2020	4.000%	1.99	55,000	57,706	58,607	1,148
FEDERAL HOME LN MTG CORP	AA+	03/30/2021	1.500%	1.96	60,000	58,925	60,000	1,153
FEDERAL HOME LN MTG CORP	AA+	09/30/2021	1.050%	2.67	100,000	97,875	99,900	2,614
FEDERAL NATL MTG ASSN	AA+	09/30/2019	1.250%	1.68	60,000	59,457	59,985	997
FEDERAL NATL MTG ASSN	AA+	05/26/2021	1.800%	2.04	60,000	59,388	60,000	1,213
FEDERAL HOME LN MTG CORP	AA+	12/30/2020	1.750%	1.91	100,000	99,297	100,000	1,896
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	07/19/2021	2.030%	2.11	80,000	79,296	80,000	1,676
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	01/24/2022	2.050%	2.21	60,000	59,550	60,000	1,318
FEDERAL HOME LN MTG CORP MEDIUM	AA+	07/27/2020	1.625%	1.84	40,000	39,798	40,000	733
FEDERAL HOME LN MTG CORP	AA+	10/26/2021	2.000%	2.14	150,000	148,818	150,000	3,177
FEDERAL HOME LOAN BKS CONS BDS	AA+	04/27/2022	1.250%	2.26	150,000	149,796	149,663	3,378
FEDERAL HOME LN MTG CORP	AA+	05/01/2020	1.375%	1.71	260,000	257,988	258,975	4,419
FEDERAL NATL MTG ASSN	AA+	10/07/2021	1.375%	1.91	80,000	78,452	78,947	1,499
FEDERAL HOME LN MTG CORP	AA+	01/13/2022	2.375%	1.99	120,000	121,720	122,985	2,420
FEDERAL NATL MTG ASSN	AA+	01/05/2022	2.000%	1.99	120,000	120,091	120,619	2,386
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/12/2020	1.750%	1.75	260,000	260,083	261,706	4,557
FEDERAL NATL MTG ASSN	AA+	05/06/2021	1.250%	1.83	260,000	255,128	256,762	4,659
FEDERAL NATL MTG ASSN	AA+	08/17/2021	1.250%	1.88	260,000	253,882	255,963	4,770
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	07/19/2022	1.900%	2.04	290,000	288,144	291,357	5,867
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	08/03/2022	1.900%	2.05	290,000	288,614	290,751	5,911
FEDERAL NATL MTG ASSN	AA+	04/05/2022	1.875%	2.00	300,000	298,230	301,122	5,977
FEDERAL HOME LOAN BKS CONS BDS	AA+	08/15/2022	1.850%	2.05	85,000	84,120	85,668	1,724
FEDERAL NATL MTG ASSN	AA+	09/28/2020	1.750%	1.79	180,000	179,545	180,000	3,210
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	04/04/2022	2.100%	2.12	280,000	279,210	280,000	5,922
FEDERAL HOME LN MTG CORP	AA+	10/12/2021	2.000%	2.02	180,000	179,361	180,000	3,623
CASH & EQUIVALENTS	-	-	-	0.96	-	473,252	473,252	4,543
Stage 2 Capacity Reserve Total						\$ 9,778,628	\$ 9,884,139	\$ 179,500
Subtotal, Bank of the West						\$ 29,742,170	\$ 30,049,664	\$ 525,246

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Broker/Dealer Investment Name	Composite Credit	Maturity	Coupon Rate	Yield to Maturity	Par Value	Market Value	Cost	Estimated Annual \$ Yield Earnings
California Local Agency Investment Fund		LAIF	-	1.143		\$ 622,121	\$ 622,121	7,111
TOTAL UNRESTRICTED INVESTMENTS						\$ 30,364,291	\$ 30,671,785	\$ 532,357
Bank of New York (Trustee)								
2008 Reserve Account - Morgan Stanley Treas Sec X9USDMORS	-	-	0.000%	-		11	11	-
2008 Revenue Account - Morgan Stanley Treas Sec X9USDMORS	-	-	0.000%	-		4	4	-
2008 Interest Account - Morgan Stanley Treas Sec X9USDMORS	-	-	0.000%	-		4,344	4,344	-
2009 Reserve Account - Federal National Mortgage Assn 3136G3Q73	Aaa	7/26/2019	1.150%	1.16		4,736,167	4,780,000	54,940
2009 Reserve Account - BMW BK North Amer Salt Lake 05580ACK8	Aa	7/24/2019	2.000%	1.99		150,469	150,000	2,994
2009 Reserve Account - Morgan Stanley Treas Sec X9USDMORS	-	-	0.000%	-		100,699	100,699	-
2009 Revenue Account - Morgan Stanley Treas Sec X9USDMORS	-	-	0.000%	-		62,656	62,656	-
2009 Revenue FD Account - Morgan Stanley Treas Sec X9USDMORS	-	-	0.000%	-		1,348	1,348	-
2014 Revenue Account - Goldman Sachs Fin Sq Instl X9USDGLD4	-	-	0.000%	-		425	425	-
2014 Revenue Account - Cash	-	-	0.000%	-		4	4	-
2014 Interest Account - Goldman Sachs Fin Sq Instl X9USDGLD4	-	-	0.000%	-		13	13	-
2014 Principal Account - Goldman Sachs Fin Sq Instl X9USDGLD4	-	-	0.000%	-		7	7	-
2014 Project Account - Cash	-	-	0.000%	-		7	7	-
2014 COI Account - Goldman Sachs Fin Sq Instl X9USDGLD4	-	-	0.000%	-		5,134	5,133	-
2014 COI Account - Cash	-	-	0.000%	-		46	46	-
2015 Project Account - Cash	-	-	0.000%	-		28	28	-
2015 Revenue Account - JP Morgan Prime MMKT Instl X9USDJPMP	-	-	0.000%	-		163	163	-
2015 Revenue Account - Cash	-	-	0.000%	-		1	1	-
2009 Escrow - United States Treasury 912828UJ7	Aaa	1/31/2018	0.875%	0.88		598,515	599,629	5,267
2009 Escrow - Resolution Funding Corp Interest Strip 76116EFS4	Aaa	7/15/2018	0.000%	-		333,974	329,183	-
2009 Escrow - United States Treasury 912828VQ0	Aaa	7/31/2018	1.375%	1.38		262,908	265,978	3,628
2009 Escrow - United States Treasury 912828B33	Aaa	1/31/2019	1.500%	1.50		602,813	610,349	9,042
2009 Escrow - Tunisia Government Aid Bonds 066716AG6	Aaa	7/16/2019	1.686%	1.69		40,339,702	40,944,692	681,741
2009 Escrow - Cash	-	-	0.000%	-		3,154	3,154	-
Subtotal, Bank of New York (Trustee)						\$ 47,202,592	\$ 47,857,873	\$ 757,612
Less Amounts held in Escrow for 2009 Bond Defeasance						\$ (42,141,066)	\$ (42,752,985)	\$ (699,678)
Net Total, Bank of New York (Trustee)						\$ 5,061,526	\$ 5,104,888	\$ 57,934
Uninvested Operating Cash						888,889	888,889	-
TOTAL CASH & INVESTMENTS, UNRESTRICTED AND WITH TRUSTEE						\$ 36,314,706	\$ 36,665,562	590,290
							Weighted Average Yield to Maturity %	1.63%

Summary by Investment Type:	Market Value
US Treasuries	\$ 169,060
Agencies	27,405,423
Commercial Paper / Corporate Bonds	2,334,413
Municipal Bonds / Notes	3,415,224
Money Market / Certificates of Deposit	2,368,466
Local Agency Investment Fund	622,121
TOTAL	\$ 36,314,706
Summary by Purpose / Restriction Level	Market Value
Working Capital	\$ 1,511,010
Operations & Capital Budget Reserve	3,501,774
Capital Improvement Program Reserve	16,461,768
Stage 2 Capacity Reserve	9,778,628
Debt Reserve	5,061,333
Debt Proceeds	193
TOTAL	\$ 36,314,706
Summary by Liquidity:	Market Value
0-1 years	\$ 9,249,492
1-2 years	10,223,421
2-3 years	7,208,868
3-5 years	9,632,926
TOTAL	\$ 36,314,706

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

**ENGINEERING REPORT: NOVEMBER 2017
CAPITAL IMPROVEMENT PROGRAM IMPLEMENTATION**

Front of Plant Site Civil Project: Prepare Front of Plant site for RESCU Program by stabilizing the soil and providing roads, parking, and utilities.

This is the first construction project of the RESCU program. Freyer and Laureta is the design engineer for this project, which includes lime stabilization of the soil and grading at the front of the plant. It also adds a new access road and employee parking, lighting, and conduits for future utilities to support the construction.

Planned Commission Actions: Accept Project/File Notice of Completion – Jan 2017

New 12kV Switchgear Project (9807): Construct new 12kV switchgear equipment and enclosure.

On October 5, 2017 the Commission approved Task Orders with Beecher Engineering and Kennedy Jenks to begin the design for a new 12kV Switchgear. The new 12kV equipment is needed to supply power to the new front of plant facilities. The 90% review for this project is scheduled in early January 2018.

Planned Commission Actions: Award Construction Contract – March 2018

Wastewater Treatment Plant Improvements Phase 2 (9169, 9173, 9186, 9189, 9197, 9220, 9224): Rehabilitation and/or replacement of seven treatment plant mechanical processes.

SVCW issued a Request for Qualification (RFQ) on September 22, 2017. This RFQ is the first step of a two-step procurement process and establishes the process for soliciting and evaluating Statement of Qualifications (SOQs). SVCW received and evaluated two firms in accordance with stated criteria. Both firms were deemed qualified and will receive Request for Proposals (RFP). The RFP's were issued on December 7, 2017 and are due back to SVCW no later the February 9, 2018. The RFP will include Procurement Documents by which the Respondents will need to assess and provide a lump sum price to complete the entire project (design and construction). Staff will evaluate the best timing for the financing needs of the Authority and will return to the Commission for approval of a Design-Build contract at a future date.

Planned Commission Actions: Award Fixed Price Design-Build Contract a contract – Spring 2018

Solids Handling Building HVAC Duct Repair (9169): Replacement of Damaged HVAC Duct work.

On September 14, 2017 the Commission approved a contract with Blocka Construction to replace the damaged SHB Ductwork. Blocka Construction is onsite dismantling the existing ductwork and working on material submittals with Tanner Pacific.

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

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 route 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. Power Engineering is excavating the area under transformers T-1 and T-2 at the SHB to construct a new duct bank which will connect the 12kV system using the underground tunnel as a bridge between the main building and the SHB. 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 - TBD

Gravity Pipeline (6008) and Front of Plant Projects (6013, 6014, 9160): 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.

In November, a facilitated Partnering meeting was held with both JV teams, consultants, and staff to align all groups on communication protocols. Staff is developing a SharePoint site as a means of exchanging information and documents between the various teams.

The “RESCU” center co-location trailers are complete; the JV teams and staff are occupying the new facilities.

Planned Commission Actions: Approve Stage 2 Design Build Contracts - TBD

SVCW Capital Improvement Program
Actual Expenditure vs. Plan
Through October 31, 2017

Project Phase	Project Count	Amended 2015 CIP Update	Actual Spent thru October 2017	\$ Unspent/ Remaining	% Unspent/ Remaining
Completed	100	\$ 138,476,806	\$ 136,635,396	\$ 1,841,410	1.3%
In Construction	29	76,767,255	68,714,727	8,052,528	10.5%
Planning & Design	35	461,021,145	33,620,806	427,400,339	92.7%
Other	37	136,873,865	4,954,466	131,919,399	96.4%
TOTAL	201	* \$ 813,139,071	\$ 243,925,396	\$ 569,213,675	70.0%

* Consistent with the January 2017 Long Range Financial Plan, project cost estimates were increased by the construction cost index as provided by Engineering News Record.

**SVCW Capital Improvement Program
CIP Project Status - COMPLETED**

28-Nov-17

Project Phase	Project No.	Project Name	Project Description/Status	2008 CIP (Original, 2007 \$s)	2013 CIP Update (2010 \$s)	2015 CIP Update (2015 \$s)	Actual Spent thru October 2017
Complete	6001	48-inch Force Main Reliability Improvement	Replace the entire length of 48-inch diameter section of force main from RCPS to SCPS. This project incorporated CIP #6005 which was deleted in the CIP Update.	\$ 2,539,400	\$ 43,060,000	\$ 40,000,000	\$ 41,204,050
Complete	6002	Conveyance System Master Plan (CSMP)	Planning for replacement and/or repair of force main and all five pump stations, including screening at the treatment plant.	1,250,000	2,386,483	2,374,494	0
Complete	7010	Pump Stations Preliminary Design and CEQA	Prepare preliminary design (up to 30% design) for all pump station work including support for CEQA and SRF loan application	-	3,000,000	3,128,769	3,083,722
Complete	7013	Pump Stations Secondary Communications	Provide secondary communications for remote monitoring and control	-	-	51,900	33,289
Complete	8001	Central Data Acquisition Unit PLC System Upgrade	Central Data Acquisition Unit PLC System Upgrade; Replacement for Automation Program.	127,700	32,592	32,592	25,220
Complete	8002	Auto-reset of Effluent Pumps	Remote reset of effluent pumps after a power outage.	38,900	15,266	15,266	-
Complete	8003	Disinfection Area SCADA	Tie-in disinfection area to the SCADA network in conjunction with Hypochlorite proejct (9015)	16,100	-	-	-
Complete	8004	Install SCADA Servers	Purchase and install and program independent servers for SCADA use only.	170,200	163,002	91,040	91,040
Complete	8005	Install MCC PLC	Installation of MCC PLC in support of the Automation Program	214,900	209,226	209,225	202,370
Complete	8006	Turbine #1A-4B Air Flow Monitor	Combined with Activated Sludge Automation (CIP 8017)	160,900	-	-	-
Complete	8008	Aeration Basins #1-4 Motorized Effluent Gate Controls	Combined with Activated Sludge Automation (CIP 8017)	201,100	-	-	-
Complete	8009	Aeration Basins #1-4 Mudvalve Operation	Combined with Activated Sludge Automation (CIP 8017)	80,500	-	-	-
Complete	8010	WAS Flow Controls	Combined with Activated Sludge Automation (CIP 8017)	20,200	-	-	-
Complete	8011	RAS Pump #1-6 Speed Adjust	Combined with Activated Sludge Automation (CIP 8017)	360,600	-	-	-
Complete	8012	Secondary Clarifier Inner / Outer Gates Motorized Controls	Combined with Activated Sludge Automation (CIP 8017)	80,500	-	-	-
Complete	8013	WAS Pump #1-4 Speed Adjust	Combined with Activated Sludge Automation (CIP 8017)	244,400	-	-	-
Complete	8015	CCT Weir Sluice Gate Operator	Combined with Activated Sludge Automation (CIP 8017)	128,500	-	-	-
Complete	8017	Activated Sludge Process Automation (Aeration and Secondary Clarifiers).	Combine automation projects for processes related to Activated Sludge; this project is complete. Automates the activated sludge process.	4,411,400	8,428,965	7,637,390	7,636,947
Complete	8019	Aeration Basin Gate Actuators	Combined with Activated Sludge Automation (CIP 8017)	278,836	6,569	6,569	-
Complete	8020	Aeration Basin #1-4 Inlet Gate Controls	Combined with Activated Sludge Automation (CIP 8017)	80,500	-	-	-
Complete	8022	SCADA Process Graphics on Information Management System	Enable SCADA view and data across IMS Network to allow data views from remote locations (offsite)	103,500	107,041	62,936	62,936
Complete	8026	Septic System (Grease Receiving) Auto Controls and Level Measurement	Automatic controls tied into SCADA system for monitoring grease receiving station operation. Expenditures charged to CIP #9021	47,600	19,019	-	19,588
Complete	8027	Drying Bed Feed Flow Measurement	Install a new magnetic flow meter for measuring the amount of sludge discharged to drying beds.	54,100	6,232	6,232	0
Complete	9005	Primary Scum Grinders	Purchase and install 3 new grinders. Work was completed in house and via maintenance budget.	265,700	-	-	-
Complete	9006	Purchase Integrated Tool Vehicle	Eliminate need for rental. Purchase vehicle to facilitate access to decks with large equipment	104,000	79,502	81,992	81,992
Complete	9008	Centrifuge Motor Drive Replacement	Replace motor drive on centrifuge.	161,500	71,808	71,808	(0)
Complete	9010	Real-time Wind Direction Information	Monitor wind direction & speed; download to SCADA. Use for odor complaint documentation. Project complete.	19,000	1,633	1,633	-
Complete	9011	Portable Trash Pump	Replaces need to rent portable pump in response to flooding, overflows, and routine dewatering. Trailer-mounted, diesel driven 6" pump. Project complete.	-	-	37,859	37,859
Complete	9012	Digester #3 Rehabilitation and Upgrade	Repair digester for use as a primary digester. Clean digester, repair dome and skirt, slip-line bottom mix line.	1,811,400	3,415,426	4,024,258	4,024,258
Complete	9013	Waste Gas Burner Rehabilitation	Rehabilitate existing burners, including pilot and air flow monitoring equipment. Air permit required. Complete before re-roofing SHB	999,800	649,231	726,141	725,594
Complete	9016	High Pressure Air Piping and Instrument Air	Replace galvanized piping throughout the Plant used for compressed air delivery.	273,000	474,200	468,552	468,552
Complete	9018	Recycled Water For In-Plant Use	Utilize recycled water for sprinkler system in new administration buildng as well as other in-plant uses.	807,300	556,934	585,790	585,790
Complete	9019	Bisulfite Injector System Improvements	Alternate dechlorination injection system for reliability improvement.	225,900	16,740	16,740	6,231

**SVCW Capital Improvement Program
CIP Project Status - COMPLETED**

28-Nov-17

Project Phase	Project No.	Project Name	Project Description/Status	2008 CIP (Original, 2007 \$s)	2013 CIP Update (2010 \$s)	2015 CIP Update (2015 \$s)	Actual Spent thru October 2017
Complete	9021	Grease Receiving Station Reliability Improvements and Odor Control	Convert station to two pits, allowing for expanded volume storage. Improvements to controls, pumping, mixing.	320,200	1,698,002	1,730,417	1,730,417
Complete	9022	Existing Freight Elevator Modernization	Bring passenger and freight elevators up to modern standards; replaces controls. Passenger elevator deleted from this project and included with Administration/Plant Control Building project.	496,700	1,080,137	1,092,137	1,092,137
Complete	9023	Odor & Corrosion Control Master Plan	Address overall plant odor control and corrosion control needs.	148,500	95,182	95,182	-
Complete	9028	Laboratory Building Roof Rehabilitation	Rehabilitate laboratory building roof.	23,400	80,000	106,978	106,978
Complete	9029	Solids Handling Building Control Room HVAC/Scrubber	Air scrubbing to protect sensitive equipment, includes new breaker in (E) MCC, disconnect switch, conduit & wire for air handling unit.	473,400	349,334	390,681	390,764
Complete	9030	Secondary Clarifier Collector Drive Rehabilitation	Project complete. Work done in conjunction with	251,200	435,000	471,182	471,182
Complete	9032	Wireless Network Access Expansion	Extend wireless network throughout plant.	185,900	250,000	-	-
Complete	9035	Effluent Pipe Access Hatch	Install an access hatch to the effluent pipe to facilitate inspection, cleaning, and repairs.	215,300	215,300	123,508	123,508
Complete	9036	Primary Sludge Piping Rehabilitation	Combined with Bilge Pit and Pumping project (221)	136,300	541,152	559,131	559,131
Complete	9038	Moyno Progressive Cavity Pump Replacement	Replace all Moyno pumps throughout the plant; replacement parts no longer available.	814,600	-	-	-
Complete	9040	Digester #2 Cleaning	Clean D2; 1 digester every 5 years	269,100	162,630	162,630	162,630
Complete	9075	IMS System Equipment Replacement	Purchase replacement and additional servers for overall Plant computer information management system.	572,800	572,800	67,517	52,474
Complete	9076	Digester Mix Pump Rehabilitation	Rebuild one pump every three years; purchase a spare pump.	275,000	-	-	-
Complete	9095	Digester #2 Cover Repair	Scheduled repair and recoat of D2; expect to replace 15-20 years out	788,200	3,000,000	3,303,733	3,303,733
Complete	9099	Solids Handling Building HVAC Air Scrubber-Implementation	Implement odor and corrosion control for entire SHB	1,673,100	1,911,100	2,152,400	2,340,918
Complete	9101	Fresh Water Lagoon Cleaning	Clean fresh water lagoon to provide necessary volume for stormwater runoff.	1,123,200	711,618	795,845	795,845
Complete	9104	Septage Receiving Area Odor Control	2nd grease pump, in-line grinder and local control panel. Odor control pulls negative pressure in pit to eliminate foul odors. Delete and combine with 9021.	1,115,400	71,602	71,602	71,602
Complete	9106	Laboratory Information Management System (LIMS)	Plan and proceed with implementation of LIMS for laboratory data and process information.	490,100	156,939	116,083	152,667
Complete	9114	Historian Software	Software purchase and installation to facilitate historical tracking of SCADA data.	34,100	2,366	2,366	-
Complete	9125	Plant Service Road Resurfacing-Phase 1	Phase 1 of overall Plant resurfacing project; repairs or expansion of paved areas in anticipation of upcoming construction activities. Project complete. Transfer funds from 9131 to cover overage.	182,200	448,890	734,796	734,796
Complete	9154	Cogeneration Engine Replacement	Upgrade cogeneration engine to enable full utilization of biogas produced.	7,227,900	10,005,000	13,500,000	17,554,800
Complete	9155	Natural Gas to Plant	Pipe natural gas from front entrance to enable its use as fuel blending for the cogeneration engines and in administration building.	181,500	401,042	419,640	419,640
Complete	9156	Administration and Plant Control Building Replacement	Build a new administration and control building at existing location.	11,408,900	20,000,000	21,247,355	21,236,430
Complete	9157	Solids Handling Building Roof Replacement	Replace the roof on SHB; leaks occurring.	226,200	70,203	70,203	70,203
Complete	9163	Demolition of Abandoned Equipment in Solids Handling Building	Demolish/remove equipment in SHB that has not been in operation for over 25 years.	-	1,469,383	1,557,091	0
Complete	9167	Boiler Replacement	Replace boilers due to age and undersized for future use. Includes replacement of piping. Project is being constructed as a CCO to the Cogen Project.	-	400,000	108,050	-
Complete	9178	Levee Repair behind Warehouse	Levee leaks when the stormwater retention basin fills to a certain level; this project repairs the levee.	-	375,000	10,782	-
Complete	9179	Pretreatment Program Sample Room	Provide a wet lab receiving area for source control to prepare samples prior to analysis and also storage of equipment.	-	389,000	575,000	633,142
Complete	9180	Maintenance Shop Reconfiguration	Reconfigure maintenance spaces that have been displaced by other projects.	-	1,372,800	228,038	280,541
Complete	9183	Stage 1 Screening at Plant Influent	Construct a screening facility at influent end of plant. Originally to be funded partially via CIP and partially from Operating budget in approximately 25/75 split.	-	858,000	4,844,000	4,224,826

**SVCW Capital Improvement Program
CIP Project Status - COMPLETED**

28-Nov-17

Project Phase	Project No.	Project Name	Project Description/Status	2008 CIP (Original, 2007 \$s)	2013 CIP Update (2010 \$s)	2015 CIP Update (2015 \$s)	Actual Spent thru October 2017
Complete	9193	T1 and T2 Replacement	Replace Transformers T1 and T2. Do work as CCO to 9801 - 9804 (Power Reliability). Transfer project budget.	-	1,029,600	-	-
Complete	9194	T3 Replacement	Replace Transformer T3. Do work as CCO to 9801 - 9804 (Power Reliability). Transfer project budget.	-	514,800	-	-
Complete	9195	Wetside Power	Installs new PDP-2 and replaces old transformers, T1, T2, and T3. Adds new T4. Do work as CCO to 9801 - 9804 (Power Reliability). Transfer project budget.	-	1,716,000	111,831	-
Complete	9198	Hot Water Piping Improvements - Phase I	Provide pumps and piping to allow the hot water loop to serve the new Plant Control and Lab Buildings.	-	171,600	31,738	-
Complete	9199	Hot Water Piping Improvements - Phase II	Add primary and secondary pumping to connect new cogeneration engines to the Plant hot water loop. Do work as CCO to 9154, Cogen. Transfer project budget	-	669,200	1,542	-
Complete	9202	DMF Valve Replacement	Replace old valves in the DMF gallery. Valves are high in the air and scaffolding will be required for access.	-	915,749	962,654	997,139
Complete	9207	Maintenance Building Roof Replacement	Replaces the roof atop the maintenance building, including drainage improvements at the electrical room	-	18,749	18,949	-
Complete	9208	Solids Handling Building Demolition and Improvements - Phase II	Ready the SHB for new Cogeneration and dewatering equipment, and seismic bracing and column repairs. Do project in conjunction with CIP #9099.	-	1,900,000	2,759,901	2,772,117
Complete	9216	3W System Improvements	Make improvements to Plant Water system to assure adequate flow to all processes	-	171,600	314,600	312,088
Complete	9127	PEC & PST 1 & 2 Protective Coatings	Do SSC #3 with CIP #9014; also replace SSC drive.	-	-	946,092	946,092
Complete	8032	Final Effluent Pumping Control System (FEP) Upgrade	Combine w/CIP #8017; Existing PLC-5 equipment is aging and not up to latest Automation Standards and best practices dictate decoupling controls from other distinct process systems for reliability. Add new SCADA View at existing FEP Platform. Includes programming needed to decouple existing scheme and enhance new controls. Construction completed as a CCO to ASA and CCO funds deleted from this project.	-	179,025	179,025	179,025
Complete	8033	Dechlorination Control System Upgrade	Combine w/CIP #8017; Existing PLC-5 equipment is aging and not up to latest Automation Standards and best practices dictate decoupling controls from other distinct process systems for reliability. Move new Dechlor Control Panel and the SCADA View above flood line to the newly provided platform at RAS/WAS gallery. Includes programming needed to decouple existing scheme and enhance new controls. Construction completed as a CCO to ASA and CCO funds deleted from this project.	-	179,026	179,026	179,026
Complete	8034	Tertiary Filter Feed Pump Control System Upgrade	Combine w/CIP #8017; Existing PLC-5 equipment is aging and not up to latest Automation Standards and, best practices dictate decoupling controls from other distinct process systems for reliability. Add new SCADA View to the existing platform. Includes programming needed to decouple existing scheme and enhance new controls. Construction completed as a CCO to ASA and CCO funds deleted from this project.	-	224,130	224,130	224,130
Complete	8035	Chlorination Control System Upgrade	Combine w/CIP #8017; Existing PLC-5 equipment is aging and not up to latest Automation Standards and best practices dictate decoupling controls from other distinct process systems for reliability. Includes programming needed to decouple existing scheme and enhance new controls. Construction completed as a CCO to ASA and CCO funds deleted from this project.	-	185,478	185,479	185,479
Complete	9007	Industrial Roll-up Doors for Warehouse	Combine with CIP #9132. Project complete	21,700	19,664	19,664	19,664
Complete	9077	Engine Generator #4 Complete Rebuild	Rebuild top end (valve job and associated parts; needed every 20,000 hrs) and lower end (cam shaft, main and rod bearings, rods, pistons and liners and ancillary parts and pieces; needed every 40,000 hrs).	561,000	246,213	246,212	246,212
Complete	9098	Shipping and Receiving Trailer	Combine with CIP #9132. Project complete	34,700	-	-	-
Complete	9119	RAS Discharge Line 36" Butterfly Valve Replacement	Project Completed w/CIP #8017; Replace existing 36-inch butterfly valve with a knife gate valve to resolve ragging problem.	143,200	-	-	-
Complete	9132	Storage and Purchasing Warehouse	Construct a new warehouse for secure storage of supplies, material, and equipment. Construct offices for Purchasing department staff. Replace existing warehouse siding and skylights. Install two new roll-up doors and one double door.	430,700	994,655	1,001,862	1,001,862

**SVCW Capital Improvement Program
CIP Project Status - COMPLETED**

28-Nov-17

Project Phase	Project No.	Project Name	Project Description/Status	2008 CIP (Original, 2007 \$s)	2013 CIP Update (2010 \$s)	2015 CIP Update (2015 \$s)	Actual Spent thru October 2017
Complete	9150	Odor & Corrosion Control Program - General Support	Work completed to date satisfactory for moving forward. Provides support and funding for general requirements of projects contained within the Odor & Corrosion Control Program.	-	100,000	75,450	75,450
Complete	9153	High Pressure Pump Safety Cutout Switch Replacement	Work completed in-house. Project Complete.	28,700	11,233	11,233	-
Complete	9161	Digester #3 Cleaning	Combine w/CIP #9012; Clean Digester #3 to facilitate effective solids treatment and provide access for Digester #3 Rehabilitation and Upgrade project (CIP 9012). Includes purging of Digester #1, screened transfer of contents from Digester #3 to Digester #1, and disposal of screenings and Digester #3 residual contents.	-	-	-	-
Complete	9162	Digester Mix System Improvements	Combine w/CIP #9012; Replace three existing Digester Mixing Pumps with three screw centrifugal pumps and one spare to improve pumping and digester operation and reduce maintenance. The work is included with the Digester #3 Rehabilitation and Upgrade Project (CIP 9012).	-	-	-	-
Complete	9166	Digestion System Enhancements	Combine w/CIP #8021 and transfer budget. Upgrade existing digestion system to allow enhanced operation with three primary digesters in service. Enhancements include a third heat exchanger and replacement of the aging sludge recirculation pumps for all three digesters.	-	-	-	-
Complete	9182	Property Acquisition	Per Engin 7/16, Transfer costs to Proj 264	-	2,540,000	2,540,000	(0)
Complete	9191	Cathodic Protection at WWTP	This project replaces the worn out Plant rectifier for cathodic protection on the influent and effluent pipes. Delete project from CIP; work done in house.	-	130,000	-	-
Complete	9201	Dimminutor procurement and installation	Purchase and install 2 dimminutors for each MPPS and SCPS. Purchase 1 spare for emergency installation. Budget allocated out of 9152	-	334,814	374,323	374,442
Complete	9203	Central Chillers Replacement	Existing Chillers 1 and 2 are undersized and have reached the end of their useful lives and provide no redundancy. Chiller #1 has stopped functioning and is no longer serviceable. This project replaces the two chillers with three new chillers, providing one for redundancy and greatly enhancing reliability. Budget allocated out of 9152	-	996,448	1,109,003	1,109,003
Complete	9204	MPPS Concrete Repair	Severe corrosion and spalling concrete have been witnessed at the Menlo Park Pump Station, compromising the integrity of the structure and posing a safety hazard to SBSA Utility Workers. This project will also remove the chemical storage tanks, piping, and pumps that are no longer used. Budget allocated out of 9152	-	68,155	68,155	68,155
Complete	9211	Secondary Clarifier 6" Water Line Replacement	Replace the 6-inch water line situated on the eastern wall of the secondary clarifiers under the Activated Sludge Automation project. Project pulled from CIP #9152.	-	70,000	59,496	59,496
Complete	9213	Area Lighting	Replacement of Plant area lighting to LED lights by in-house staff and broken out from CIP #9152.	-	56,000	55,547	68,415
Complete	9227	Sodium Bisulfite Tank Alarms & Controls	Provide additional level indicating device, alarms for chemical loading, and controls for heat trace equipment. Currently the 4 tank system has only a single LIT; for safety and critical process control, a redundant LIT is needed. Project will also install visual and audible alarms.	-	-	-	-
Complete	9801	12 kV Primary Switchgear Replacement	Replace primary switchgear due to existing one's obsolescence. Project includes full enclosure and SCADA connection, cabling to T1&T2. Join CIP #s 9801 through 9804 into a larger Power Reliability Improvements project.	-	-	3,152,470	3,188,875
Complete	9802	Motor Control Center P-1,2,3, &4 Replacement	Replace all main Motor Control Center Panels P1 through P4 which have reached the end of their useful lives. Join CIP #s 9801 through 9804 into a larger Power Reliability Improvements project.	-	-	3,130,760	3,160,662
Complete	9803	Electrical System Redundancy	Replace Power Distribution Panels PD1 and PD2 due to obsolescence. Includes tie-breakers for flexibility between T1 and T2. Join CIP #s 9801 through 9804 into a larger Power Reliability Improvements project.	-	-	3,134,080	3,163,940
Complete	9805	Cogeneration System Connection to Primary Switchgear	Work completed under Power Reliability Improvements (9801 to 9804). Project Complete.	-	800,000	3,429	-

**SVCW Capital Improvement Program
CIP Project Status - COMPLETED**

28-Nov-17

Project Phase	Project No.	Project Name	Project Description/Status	2008 CIP (Original, 2007 \$s)	2013 CIP Update (2010 \$s)	2015 CIP Update (2015 \$s)	Actual Spent thru October 2017
Complete	9804	Standby Power Upgrade	Install new standby bus for P1 through P5. Including new ATS's and cabling to P-6 and 2 new standby generators rated at 1MW each. Join CIP #s 9801 through 9804 into a larger Power Reliability Improvements project.	-	-	3,412,623	3,506,324
TOTALS - COMPLETED PROJECTS				\$45,130,636	\$124,064,488	\$138,476,806	\$136,635,396

**SVCW Capital Improvement Program
CIP Project Status - IN CONSTRUCTION**

28-Nov-17

Project Phase	Project No.	Project Name	Project Description/Status	2008 CIP (Original, 2007 \$s)	2013 CIP Update (2010 \$s)	Amended 2015 CIP Update (2015 \$s)	Actual Spent thru October 2017
Constr	6003	Influent Force Main Emergency Repair	As-needed repairs if leaks in the influent force main occur.	\$ 2,145,000	\$ 3,645,000	\$ 3,840,157	2,751,562
Constr	6012	Effluent Pipeline and Outfall Reliability Improvement	Improve reliability of Effluent Pipeline and Outfall, which have historically experienced leaks	-	12,450,438	\$ 10,063,562	11,063,761
Constr	7012	Pump Stations Processor Upgrade & T-1 Transition for Primary Communications	Install new PLC processors for existing Pump Station Controls	-	-	\$ 298,151	118,489
Constr	8007	Primary Sedimentation Control System	Install basic PLC and Communication equipment, conduit and primary sensing devices for primary sedimentation tanks. Do as part of SPA project	3,245,100	2,899,640	\$ 5,592,029	6,520,861
Constr	8018	Gravity Thickener Process Automation	Install basic PLC and Communication equipment, conduit and primary sensing devices in thickener area. Part of SPA project.	2,105,800	4,285,314	\$ 6,425,219	8,095,415
Constr	8021	Anaerobic Digestion Process Automation	Automate digester process. Part of SPA project.	2,589,600	8,882,096	\$ 9,701,615	8,063,155
Constr	8023	SCADA/Auto Response to Plant Alarm Conditions	Planning and programming effort to maintain reliability while reducing labor demand. Requires Automation Program and Communications Upgrade to be completed.	1,446,700	1,255,286	\$ 744,749	226,449
Constr	8025	No. 3 Water Control System	Install basic PLC and Communication equipment, conduit and primary sensing devices for #3 water system.	111,700	225,000	\$ 231,430	44,006
Constr	8036	Automation System Integration - SRF Funded	Use funding for global automation tasks funded by SRF loan program	-	416,545	\$ 445,294	137,436
Constr	8038	Process Return Flow Meter and Sampler Installation	Install flow meters and samplers on small side streams to be able to monitor and track these flows. Project is being installed in-house.	-	357,500	\$ 382,370	188,440
Constr	9014	Process Tanks Concrete and Steel Protective Coatings Replacement	Replace coating in PEC and PST 1&2 (1st phase). Add FFR Wet Pit to project scope. Do with CIP #9127.	-	-	\$ 5,293,542	3,877,636
Constr	9015	Hypochlorite Dosing System Rehabilitation Automation	Replaces pipe, valves, pumps, manifold to allow chlorination for disinfection & odor control; work done in house. Current project replaces the two tanks with double-walled tanks.	372,900	1,350,000	\$ 820,044	616,146
Constr	9034	Electrical Conductor Replacement - MCC Room to Wetside/Dryside Loads	Multiple year project to replace old and corroded electrical cabling throughout the Plant.	4,903,500	2,400,000	\$ 2,791,033	308,844
Constr	9067	Dewatering Process Control System Upgrade	Work being completed under CIP #8021, SPA project. Adds new SCADA View at existing location, programming for cutover of new controls. Delete budget from this project.	108,400	-	\$ -	-
Constr	9080	Primary Sedimentation Tanks Collector System Replacement	Replace or rebuild collector drive system, including chains and filghts; one tank every 2 years.	1,929,100	1,929,100	\$ 4,309,732	3,440,831
Constr	9096	Plant Architectural Painting	Plant-wide painting including pumps, piping, equipment and structures. Painting necessary to prevent corrosion & for longevity of Plant's assets.	1,564,900	1,564,900	\$ 1,813,307	388,692
Constr	9118	SCADA Integration with Integrated Business Management System	Information Management System and SCADA to be tied together for asset management and maintenance scheduling.	481,000	2,168,560	\$ 2,458,093	2,026,758
Constr	9128	PST 3 & 4 Protective Coatings	Complete with 9080 - PST Collector System Replacement	714,150	714,150	\$ 2,869,160	2,496,508
Constr	9131	Plant Service Road Resurfacing- Phase 2	Plant site grading and paving.	1,089,000	821,310	\$ 1,066,488	306,103
Constr	9152	Small Capital Equipment Replacement	Ongoing replacement of equipment for maintenance needs throughout plant	3,714,000	1,954,500	\$ 2,238,071	1,233,502
Constr	9164	Dewatering and Solids Handling Improvements - Phase I	Recommendations from the Biosolids Master Plan for dewatering improvements.	-	3,897,253	\$ 5,565,212	6,381,768
Constr	9177	Implement Security Plan Enhancements	Implement inhancements outlined in Security Document; conjoin with capital improvements as they are being implemented.	-	1,920,000	\$ 1,165,990	526,952
Constr	9188	DMF Underdrain Access Hatches	There is no access point to the DMF underdrains. This project will provide such access.	-	105,600	\$ 116,871	2,307
Constr	9214	Alternate Bisulfite Injection Point	Provide an alternate bisulfite injection point in order to reduce the chance of permit violation	-	423,660	\$ 457,631	10,519
Constr	9222	Dual Media Filters 6A and 6B	Construct two new Dual Media Filters and associated valves and piping. Work is being performed as a CCO by ERS.	-	3,452,571	\$ 2,053,201	931,553
Constr	9226	DMF Platforms	Construct platforms for access to maintain valves in the DMF Gallery. Currently the valves are not accessible. Do work as a CCO to DMF 6A & 6B construction project (CIP #9222)	-	-	\$ 155,490	-
Constr	9228	Diesel Pump Upgrade	Relocate and replace diesel pumps and generator day tanks.	-	-	\$ 879,178	551,609
Constr	9231	BioforceTech Dryer System	Work with BioforceTech for half-scale biosolids drying Facility. SVCW to provide suitable site and utilities; Bioforce Tech to construct and operate. Tipping fee will be established based on this relationship.	-	-	\$ 2,048,637	1,085,770

**SVCW Capital Improvement Program
CIP Project Status - IN CONSTRUCTION**

28-Nov-17

Project Phase	Project No.	Project Name	Project Description/Status	2008 CIP (Original, 2007 \$s)	2013 CIP Update (2010 \$s)	Amended 2015 CIP Update (2015 \$s)	Actual Spent thru October 2017
Constr	9806	Wetside Redundant Power Improvements	Addition of two standby power generators to PDP2 switchgear. In order to save monies, PDP2 was constructed to be completely ready for new generators and was originally proposed to allow existing generators to backfeed through existing primary transformers T1 and T2. Concerns raised during the Rule 21 process caused this plan to be superceded with standalone generators.	-	-	\$ 2,941,000	7,319,657
TOTALS - PROJECTS IN CONSTRUCTION				\$ 26,520,850	\$ 57,118,423	\$ 76,767,255	\$ 68,714,727

**SVCW Capital Improvement Program
CIP Project Status - PLANNING & DESIGN**

28-Nov-17

Project Phase	Project No.	Project Name	Project Description/Status	2008 CIP (Original, 2007 \$s)	2013 CIP Update (2010 \$s)	Amended 2015 CIP Update (2015 \$s)	Actual Spent thru October 2017
Planning	6004	Flow Equalization Facility	Build wet weather and diurnal storage facilities on plant property	\$8,981,300	\$28,600,000	\$ 18,171,592	654,720
Planning	6006	Conveyance System CEQA	Project Development, CEQA, and Planning for the Conveyance System Project Elements	-	839,000	\$ 5,100,580	4,431,594
Planning	6008	Tunnel and Gravity Pipeline	Installation of gravity pipeline, using tunneling construction methods for conveying wastewater to the plant.	-	63,190,000	\$ 220,007,111	11,123,074
Planning	6010	Force Main Conveyance System Program - General Support	Provides support and funding for general requirements of projects contained within the Conveyance System Program.	-	200,000	\$ 208,810	210,418
Planning	6013	Receiving Lift Station	Construct new pump station to lift flow out of the gravity pipeline and into headworks of the plant.	-	-	\$ 50,573,002	2,154,990
Planning	6014	Influent Connector Pipe	Install new pipeline that connects headworks process to current plant influent.	-	-	\$ 9,081,206	707,520
Planning	7004	Menlo Park Pump Station Rehabilitation	Replace Menlo Park Pump Station to accommodate future Conveyance System needs	5,454,200	10,900,000	\$ 23,847,974	193,426
Planning	7005	Redwood City Pump Station Rehabilitation	Replace Redwood City Pump Station to accommodate Conveyance System needs	23,400,000	25,140,000	\$ 30,216,325	3,807,380
Planning	7008	Belmont Pump Station Rehabilitation	The existing pump station is at the end of its useful life. This project will replace the pump station equipment at the same location with details to be identified upon completion of the Conveyance System Program planning under Alternative 4BE. In the interim, until new pump station is constructed or deemed unnecessary, this project will fund necessary maintenance.	14,872,000	-	\$ 10,106,624	33,725
Planning	7009	Pump Stations Program - General Support	Provide general support to the Program Manager and in support of the overall pump station program.	-	400,000	\$ 426,505	162,104
Planning	7011	Belmont Force Main	Construct Pipeline between Belmont Pump Station and San Carlos Pump Station location.	-	22,022,000	\$ 3,308,933	349,106
Planning	9017	Plant #1 Water System Pipe Repair and Supply Upgrade	Rehabilitate potable water system: replace air gap tank or install backflow preventer, hydropneumatic tank, and pumps.	148,400	365,474	\$ 456,925	464,610
Planning	9033	Future Plant Electrical System Panel Replacement	Complete replacement and addition of additional panels and subpanels	5,748,600	5,570,322	\$ 6,357,363	4,016,970
Planning	9097	Plant Deck Re-coating	Add painted walkway and H2O rated hatch covers for pedestrian/cart access under the Plant Control building. Some hatches replaced under other CIP projects.	179,400	179,400	\$ 209,376	2,685
Planning	9102	Storm Drain System Improvements and Maintenance Wash Rack	Replace the last existing stormwater pump with a submersible pump and install 400' of buried 6" C900 PVC pipe and control valves to deliver storm water to the influent junction box or storm lagoon. Construct new wash rack to facilitate ability to clean equipment for maintenance overhauls. Includes upgraded electrical and control system. These two items occur in the same Plant area; stormwater PS work complete; wash rack not complete.	482,100	482,100	\$ 211,947	108,287
Planning	9105	Document Management System	Phase 2 of the IMMS; use for CIP information management.	1,995,500	1,995,500	\$ 2,318,059	612,646
Planning	9107	CCT Concrete and Steel Protective Coating Replacement	Recoat walls and Ceiling of CCT	4,807,400	4,901,400	\$ 5,719,970	278,441
Planning	9120	RAS Pump Suction Pipe Replacement	Slip-line the in-slab pipe. The high content of solids in sludge piping wears the pipe out over time; the RAS piping is thin due to the continued abrasion of the sludge transported through it.	511,800	311,800	\$ 362,864	48,189
Planning	9144	Solids Handling Program - General Support	Project provides support and funding for general requirements of projects contained within the Solids Handling Program through the life of the CIP.	-	100,000	\$ 141,165	243,328
Planning	9145	Plant Energy System Program - General Support	Provides support and funding for general requirements of projects contained within the Plant Energy System Program.	-	75,000	\$ 87,192	64,082
Planning	9160	WWTP Headworks and Screening Facility	Project provides for a new headworks and screening facility at the WWTP. Pump station predesign efforts will take headworks needs into account.	-	16,422,000	\$ 43,011,190	1,194,133
Planning	9169	Dewatering and Solids Handling Improvements - Phase II	Implement the dewatering improvements recommended by the Biosolids Master Plan, including replacing the existing centrifuge with a third rotary press. Timing is dependent upon several projects currently being considered (Food Waste, Bioforce Tech, future Plant loadings) and when Operations require redundancy.	-	1,123,200	\$ 1,443,215	226,066

**SVCW Capital Improvement Program
CIP Project Status - PLANNING & DESIGN**

28-Nov-17

Project Phase	Project No.	Project Name	Project Description/Status	2008 CIP (Original, 2007 \$s)	2013 CIP Update (2010 \$s)	Amended 2015 CIP Update (2015 \$s)	Actual Spent thru October 2017
Planning	9175	Security Program for New Conveyance System Pump Stations	Conduct an evaluation of the security and monitoring needs (required and optional) to be designed into the new conveyance system pump stations. The goal is to have a list of design criteria to give to the pump station design firm to ensure consistency of security equipment and controls. This project will investigate remote monitoring alternatives desired for operational needs. The project includes SVCW making decisions on security equipment, software and integration into the plant data system assuming this project will be conducted before the Plant Security Assessment and Plan project.	-	200,000	\$ 15,113	(0)
Planning	9176	Plant Vulnerability Assessment and Security Plan	Conduct a Site Vulnerability Security Assessment and prepare a Security Plan. This is to identify the security needs at the plant based on potential for vandalism and the planned elimination of night time staffing. This plan will incorporate the decisions made in the Pump Station Security Program (CIP #9175) for software, I/C, and overall network controls. Additional hardware and equipment specific to the plant will be evaluated.	-	250,000	\$ 66,986	-
Planning	9189	DMF Pump and Discharge Piping Replacement	Replace motors and drives on DMF Pumps.	-	858,000	\$ 1,793,236	21,312
Planning	9215	Digester #1 Rehabilitation	Repair of coatings and structural elements in Digester #1. Project includes replacement of the two mix nozzles, two wall penetrations and the upper and lower vertical mix pipe manifold as previously included in CIP #9170. Also include interior coating of 24-inch horizontal mix piping as previously included in CIP #9171.	-	2,000,000	\$ 2,161,884	35,915
Planning	9223	Final Effluent Pump Replacement	Increase the capacity of the final effluent pumps to be able to discharge 80 mgd	-	2,301,714	\$ 2,484,794	97,693
Planning	9224	FEP Connection to Chlorine Mix Box	Provide pipeline to connect effluent pumps to the chlorine mix box to improve plant hydraulics and chlorine contact time	-	200,000	\$ 216,219	2,349
Planning	9232	Long Term Strategic Recycled Water Planning	SVCW would begin collaboration with outside stakeholders for long-term planning of recycled water expansion as a drought proof water supply, explore IPR/DPR treatment requirements etc. Budget is for staff time to attend meetings and begin long-term planning, plus work with consultants on conceptual studies. No construction dollars are included. Large scale expansion of recycled water treatment may offset dollars spend on future nutrient removal compliance	-	-	\$ 532,137	198,279
Planning	9236	CEC-SAF-MBR	Build a pilot facility using CEC grant monies and in-kind services using a new treatment process developed at Stanford University. The process is called Staged Anaerobic Fluidized-Bed Membrane Bioreactor (SAF-MBR). This process could facilitate nutrient removal, recycled water production and, possibly, replace SVCW's secondary treatment processes. Up to \$500,000 was approved by the Commission for funding this project; monies will be allocated from CIP #9232, Long Term Strategic Recycled Water Planning.			\$ 500,000	2,215
Design	9168	Thickening Improvements - Phase I	Rehabilitate Thickeners 2 and 3	-	2,808,000	\$ 1,448,690	394,562
Design	9186	Replacement of Aeration Blowers	The 2010 FFR preliminary design report evaluated the existing blowers and indicated an additional 10 years life remain if the units are maintained well and ventilation is added to the room. Project added in 2012 Update; use project as a placeholder for future replacement and for change to mixers inside the ABs.	-	4,290,000	\$ 4,750,568	571,336
Design	9206	Site Waste Piping and Pump Replacement	Replace discharge piping and header and add one new pump due to significant number of leaks in the system.	-	99,528	\$ 109,901	9,172
Design	9220	Aeration Basin Venturi Removal	Remove a bottleneck to allow peak flow of 80 mgd	-	1,150,857	\$ 1,243,488	19,033
Design	9229	Food Waste: Receiving Station and Digester Improvements	Plan, Design and Construct Receiving Station for Accepting Food Waste from SBWMA. Project would include new receiving station and interconnection to Digesters	-	-	\$ 14,330,203	1,181,450
TOTALS - PROJECTS IN PLANNING & DESIGN				\$66,580,700	\$196,975,295	\$461,021,145	\$33,620,806

Note - \$0 values where project did not yet exist in the identified CIP, was deleted, or was merged with another project

**SVCW Capital Improvement Program
CIP Project Status - REMAINING**

28-Nov-17

Project Phase	Project No.	Project Name	Project Description/Status	2008 CIP (Original, 2007 \$s)	2013 CIP Update (2010 \$s)	Amended 2015 CIP Update (2015 \$s)	Actual Spent thru October 2017
Project On Hold	9071	Plant Gallery Floor and Wall Crack Sealing	Seal gallery floors to prevent infiltration of GW. Unplug in-slab drain pipes.	250,000	484,832	561,364	129,652
Project On Hold	9113	Evaluation of Plant Underslab Piping	TV or otherwise investigate various piping embedded in concrete throughout the Plant	371,800	371,800	434,129	-
Project On Hold	9192	Drying Beds Northern Expansion	Expands the drying bed to the north with a new 3-acre bed.	-	1,656,000	37,337	123,103
Project On Hold	9400	Nutrient Removal	Placeholder for facilities required to remove nutrients (nitrogen and phosphorous) to meet future regulations.	-	-	103,636,229	649,490
Project Not Started	8045	System Integrate: Pump Station Security into WWTP Controls	This project is for the system integration of the pump stations' security systems into the WWTP control system. The project budget assumes 1) that all the security costs associated with specific pump station design and installation of equipment will be included in specific pump station rehabilitation projects and 2) the costs for security control equipment at the WWTP is included in new CIP #9177.	-	150,000	175,146	-
Project Not Started	9041	Underground Fuel Tank Replacement	Future Underground Storage Tank regulations may require removal of this tank. Remove 15,000 gallon underground fuel (diesel) tank and replace with a tank that meets regulatory requirements when necessary. Electrical costs include conduit and wiring for new underground tank leak detection equipment necessitated by moving the tank.	458,000	458,000	534,779	-
Project Not Started	9084	Seismic Upgrade - DMF 42" Effluent Piping	Install lateral bracing on the DMF 42" effluent piping. (Seismic Improvement Program No. P14).	167,300	167,300	195,346	2,062
Project Not Started	9093	Headworks Odor Control	Cover grating and open areas, treat odorous air.	929,500	929,500	1,085,321	-
Project Not Started	9094	Thickener Overflow Line Butterfly Valve Replacement	The butterfly valve is worn and no longer working as it is intended.	28,300	28,300	-	-
Project Not Started	9171	Interior Coating of Horizontal Influent 24" Mix Pipes for Digester 3	The Horizontal 24" Mix Pipe Lines were inspected in 2009 and minimal reduction in pipe thickness was noted and the pipes were placed back into service. It was noted that the coating was peeling off in places so this project will inspect the pipes next time the digesters are taken down for maintenance and replace interior coating and corroded piping as needed. Digester 2 piping replaced under CIP #9095. D1 piping to be included with CIP #9215, Digester 1 Rehabilitation. D3 piping remains to be replaced.	-	100,000	116,764	-
Project Not Started	9172	Thickening Improvements - Phase II	Gravity Belt Thickeners were installed under CIP #8018, Thickening Automation in 2014-2015. If and when flows and loadings increase, Phase II will install one or more GBTs. This is a project placeholder and not currently funded.	-	2,808,000	-	7,130
Project Not Started	9173	Dewatering and Solids Handling Improvements - Phase III	Implement the dewatering improvements recommended by the Biosolids Master Plan, including installation of a fourth rotary press.	-	1,123,200	1,311,493	-
Project Not Started	9174	Digester Supernatant Piping Upgrades	The existing supernatant piping only allows for supernatant to Digester 3 from Digesters 1 and 2 and there is no passive overflow system at any of the Digesters. This project will investigate the future need for additional supernatant piping and alternative destinations for receiving supernatant flow. The project cost assume \$50,000 for the evaluation and a placeholder of \$250,000 for implementation.	-	300,000	350,292	-
Project Not Started	9185	Water Cannons at Aeration Basins	Provide 3W piping and appurtenances required to supply high volume, high pressure water for aeration basin wash-down.	-	107,250	118,783	-
Project Not Started	9187	Secondary Clarifier Weir Washers	Install weir washers on secondary clarifier weirs to facilitate routine daily washing and in support of eventual single shift operations and maintenance.	-	248,820	275,576	-
Project Not Started	9196	Electronic O&M Manuals	Develop Electronic O&M manuals to replace existing paper manuals. Extent of e-manuals will be determined to coincide with full plant automation requirements.	-	1,000,000	1,036,600	-
Project Not Started	9197	In-Plant Recycled Water System Expansion	Expand the recycled water pipeline installed under CIP 9018 to supply cooling water to the new emergency generators in the SHB and the new chillers in the Thickener gallery.	-	231,660	256,570	2,750
Project Not Started	9212	Security Arm Gates	Install security lift arm gates to block access to cars from areas of the plant past the parking lot.	-	80,000	86,488	-

**SVCW Capital Improvement Program
CIP Project Status - REMAINING**

28-Nov-17

Project Phase	Project No.	Project Name	Project Description/Status	2008 CIP (Original, 2007 \$\$)	2013 CIP Update (2010 \$\$)	Amended 2015 CIP Update (2015 \$\$)	Actual Spent thru October 2017
Project Not Started	9225	DCP2 Processor Upgrade	DCP2 Control Logix Upgrade (Dual Chassis) for central data collection and Critical Alert Alarm (CAA) system monitoring and management. The current system is beyond it's useful life and has no redundancy.	-	-	107,599	-
Project Not Started	9233	Strategic Technology Testing Assistance	Set aside a small project budget to assist with future possible pilot studies. Do not fund project at this time.	-	-	-	-
Project Not Started	9235	Digester Gas Storage	Construct storage for digester gas gas equalization in support of optimizing the cogeneration engine operation/electricity output. Gas production expected to rise with introduction of co-digestion materials (food waste and FOG)	-	-	1,451,240	-
Project Merged	6005	Influent Force Main - Rehabilitation or Parallel	Project redefined into pipeline segments; retire this CIP #. Repair and Replacement work on the SBSA Force Main as joints fail (start to leak). The force main has approximately 4,000 single "O" ring bell and spigot joints while the entire pipe rests in bay mud and moves constantly.	125,053,500	2,786,934	3,031,955	3,031,955
Project Merged	8014	Primary Sludge Piping System Valve Automation	Install valve actuators and new valves as needed to facilitate automation of the primary sludge system. Delete project and merge with 8007.	281,700	-	-	-
Project Merged	8024	Thickening Pump #1-6 Remote on / off / speed controls	Combined with Thickener Automation (CIP 8018) via SPA project. Includes effort for motor replacement.	360,600	10,978	26,869	0
Project Merged	8030	Automation: Instrumentation & SCADA Program - General Support	Provides support and funding for general requirements of projects contained within the Energy and Automation Program. Do not fund project in 2015 Update	-	670,509	433,801	458,472
Project Merged	8037	Automation System Integration - Bond Funded	Pulls out global automation programming tasks being completed by B&V into SRF or Bond funded categories.	-	620,260	9,384	-
Project Merged	9103	Landscape Impoundment Improvements	Project is slated to provide improvements to the impoundment. Work in addition to what was originally intended may be done for future Plant process needs.	269,100	269,100	\$ 256,951	30,850
Project Merged	9108	Scum Flowmeter	Combined with Thickener Automation (CIP 8018).	29,200	-	-	-
Project Merged	9124	Biosolids Master Plan	Master plan for handling, hauling and disposal/reuse of biosolids.	6,373,600	694,523	0	0
Project Merged	9165	Seismic Upgrade of Digester Mix Room and Boiler Room Piping	Do work under SPA project, CIP # 8021.	-	111,500	-	-
Project Merged	9205	1406 Radio Road Property Improvements	Provide for general improvements at the newly purchased property at 1406 Radio Road	-	1,135,000	121,550	121,500
Admin	9078	10-Yr CIP Program Annual Updates	Update the 10-Year CIP and costs annually or as needed to ensure that projects are scheduled and funds are available each year	180,000	300,000	348,705	56,089
Admin	9130	Capital Improvement Engineering	Funds staff required to coordinate and implement the Capital Improvement Program.	7,000,000	7,000,000	13,349,767	266,910
Admin	9158	CIP Financial Assistance	State Water Resources Control Board SRF construction loan assistance. Funding received for Admin Building and WWTP Improvements and planning loan for Conveyance System. Future applications will be submitted for Conveyance System and Future Treatment Plant projects. Budget includes ongoing compliance with loan requirements.	-	1,000,000	1,165,569	23,427
Admin	9159	OCIP Funding	Repository for funding the OCIP and payment to Aon for management of the program for first five years. New OCIP program being evaluated in 2015.	-	6,000,000	6,217,403	51,077
Admin	9184	LOC Funding - Phase I	Fees for setting up and managing LOC with Bank of the West. Process complete.	-	105,431	11,124	(0)
Admin	9209	LOC Funding - Phase II	Initial Set-up and Annual fee for LOC with Wells Fargo as of 2015.	-	120,000	129,731	-
TOTALS - REMAINING PROJECTS				\$141,752,600	\$31,068,897	\$136,873,865	\$4,954,466

Note - \$0 values where project did not yet exist in the identified CIP, was deleted, or was merged with another project

Commissioners' Requested Action Items
Updated: 11/28/2017

Commission Meeting Date		Action Item	Requested or Estimated Date for Completion	Status			Date of Completion	Notes
				Ongoing	In Progress	Complete		
11/9/2017	1	Prepare and install signage for Front of Plant area describing what's occurring for public	N/A			✓		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	It was noted that project delays can cost upwards of \$1M/month; remind the Commission of this if staff sees the possibility of project delays.
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
8/10/2017	1	CalPERS Subcommittee formation	9/14/2017		✓			Subcommittee formed consisting of Commissioner Otte and Commissioner Grassilli. Meetings to be held prior to budget preparation for FY2018/2019.
	2	Operating Budget/Staffing	4/1/2018		✓			Ensure SVCW's salaries and benefits maintain competitive with the industry in the development of next FY's budget, especially as it reflects the challenge of hiring engineering or other hard to find/keep staff.
7/13/2017		No new items at this meeting						
6/8/2017	1	Public Policy	7/13/2017			✓	8/10/2017	Letter sent to Congresswoman Eshoo on 08/10/2017.
5/11/2017	1	Progressive Design-Build	5/18/2017			✓	5/15/2017	Sent a link of the Requests for Qualifications to Commissioner Otte.
4/13/2017	1	Progressive Design-Build	11/9/2017			✓	11/9/2017	Selection of Progressive Design-Build Firms for Front of Plant and Gravity Pipeline projects complete.
	2	CIP Project Public Outreach Efforts	NA	✓				Continue comprehensive public outreach efforts with regular project updates to the public and implement webcam(s) at project site(s).

Commissioners' Requested Action Items
Updated: 11/28/2017

Commission Meeting Date	Action Item		Requested or Estimated Date for Completion	Status			Date of Completion	Notes
				Ongoing	In Progress	Complete		
	3	Management Personnel Performance Pay Policy	NA			✓	6/8/2017	Updated the Performance Pay Policy to meet CalPERS standards and requirements including update of annual Performance Evaluation forms to meet same. Present to Commission as part of the approval of the publish annual consolidated pay schedule to be publicly posted. Subsequently rejected by CalPERS and Commission sub-committee formed to address future of program
3/23/2017	1	Long Term Compensation Stability Program/Policy	4/1/2018		✓			Develop methodology for regular updates to compensation schedules with defined increases and practices to insure SVCW compensation stays current with local trends and practices to maintain Authority competitiveness in the marketplace. Develop for Commission approval to facilitate inclusion in the FY 18/19 budget/salary process.
	2	Manager Performance Evaluation	4/13/2017			✓	7/13/2017	Manager provided self evaluation and blank performance evaluation forms to Commissioners at the April meeting; Commissioners have sent their evaluation of Dan's performance directly to Commissioner Seybert. Commission met with Dan on June 8, 2017 and discussed the performance evaluation and compensation.
2/9/2017	1	Provide PIN and keycards to Commissioners	3/23/2017			✓	2/15/2017	Provided to Commissioners at the February meeting.
	2	Compensation Study	3/23/2017			✓	3/23/2017	Report complete and accepted by the Commission.
	3	March meeting agenda	3/17/2017			✓	3/23/2017	Kept agenda items to a minimum and/or on Consent Calendar due to budget focus.
1/12/2017	1	CalPERS actions on performance pay	Ongoing	✓				Keep all persons who received a letter from CalPERS regarding the eligibility of their Performance Incentive Pay for retirement benefits informed of the status of the proceedings and what actions the Commission is taking in SVCW's argument that the payments are eligible for CalPERS retirement benefits. This is anticipated to be a long lasting ordeal and multiple updates will be provided as information becomes available. A hearing was held with an Administrative Law Judge on July 10, 2017. The Judge's ruling against SVCW's argument was received in early November and the Commission has authorized further legal action.
	2	SVCW Financial Reports	2/9/2017	✓		✓	2/9/2017	Send warrant registers for review by Commissioners via email prior to Commission meeting they will approve them at. Do not send hard copies with agenda packet.

Commissioners' Requested Action Items
Updated: 11/28/2017

Commission Meeting Date	Action Item		Requested or Estimated Date for Completion	Status			Date of Completion	Notes
				Ongoing	In Progress	Complete		
	3	SRF Funding	<1/30/2017			✓	1/19/2017	Sent a letter from the Commission to state legislatures for SRF funding prior to January 30th meeting w/SWRCB
	4	Long Term Financial Plan	2/9/2017			✓	2/9/2017	Added statements to LRFP re: debt and generational equity; and re: debt interest due to not having \$ for pay-as-you-go.
	5	CIP Funding	Winter 2018			✓	11/9/2017	Presented a recommendation to Commission re: timing for bond issuance. Issuance expected in Winter 2018.
12/8/2016	1	Prepare discussion re: financing the CIP (bonds/no bonds)	1/12/2017			✓	1/12/2017	Preliminary discussion with the Long Range Financial Plan presented in January 2017.
11/10/2016	1	Discuss 2017 Commission Meeting Dates	12/8/2016			✓	12/9/2016	Commissioners confirmed meeting dates.
	2	Conveyance System DEIR	>12/8/2016			✓	4/13/2017	Commission certified the EIR at the April 13, 2017
	3	Investment Report	12/8/2016			✓	12/8/2016	Ensure numbers in report tie in to front page numbers.
> One Year	1	MOU Negotiations	NA		✓			From 06/19/2016 Meeting: When MOU negotiations occur, present status updates to the Commission - anticipated in spring 2018.
	2	Greendale property construction progress	2/1/2018		✓			Work is expected to be complete by February 1, 2018. Additional costs are being tabulated on a direct time and materials basis with no mark up by contractor.

**MINUTES OF SILICON VALLEY CLEAN WATER
REGULAR MEETING – NOVEMBER 9, 2017
8:00 a.m.**

ITEM 1

CALL TO ORDER

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

ITEM 2

ROLL CALL - Commissioners Duly Appointed by Each Agency

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

Staff, Consultants and Visitors Present

Christine C. Fitzgerald, SVCW Legal Counsel
Daniel T. Child, SVCW Manager
Teresa Herrera, SVCW Assistant Manager / Chief Engineering Officer
Matt Anderson, SVCW Chief Financial Officer / Administration Manager
Monte Hamamoto, SVCW Chief Operating Officer
Bill Bryan, SVCW Senior Engineer
Cindy Hui, SVCW Financial Analyst
Jennifer Flick, SVCW Human Resources Director
Robert Huffstutler, SVCW Operations Director
Ilana Schmidt, SVCW Administrative Assistant
Krista Politzer, SVCW Administrative Assistant
Sylvia Alejos, SVCW Administrative Assistant
Derek Rampone, City of Redwood City
Molly Flowerday, City of Redwood City
E.J. Shalaby, DNS Strategic Partners, LLC
Bill Tanner, Tanner Pacific, Inc.
Mike Jaeger, Tanner Pacific, Inc.
Mark Minkowski, Kennedy/Jenks
John Mahoney, PMA Consultants
Charlie Joyce, Brown and Caldwell
Benjamin Buenrostro, SVCW Retiree
Ken Kaufman, SVCW Retiree

ITEM 3

PLEDGE OF ALLEGIANCE

Teresa Herrera, SVCW's Assistant Manager / Chief Engineering Officer, 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

Mr. Child discussed the importance of protecting your hearing by avoiding exposure to loud sounds and protecting your ears by wearing hearing protection when exposed to noisy situations.

ITEM 5B

MANAGER'S REPORT

SVCW Events: Mr. Child presented invitations to the Commissioners for Linda Bruemmer's Retirement Party on November 29, 2017 as well as SVCW's Annual Holiday Potluck on December 13, 2017.

ITEM 5C

FINANCIAL REPORTS

Mr. Anderson discussed key highlights in SVCW's Quarterly Financial Report. Based on the first quarter expenditures, SVCW is on track with the FY 2017-018 budget. There are timing matters but nothing that won't be resolved by the end of the year.

Mr. Anderson has been meeting with respective staff from member agencies to discuss options to fund the upcoming Capital Improvement Program (CIP) projects. SVCW needs about \$518 Million Dollars to fund the RESCU Program (conveyance system projects) and Wastewater Treatment Plant projects, but excludes upcoming nutrient removal work. Mr. Anderson said the pace of expenditures is essentially on pace with SVCW's January 2017 Long-Range Financial Plan (LRFP).

Due to the current shortage of available funding from the California State Revolving Fund (SRF) it has become necessary to obtain funds through a bond sale. The 2017 LRFP anticipated using SRF funding at this time and a bond sale could increase long-term program

costs, but staff will continue to pursue both SRF and other Federal Government low cost funding options to reduce borrowing costs. Mr. Anderson is working with Member Agency staff to identify the best alternative for each of them. The funding needed for the next 18 to 24 months is \$200 Million dollars and Mr. Anderson noted that spending will not be linear, but will start slowly and ramp up significantly in the last months.

Mr. Anderson reported that both the City of San Carlos and Redwood City have done their analysis and feel they are best served by issuing the full amount of their share of \$200 Million dollars to avoid interest rate risk later on. Belmont will do what they've done in the past which is issue bonds on their own and provide cash contributions when needed. West Bay Sanitary District has evaluated their needs and are leaning towards issuing their share of \$100 Million dollars now and their share of the second \$100 Million dollars later. Mr. Anderson said he anticipates bringing forth a recommendation at the December 14, 2017 meeting and until then, discussions will continue with the member agencies.

Commissioner Otte commented that there are ways through the bonding process that the Agency can tailor to each one of the boards requests without significantly affecting the impact of other agencies.

Commissioner Seybert stopped further discussion as the item is only a report on the agenda. To facilitate discussion, the item will be brought back to the Commission as a Business Item on a future Agenda.

ITEM 5F

2018 COMMISSION MEETING SCHEDULE

After review of the proposed meeting schedule for 2018, the Commissioners agreed to reschedule the January 11, 2018 meeting to January 18, 2018 due to a request from Commissioner Seybert, and set the other meetings for the year on the second Thursday of each month. Ms. Schmidt will send meeting invitations to the Commissioners via email.

ITEM 6

MATTERS OF COMMISSION MEMBER'S INTEREST

Commissioner Seybert requested a large sign be made and posted where the front of the plant work is being done to inform the public of what's going on and details about the RESCU program.

ITEM 7

CONSIDERATION OF MOTION APPROVING CONSENT CALENDAR

Motion/Second: Mr. Lieberman / Mr. Grassilli

The Motion carried by Unanimous Roll Call Vote.

ITEM 8A

CONSIDERATION OF RESOLUTION AND MOTIONS APPROVING DESIGN-BUILD AGREEMENTS FOR STAGE 1 OF THE FRONT OF PLANT PROJECT (CIP #6013, 6014, 9160)

Ms. Herrera said this is the second of the two-large progressive design build projects being awarded and will follow the same format as the previous month's award for the Gravity Pipeline Project.

Ms. Herrera displayed an aerial photograph of the front of the plant and the various facilities that will be located there in the future. There are many approvals needed. The first is to approve a contract with the recommended Progressive Design-Build firm, followed by several actions to approve services of consultants to support SVCW management of the projects.

The proposed recommendation is to approve a contract with the Progressive Design-Build (PDB) firm of JF Shea/Parsons, who have created a joint venture for this project. The management support authorizations consist of Task Orders for Owner's Engineering Advisors with the firms of Brown and Caldwell and Freyer and Laureta, along with Task Orders with Kennedy/Jenks for overall RESCU program management assistance/owner's representative assistance and with Tanner Pacific, Inc. for program management, document management, cost control, reporting and estimating services.

Ms. Herrera stated this has been a very rigorous process with no appeals received and the process is on schedule. Ms. Herrera displayed a PowerPoint slide, after receiving a question about how each firm was scored relative to the others, pointing out the criteria and points given to each. She then explained the overall project will be completed in two stages. Stage 1 work will bring the design to about 60% level and includes developing costs for completion of the Stage 2 work, which is finishing the design and completing construction of the project.

Ms. Herrera mentioned there was a question at last month's Commission Meeting about the proposed costs on the Gravity Pipeline project and how close they had been to each other. In response to that questions, she stated that two of the three costs for Stage 1 on this project had been very close, but the third had been almost double the other's cost proposal.

Commissioner Grassilli asked when appeals could be made. Ms. Herrera said there are five days to make an appeal after announcing who the Agency has selected for recommendation, which was already done and no appeals were made.

Commissioner Seybert asked if the lowest scoring firm was due to price? Ms. Herrera said no, although they did submit the lowest price.

Commissioner Lieberman asked why the cost of the third firm was almost double. Mr. Child stated that his speculation, and it is purely a guess, is that Stage 1 work is mostly engineering and the lower prices were from firms led by a construction firm, while the higher price was from team led by an engineering firm.

Commissioner Grassilli asked if there was an engineering estimate done for this project. Ms. Herrera said there was and it came in at \$7.5 Million dollars.

Commissioner Seybert said the information provided shows the top firm scored about 90% and asked if there were any areas that stood out or where there was a question about them. Ms. Herrera replied that there were a few points here and there for all the firms, but nothing came to mind in either case. She explained that the selection panel was a diverse group and though the actual score of each firm varied by person and category, the decision to recommend Shea/Parsons was unanimous.

Commissioner Lieberman said we are bidding on a large number of sizeable contracts, typically not in the hundreds of millions, but still very big dollar amounts. He said he had been watching what happened in Puerto Rico with the infrastructure system and clearly the type of bids received there ranged broadly from large companies to companies that didn't have adequate internal staff to handle the work and used sub-contractors. The work attracted a large range of qualified bidders.

Commissioner Liberman continued that when bids are brought to the SVCW Commission, for the most part, we don't see anything like the diversity or range of that type of bidding behavior and speculated this may be because SVCW projects are not typically large enough, but this scenario seemed to attract more. The differential between what they were bidding and the next lowest bidder was almost the size of the project. He'd like a sense of whether SVCW is attracting the range of bidders that may be seen in Puerto Rico's larger infrastructure efforts?

Mr. Child said the Gravity Pipeline Project had seven different proposals and the Front of Plant Project had five proposals, which in the industry is a very good turnout. Ms. Herrera added that this is the first time SVCW is doing design-build projects. Historically, the Commission has awarded projects with the design-bid-build model and she's seen much more tightening up of bid prices where there's multiple bidders and their prices are closer than seen before. Ms. Herrera said bids seem to be coming in higher as well because contractors in the Bay Area, and even nationally, are so busy.

Mr. Seybert said a project like this is a much narrower band of contractors which doesn't bode well for price but at the same time it's a very narrow group of contractors out there that can do this type of work. He said he wondered why the third cost proposal came in so much higher and thinks it may be because they are not a joint venture.

Mr. Lieberman advised the Agency to use caution with the new bid structure for design-build projects because it may be harder to diagnose what's leading to a reasonable bid versus one that turns out that it won't work and it could be well into the project before a problem is found.

Mr. Otte said all of the teams listed are ones he recognizes in the industry as real established players. Mr. Lieberman said the fact that the agency is seeing these reputable companies suggests that SVCW staff is doing a great job managing the process and communicating with the industry, making sure the right companies are bidding. Mr. Lieberman believes in the end

there will be a good deal of responsibility and accountability coming from the hard efforts put into selecting these firms.

Mr. Child commented the process put together by SVCW Engineering and O&M staff is very detailed and they had done an incredible job in the selection process. He said though he was not directly involved in the day to day process, he had observed their efforts and staff was doing an outstanding job.

Mr. Seybert said the hard work on the front-end specifications is reflected in how close the proposals came in.

Motion/Second: Mr. Lieberman / Mr. Otte

- i. Move adoption of RESOLUTION APPROVING DESIGN BUILD AGREEMENT DOCUMENTS FOR FRONT OF PLANT PROJECT (CIP #6013, 6014,9160); AND AUTHORIZING EXECUTION OF AGREEMENT AND AUTHORIZING MANAGER TO APPROVE CONTRACT CHANGE ORDERS UP TO TEN PERCENT OF THE CONTRACT PRICE FOR SAID PROJECT – SHEA/PARSONS JOINT VENTURE - (\$7,146,186)

The Resolution carried by Unanimous Roll Call Vote.

- ii. Move approval of TASK ORDER SCOPE AND BUDGET FOR OWNER'S ADVISOR SERVICES FOR THE FRONT OF PLANT (CIP #6013, 6014, 9160); IN AN AMOUNT NOT TO EXCEED \$1,924,279 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – BROWN AND CALDWELL

The Motion carried by Unanimous Roll Call Vote.

- iii. Move approval of TASK ORDER SCOPE AND BUDGET FOR CONSTRUCTION QUALITY ASSURANCE SERVICES FOR THE FRONT OF PLANT (CIP #6013, 6014, 9160); IN AN AMOUNT NOT TO EXCEED \$3,626,362 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – TANNER PACIFIC INC.

The Motion carried by Unanimous Roll Call Vote.

- iv. Move approval of TASK ORDER SCOPE AND BUDGET FOR OWNER'S ADVISOR SERVICES FOR THE FRONT OF PLANT (CIP #6013, 6014, 9160); IN AN AMOUNT NOT TO EXCEED \$351,160 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – FREYER AND LAURETA

The Motion carried by Unanimous Roll Call Vote.

- v. Move approval of TASK ORDER SCOPE AND BUDGET FOR OWNER'S REPRESENTATIVE ASSISTANCE FOR THE RESCU PROGRAM IN AN AMOUNT NOT TO EXCEED \$614,950 AND AUTHORIZE MANAGER TO APPROVE UP TO TEN PERCENT CONTINGENCY FOR ADDITIONAL WORK ON AN AS-NEEDED BASIS – KENNEDY/JENKS

The Motion carried by Unanimous Roll Call Vote.

ITEM 9

CLOSED SESSION

Closed Session was called to order at 8:26 a.m.

A. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Initiation of litigation pursuant to paragraph (4) of subdivision (d) of Government Code §54956.9 (1 potential case)

ITEM 10

RECONVENE FROM CLOSED SESSION

Open Session reconvened at 8:36 a.m. Ms. Fitzgerald reported that in the matter of Closed Session Item 9A, the Commission authorized the initiation of legal proceedings and that the action, the defendants and the other shall, once formally commenced, be disclosed to any person upon inquiry.

The vote of each Commissioner present are as follows:

Commissioner Grassilli – Yes

Commissioner Lieberman – Yes

Commissioner Seybert – Yes

Commissioner Otte - Yes

ITEM 11

ADJOURN

There being no further business, the meeting adjourned at 8:37 a.m.

Robert Grassilli, Secretary

By: Daniel T. Child, Manager

**MINUTES OF SILICON VALLEY CLEAN WATER
SPECIAL MEETING – NOVEMBER 9, 2017
8:45 a.m.**

ITEM 1

CALL TO ORDER

Commissioner Chair, Mr. Seybert called the meeting to order at 8:45 a.m.

ITEM 2

ROLL CALL - Commissioners Duly Appointed by Each Agency

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

Staff, Consultants and Visitors Present

Christine C. Fitzgerald, SVCW Legal Counsel
Daniel T. Child, SVCW Manager
Teresa Herrera, SVCW Assistant Manager / Chief Engineering Officer
Matt Anderson, SVCW Chief Financial Officer / Administration Manager
Monte Hamamoto, SVCW Chief Operating Officer
Bruce Burnworth, SVCW Senior Engineer
Cindy Hui, SVCW Financial Analyst
Jennifer Flick, SVCW Human Resources Director
Ilana Schmidt, SVCW Administrative Assistant
Derek Rampone, City of Redwood City
Molly Flowerday, City of Redwood City
Benjamin Buenrostro, SVCW Retiree
Ken Kaufman, SVCW Retiree

ITEM 3

PUBLIC COMMENT

SVCW Retiree, Ken Kaufman, spoke on behalf of the Closed Session Agenda Item 4. Mr. Kaufman shared that he has been a resident of Redwood City since 1986 and a long-time employee of Silicon Valley Clean Water. Mr. Kaufman said due to not knowing the particulars of the Closed Session, it was difficult to prepare a statement. He came to the Commission earlier in the year when first finding out about the CalPERS determination letters. He added he does not represent the twelve retirees affected but has been in constant communications with them. All retirees risk losing about ten percent of their pension as well as having to pay back up to three years of previously received pension benefits related to the Performance Incentive, from what he understands. He is affected the most monetarily, but he knows there

are others that their standard of living will be significantly impacted. There are people who retired a long time ago and are starting to outlive their pensions. Some are working twenty hours a week just to make ends meet though they retired ten years ago. This is a very big deal and though he's unsure if it will end today, he wanted to explain the status of some of the retirees.

Commissioner Seybert thanked Mr. Kaufman for speaking and stated that the Commissioners have been working diligently and done everything possible thus far. He followed up with calling Closed Session into order.

ITEM 4

CLOSED SESSION

Closed Session was called to order at 8:48 a.m.

A. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION

Pursuant to Government Code §54956.9(d)(1)

Case Name: *In the Matter of the Calculation of Final Compensation of David A. Hall, Respondent, and Silicon Valley Clean Water, Respondent* (Board of Administration, California Public Employees' Retirement System, Agency Case No. 2015-1236 OAH NO. 2016030664)

B. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Government Code §54956.9 (12 potential cases): CalPERS' Determination to Exclude Performance Pay from Retirement Benefit Calculations and Opportunity to Appeal Determination

ITEM 5

RECONVENE FROM CLOSED SESSION

Open Session reconvened at 9:15 a.m. Ms. Fitzgerald reported that as to Closed Session, Item 4A, *In the Matter of the Calculation of Final Compensation of David A. Hall, Respondent, and Silicon Valley Clean Water, Respondent* concerning the issue of whether performance pay can be included in the determination of compensation earnable, the Commission has authorized the filing of an appeal to the Superior Court of California relating to the CalPERS determination to approve the Administrative Law Judge's decision in the negative, issued on November 2, 2017.

The vote of each Commissioner present are as follows:

Commissioner Grassilli – Yes

Commissioner Lieberman – Yes

Commissioner Seybert – Yes

Commissioner Otte - Yes

As to Closed Session Item 4B, direction was given and no action was taken by the Commission.

ITEM 6

ADJOURN

There being no further business, the meeting adjourned at 9:16 a.m.

Robert Grassilli, Secretary

By: Daniel T. Child, Manager

SVCW WARRANT REGISTER

SVCW Warrant Register for the period covering November 18, 2017 to December 1, 2017. A scanned copy was e-mailed to Commissioners on December 5, 2017.

12-01-17

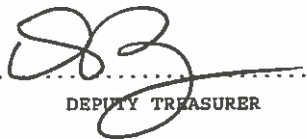
SILICON VALLEY CLEAN WATER
WARRANT REGISTER
FUND RECAP

PAGE 0054

NAME	FUND	AMOUNT
CAPITAL IMPROVEMENT FUND	14	56,787.81
OPERATION	18	238,988.79
PLANT - CIP BOND	20	2,009,205.67
TOTAL FOR APPROVAL		\$2,304,982.27

THIS IS TO CERTIFY THAT THE CLAIMS LISTED ON PAGES NUMBERED FROM 10040 THROUGH 10054 INCLUSIVE, AND/OR CLAIMS NUMBERED FROM 22055 THROUGH 22139 INCLUSIVE, TOTALING IN THE AMOUNT OF \$2,304,982.27, 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,

 11/30/17
DEPUTY TREASURER DATE


12/1/2017

11/18/17-12/1/17

7C-2

 12-4-17

SILICON VALLEY CLEAN WATER
WARRANT REGISTER
12/01/17

PAGE 10040

NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
ACME ANALYTICAL SOLUTIONS INC.	22055		716.93		
SUPPLIES		14534 QTY 1 POTASSIUM IODIDE CRYSTALS		716.93	18
AIRGAS USA, LLC	22056		654.46		
SMALL TOOLS		9069928624 QTY 2 WELDING HELMETS		648.75	18
		9069928624 QTY 2 WELDING HELMETS		5.71	18
AKELA, ARVIND	22057		248.07		
UTILITIES		12012017 REIM-10/17 CELL PHONE EXPENSE		45.00	18
CONF. & TRAV.		12012017B REIM-11/7-11/10/17 TRAVEL EXPENSES - DBIA 20		163.07	18
		12012017C REIM-11/2/17 DINNER MEETING - CWEA SFBS 11/1		40.00	18
ALL FENCE COMPANY, INC	22058		1,620.00		
MACHINERY AND EQUIP MAINT MATE		67876 CHAIN LINK FENCE REPAIR		1,620.00	18
ALL INDUSTRIAL ELECTRIC SUPPLY	22059		154.64		
MACHINERY AND EQUIP MAINT MATE		5173590 QTY 10 FLOURESCENT LAMPS		154.64	18
ALL-INDUSTRIES FIRE PROTECTION	22060		1,274.05		
MACH & EQUIP MAINT SERVICES		10937 FIRE SERVICE PROTECTION		885.00	18
		10937 FIRE SERVICE PROTECTION		389.05	18

SILICON VALLEY CLEAN WATER
WARRANT REGISTER
12/01/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
ALPHA ANALYTICAL LABORATORIES	22061		1,235.00		
CONTRACT SERV. (NON-MAINT.)		7111280RPSVCW PLANT PERMIT LAB ANALYSIS		70.00	18
		7111421RPSVCW SAN CARLOS LAB ANALYSIS		85.00	18
		7111514RPSVCW PLANT PERMIT LAB ANALYSIS		70.00	18
		7111515RPSVCW PLANT PERMIT LAB ANALYSIS		70.00	18
		7111518RPSVCW PLANT PERMIT LAB ANALYSIS		70.00	18
		7111601RPSVCW PLANT PERMIT LAB ANALYSIS		70.00	18
		7111917RPSVCW WBSD LAB ANALYSIS		85.00	18
		7111918RPSVCW WBSD LAB ANALYSIS		85.00	18
		7112078RPSVCW RWC LAB ANALYSIS		375.00	18
		7112305RPSVCW PLANT PERMIT LAB ANALYSIS		255.00	18
APEX LIFE SCIENCES, LLC	22062		1,452.50		
CONTRACT SERV. (NON-MAINT.)		LAB550381841 W/E 11/11/17 LAB TEMPORARY STAFF WORKER -		1,452.50	18
ATMOSPHERIC ANALYSIS & CONSULT	22063		445.00		
CONTRACT SERV. (NON-MAINT.)		A17585 ANALYSIS & REPORTING-SILOXANES & SULFUR COMPOUN		445.00	18
BROWN & CALDWELL	22064		85,103.25		
PROFESSIONAL SERVICES		11293655 7/1-5/25/17 2016-06 DMF VALVE REPLACEMENT		960.00	18
CONST.-ADMIN. & LEGAL		11299345 THRU 8/24/17 T.O.2017-01 DESIGN STANDARDS ASS		34,175.36	20
		11299345 THRU 8/24/17 T.O.2017-01 DESIGN STANDARDS ASS		7,651.20	20
		11299345 THRU 8/24/17 T.O.2017-01 DESIGN STANDARDS ASS		1,530.24	20
		11299345 THRU 8/24/17 T.O.2017-01 DESIGN STANDARDS ASS		6,631.04	20
		11299345 THRU 8/24/17 T.O.2017-01 DESIGN STANDARDS ASS		510.08	20
		11299345 THRU 8/24/17 T.O.2017-01 DESIGN STANDARDS ASS		510.08	20
CONSTRUCTION-DESIGN		11300444 7/28-8/24/17 T.O.2016-11 FOP PROJ/PHASE 1 OWN		11,045.09	20
		11300444 7/28-8/24/17 T.O.2016-11 FOP PROJ/PHASE 1 OWN		11,045.08	20
		11300444 7/28-8/24/17 T.O.2016-11 FOP PROJ/PHASE 1 OWN		11,045.08	20
BROWN INTERNATIONAL CORPORATIO	22065		30,845.13		
CONSTRUCTION-CONTRACTOR		Q176016 10/4/17 35% DOWN PMT - TWO-PADDLE FOOD WASTE D		30,845.13	20

11/18/17-12/1/17

7C-4

SILICON VALLEY CLEAN WATER
WARRANT REGISTER
12/01/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
BUCKLES SMITH ELECTRIC COMPANY	22066		924.93		
MACHINERY AND EQUIP MAINT MATE		303990600 VARIOUS ELECTRICAL PARTS		3,068.38	18
		304025000 VARIOUS ELECTRICAL PARTS		-3,068.38	18
CONSTRUCTION-CONTRACTOR		305842103 VARIOUS ELECTRICAL PARTS		195.56	20
		305842104 VARIOUS ELECTRICAL PARTS		195.56	20
MACHINERY AND EQUIP MAINT MATE		306290600 VARIOUS ELECTRICAL PARTS		533.81	18
C H BULL COMPANY	22067		304.50		
SUPPLIES		1197456 QTY 2 BAYCO LED RECHARGEABLE UNDER HOOD WORKLI		304.50	18
C.W.E.A. - TCP	22068		95.00		
TRAINING		11062017ID000001791I CWEA ASSN MEMBERSHIP - DOMINGO, N		95.00	18
CALIFORNIA WATER SERVICE CO	22069		514.79		
UTILITIES		11142017 10/14-11/13/17 SCPS WATER SERVICE		514.79	18
CARBON ACTIVATED CORP.	22070		10,537.20		
MACHINERY AND EQUIP MAINT MATE		41073 QTY 8800 ACTIVATED CARBON COCONUT SHELL MESH PAC		9,187.20	18
		41073 QTY 8800 ACTIVATED CARBON COCONUT SHELL MESH PAC		1,350.00	18
CASCADE INTEGRATION & DEVELOPM	22071		540.00		
PROFESSIONAL SERVICES		1370 8/2017 QTY 4 REMOTE SCADA SUPPORT, NATE OLSON		540.00	18
CDW GOVERNMENT, INC.	22072		5,190.00		
SUPPLIES		KPZ5990 QTY 2 MICROSOFT SOFTWARE FOR COGSDALE HOSTING		5,190.00	18
COGSDALE CORPORATION	22073		18,500.00		
CONST.-ADMIN. & LEGAL		CT0003917 MS027-FIS ANALYSIS WORKSHOPS & OVERVIEW TRAI		18,500.00	20
COVELLO GROUP INC., THE	22074		16,562.50		
CONSTRUCTION-CONTRACTOR		201303446 8/17 T.O.2013-02 CONSTRUCTION MGMT-CONSTRUCT		16,562.50	20

11/18/17-12/1/17

7C-5

SILICON VALLEY CLEAN WATER
WARRANT REGISTER
12/01/17

PAGE 10043

NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
CPI INTERNATIONAL INC SUPPLIES	22075	20035087 LAB SUPPLIES	54.36	54.36	18
D.W. NICHOLSON CORPORATION CONSTRUCTION-CONTRACTOR	22076	4POM10856 10/17 PRG PMT#4 PUMP STATION VALVE REPLACEME 4POM10856 10/17 PRG PMT#4 PUMP STATION VALVE REPLACEME	40,216.59	20,108.29 20,108.30	14 14
DAVID J POWERS AND ASSOCIATES, CONSTRUCTION-DESIGN CONSTRUCTION-CONTRACTOR CONSTRUCTION-DESIGN	22077	2017013 9/17 T.O.2017-01 PHASE 1 CONSTRUCTION MONITORI 2017013 9/17 T.O.2017-01 PHASE 1 CONSTRUCTION MONITORI 20150222 9/17 T.O.2015-02 PROGRAM EIR PREPARATION 20150222 9/17 T.O.2015-02 PROGRAM EIR PREPARATION 20150222 9/17 T.O.2015-02 PROGRAM EIR PREPARATION 20150222 9/17 T.O.2015-02 PROGRAM EIR PREPARATION 20150222 9/17 T.O.2015-02 PROGRAM EIR PREPARATION 20150222 9/17 T.O.2015-02 PROGRAM EIR PREPARATION 20150222 9/17 T.O.2015-02 PROGRAM EIR PREPARATION 20150222 9/17 T.O.2015-02 PROGRAM EIR PREPARATION 20150222 9/17 T.O.2015-02 PROGRAM EIR PREPARATION 20150222 9/17 T.O.2015-02 PROGRAM EIR PREPARATION 20150222 9/17 T.O.2015-02 PROGRAM EIR PREPARATION	3,195.02	785.00 785.00 89.38 893.76 195.00 65.00 89.38 32.48 32.50 97.50 113.77 16.25	20 20 20 20 20 20 20 20 20 20 20 20
DIVERSIFIED PROTECTION SYSTEMS MACH & EQUIP MAINT SERVICES	22078	47621 9/17-11/17 CENTRAL STATION MONITORING	159.00	159.00	18
DMJ GAS MARKETING CONSULTANTS, UTILITIES	22079	20170110 10/17 COGEN GAS	4,147.52	4,147.52	18
ERS INDUSTRIAL SERVICES, INC. CONSTRUCTION-CONTRACTOR MACHINERY AND EQUIP MAINT MATE	22080	20POM10604 10/17 PRG PMT#20 PRIMARY SEDIMENTATION TANK 20POM10604 10/17 PRG PMT#20 PRIMARY SEDIMENTATION TANK 99880 CARBON REMOVAL SERVICE	227,409.89	111,540.94 111,540.95 4,328.00	20 20 18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
FASTENAL COMPANY SUPPLIES	22081	CASAA55861 VENDOR MANAGED RESTOCK	1,029.33	1,029.33	18
FED EX SUPPLIES	22082	599664217 10/11-11/6/17 FED EX CHARGES	158.37	24.66	18
		599664217 10/11-11/6/17 FED EX CHARGES		24.66	18
		599664217 10/11-11/6/17 FED EX CHARGES		24.66	18
		599664217 10/11-11/6/17 FED EX CHARGES		24.66	18
		599664217 10/11-11/6/17 FED EX CHARGES		17.22	18
		599664217 10/11-11/6/17 FED EX CHARGES		14.41	18
		599664217 10/11-11/6/17 FED EX CHARGES		11.26	18
		599664217 10/11-11/6/17 FED EX CHARGES		16.84	18
FISHER SCIENTIFIC COMPANY, LLC SUPPLIES	22083	7498310 LAB SUPPLIES	59.84	59.84	18
FITZGERALD LAW OFFICES CONST.-ADMIN. & LEGAL	22084	12012017 10/17 PROF LEGAL SVCS-63" FM RELIABILITY IMPR	10,355.10	6,720.00	20
		12012017B REIM-10/17 PROF LEGAL SVCS-63"FM RELIAB IMPR		181.20	20
PROFESSIONAL SERVICES		12012017C 10/17 GENERAL LEGAL SERVICES		3,334.50	18
		12012017D REIM-10/17 GENERAL LEGAL SERVICE EXPENSES		119.40	18
FIVESKY CONTRACT SERV. (NON-MAINT.)	22085	FSUSIN6671 DRUVA PHOENIX ENTERPRISE RENEWAL 11/9/16-11	23,490.00	23,490.00	18
FRANK A. OLSEN CO. CAPITAL	22086	239049 QTY 1 30" DEZURIK BAW BUTTERFLY VALVE CAST IRON	16,571.22	16,571.22	14

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
GRAINGER	22087		5,316.23		
MISCELLANEOUS		9607298206 RESTOCK ITEMS		274.26	18
MACHINERY AND EQUIP MAINT MATE		9607298214 RESTOCK ITEMS		34.54	18
		9607298214 RESTOCK ITEMS		17.31	18
		9607298214 RESTOCK ITEMS		69.09	18
		9607298214 RESTOCK ITEMS		34.63	18
SUPPLIES		9607628964 RESTOCK ITEMS		80.65	18
		9607628964 RESTOCK ITEMS		72.56	18
MACHINERY AND EQUIP MAINT MATE		9607628964 RESTOCK ITEMS		164.56	18
		9607628964 RESTOCK ITEMS		63.29	18
		9609029179 RESTOCK ITEMS		2,895.36	18
		9609573705 RESTOCK ITEMS		201.62	18
		9614414994 RESTOCK ITEMS		43.59	18
MISCELLANEOUS		9614414994 RESTOCK ITEMS		20.81	18
SUPPLIES		9614414994 RESTOCK ITEMS		15.12	18
MACHINERY AND EQUIP MAINT MATE		9614414994 RESTOCK ITEMS		449.35	18
MISCELLANEOUS		9614414994 RESTOCK ITEMS		506.51	18
		9615119766 RESTOCK ITEMS		65.34	18
		9615119766 RESTOCK ITEMS		96.68	18
SMALL TOOLS		9615119766 RESTOCK ITEMS		119.44	18
MACHINERY AND EQUIP MAINT MATE		9615119774 RESTOCK ITEMS		91.52	18
HANSON BRIDGETT LLP	22088		35,914.00		
CONST.-ADMIN. & LEGAL		1201064 9/17 T.O.2017-02 LEGAL SVCS-PUBLIC WORKS CONTR		8,260.22	20
		1201064 9/17 T.O.2017-02 LEGAL SVCS-PUBLIC WORKS CONTR		8,260.22	20
		1201064 9/17 T.O.2017-02 LEGAL SVCS-PUBLIC WORKS CONTR		8,260.22	20
		1201064 9/17 T.O.2017-02 LEGAL SVCS-PUBLIC WORKS CONTR		8,260.22	20
PROFESSIONAL SERVICES		1201064 9/17 T.O.2017-02 LEGAL SVCS-PUBLIC WORKS CONTR		2,873.12	18
HARRINGTON INDUST PLASTICS	22089		284.65		
MISCELLANEOUS		3L5691 CREDIT MEMO ON INV 3L5088		-2,105.86	18
		3L5088 PLUMBING SUPPLIES		2,390.51	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
HILTI, INC.	22090		732.43		
SMALL TOOLS		4610541751 VARIOUS NUTS & BOLTS		732.43	18
INTERSTATE ALL BATTERY CENTER	22091		86.12		
MACHINERY AND EQUIP MAINT MATE		25944876 QTY 4 3.6V 2000MAH NICD BATTERIES		86.12	18
JENTECH SERVICES	22092		6,550.32		
MACH & EQUIP MAINT SERVICES		2242 11/13-11/22/17 INSTRUMENT CALIBRATION		4,590.00	18
		2242 11/13-11/22/17 INSTRUMENT CALIBRATION		1,960.32	18
JHS CONSULTING, LLC	22093		11,289.62		
CONTRUCTION-DESIGN		2017025 10/17 T.O.2017-02 SRF & PERMITTING SUPPORT SVC		11,289.62	20
KARLA'S JANITORIAL SERVICE	22094		20,100.00		
CONTRACT SERV. (NON-MAINT.)		1990 JANITORIAL SERVICES		6,700.00	18
		2016 JANITORIAL SERVICES		6,700.00	18
		2034 JANITORIAL SERVICES		6,700.00	18
KELLER INDUSTRIES INC	22095		3,800.82		
MACHINERY AND EQUIP MAINT MATE		16036A QTY 1 MACHINED SEWER TUBE DELRIN INSERT MODIFIC		125.06	18
MACH & EQUIP MAINT SERVICES		16036B QTY 1 MACHINED FLANGE ADAPTING PLATE		1,337.63	18
MISCELLANEOUS		16169 QTY 3 SHAFT, CORNER SWEEP SPRING RETENTION, SEC		1,395.31	18
		16169 QTY 3 SHAFT, CORNER SWEEP SPRING RETENTION, SEC		725.32	18
MACH & EQUIP MAINT SERVICES		16172 QTY 16 WHEEL, CORNER SWEEP, SEC CLARIFIER THICKE		217.50	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
KENNEDY/JENKS CONSULTANTS, INC	22096		58,840.38		
CONSTRUCTION-DESIGN		115217 7/29-8/25/17 T.O.2015-04 TUNNEL SUPPORT SVCS FO		6,244.04	20
		115219 7/29-8/25/17 T.O.2016-07 GRAV SEWER-SRF PROJ PL		346.50	20
		115221 THRU 8/25/17 T.O.2017-05 GRAV PIPELINE ADMIN SU		1,832.67	20
		115221 THRU 8/25/17 T.O.2017-05 GRAV PIPELINE ADMIN SU		264.17	20
		115221 THRU 8/25/17 T.O.2017-05 GRAV PIPELINE ADMIN SU		225.66	20
		115221 THRU 8/25/17 T.O.2017-05 GRAV PIPELINE ADMIN SU		198.11	20
		115221 THRU 8/25/17 T.O.2017-05 GRAV PIPELINE ADMIN SU		335.71	20
		115221 THRU 8/25/17 T.O.2017-05 GRAV PIPELINE ADMIN SU		2,647.18	20
		115604 1/28-8/25/17 T.O.2016-08 GRAV SEWER CONSTRUCT A		1,837.00	20
		115605 7/29-8/25/17 T.O.2016-11 PROG DESIGN BUILD PROC		44,909.34	20
LEIGHTON STONE CORPORATION	22097		230.95		
MISCELLANEOUS		1166289 QTY 3 ASHCROFT STAINLESS FILLED		156.97	18
MACHINERY AND EQUIP MAINT MATE		1166289 QTY 3 ASHCROFT STAINLESS FILLED		73.98	18
LIEBERT CASSIDY WHITMORE	22098		939.80		
PROFESSIONAL SERVICES		1450094 THRU 10/31/17 Q GREEN INVESTIGATION ADVICE		939.80	18
LINKO TECHNOLOGY INC.	22099		4,420.00		
MACH & EQUIP MAINT SERVICES		5229 11/1/17-10/31/18 ANNUAL SOFTWARE MAINTENANCE & SU		4,420.00	18
MCMMASTER-CARR SUPPLY CO.	22100		115.62		
SUPPLIES		50323488 QTY 4 ADA-COMPLIANT SIGNS RESTROOM MEN AND WO		115.62	18
METRO MOBILE COMMUNICATIONS	22101		390.19		
MACHINERY AND EQUIP MAINT MATE		39902 QTY 5 REMOTE SPEAKER MICROPHONE FOR CP2000		15.00	18
MISCELLANEOUS		39902 QTY 5 REMOTE SPEAKER MICROPHONE FOR CP2000		375.19	18
MISCO WATER	22102		1,339,113.00		
CONSTRUCTION-CONTRACTOR		12185PABR 10/17/17 75% UPON RECEIPT OF EQUIP. INSTALL		1,339,113.00	20

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
MOTION INDUSTRIES INC.	22103		479.08		
MACHINERY AND EQUIP MAINT MATE		CA24021004 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		157.19	18
		CA24021323 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		23.41	18
MISCELLANEOUS		CA24021439 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		22.19	18
MACHINERY AND EQUIP MAINT MATE		CA24021439 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		44.33	18
MISCELLANEOUS		CA24021439 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		155.75	18
MACHINERY AND EQUIP MAINT MATE		CA24021439 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		10.94	18
MISCELLANEOUS		CA24021439 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		10.94	18
MACHINERY AND EQUIP MAINT MATE		CA24021470 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		54.33	18
NAT-MAR INC.	22104		1,631.25		
SUPPLIES		18613247 11/29/17 L BRUEMMER'S RETIREMENT PARTY LUNCHE		1,631.25	18
NEWARK ELEMENT14	22105		466.01		
MISCELLANEOUS		29623840 QTY 3 ROTARY SWITCH FOR EATON 10250T SERIES		328.50	18
MACHINERY AND EQUIP MAINT MATE		29624669 QTY 5 LITHIUM BATTERIES 3V		137.51	18
OFFICE DEPOT	22106		1,144.85		
OFFICE SUPPLIES		966557083001 OFFICE SUPPLIES		121.88	18
SUPPLIES		966557083001 OFFICE SUPPLIES		590.11	18
CONST.-ADMIN. & LEGAL		970042612001 OFFICE SUPPLIES		68.57	20
		972796219001 OFFICE SUPPLIES		182.15	20
		972796219001 OFFICE SUPPLIES		61.93	20
		972796219001 OFFICE SUPPLIES		61.93	20
		972796219001 OFFICE SUPPLIES		58.28	20
OGASAWARA LANDSCAPE MAINTENANC	22107		2,050.00		
CONTRACT SERV. (NON-MAINT.)		24439 10/17 LANDSCAPING SERVICE		2,050.00	18
OPENING TECHNOLOGIES, INC.	22108		5,827.06		
SUPPLIES		1711112 QTY 2 ELECTRIFIED CONCEALED VERTICAL ROD		5,827.06	18

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PACIFIC GAS AND ELECTRIC COMPA UTILITIES	22109		26,128.31		
		111320172370 10/14-11/13/17 PLANT GAS		5,773.52	18
		1031201703894 9/26-10/24/17 RCPS LYNGSO		23.23	18
		1031201743834 9/26-10/24/17 RCPS ELECTRIC		10,321.84	18
		1103201765919 9/30-10/31/17 PLANT GEG GAS		1,045.93	18
		1115201724970 10/11-11/8/17 GREENDALE ELECTRIC & GAS		620.53	18
		1117201719225 10/13-11/13/17 SCPS ELECTRIC		4,867.74	18
		1117201788673 10/14-11/13/17 BLPS ELECTRIC		2,866.04	18
		1117201790892 10/14-11/13/17 1406 GAS & ELECTRIC		609.48	18
PALO ALTO ELECTRIC MOTOR CORP. MACH & EQUIP MAINT SERVICES	22110		6,091.49		
		RI4975 LABOR AND PARTS FOR AC MOTOR REPAIR		6,091.49	18
PENINSULA SECURITY SERVICES MACH & EQUIP MAINT SERVICES	22111		875.08		
		54923 OCT-DEC 2017 FIRE INSPECTION		465.00	18
		55378 10/30/17 ON SITE INSPECTION AND REPAIR SMOKE DET		410.08	18
R & B COMPANY MACHINERY AND EQUIP MAINT MATE MISCELLANEOUS MACHINERY AND EQUIP MAINT MATE	22112		2,018.86		
		S1664592004 PLUMBING SUPPLIES		126.75	18
		S1690589002 FREIGHT ONLY ON INV S1690589001 PO30655		61.32	18
		S1678102003A PLUMBING SUPPLIES		1,241.96	18
		S1664592005 FREIGHT CHARGE ONLY ON INV S1664592.005		31.68	18
		S1678102.003 PLUMBING SUPPLIES		277.16	18
		S1694355001 PLUMBING SUPPLIES		279.99	18
R.E.P. NUT N BOLT GUY MACHINERY AND EQUIP MAINT MATE	22113		691.99		
		28431 VARIOUS NUTS & BOLTS		202.28	18
		28510 VARIOUS NUTS & BOLTS		489.71	18
RED WING SHOE STORE SUPPLIES	22114		475.31		
		152125638 11/6/17 SAFETY SHOES - BRUEMMER, BRIAN		260.00	18
		84132972 11/9/17 SAFETY SHOES - WONG, RAYMOND		215.31	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
REDWOOD CITY, CITY OF - FINANC PROFESSIONAL SERVICES	22115	BR46294 10/17 ACCOUNTING SERVICES	11,498.16	11,498.16	18
REDWOOD CITY, CITY OF - WATER UTILITIES	22116	1028201706774 9/28-10/28/17 RCPS WATER SERVICE	416.77	81.94	18
		1028201719903 9/28-10/28/17 1406 WATER, SEWER, GARBAGE		238.83	18
		1028201719929 9/28-10/28/17 1406 FIRE SERVICE		96.00	18
ROYAL WHOLESALE ELECTRIC MACHINERY AND EQUIP MAINT MATE	22117	7003654951 VARIOUS CONDUIT PARTS	1,099.24	310.07	18
		7003654951 VARIOUS CONDUIT PARTS		161.56	18
MISCELLANEOUS		7003655512 VARIOUS CONDUIT PARTS		272.61	18
MACHINERY AND EQUIP MAINT MATE		7003655512 VARIOUS CONDUIT PARTS		126.62	18
		7003655931 VARIOUS CONDUIT PARTS		228.38	18
SAFETY COMPLIANCE MANAGEMENT I TRAINING	22118	8543 11/1/17 TRAINING - FORKLIFT OPERATIONS	795.00	795.00	18
SALVATIERRA, ENRIQUE CONF. & TRAV.	22119	12012017 REIM-9/25-9/29/17 TRAVEL EXPENSES-33RD ANN. T	296.65	296.65	18
SANDUL, DUANE CONSTRUCTION-DESIGN	22120	21B 10/17 T.O.2016-01 CONVEYANCE SYSTEM PROGRAM	2,204.00	132.24	20
		21B 10/17 T.O.2016-01 CONVEYANCE SYSTEM PROGRAM		121.22	20
		21B 10/17 T.O.2016-01 CONVEYANCE SYSTEM PROGRAM		44.08	20
		21B 10/17 T.O.2016-01 CONVEYANCE SYSTEM PROGRAM		264.48	20
		21B 10/17 T.O.2016-01 CONVEYANCE SYSTEM PROGRAM		22.04	20
		21B 10/17 T.O.2016-01 CONVEYANCE SYSTEM PROGRAM		154.28	20
		21B 10/17 T.O.2016-01 CONVEYANCE SYSTEM PROGRAM		88.16	20
		21B 10/17 T.O.2016-01 CONVEYANCE SYSTEM PROGRAM		121.22	20
		21B 10/17 T.O.2016-01 CONVEYANCE SYSTEM PROGRAM		44.08	20
		21B 10/17 T.O.2016-01 CONVEYANCE SYSTEM PROGRAM		1,212.20	20

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SIERRA RESEARCH INC	22121		684.98		
CONSTRUCTION-DESIGN		1170081 9/28-10/26/17 PROF SVCS-INCL. INITIAL DISC. W/		684.98	20
SOUTH BAY CRANE AND RIGGING	22122		1,260.00		
MACH & EQUIP MAINT SERVICES		10635 SERVICE - REPLACE 2 MUFFLERS		1,260.00	18
STATE WATER RESOURCES CONTROL	22123		490.00		
TRAINING		11162017HAMAMOTO SWRCB MONTE HAMAMOTO RENEAL CERT#7538		340.00	18
		11212017KEMP SWRCB JAMES R KEMP RENEAL CERT#7950		150.00	18
SUSTAINABLE SILICON VALLEY	22124		5,500.00		
MEMB. & MEET.		1621 GOLD LEVEL SPONSORSHIP & 2017 BUSINESS MEMBERSHIP		5,500.00	18
SYNAGRO TECHNOLOGIES INC	22125		22,713.18		
CONTRACT SERV. (NON-MAINT.)		3103084 10/17 BIOSOLIDS HAULING		22,713.18	18
TANNER PACIFIC, INC.	22126		168,315.76		
CONSTRUCTION-DESIGN		217096 11/5-11/18/17 T.O.2017-07 CONSTRUCTION MGMT - V		151,249.76	20
CONSTRUCTION-CONSTRUCTION MGMT		217097 11/5-11/18/17 T.O.2017-08 STAGE 1 GRAVITY PIPEL		3,374.00	20
		217098 11/5-11/18/17 T.O.2017-09 12KV EMERGENCY VAULT		13,692.00	20
TELEPACIFIC COMMUNICATIONS	22127		623.24		
UTILITIES		969779480 11/9-12/8/17 TELEPACIFIC SERVICES		155.81	18
		969779480 11/9-12/8/17 TELEPACIFIC SERVICES		155.81	18
		969779480 11/9-12/8/17 TELEPACIFIC SERVICES		155.81	18
		969779480 11/9-12/8/17 TELEPACIFIC SERVICES		155.81	18
THATCHER COMPANY OF CALIFORNIA	22128		12,427.13		
CHEMICAL SUPPLIES		246342 10/13/17 42100 LB TRIOXYN		7,371.18	18
		246626 11/8/17 47080 LB FERRIC CHLORIDE		5,055.95	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
THOMAS FISH CO. SUPPLIES	22129	22165 QTY 110 RAINBOW TROUT FISHES	126.00	126.00	18
UNIVAR USA INC. CHEMICAL SUPPLIES	22130	SJ849196 11/9/17 3048 GAL SOD HYPO SJ849836 11/14/17 3509 GAL SOD HYPO SJ850912 11/20/17 4339.04 GAL SOD BISULFITE SJ850965 11/17/17 3998 GAL SOD HYPO	11,735.86	1,617.57 1,862.22 6,134.33 2,121.74	18 18 18 18
US POSTAL SERVICE (POSTAGE-BY- OFFICE SUPPLIES	22131	12012017 POSTAGE REFILL-A/C 18400358	350.00	350.00	18
USA BLUE BOOK MACHINERY AND EQUIP MAINT MATE	22132	421056 QTY 2 STRAIGHT CENTRIFUGAL PUMP	2,716.09	2,716.09	18
VERIZON WIRELESS UTILITIES	22133	9796578687 10/20-11/19/17 VERIZON SERVICE	76.02	76.02	18
VWR INTERNATIONAL, LLC SUPPLIES MISCELLANEOUS	22134	8080412010 LAB SUPPLIES 8080451025 LAB SUPPLIES 8080544356 LAB SUPPLIES	471.16	221.30 21.48 228.38	18 18 18
WATER ENVIRONMENT RESEARCH FOU MEMB. & MEET.	22135	20003870181 2018 SUBSCRIBER DUES FOR WERF	5,814.00	5,814.00	18
WATER HEATERS ONLY MACH & EQUIP MAINT SERVICES	22136	86445 11/16/17 HOT WATER HEATER SERVICE CALL	359.00	359.00	18

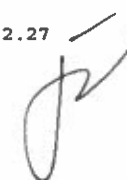
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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
WELLS FARGO-COMML OPERATIONS INTEREST EXPENSES	22137		6,867.43		
		1711676605 LOC# 7829596836 11/17 INTEREST FEE-LINE OF		648.97	20
		1711676605 LOC# 7829596836 11/17 INTEREST FEE-LINE OF		3,335.51	20
		1711676605 LOC# 7829596836 11/17 INTEREST FEE-LINE OF		1,843.22	20
		1711676605 LOC# 7829596836 11/17 INTEREST FEE-LINE OF		1,039.73	20
WRA ENVIRONMENTAL CONSULTANTS CONTRUCTION-DESIGN	22138		4,796.65		
		201711630786 9/17 T.O.2015-03 BIOLOGICAL&PERMIT SVCS -		347.03	20
		201711630786 9/17 T.O.2015-03 BIOLOGICAL&PERMIT SVCS -		347.03	20
		201711630786 9/17 T.O.2015-03 BIOLOGICAL&PERMIT SVCS -		347.03	20
		201711630786 9/17 T.O.2015-03 BIOLOGICAL&PERMIT SVCS -		347.03	20
		201711630786 9/17 T.O.2015-03 BIOLOGICAL&PERMIT SVCS -		347.03	20
		201712130337 7/17 T.O.2017-01 FEASIBILITY INVESTIGATIO		2,858.25	20
		201712130788 9/17 T.O.2017-01 FEASIBILITY INVESTITATIO		203.25	20
XEROX CORPORATION RENTAL/LEASES	22139		3,578.34		
		91154713 11/17 XEROX LEASE		473.31	18
		91154714 11/17 XEROX LEASE		276.32	18
		91154715 11/17 XEROX LEASE		325.57	18
		91154716 11/17 XEROX LEASE		248.91	18
		91154717 11/17 XEROX LEASE		697.00	18
		91154718 11/17 XEROX LEASE		1,162.16	18
		91154719 11/17 XEROX LEASE		395.07	18

TOTAL

\$2,304,982.27



SVCW WARRANT REGISTER

SVCW Warrant Register dated November 30, 2017 for Retiree Health. A scanned copy was e-mailed to Commissioners on November 29, 2017.

11-30-17

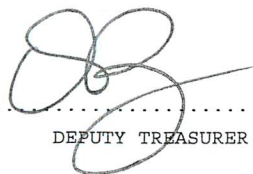
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NAME	FUND	AMOUNT
RETIREE HEALTH INSUR. FD.	12	22,847.17
TOTAL FOR APPROVAL		\$22,847.17

THIS IS TO CERTIFY THAT THE CLAIMS LISTED ON PAGES NUMBERED FROM 10035 THROUGH 10039 INCLUSIVE, AND/OR CLAIMS NUMBERED FROM 22018 THROUGH 22054 INCLUSIVE, TOTALING IN THE AMOUNT OF \$22,847.17, 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,


.....
DEPUTY TREASURER

11/20/17
.....
DATE


11/27/2017

11/30/17 (Retiree Health)

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SILICON VALLEY CLEAN WATER
WARRANT REGISTER
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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
CHANDLER, DAVE	22018		1,338.78		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		1,338.78	12
FLAHERTY, LISA M.	22019		788.74		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		788.74	12
LEACH, PRESTON L.	22020		172.48		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
REEVES, DENNIS D.	22021		472.96		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
SCHIECHL, WARREN	22022		196.21		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		196.21	12
WALSH, WALTER	22023		196.21		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		196.21	12
WIDGER, RICHARD	22024		1,338.78		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		1,338.78	12
BAKER, ANDREW	22025		1,223.22		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		1,223.22	12
BEWLEY, JAMES B.	22026		472.96		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
BOVE, LEONARD F.	22027		605.39		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		605.39	12
BUENROSTRO, BENJAMIN	22028		1,338.78		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		1,338.78	12

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
BUSCH, JOSEPH A.	22029		172.48		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
CHAPMAN, ROBERT G	22030		905.87		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		905.87	12
DIAZ, CLARA L.	22031		261.76		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		261.76	12
DONALDSON, ROBERT M.	22032		605.39		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		605.39	12
FAZIO, MICHAEL	22033		172.48		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
FORD, LARENCE	22034		472.96		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
GERKE, FRED	22035		605.39		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		605.39	12
GROSSO, LORNA	22036		172.48		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
HALL, DAVID A.	22037		1,778.81		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		1,778.81	12
HERNANDEZ, JOHN M.	22038		472.96		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
JONES, REGGIE H.	22039		196.21		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		196.21	12

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
KAUFMAN, KENNETH J	22040		172.48		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
KELLY, DIANE L.	22041		579.26		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		579.26	12
KERTZ, FELIX J.	22042		172.48		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
KLOKKE, KARL W.	22043		579.26		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		579.26	12
MA, PO KUI	22044		472.96		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
MURRAY, GENE RODGER	22045		901.24		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		901.24	12
POSCH, MICHAEL A.	22046		472.96		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
REYES, CESAR V.	22047		472.96		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
SMITH, JULIE	22048		1,338.78		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		1,338.78	12
SMITH, RAYMOND C.	22049		520.42		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		520.42	12
STORMS, VERNON GARY	22050		772.02		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		772.02	12

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
SUTER, KATHERINE J.	22051		472.96		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
TAYLOR, TERRY M.	22052		905.87		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		905.87	12
VON SEEBACH, NANCY	22053		579.26		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		579.26	12
WOODSTOCK, CRAIG M.	22054		472.96		
RETIREE MEDICAL PAYMENTS		1217 12/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
TOTAL				\$22,847.17	

SVCW WARRANT REGISTER

SVCW Warrant Register for the period covering October 21, 2017 to November 3, 2017.
A scanned copy was e-mailed to Commissioners on November 3, 2017.

11-03-17

SILICON VALLEY CLEAN WATER
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FUND RECAP

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NAME	FUND	AMOUNT
CAPITAL IMPROVEMENT FUND	14	509,212.74
OPERATION	18	213,064.39
PLANT - CIP BOND	20	964,884.02
TOTAL FOR APPROVAL		\$1,687,161.15

THIS IS TO CERTIFY THAT THE CLAIMS LISTED ON PAGES NUMBERED FROM 9997 THROUGH 10013 INCLUSIVE, AND/OR CLAIMS NUMBERED FROM 21819 THROUGH 21908 INCLUSIVE, TOTALING IN THE AMOUNT OF \$1,687,161.15, 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,


.....
DEPUTY TREASURER

10/2/17
DATE



10/21/17-11/3/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
AKELA, ARVIND	21819		300.00		
MEMB. & MEET.		11032017 REIM-10/16/17 CEM LICENSE RENEWAL		300.00	18
ALHAMBRA & SIERRA SPRINGS	21820		90.20		
SUPPLIES		5056091100117 BOTTLED WATER SERVICE		90.20	18
ALL FENCE COMPANY, INC	21821		2,980.00		
CONSTRUCTION-CONTRACTOR		67366 CHAIN LINK DOUBLE GATE FOR CONTRACT ACCESS FENCE		2,980.00	20
ALPHA ANALYTICAL LABORATORIES	21822		1,325.00		
CONTRACT SERV. (NON-MAINT.)		7102604RPSVCW PLANT PERMIT LAB ANALYSIS		255.00	18
		7103327RPSVCW PLANT PERMIT LAB ANALYSIS		255.00	18
		7103331RPWVCW RWC LAB ANALYSIS		85.00	18
		7103347RPSVCW PLANT PROCESS LAB ANALYSIS		215.00	18
		7103348RPSVCW WBSD LAB ANALYSIS		85.00	18
		7103349RPSVCW WBSD LAB ANALYSIS		205.00	18
		7103519RPSVCW RWC LAB ANALYSIS		85.00	18
		7103540RPSVCW PLANT PERMIT LAB ANALYSIS		70.00	18
		7103541RPSVCW PLANT PERMIT LAB ANALYSIS		70.00	18
ANALYSTS, INC.	21823		554.40		
MACH & EQUIP MAINT SERVICES		M1763759 LAB ANALYSIS		160.50	18
		M1764617 LAB ANALYSIS		393.90	18
ANDERSON, MATT	21824		109.64		
TRAINING		11032017 REIM-9/25-9/27/17 TRAVEL EXPENSE - BOND BUYER		109.64	18
BAY ALARM COMPANY	21825		131.42		
CONTRACT SERV. (NON-MAINT.)		14411029 10/13/17 UL CERTIFICATE 1406 RADIO RD		127.23	18
		14470667 10/15/17 BURGLAR MONITORING LATE FEE		4.19	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
BEECHER ENGINEERING	21826		5,412.00		
CONSTRUCTION-DESIGN		91750 9/5-9/24/17 T.O.2016-07 ELECT ENG CONSULT SVCS-P		5,412.00	20
BROWNING FERRIS INDUSTRIES OF	21827		20.32		
CONTRACT SERV. (NON-MAINT.)		4227000048461 9/30/17 ADMINISTRATIVE FEE		10.16	18
		4227000048594 10/15/17 ADMINISTRATIVE FEE		10.16	18
BUCKLES SMITH ELECTRIC COMPANY	21828		55,411.69		
TRAINING		304645600 VARIOUS ELECTRICAL PARTS		2,590.00	18
CONSTRUCTION-CONTRACTOR		305842100 VARIOUS ELECTRICAL PARTS		5,116.12	20
		305842100 VARIOUS ELECTRICAL PARTS		348.83	20
		305842100 VARIOUS ELECTRICAL PARTS		412.25	20
		305842100 VARIOUS ELECTRICAL PARTS		83.52	20
		305842100 VARIOUS ELECTRICAL PARTS		168.26	20
		305842100 VARIOUS ELECTRICAL PARTS		135.83	20
		305842100 VARIOUS ELECTRICAL PARTS		1,395.30	20
		305842100 VARIOUS ELECTRICAL PARTS		658.89	20
		305842100 VARIOUS ELECTRICAL PARTS		4,281.05	20
		305897700 VARIOUS ELECTRICAL PARTS		1,048.24	20
		305897700 VARIOUS ELECTRICAL PARTS		650.09	20
		305897700 VARIOUS ELECTRICAL PARTS		728.48	20
		305897700 VARIOUS ELECTRICAL PARTS		3,276.86	20
		305897700 VARIOUS ELECTRICAL PARTS		10,447.18	20
		305897700 VARIOUS ELECTRICAL PARTS		14,358.26	20
		305897700 VARIOUS ELECTRICAL PARTS		163.84	20
		305897701 VARIOUS ELECTRICAL PARTS		9,548.69	20

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
C.W.E.A. - SCVS MEMB. & MEET.	21829		595.00		
		10182017 8/2017 CWEA DINNER MEETING		35.00	18
		10182017 8/2017 CWEA DINNER MEETING		70.00	18
		10182017 8/2017 CWEA DINNER MEETING		70.00	18
		10182017 8/2017 CWEA DINNER MEETING		70.00	18
		10182017 8/2017 CWEA DINNER MEETING		105.00	18
		11012017 10/2017 CWEA DINNER MEETING		35.00	18
		11012017 10/2017 CWEA DINNER MEETING		35.00	18
		11012017 10/2017 CWEA DINNER MEETING		70.00	18
		11012017 10/2017 CWEA DINNER MEETING		70.00	18
		11012017 10/2017 CWEA DINNER MEETING		35.00	18
CALIFORNIA DETAILERS, INC. MACH & EQUIP MAINT SERVICES	21830		550.00		
		45164 9/30/17 FLEET VEHICLE ON-SITE WASH		275.00	18
		45239 10/16/17 FLEET VEHICLE ON-SITE WASH		275.00	18
CALIFORNIA WATER SERVICE CO UTILITIES	21831		450.51		
		10162017 9/15-10/13/17 SCPS WATER SERVICE		450.51	18
CALTEST ANALYTICAL LABORATORY CONTRACT SERV. (NON-MAINT.)	21832		894.60		
		578024 NPDES PERMIT LAB ANALYSIS		58.50	18
		578450 NPDES PERMIT LAB ANALYSIS		836.10	18
CDM SMITH INC. CONSTRUCTION-DESIGN	21833		46,317.23		
		90006877 7/31-12/3/16 T.O.2016-04 WWTP HEADWORKS&SCREE		39,556.88	20
		90011857B 1/1-1/28/17 T.O.2016-04 WWTP HEADWORKS&SCREE		6,760.35	20
CDW GOVERNMENT, INC. SUPPLIES	21834		1,571.84		
		KLW3234 QTY 3 KEN SECURE BACK CARRY CASE F/AIR		260.31	18
		KNR7294 QTY 3 FUJITSU SCANSNAP IX500 25PPM 600DPI SCAN		1,311.53	18

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SILICON VALLEY CLEAN WATER
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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
CINTAS CORPORATION NO. 3	21835		1,745.74		
SUPPLIES		464813682 10/24/17 LAUNDRY SERVICE		888.06	18
		464816540 10/31/17 LAUNDRY SERVICE		857.68	18
COLE-PARMER INSTRUMENT CO LLC	21836		124.42		
SUPPLIES		1285094 QTY 1 BOTTLES, AMBER HDPE 500ML 12/PK		124.42	18
D.W. NICHOLSON CORPORATION	21837		325,906.40		
CONSTRUCTION-CONTRACTOR		3POM10856 9/17 PRG PMT#3 PUMP STATION VALVE REPLACEMEN		162,953.20	14
		3POM10856 9/17 PRG PMT#3 PUMP STATION VALVE REPLACEMEN		162,953.20	14
EAGLE ENVIRONMENTAL CONTSTRUCT	21838		6,250.00		
MACHINERY AND EQUIP MAINT MATE		1389 SERVICES TO CLEAN UP SUSPECT ASBESTOS CONTAINING		6,250.00	18
ENDRESS+HAUSER, INC	21839		2,035.09		
MACHINERY AND EQUIP MAINT MATE		6001917257 QTY 2 WATERPILOT FMX21		2,035.09	18
ERS INDUSTRIAL SERVICES, INC.	21840		483,158.13		
CONSTRUCTION-CONTRACTOR		19POM10604 9/17 PRG PMT#19 PRIMARY SEDIMENTATION TANK		191,746.33	20
		19POM10604 9/17 PRG PMT#19 PRIMARY SEDIMENTATION TANK		191,746.33	20
		RETRPOM10468 10/19/17 RETENTION RELEASE-DUAL MEDIA F		99,665.47	20
FASTENAL COMPANY	21841		6,409.50		
SUPPLIES		CASAA54856 VENDOR MANAGED RESTOCK		3,668.46	18
		CASAA54861 VENDOR MANAGED RESTOCK		754.00	18
		CASAA55004 VENDOR MANAGED RESTOCK		831.38	18
		CASAA55217 VENDOR MANAGED RESTOCK		1,155.66	18
FED EX	21842		99.70		
SUPPLIES		596699092 10/20/17 FEDEX CHARGES		99.70	18

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SILICON VALLEY CLEAN WATER
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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
FERGUSON ENTERPRISES INC	21843		5,942.00		
MACHINERY AND EQUIP MAINT MATE		5581803 QTY 3 REPLACEMENT CIRCUIT BOARDS		2,044.40	18
		5581803 QTY 3 REPLACEMENT CIRCUIT BOARDS		1,948.80	18
MISCELLANEOUS		5581803 QTY 3 REPLACEMENT CIRCUIT BOARDS		1,948.80	18
FISHER SCIENTIFIC COMPANY, LLC	21844		1,025.24		
SUPPLIES		5896982 LAB SUPPLIES		41.64	18
		6040475 LAB SUPPLIES		983.60	18
FRANK A. OLSEN CO.	21845		1,998.43		
CONSTRUCTION-CONTRACTOR		238872 QTY 1 CLA-VALVES, QTY 1 CLA-VALVES FLOAT CONTRO		1,998.43	20
FULLY INC	21846		1,754.14		
SUPPLIES		INV06800 QTY 2 JARVIS TOPS LAMINATE AND FRAMES		1,754.14	18
GOVINVEST	21847		5,500.00		
PROFESSIONAL SERVICES		1235 PENSION FORECASTING TOOL		5,500.00	18

SILICON VALLEY CLEAN WATER
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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
GRAINGER	21848		5,932.84		
MACHINERY AND EQUIP MAINT MATE		9579728370 RESTOCK ITEMS		106.92	18
SUPPLIES		9579728370 RESTOCK ITEMS		229.12	18
MACHINERY AND EQUIP MAINT MATE		9581375236 RESTOCK ITEMS		90.61	18
		9581375244 RESTOCK ITEMS		135.21	18
		9581375244 RESTOCK ITEMS		176.18	18
		9581375244 RESTOCK ITEMS		54.72	18
		9581375244 RESTOCK ITEMS		305.15	18
		9581375244 RESTOCK ITEMS		145.16	18
		9581375244 RESTOCK ITEMS		263.28	18
		9581375244 RESTOCK ITEMS		46.33	18
		9581873669 RESTOCK ITEMS		1,507.06	18
MISCELLANEOUS		9585438469 RESTOCK ITEMS		28.79	18
		9585438469 RESTOCK ITEMS		69.95	18
SUPPLIES		9585438477 RESTOCK ITEMS		3.12	18
SMALL TOOLS		9587690794 RESTOCK ITEMS		202.53	18
		9587690794 RESTOCK ITEMS		37.50	18
		9587690794 RESTOCK ITEMS		102.40	18
OFFICE SUPPLIES		9587690802 RESTOCK ITEMS		92.96	18
SUPPLIES		9587690828 RESTOCK ITEMS		185.72	18
SMALL TOOLS		9587690828 RESTOCK ITEMS		177.13	18
		9587690828 RESTOCK ITEMS		94.83	18
		9587690828 RESTOCK ITEMS		50.90	18
OFFICE SUPPLIES		9587690828 RESTOCK ITEMS		2.66	18
		9587690828 RESTOCK ITEMS		19.99	18
MACHINERY AND EQUIP MAINT MATE		9588728734 RESTOCK ITEMS		30.48	18
		9588728742 RESTOCK ITEMS		790.09	18
MISCELLANEOUS		9588728742 RESTOCK ITEMS		790.09	18
MACHINERY AND EQUIP MAINT MATE		9592951835 RESTOCK ITEMS		193.96	18
GRISWOLD INDUSTRIES	21849		435.39		
MACH & EQUIP MAINT SERVICES		725286 8/11/2017 SERVICE ON CHILLER #3		435.39	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
HACH COMPANY	21850		2,898.99		
CONF. & TRAV.		10624543 QTY 1 STANDARD WIMS CONFERENCE REGISTRATION-D		1,400.00	18
		10624544 QTY 1 STANDARD WIMS CONFERENCE REGISTRATION-D		1,400.00	18
MACHINERY AND EQUIP MAINT MATE		10672288 QTY 3 CABLE ASSEMBLIES 1720E LAMP TO CKT BD		81.20	18
		10672288 QTY 3 CABLE ASSEMBLIES 1720E LAMP TO CKT BD		17.79	18
HANSEN, ERIC	21851		45.00		
CONF. & TRAV.		11032017 REIM-9/17 CELL PHONE EXPENSE		45.00	18
HANSON BRIDGETT LLP	21852		32,865.00		
CONST.-ADMIN. & LEGAL		1199172 8/17 T.O.2017-02 PUBLIC WORKS CONTRACTING&INFR		7,558.95	20
		1199172 8/17 T.O.2017-02 PUBLIC WORKS CONTRACTING&INFR		7,558.95	20
		1199172 8/17 T.O.2017-02 PUBLIC WORKS CONTRACTING&INFR		7,558.95	20
		1199172 8/17 T.O.2017-02 PUBLIC WORKS CONTRACTING&INFR		7,558.95	20
PROFESSIONAL SERVICES		1199172 8/17 T.O.2017-02 PUBLIC WORKS CONTRACTING&INFR		2,629.20	18
HERC RENTALS INC.	21853		4,046.11		
CONSTRUCTION-CONTRACTOR		29557270001 9/19/17-9/25/17 RENTAL EQUIPMENT-PUMP SUBM		3,620.70	20
		29557270001 9/19/17-9/25/17 RENTAL EQUIPMENT-PUMP SUBM		425.41	20
HUI, CYNTHIA	21854		1,057.54		
CONF. & TRAV.		11032017 REIM-10/22-10/25/17 TRAVEL EXPENSE-CALPERS ED		1,057.54	18
INDUSTRIAL SAFETY SUPPLY CORPO	21855		231.37		
MISCELLANEOUS		1052968 SAFETY PRODUCTS		231.37	18
INTUITIVE TACTICAL CONSULTING	21856		10,470.17		
SMALL TOOLS		1004 IT SUPPORT SERVICE - AEROHIVE NETWORKS INC SUPPOR		6,420.17	18
PROFESSIONAL SERVICES		1005 9/17-10/17 IT SUPPORT SERVICES		4,050.00	18

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WARRANT REGISTER
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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
JENTECH SERVICES	21857		5,883.60		
MACH & EQUIP MAINT SERVICES		REISS2240 REISS CK#21729 DTD 10/20/17 9/15-9/27/17 INS		1,701.60	18
		REISS2240 REISS CK#21729 DTD 10/20/17 9/15-9/27/17 INS		816.00	18
		REISS2240 REISS CK#21729 DTD 10/20/17 9/15-9/27/17 INS		3,366.00	18
KELLER CANYON LANDFILL CO.	21858		806.36		
CONTRACT SERV. (NON-MAINT.)		4212000026331 9/16/17 SEWER GRIT SCR N DRYING BED HAULI		742.46	18
		4212000026331 9/16/17 SEWER GRIT SCR N DRYING BED HAULI		16.25	18
		4212000026331 9/16/17 SEWER GRIT SCR N DRYING BED HAULI		44.40	18
		4212000026331 9/16/17 SEWER GRIT SCR N DRYING BED HAULI		3.25	18
KEN GRADY COMPANY, INC	21859		3,567.74		
MACHINERY AND EQUIP MAINT MATE		1735A QTY 6 EA ATI PUMP HEAD, PUMP LABEL; QTY 4 ATI CH		1,711.82	18
		1735A QTY 6 EA ATI PUMP HEAD, PUMP LABEL; QTY 4 ATI CH		65.25	18
		1735A QTY 6 EA ATI PUMP HEAD, PUMP LABEL; QTY 4 ATI CH		26.10	18
		1735A QTY 6 EA ATI PUMP HEAD, PUMP LABEL; QTY 4 ATI CH		10.88	18
		1748A QTY 4 ATI PUMP		1,753.69	18
KIEWIT INFRASTRUCTURE WEST CO.	21860		50,000.00		
CONST.-ADMIN. & LEGAL		9100284539 STIPEND FOR GRAVITY PIPELINE PROPOSAL PROJE		50,000.00	20
KUMAR, RAJNESH	21861		290.64		
TRAINING		11032017 REIM-10/17-10/19/17 TRAVEL EXPENSE-FCI PRODUC		290.64	18
LEE, DAVID	21862		75.97		
CONF. & TRAV.		11032017 REIM-10/25/17 MILEAGE EXPENSE - CWEA NORTHERN		75.97	18
LIEBERT CASSIDY WHITMORE	21863		16,692.98		
PROFESSIONAL SERVICES		1448414 THRU 9/30/17 D.A. HALL MGMT PAY PERS APPEAL		16,692.98	18
LOSTICA, JAMES	21864		168.82		
TRAINING		11032017 REIM-10/17-10/19/17 TRAVEL EXPENSE-FCI TRAINI		168.82	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
M-I-C, INC	21865		8,355.22		
MACHINERY AND EQUIP MAINT MATE		3323 QTY 2 VEREC-BIOGAS FOR PRESSURE/VACUUM RELIEF VAL		146.05	18
		3323 QTY 2 VEREC-BIOGAS FOR PRESSURE/VACUUM RELIEF VAL		3,276.59	18
		3323 QTY 2 VEREC-BIOGAS FOR PRESSURE/VACUUM RELIEF VAL		771.26	18
MISCELLANEOUS		3323 QTY 2 VEREC-BIOGAS FOR PRESSURE/VACUUM RELIEF VAL		146.05	18
		3323 QTY 2 VEREC-BIOGAS FOR PRESSURE/VACUUM RELIEF VAL		3,244.01	18
		3323 QTY 2 VEREC-BIOGAS FOR PRESSURE/VACUUM RELIEF VAL		771.26	18
MARINA MECHANICAL	21866		3,682.48		
MACH & EQUIP MAINT SERVICES		88607 9/7/17 MAINTENANCE LABOR & PARTS		38.89	18
		88607 9/7/17 MAINTENANCE LABOR & PARTS		10.00	18
		89490 10/2/17 MAINTENANCE LABOR & PARTS		1,235.99	18
		89490 10/2/17 MAINTENANCE LABOR & PARTS		1,203.83	18
		89490 10/2/17 MAINTENANCE LABOR & PARTS		65.00	18
		89490 10/2/17 MAINTENANCE LABOR & PARTS		10.88	18
		89719 10/4/17 MAINTENANCE LABOR & PARTS		65.00	18
		89719 10/4/17 MAINTENANCE LABOR & PARTS		386.25	18
		89719 10/4/17 MAINTENANCE LABOR & PARTS		666.64	18
MCCLURE, KEITH	21867		3,862.57		
CONTRUCTION-DESIGN		11032017 REIM-8/31-9/1/17 TRAVEL EXPENSE - OCSD TOUR		218.32	20
		11032017 REIM-8/31-9/1/17 TRAVEL EXPENSE - OCSD TOUR		218.32	20
		11032017 REIM-8/31-9/1/17 TRAVEL EXPENSE - OCSD TOUR		218.31	20
		11032017B REIM-9/12-9/14/17 TRAVEL EXPENSE-FOP WASHING		533.02	20
		11032017B REIM-9/12-9/14/17 TRAVEL EXPENSE-FOP WASHING		533.02	20
		11032017B REIM-9/12-9/14/17 TRAVEL EXPENSE-FOP WASHING		533.01	20
TRAINING		11032017C REIM-9/24-9/27/17 TRAVEL EXPENSE-ADV LEADERS		740.75	18
CONTRUCTION-DESIGN		11032017D REIM-9/7-9/8/17 TRAVEL EXPENSE-FOP SEATTLE,		184.12	20
		11032017D REIM-9/7-9/8/17 TRAVEL EXPENSE-FOP SEATTLE,		184.12	20
		11032017D REIM-9/7-9/8/17 TRAVEL EXPENSE-FOP SEATTLE,		184.12	20
CONF. & TRAV.		11032017E REIM-9/6/17 LODGING & MEAL EXPENSE - SHUTDOW		139.57	18
SUPPLIES		11032017F REIM-10/13/17 SAFETY SHOES		175.89	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
METRO MOBILE COMMUNICATIONS	21868		2,586.46		
MISCELLANEOUS		39781 QTY 4 PORTABLE RADIOS		2,170.65	18
MACH & EQUIP MAINT SERVICES		39781 QTY 4 PORTABLE RADIOS		80.00	18
ADMINISTRATIVE EXPENSES		39781 QTY 4 PORTABLE RADIOS		15.00	18
MISCELLANEOUS		39781 QTY 4 PORTABLE RADIOS		320.81	18
MID-PENINSULA WATER DISTRICT	21869		299.27		
UTILITIES		930201762000 9/1-9/30/17 BLPS WATER SERVICE		299.27	18
MISCO WATER	21870		91,000.00		
CAPITAL		12207PABR QTY 1 EATON VFD PANEL PHASE 1 BASIN 3		91,000.00	14
MOTION INDUSTRIES INC.	21871		484.73		
MACHINERY AND EQUIP MAINT MATE		CA24019340 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		194.94	18
		CA24019592 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		47.65	18
MISCELLANEOUS		CA24019592 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		37.67	18
		CA24019958 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		171.56	18
		CA24019958 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		32.91	18
MSC INDUSTRIAL SUPPLY CO. INC	21872		680.21		
MISCELLANEOUS		67527918 QTY 4 HI PSA GAUGE REG LARGE GENERAL PURP		510.16	18
MACHINERY AND EQUIP MAINT MATE		67527918 QTY 4 HI PSA GAUGE REG LARGE GENERAL PURP		170.05	18
NAVIA BENEFIT SOLUTIONS	21873		186.10		
ADMINISTRATIVE EXPENSES		10108224 10/2017 PARTICIPANT FEE		186.10	18
OBAYASHI CORPORATION	21874		50,000.00		
CONST.-ADMIN. & LEGAL		1001 STIPEND FOR GRAVITY PIPELINE PROPOSAL PROJECT 600		50,000.00	20

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
PACE SUPPLY CORP	21875		96.46		
SUPPLIES		94088798 PLUMBING SUPPLIES		81.82	18
MACHINERY AND EQUIP MAINT MATE		94170559 PLUMBING SUPPLIES		6.07	18
		94170559 PLUMBING SUPPLIES		8.57	18
PACIFIC GAS AND ELECTRIC COMPA	21876		22,061.33		
UTILITIES		76798081 9/17 DEPARTING LOAD		12,223.60	18
		1018201724970 9/12-10/10/17 GREENDALE GAS & ELEC		951.16	18
		1019201719225 9/14-10/12/17 SCPS ELECTRIC		5,676.48	18
		1019201788673 9/15-10/13/17 BLPS ELECTRIC		2,681.19	18
		1019201790892 9/15-10/13/17 1406 PLANT GAS & ELECTRIC		528.90	18
PALO ALTO ELECTRIC MOTOR CORP.	21877		7,334.09		
MACH & EQUIP MAINT SERVICES		RI4895 LABOR AND PARTS FOR AC MOTOR REPAIR		7,334.09	18
PENHALL COMPANY	21878		1,355.00		
CONSTRUCTION-CONTRACTOR		2966 7/19/17 CCT COATING-CORE SAMPLE TESTING		1,355.00	20
PENINSULA SECURITY SERVICES	21879		1,008.06		
MACH & EQUIP MAINT SERVICES		55336 10/9/17 ON SITE FIRE INSPECTION SERVICE		190.00	18
		55336 10/9/17 ON SITE FIRE INSPECTION SERVICE		330.00	18
		55336 10/9/17 ON SITE FIRE INSPECTION SERVICE		47.58	18
		55353 10/19/17 ON SITE INSPECTION AND REPAIR SERVICE		440.48	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
PETTY CASH - SILICON VALLEY CL	21880		843.74		
TRAINING		11032017 PETTY CASH DISBURSEMENTS		139.21	18
CONSTRUCTION-DESIGN		11032017 PETTY CASH DISBURSEMENTS		-3.69	20
MEMB. & MEET.		11032017 PETTY CASH DISBURSEMENTS		3.00	18
ADMINISTRATIVE EXPENSES		11032017 PETTY CASH DISBURSEMENTS		40.00	18
SMALL TOOLS		11032017 PETTY CASH DISBURSEMENTS		26.73	18
SUPPLIES		11032017 PETTY CASH DISBURSEMENTS		173.09	18
		11032017 PETTY CASH DISBURSEMENTS		138.07	18
MEMB. & MEET.		11032017 PETTY CASH DISBURSEMENTS		30.00	18
SUPPLIES		11032017 PETTY CASH DISBURSEMENTS		64.06	18
OFFICE SUPPLIES		11032017 PETTY CASH DISBURSEMENTS		28.54	18
TRAINING		11032017 PETTY CASH DISBURSEMENTS		55.56	18
SUPPLIES		11032017 PETTY CASH DISBURSEMENTS		19.55	18
MACH & EQUIP MAINT SERVICES		11032017 PETTY CASH DISBURSEMENTS		14.19	18
SUPPLIES		11032017 PETTY CASH DISBURSEMENTS		12.97	18
		11032017 PETTY CASH DISBURSEMENTS		20.00	18
OFFICE SUPPLIES		11032017 PETTY CASH DISBURSEMENTS		12.01	18
MEMB. & MEET.		11032017 PETTY CASH DISBURSEMENTS		37.45	18
TRAINING		11032017 PETTY CASH DISBURSEMENTS		33.00	18
POLYDYNE, INC.	21881		43,446.71		
CHEMICAL SUPPLIES		1179059 10/12/17 41400 CLARIFLOC C-6265		43,446.71	18
POWELL, THOMAS	21882		251.28		
SUPPLIES		11032017 REIM-10/9/17 SAFETY SHOES		251.28	18
POWER ENGINEERING CONSTRUCTION	21883		121,523.00		
CONSTRUCTION-CONTRACTOR		10POM10615 5/7-8/19/17 PRG PMT#10 BIOFORCE CONCRETE PA		5,660.00	20
		21POM10558 5/1-8/19/17 PRG PMT#21 PLANT EFFLUENT OUTFA		115,863.00	20
PURE TEC INDUSTRIAL WATER	21884		4.68		
MACH & EQUIP MAINT SERVICES		1591087 DI-WATER SYSTEM MAINTENANCE SERVICE FINANCE CH		4.68	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
QUINCY COMPRESSOR LLC	21885		3,144.63		
MISCELLANEOUS		825713 VARIOUS QUINCY FILTERS		431.25	18
		825713 VARIOUS QUINCY FILTERS		1,363.33	18
		825713 VARIOUS QUINCY FILTERS		510.39	18
		825713 VARIOUS QUINCY FILTERS		144.15	18
		846535 VARIOUS QUINCY FILTERS		695.51	18
R & B COMPANY	21886		684.86		
SUPPLIES		S1598396001 PLUMBING SUPPLIES		253.17	18
		S1598396002 CREDIT MEMO ON INV S1598396001		-253.17	18
		S1680331001 PLUMBING SUPPLIES		107.47	18
MISCELLANEOUS		S1679824001 PLUMBING SUPPLIES		41.20	18
SUPPLIES		S1679824001 PLUMBING SUPPLIES		21.90	18
		S1680729001 PLUMBING SUPPLIES		70.31	18
MACHINERY AND EQUIP MAINT MATE		S1688623001 PLUMBING SUPPLIES		443.98	18
R.E.P. NUT N BOLT GUY	21887		459.73		
MACHINERY AND EQUIP MAINT MATE		28430 VARIOUS NUTS & BOLTS		8.16	18
		28430 VARIOUS NUTS & BOLTS		56.01	18
		28430 VARIOUS NUTS & BOLTS		9.22	18
		28430 VARIOUS NUTS & BOLTS		143.55	18
		28430 VARIOUS NUTS & BOLTS		171.83	18
		28430 VARIOUS NUTS & BOLTS		70.96	18
RED WING SHOE STORE	21888		260.00		
SUPPLIES		152124700 10/20/17 SAFETY SHOES-PETER GEORGEADES		260.00	18
REYES, OSCAR	21889		260.00		
SUPPLIES		11032017 REIM-10/13/17 SAFETY SHOES		260.00	18
RODAN BUILDERS, INC	21890		83,864.34		
CONSTRUCTION-CONTRACTOR		1POM10846 7/12-10/31/17 PRG PMT#1 BUILDING OFFICE RECO		83,864.34	14

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
ROYAL WHOLESALE ELECTRIC	21891		297.59		
MACHINERY AND EQUIP MAINT MATE		7003651084 VARIOUS CONDUIT PARTS		39.31	18
		7003651122 VARIOUS CONDUIT PARTS		258.28	18
SAN MATEO COUNTY MOSQUITO AND	21892		694.36		
CONTRACT SERV. (NON-MAINT.)		SM1700126 8/31/17 MOSQUITO AND VECTOR CONTROL		253.21	18
		SM1700136 9/30/17 MOSQUITO AND VECTOR CONTROL		441.15	18
SANDHU, GURPAL	21893		59.29		
TRAINING		11032017 REIM-10/17-10/19/17 TRAVEL EXPENSE - FCI TRAI		59.29	18
SCP SCIENCE	21894		336.90		
SUPPLIES		IN0000211513 LAB SUPPLIES		32.63	18
		IN0000211513 LAB SUPPLIES		75.86	18
		IN0000211513 LAB SUPPLIES		32.63	18
		IN0000211513 LAB SUPPLIES		32.63	18
		IN0000211513 LAB SUPPLIES		32.63	18
		IN0000211513 LAB SUPPLIES		32.63	18
		IN0000211513 LAB SUPPLIES		32.63	18
		IN0000211513 LAB SUPPLIES		32.63	18
		IN0000211513 LAB SUPPLIES		32.63	18
		IN0000211513 LAB SUPPLIES		32.63	18
SHERWIN WILLIAMS COMPANY	21895		279.76		
SUPPLIES		59616 PAINT SUPPLIES		148.93	18
		59616 PAINT SUPPLIES		2.45	18
MACHINERY AND EQUIP MAINT MATE		65019 PAINT SUPPLIES		128.38	18
STEVEN ENGINEERING INC.	21896		852.06		
MACHINERY AND EQUIP MAINT MATE		246273300 VARIOUS PHOENIX PARTS		89.09	18
		246273300 VARIOUS PHOENIX PARTS		274.92	18
		246273300 VARIOUS PHOENIX PARTS		411.49	18
		246273300 VARIOUS PHOENIX PARTS		76.56	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
TANNER PACIFIC, INC.	21897		103,123.91		
CONSTRUCTION-DESIGN		217082 10/8-10/21/17 T.O.2017-07 CONSTRUCTION MGMT VAR		94,681.91	20
CONSTRUCTION-DESIGN		217085 9/24-10/5/17 T.O.2017-04 BUILDING OFFICE RECONF		8,442.00	14
THATCHER COMPANY OF CALIFORNIA	21898		13,130.58		
CHEMICAL SUPPLIES		246193 9/28/17 46920 LB FERRIC CHLORIDE		5,332.18	18
		246241 10/3/17 44540 LB TRIOXYN		7,798.40	18
THE FERGUSON GROUP LLC	21899		5,373.65		
CONSTRUCTION-DESIGN		917563 9/6-9/29/17 PROF CONSULTING SVCS-CIP FIN ASSIST		5,342.00	20
		917563B REIM-7/17-9/16/17 PROF CONSULTING SVCS - PHONE		31.65	20
THOMAS & ASSOCIATES	21900		152.10		
SUPPLIES		29765 QTY 5 SIGHT GAUGE		8.55	18
MACHINERY AND EQUIP MAINT MATE		29765 QTY 5 SIGHT GAUGE		143.55	18
TSUKUSHI, RICHARD	21901		180.00		
MACH & EQUIP MAINT SERVICES		5551 10/8/17 SVCW 1406 BACKFLOW SERVICE		180.00	18
UNITED STATES PLASTIC CORP	21902		72.11		
MISCELLANEOUS		5259955TAX SALES TAX LIABILITY		-5.40	18
SUPPLIES		5259955 QTY 4 3WAY PP BALL VALVE		77.51	18
UNIVAR USA INC.	21903		5,986.45		
CHEMICAL SUPPLIES		SJ8444691 10/13/17 4234.GAL SOD BISULFITE		5,986.45	18
VALLEY OIL COMPANY (VEHICLE FU	21904		605.32		
SUPPLIES		481318 9/12-10/13/17 FUEL CHARGES COMPANY VEHICLES		549.66	18
		481318 9/12-10/13/17 FUEL CHARGES COMPANY VEHICLES		7.08	18
		481318 9/12-10/13/17 FUEL CHARGES COMPANY VEHICLES		48.58	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
VERIZON WIRELESS	21905		86.04		
UTILITIES		9794801055 9/20-10/19/17 VERIZON SERVICE		76.02	18
		9795105913 9/24-10/23/17 VERIZON SERVICE		10.02	18
VWR INTERNATIONAL, LLC	21906		1,886.52		
SUPPLIES		8080200835 LAB SUPPLIES		209.11	18
MISCELLANEOUS		8080204775 LAB SUPPLIES		136.81	18
SUPPLIES		8080204776 LAB SUPPLIES		407.06	18
		8080208261 LAB SUPPLIES		264.02	18
		8080208261 LAB SUPPLIES		250.08	18
		8080214203 LAB SUPPLIES		179.44	18
		8080214203 LAB SUPPLIES		229.33	18
		8080214203 LAB SUPPLIES		171.22	18
		8080297896 LAB SUPPLIES		39.45	18
WELLS FARGO-COMML OPERATIONS	21907		3,130.90		
INTEREST EXPENSES		1711521461 LOC# 7829596836 10/17 INTEREST FEE-LINE OF		840.33	20
		1711521461 LOC# 7829596836 10/17 INTEREST FEE-LINE OF		295.87	20
		1711521461 LOC# 7829596836 10/17 INTEREST FEE-LINE OF		1,520.68	20
		1711521461 LOC# 7829596836 10/17 INTEREST FEE-LINE OF		474.02	20
WEST YOST ASSOCIATES	21908		9,047.50		
CONTRUCTION-DESIGN		2033057 7/1-8/4/17 T.O.2014-03 54" FORCE MAIN REPLACEM		1,345.00	20
		2033256 8/5-9/8/17 T.O.2014-03 54" FORCE MAIN REPLACEM		895.00	20
CONST.-ADMIN. & LEGAL		2033293 8/5-9/8/17 T.O.2016-03 SRF FINANCIAL SERVICES		6,807.50	20
TOTAL				\$1,687,161.15	

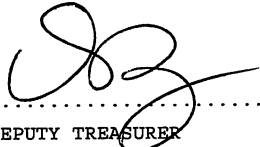
SVCW WARRANT REGISTER

SVCW Warrant Register dated November 1, 2017 for Retiree Health. A scanned copy was e-mailed to Commissioners on November 9, 2017.


NAME	FUND	AMOUNT
RETIREE HEALTH INSUR. FD.	12	22,847.17
TOTAL FOR APPROVAL		\$22,847.17

THIS IS TO CERTIFY THAT THE CLAIMS LISTED ON PAGES NUMBERED FROM 9992 THROUGH 9996 INCLUSIVE, AND/OR CLAIMS NUMBERED FROM 21782 THROUGH 21818 INCLUSIVE, TOTALING IN THE AMOUNT OF \$22,847.17, 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,


.....
DEPUTY TREASURER

10, 26, 17
DATE


11/7/2017

11/1/17 (Retiree Health)

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CHANDLER, DAVE	21782		1,338.78		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		1,338.78	12
FLAHERTY, LISA M.	21783		788.74		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		788.74	12
LEACH, PRESTON L.	21784		172.48		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
REEVES, DENNIS D.	21785		472.96		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
REYES, CESAR V.	21786		472.96		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
SCHIECHL, WARREN	21787		196.21		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		196.21	12
WALSH, WALTER	21788		196.21		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		196.21	12
WIDGER, RICHARD	21789		1,338.78		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		1,338.78	12
BAKER, ANDREW	21790		1,223.22		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		1,223.22	12
BEWLEY, JAMES B.	21791		472.96		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
BOVE, LEONARD F.	21792		605.39		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		605.39	12

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
BUENROSTRO, BENJAMIN	21793		1,338.78		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		1,338.78	12
BUSCH, JOSEPH A.	21794		172.48		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
CHAPMAN, ROBERT G	21795		905.87		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		905.87	12
DIAZ, CLARA L.	21796		261.76		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		261.76	12
DONALDSON, ROBERT M.	21797		605.39		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		605.39	12
FAZIO, MICHAEL	21798		172.48		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
FORD, LARENCE	21799		472.96		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
GERKE, FRED	21800		605.39		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		605.39	12
GROSSO, LORNA	21801		172.48		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
HALL, DAVID A.	21802		1,778.81		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		1,778.81	12
HERNANDEZ, JOHN M.	21803		472.96		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		472.96	12

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
JONES, REGGIE H.	21804		196.21		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		196.21	12
KAUFMAN, KENNETH J	21805		172.48		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
KELLY, DIANE L.	21806		579.26		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		579.26	12
KERTZ, FELIX J.	21807		172.48		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
KLOKKE, KARL W.	21808		579.26		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		579.26	12
MA, PO KUI	21809		472.96		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
MURRAY, GENE RODGER	21810		901.24		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		901.24	12
POSCH, MICHAEL A.	21811		472.96		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
SMITH, JULIE	21812		1,338.78		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		1,338.78	12
SMITH, RAYMOND C.	21813		520.42		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		520.42	12
STORMS, VERNON GARY	21814		772.02		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		772.02	12

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
SUTER, KATHERINE J.	21815		472.96		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
TAYLOR, TERRY M.	21816		905.87		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		905.87	12
VON SEEBACH, NANCY	21817		579.26		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		579.26	12
WOODSTOCK, CRAIG M.	21818		472.96		
RETIREE MEDICAL PAYMENTS		1117 11/17 RETIREE HEALTH PREMIUM REFUND		472.96	12

TOTAL

\$22,847.17



SVCW WARRANT REGISTER

SVCW Warrant Register dated November 17, 2017. A scanned copy was e-mailed to Commissioners on November 9, 2017.

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
AMERICAN COVERS INC. CONSTRUCTION-CONTRACTOR	21909	73826 STORAGE CONTAINER COVERS & TRUSS - 50% DOWN PMT	14,620.08	14,620.08	14
AMERICAN COVERS INC. CONSTRUCTION-CONTRACTOR	21910	73826B STORAGE CONTAINER COVERS, TRUSS, & SHIPPING-50%	12,542.50	12,542.50	14
TOTAL				\$27,162.58	

DB 11/7/17
ml 11/8/2017

11/17/17

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J.L. [Signature] 11-9-17

SVCW WARRANT REGISTER

SVCW Warrant Register for the period covering November 4, 2017 to November 17, 2017. A scanned copy was e-mailed to Commissioners on December 5, 2017.

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FUND RECAP

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NAME	FUND	AMOUNT
RETIREE HEALTH INSUR. PD.	12	35,000.00
CAPITAL IMPROVEMENT FUND	14	54,291.27
OPERATION	18	372,517.91
RECYCLED WATER FUND	19	22,444.70
PLANT - CIP BOND	20	2,641,083.88
TOTAL FOR APPROVAL		\$3,125,337.76

THIS IS TO CERTIFY THAT THE CLAIMS LISTED ON PAGES NUMBERED FROM 10014 THROUGH 10034 INCLUSIVE, AND/OR CLAIMS NUMBERED FROM 21909 THROUGH 22017 INCLUSIVE, TOTALING IN THE AMOUNT OF \$3,125,337.76, 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,


DEPUTY TREASURER

11/16/17
DATE


11/27/2017

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
AMERICAN COVERS INC.	21909		14,620.08		
CONSTRUCTION-CONTRACTOR		73826 STORAGE CONTAINER COVERS & TRUSS - 50% DOWN PMT		14,620.08	14
AMERICAN COVERS INC.	21910		12,542.50		
CONSTRUCTION-CONTRACTOR		73826B STORAGE CONTAINER COVERS, TRUSS, & SHIPPING-50%		12,542.50	14
ACCURATE AIR ENGINEERING, INC.	21911		735.66		
MACHINERY AND EQUIP MAINT MATE		L070544 QTY 2 FILTER ELEMENT		408.68	18
		L070544 QTY 2 FILTER ELEMENT		326.98	18
ACE AMERICAN INSURANCE COMPANY	21912		150.00		
CONST.-ADMIN. & LEGAL		1127603 THRU 10/1/17 REIM FOR W/C		150.00	20
AIRGAS USA, LLC	21913		292.47		
SUPPLIES		9948421797 9/17 CYLINDER RENTAL GASES		42.00	18
		9948421797 9/17 CYLINDER RENTAL GASES		243.00	18
		9948421797 9/17 CYLINDER RENTAL GASES		7.47	18
ALEJOS, SYLVIA	21914		266.25		
CONST.-ADMIN. & LEGAL		11172017 REIM-10/16-10/19/17 MEETING REFRESHMENTS-GP R		126.25	20
		11172017B REIM-11/1-11/3/17 OFFICE EQUIPMENT FOR GRAV		140.00	20

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
ALPHA ANALYTICAL LABORATORIES	21915		2,052.50		
CONTRACT SERV. (NON-MAINT.)		7083657RPSVCW SAN CARLOS LAB ANALYSIS		155.00	18
		7083758RPSVCW RWC LAB ANALYSIS		155.00	18
		7102589RPSVCW PLANT PROCESS LAB ANALYSIS		792.50	18
		7103536RPSVCW PLANT PERMIT LAB ANALYSIS		5.00	18
		7103916RPSVCW PLANT PROCESS LAB ANALYSIS		215.00	18
		7104035RPSVCW PLANT PERMIT LAB ANALYSIS		70.00	18
		7104036RPSVCW PLANT PERMIT LAB ANALYSIS		70.00	18
		7104157RPSVCW PLANT PERMIT LAB ANALYSIS		70.00	18
		7104158RPSVCW PLANT PERMIT LAB ANALYSIS		70.00	18
		7104167RPSVCW PLANT PERMIT LAB ANALYSIS		70.00	18
		7111155RPSVCW RWC LAB ANALYSIS		380.00	18
AMERICAN COVERS INC.	21916		13,392.50		
MISCELLANEOUS		73827TAX SALES TAX LIABILITY		-1,876.88	14
CONSTRUCTION-CONTRACTOR		73827 STORAGE CONTAINER COVERS, TRUSS & SHIPPING REMAI		15,269.38	14
ANALYSTS, INC.	21917		67.10		
MACH & EQUIP MAINT SERVICES		M1765353 LAB ANALYSIS		67.10	18
APEX LIFE SCIENCES, LLC	21918		8,041.26		
CONTRACT SERV. (NON-MAINT.)		LAB550370368 W/E 9/30/17 LAB TEMPORARY STAFF WORKER -		1,400.00	18
		LAB550370369 W/E 10/7/17 LAB TEMPORARY STAFF WORKER -		1,400.00	18
		LAB550372690 W/E 10/14/17 LAB TEMPORARY STAFF WORKER -		1,400.00	18
		LAB550374941 W/E 10/21/17 LAB TEMPORARY STAFF WORKER -		1,426.25	18
		LAB550377190 W/E 10/28/17 LAB TEMPORARY STAFF WORKER -		1,413.13	18
		LAB550379507 W/E 11/4/17 LAB TEMPORARY STAFF WORKER -		1,001.88	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
AT&T	21919		330.66		
UTILITIES		1107201701511 11/7-12/6/17 AT&T SERVICES MPPS		66.89	18
		1107201715339 11/7-12/6/17 AT&T SERVICES RWCPS		98.44	18
		1107201724836 11/7-12/6/17 AT&T SERVICES SCPS		98.44	18
		1107201796059 11/7-12/6/17 AT&T SERVICES BLPS		66.89	18
ATMOSPHERIC ANALYSIS & CONSULT	21920		1,820.00		
CONTRACT SERV. (NON-MAINT.)		A17458 ANALYSIS & REPORTING-SILOXANES & SULFUR COMPOUN		1,820.00	18
B & B MICROSCOPE SERVICE & REP	21921		575.00		
MACH & EQUIP MAINT SERVICES		101901 LAB PREVENTIVE MAINTENANCE TO OLYMPUS INSTRUMEN		575.00	18
BAY RUBBER COMPANY	21922		3,137.47		
MISCELLANEOUS		18187200 PLUMBING SUPPLIES		105.82	18
		18187200 PLUMBING SUPPLIES		87.66	18
		18187200 PLUMBING SUPPLIES		1,893.27	18
		18216800 PLUMBING SUPPLIES		1,050.72	18
BIG JOE HANDLING SYSTEMS	21923		374.34		
MACH & EQUIP MAINT SERVICES		461437 SCHEDULED MTN OF LIFT TRUCK		374.34	18
BROWN, BRENT M.	21924		340.00		
TRAINING		11172017 REIM-11/6/17 CERTIFICATION RENEWAL EXP-SWRCB		340.00	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
BUCKLES SMITH ELECTRIC COMPANY	21925		12,047.02		
PROFESSIONAL SERVICES		303211701 PROFESSIONAL SERVICES FOR ROCKWELL INSTRUMEN		2,153.01	18
		303946401 LABOR AND MATERIALS FOR CUSTOMER SUPPORT ROC		409.54	18
		303946401A LABOR AND MATERIALS FOR CUSTOMER SUPPORT RO		5,260.00	18
CONSTRUCTION-CONTRACTOR		304874206 QTY 6 CONVERSION CABLE MODULES		195.56	20
		305842101 VARIOUS ELECTRICAL PARTS		652.72	20
		305842101 VARIOUS ELECTRICAL PARTS		217.58	20
		305842101 VARIOUS ELECTRICAL PARTS		375.25	20
		305842101 VARIOUS ELECTRICAL PARTS		439.56	20
		305842102 VARIOUS ELECTRICAL PARTS		1,317.79	20
		305897702 VARIOUS ELECTRICAL PARTS		325.93	20
MACHINERY AND EQUIP MAINT MATE		306113600 VARIOUS ELECTRICAL PARTS		700.08	18
C.W.E.A.	21926		180.00		
MEMB. & MEET.		9052017ID000049524I CWEA ASSN MEMBERSHIP-CHIEN, HENRY		180.00	18
CA ASSOCIATION OF SANITATION A	21927		19,282.00		
MEMB. & MEET.		2048 AGENCY MEMBERSHIP RENEWAL THRU 12/31/2018		19,282.00	18
CAL-STEAM	21928		247.27		
MACHINERY AND EQUIP MAINT MATE		3044661 PLUMBING SUPPLIES		145.51	18
		3044661 PLUMBING SUPPLIES		74.28	18
		3044661 PLUMBING SUPPLIES		27.48	18
CALIFORNIA DETAILERS, INC.	21929		275.00		
MACH & EQUIP MAINT SERVICES		45320 10/30/17 FLEET VEHICLE ON-SITE WASH		275.00	18
CALIFORNIA ENVIRONMENTAL DEWAT	21930		22,444.70		
CHEMICAL SUPPLIES		1356 10/17/17 45000 CED 1004 POLYMER		21,532.50	19
		1356 10/17/17 45000 CED 1004 POLYMER		912.20	19

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
CALPERS - FISCAL SERVICES DIVI	21931		35,000.00		
RETIREE MEDICAL PAYMENTS		11172017 11/17 PREFUNDING OPEB		35,000.00	12
CALPICO, INC.	21932		568.97		
MACHINERY AND EQUIP MAINT MATE		136043 QTY 6 8" VITON FF 1/8" 150#		568.97	18
CALTEST ANALYTICAL LABORATORY	21933		58.50		
CONTRACT SERV. (NON-MAINT.)		578589 NUTRIENT PERMIT LAB ANALYSIS		58.50	18
CDW GOVERNMENT, INC.	21934		3,071.34		
SUPPLIES		KQP2023 QTY 10 DELL 24" MONITORS, QTY 2 LOGI COMBO, QT		106.58	18
		KQP2023 QTY 10 DELL 24" MONITORS, QTY 2 LOGI COMBO, QT		228.38	18
		KQP2023 QTY 10 DELL 24" MONITORS, QTY 2 LOGI COMBO, QT		99.00	18
		KQP2023 QTY 10 DELL 24" MONITORS, QTY 2 LOGI COMBO, QT		60.00	18
		KQP2023 QTY 10 DELL 24" MONITORS, QTY 2 LOGI COMBO, QT		2,577.38	18
CINTAS CORPORATION NO. 3	21935		857.68		
SUPPLIES		464819405 11/7/17 LAUNDRY SERVICE		857.68	18
COGSDALE CORPORATION	21936		18,544.27		
CONST.-ADMIN. & LEGAL		CT0003896 PROJECT MANAGEMENT SERVICES/PROJ KICKOFF		13,450.00	20
		XT0002291 9/27-10/4/17 ONSITE VISIT S SATYENDRAKUMAR		5,094.27	20
COLLABORATIVE STRATEGIES CONSU	21937		7,927.50		
CONTRUCTION-DESIGN		6702SV1117 10/7-11/3/17 T.O.2017-02 LANDSCAPE WETLANDS		892.50	20
		20501SV1117 10/6-11/3/17 T.O.2017-01 PROPERTY ACQUISIT		1,260.00	20
		21601SV1017 9/9-10/6/17 T.O.2016-01 BELMONT FORCE MAIN		1,207.50	20
		21606SV1117 10/7-11/3/17 T.O.2016-06 MPPS REHABILITATI		4,567.50	20
COUNTY OF SAN MATEO - AIRPORT	21938		97,300.00		
CONST.-ADMIN. & LEGAL		11172017 12/17 PERMIT#5384-LEASE FMT SAN CARLOS AIRPOR		97,300.00	20

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
COUNTY OF SAN MATEO	21939		85.00		
TRAINING		SD17005 9/20/17 TRAINING - DAN MILLS BUILDING EFFECTIV		85.00	18
DE GUZMAN, MANUEL	21940		3,000.00		
MISCELLANEOUS		11172017 COMPUTER LOAN PER ADMIN POLICY#1987-03, EE TO		3,000.00	18
DIXON-FLICK, JENNIFER	21941		536.70		
CONF. & TRAV.		11172017 REIM-10/23-10/25/17 TRAVEL EXPENSES - CALPERS		536.70	18
DKF SOLUTIONS GROUP, LLC	21942		450.00		
CONTRACT SERV. (NON-MAINT.)		13564 11/2017 MY SAFETY OFFICER-MONTHLY SUBSCRIPTION F		450.00	18
DNS STRATEGIC PARTNERS, LLC	21943		35,200.00		
CONTRUCTION-DESIGN		17200103 10/17 T.O.2017-01 PROFESSIONAL CONSULTING SVC		35,200.00	20
ELOGGER INC.	21944		12,032.40		
SUPPLIES		2078 IT SERVICES - OFFLINE MODULE 60 USERS		6,200.00	18
		2079 IT SERVICES ANNUAL RENEWAL 10/1/17-9/30/18		5,832.40	18
ENDRESS+HAUSER, INC	21945		1,644.76		
MACHINERY AND EQUIP MAINT MATE		6001920444 QTY 6 KIT DISPLAY PROTEC		1,108.17	18
MISCELLANEOUS		6001920444 QTY 6 KIT DISPLAY PROTEC		536.59	18
ENVIRONMENTAL LOGISTICS, INC	21946		6,872.98		
MISCELLANEOUS		71164N 10/24/17 DISPOSAL HAZARDOUS WASTE		6,872.98	18
ENVIRONMENTAL RESOURCE ASSOCIA	21947		890.55		
SUPPLIES		845297 LAB SUPPLIES, CHEMICALS		890.55	18
EPPENDORF NORTH AMERICA	21948		828.07		
SMALL TOOLS		4000722331 QTY 2 RESEARCH PLUS G 1-10ML TURQUOISE		828.07	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
ERS INDUSTRIAL SERVICES, INC.	21949		12,558.52		
CONSTRUCTION-CONTRACTOR		2POM10874 9/1-9/30/17 PRG PMT#2 FOG, HOT WATER & SLUDG		12,558.52	20
EXCELL FEEDERS INC	21950		148.05		
MISCELLANEOUS		11409TAX SALES TAX LIABILITY		-10.85	18
MACHINERY AND EQUIP MAINT MATE		11409 QTY 1 STRAINER POLYMER PP 1.25"		158.90	18
FASTENAL COMPANY	21951		5,901.72		
MACHINERY AND EQUIP MAINT MATE		CASAA55388 VENDOR MANAGED RESTOCK		288.58	18
SUPPLIES		CASAA55559 VENDOR MANAGED RESTOCK		1,765.47	18
		CASAA55592 VENDOR MANAGED RESTOCK		1,502.96	18
MACHINERY AND EQUIP MAINT MATE		CASAA55769 VENDOR MANAGED RESTOCK		120.68	18
		CASAA55770 VENDOR MANAGED RESTOCK		193.30	18
MISCELLANEOUS		CASAA55770 VENDOR MANAGED RESTOCK		29.29	18
		CASAA55770 VENDOR MANAGED RESTOCK		384.79	18
		CASAA55770 VENDOR MANAGED RESTOCK		217.94	18
		CASAA55770 VENDOR MANAGED RESTOCK		367.00	18
		CASAA55814 VENDOR MANAGED RESTOCK		731.71	18
SUPPLIES		MN019160029 VENDOR MANAGED RESTOCK FAST PROGRAM FEE VE		300.00	18
FENTON, CHARLES	21952		63,242.74		
CONSTRUCTION-DESIGN		78 7/31-8/25/17 SERVICES INSIDE CA		19,305.00	20
		79 8/28-9/22/17 SERVICES INSIDE CA		26,055.00	20
		78B 7/31-8/25/17 SERVICES OUTSIDE CA		4,320.00	20
		78C REIM-7/31-8/25/17 TRAVEL EXPENSES		5,438.87	20
MISCELLANEOUS		78D 7% NONRESIDENT WITHHOLDING		-1,351.35	20
CONSTRUCTION-DESIGN		79B 8/28-9/22/17 SERVICES OUTSIDE CA		4,455.00	20
		79C REIM-8/28-9/22/17 TRAVE EXPENSES		6,844.07	20
MISCELLANEOUS		79D 7% NONRESIDENT WITHHOLDING		-1,823.85	20

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
FIELDMAN, ROLAPP & ASSOCIATES	21953		7,103.45		
CONST.-ADMIN. & LEGAL		23525 9/1-9/15/17 LONG RANGE FINANCIAL PLAN		6,357.50	20
		23525B REIM-9/1-9/15/17 TRAVEL EXPENSE LONG RANGE FINA		745.95	20
FINTA ENTERPRISES, INC	21954		1,296.81		
CONTRACT SERV. (NON-MAINT.)		54921 10/11/17 GRIT HAULING		1,258.75	18
		54921 10/11/17 GRIT HAULING		38.06	18
FISHER SCIENTIFIC COMPANY, LLC	21955		203.39		
SUPPLIES		6122270 LAB SUPPLIES		203.39	18
FRANK A. OLSEN CO.	21956		6,638.24		
CONSTRUCTION-CONTRACTOR		238947 PLUMBING SUPPLIES		6,638.24	20
FREYER & LAURETA, INC	21957		8,342.50		
CONSTRUCTION-DESIGN		17596 9/17 T.O.2017-02 PUMP STATION VALVE REPLACEMENT		4,171.25	14
		17596 9/17 T.O.2017-02 PUMP STATION VALVE REPLACEMENT		4,171.25	14

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GRAINGER	21958		2,965.18		
MACHINERY AND EQUIP MAINT MATE		9591387395 RESTOCK ITEMS		64.31	18
MISCELLANEOUS		9591387395 RESTOCK ITEMS		51.85	18
		9591387395 RESTOCK ITEMS		27.75	18
		9591387395 RESTOCK ITEMS		34.92	18
		9591387395 RESTOCK ITEMS		28.54	18
		9591387395 RESTOCK ITEMS		104.16	18
		9591387395 RESTOCK ITEMS		137.05	18
SUPPLIES		9595135832 RESTOCK ITEMS		750.81	18
MACHINERY AND EQUIP MAINT MATE		9596242140 RESTOCK ITEMS		297.11	18
		9596242140 RESTOCK ITEMS		148.55	18
SUPPLIES		9597193920 RESTOCK ITEMS		107.70	18
		9597193920 RESTOCK ITEMS		12.88	18
		9598613306 RESTOCK ITEMS		65.08	18
MACHINERY AND EQUIP MAINT MATE		9600790944 RESTOCK ITEMS		3.98	18
		9600790944 RESTOCK ITEMS		81.27	18
		9600883111 RESTOCK ITEMS		16.28	18
		9600883111 RESTOCK ITEMS		41.24	18
MISCELLANEOUS		9602078686 RESTOCK ITEMS		31.65	18
		9602078686 RESTOCK ITEMS		282.58	18
MACHINERY AND EQUIP MAINT MATE		9602159528 RESTOCK ITEMS		677.47	18
HACH COMPANY	21959		670.99		
SUPPLIES		10679682 QTY 10 SAMPLE CELL W/CAP		190.86	18
		10679682 QTY 10 SAMPLE CELL W/CAP		30.89	18
MACHINERY AND EQUIP MAINT MATE		10689624 QTY 5 CLOSURE SNAP-TITE		92.39	18
		10689624 QTY 5 CLOSURE SNAP-TITE		17.79	18
SUPPLIES		10702835 QTY 2 SILICONE OIL, QTY 3 RGT SET, TNT NITRAV		27.95	18
		10702835 QTY 2 SILICONE OIL, QTY 3 RGT SET, TNT NITRAV		311.11	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
HARRINGTON INDUST PLASTICS	21960		228.02		
SUPPLIES		3L4863 PLUMBING SUPPLIES		82.66	18
MISCELLANEOUS		3L4864 PLUMBING SUPPLIES		145.36	18
INTERACTIVE HEALTH BENEFITS	21961		487.20		
PROFESSIONAL SERVICES		12657 2017 Q4 IRS REPORTING SEP-DEC 2017 1095C/1094C		487.20	18
INTUITIVE TACTICAL CONSULTING	21962		567.68		
SUPPLIES		1008 IT SUPPORT SERVICES - CISCO HARDWARE		283.84	18
		1009 IT SUPPORT SERVICES - CISCO HARDWARE		283.84	18
JENTECH SERVICES	21963		5,169.60		
MACH & EQUIP MAINT SERVICES		2241 11/2-11/9/17 INSTRUMENT CALIBRATION		3,060.00	18
		2241 11/2-11/9/17 INSTRUMENT CALIBRATION		1,497.60	18
		2241 11/2-11/9/17 INSTRUMENT CALIBRATION		612.00	18
JHS CONSULTING, LLC	21964		5,172.12		
CONSTRUCTION-DESIGN		2017024 9/17 T.O.2017-02 SRF & PERMITTING SUPPORT SVCS		5,172.12	20
KEENAN SUPPLY	21965		378.37		
MISCELLANEOUS		S009792626001 QTY 1 FLUSHSEAL DI CPLG		128.46	18
		S009792626002 QTY 2 FLUSHSEAL DI CPLG		249.91	18
KELLER INDUSTRIES INC	21966		12,832.50		
MISCELLANEOUS		16095 QTY 3 WEAR RING IMPELLER, QTY 3 WEAR RING CASE		1,468.12	18
		16095 QTY 3 WEAR RING IMPELLER, QTY 3 WEAR RING CASE		1,468.13	18
		16144 QTY 11 SEC-CLARIFIER PIN, QTY 16 SEC-CLARIFIER W		1,337.62	18
		16144 QTY 11 SEC-CLARIFIER PIN, QTY 16 SEC-CLARIFIER W		7,743.00	18
		16144 QTY 11 SEC-CLARIFIER PIN, QTY 16 SEC-CLARIFIER W		815.63	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
LIEBERT CASSIDY WHITMORE	21967		16,692.98		
PROFESSIONAL SERVICES		1448415 THRU 9/30/17 APPEAL OF CALPERS DETERMINATION R		1,145.00	18
		1448416 THRU 9/30/17 Q GREEN INVESTIGATION ADVICE		2,904.58	18
		1448414B THRU 9/30/17 D.A. HALL MGMT PAY PERS APPEAL		12,643.40	18
LONG, JESSE	21968		175.68		
SUPPLIES		11172017 REIM-11/1/17 SAFETY SHOES		175.68	18
MARINA MECHANICAL	21969		1,600.98		
MACH & EQUIP MAINT SERVICES		89521 9/27/17 MAINTENANCE LABOR & PARTS		412.64	18
		89521 9/27/17 MAINTENANCE LABOR & PARTS		11.96	18
		89693 9/29/17 MAINTENANCE LABOR & PARTS		528.50	18
		89739 10/6/17 MAINTENANCE LABOR & PARTS		219.50	18
		89752 10/10/17 MAINTENANCE LABOR & PARTS		309.00	18
		89752 10/10/17 MAINTENANCE LABOR & PARTS		65.00	18
		89752 10/10/17 MAINTENANCE LABOR & PARTS		54.38	18
MATTHEW BENDER & CO INC	21970		277.00		
SUPPLIES		97363049 AMERICAN W/ DISABILITIES ACT REALEASE#44		277.00	18
MENLO PARK, CITY OF	21971		303.48		
UTILITIES		10272017 9/21-10/23/17 MPPS WATER SERVICE		303.48	18
MID-PENINSULA WATER DISTRICT	21972		247.25		
UTILITIES		1031201762000 10/17 BLPS WATER SERVICE		247.25	18
MOTION INDUSTRIES INC.	21973		281.08		
MACHINERY AND EQUIP MAINT MATE		CA24019485 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		194.39	18
MISCELLANEOUS		CA24020604 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		52.07	18
		CA24020604 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		23.79	18
SUPPLIES		CA24020604 VARIOUS SIZES HOSE ENDS/STEEL CLAMPS		10.83	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
O.K. LUMBER COMPANY	21974		516.49		
MISCELLANEOUS		442685 PLYWOOD		88.09	18
		442685 PLYWOOD		374.02	18
SUPPLIES		442685 PLYWOOD		54.38	18
OFFICE DEPOT	21975		664.15		
OFFICE SUPPLIES		975908587001 OFFICE SUPPLIES		394.44	18
SUPPLIES		975908587001 OFFICE SUPPLIES		122.40	18
OFFICE SUPPLIES		975910924001 OFFICE SUPPLIES		7.45	18
		977005831001 OFFICE SUPPLIES		127.92	18
SUPPLIES		977005831001 OFFICE SUPPLIES		11.94	18
ONE LINE POWER SYSTEMS, INC.	21976		3,570.68		
MACHINERY AND EQUIP MAINT MATE		6643 QTY 1 UPS POWERWARE RACK, QTY 1 MODULE EXT BATTER		2,764.43	18
		6643 QTY 1 UPS POWERWARE RACK, QTY 1 MODULE EXT BATTER		547.01	18
MACH & EQUIP MAINT SERVICES		6643 QTY 1 UPS POWERWARE RACK, QTY 1 MODULE EXT BATTER		259.24	18
OPENING TECHNOLOGIES, INC.	21977		1,121.75		
SUPPLIES		1711065 QTY 1 5355G-K PROXPRO WALL SWITCH KEYPAD		1,121.75	18
OTIS ELEVATOR COMPANY	21978		3,000.00		
MACH & EQUIP MAINT SERVICES		SJ20447001 8/28/17 TROUBLESHOOTING ELEVATOR		3,000.00	18
PACIFIC GAS AND ELECTRIC COMPA	21979		90,262.20		
UTILITIES		1030201726195 9/23-10/23/17 MPPS ELECTRIC		6,082.25	18
		1030201783066 9/27-10/25/17 PLANT ELECTRIC		84,179.95	18
POWER ENGINEERING CONSTRUCTION	21980		13,412.78		
CONSTRUCTION-CONTRACTOR		1731A01 6/1-9/22/17 SITE GRADING AT DIGESTER		5,983.68	20
		16POM10630 6/10-10/27/17 PRG PMT#16 RWCPS 48" FM EMERG		7,429.10	20

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
QPCS LLC	21981		2,716.58		
SMALL TOOLS		14635 10/26/17 ON SITE TECHNICAL SUPPORT CAMERA SYSTEM		2,716.58	18
R & B COMPANY	21982		4,832.77		
MACHINERY AND EQUIP MAINT MATE		S1664592002 QTY 2 WELDED STEEL 90 IMPORT-WILL BE RETUR		115.58	18
		S1664592003 FREIGHT CHARGE ONLY ON INV S1664592002		37.10	18
		S1664592006 FREIGHT CHARGE ONLY ON INV S1664592001		145.17	18
		S1664592007 CREDIT MEMO ON INV S1664592001 AND S166459		-717.18	18
		S1664592007 CREDIT MEMO ON INV S1664592001 AND S166459		-115.58	18
		S1675930002 FREIGHT CHARGE ONLY ON INV S1675930.001		8.89	18
		S1678102004 CREDIT MEMO ON INV S1678102.001		-486.79	18
MISCELLANEOUS		S1638493001 PLUMBING SUPPLIES		4,485.94	18
		S1690589001 PLUMBING SUPPLIES		1,153.71	18
MACHINERY AND EQUIP MAINT MATE		S1693274001 PLUMBING SUPPLIES		65.25	18
		S1694493001 PLUMBING SUPPLIES		46.91	18
		S1694493001 PLUMBING SUPPLIES		93.77	18
R.E.P. NUT N BOLT GUY	21983		386.28		
MACHINERY AND EQUIP MAINT MATE		28468 VARIOUS NUTS & BOLTS		347.13	18
		28468 VARIOUS NUTS & BOLTS		39.15	18
RED WING SHOE STORE	21984		207.98		
SUPPLIES		2084 9/19/17 SAFETY SHOES - CHEN, THOMAS		207.98	18
REDWOOD CITY, CITY OF - FINANC	21985		1,226.18		
SUPPLIES		BR46098 8/16-9/15/17 FUEL CHARGES		1,226.18	18
REDWOOD CITY, CITY OF - WATER	21986		4,356.81		
UTILITIES		1022201732690 8/22-10/22/17 GREENDALE WATER		832.63	18
		1028201786984 9/28-10/28/17 PLANT WATER/GARBAGE		3,524.18	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
REDWOOD CITY, CITY OF ADMINISTRATIVE EXPENSES	21987	11172017 APPLICATION FOR ADDITIONAL ADDRESS - 1402 RAD	391.00	391.00	18
REDWOOD CITY, CITY OF ADMINISTRATIVE EXPENSES	21988	11172017 APPLICATION FOR ADDRESS CHANGE FROM 1402 TO 1	391.00	391.00	18
REDWOOD PAINTING CO., INC. CONSTRUCTION-CONTRACTOR	21989	2POM10865 9/1-10/15/17 PRG PMT#2 CCT CONCRETE & STEEL	225,289.19	225,289.19	20
REDWOOD SHORES COMMUNITY ASSOC SUPPLIES	21990	11172017 2018 ANNUAL DUES	45.00	45.00	18
ROYAL WHOLESALE ELECTRIC MACHINERY AND EQUIP MAINT MATE	21991	7003647231 VARIOUS CONDUIT PARTS	46.71	46.71	18
RSCA CONST.-ADMIN. & LEGAL	21992	171116 11/1/17 FULL PAGE LEFT INTERIOR COLOR AD	655.00	655.00	20
S & S SUPPLIES AND SOLUTIONS SUPPLIES	21993	S3104389001 QTY 1 GAS ALERT EXTREME WITH CL2 SENSOR	369.75	369.75	18
SANDUL, DUANE PROFESSIONAL SERVICES	21994	10SVCW2017 10/2017 PROFESSIONAL SERVICES	1,700.00	1,700.00	18
SILICON VALLEY CLEAN WATER (RE SUPPLIES	21995	11032017 11/17 COMPENSATION - EMPLOYEE ANNIVERSARY	475.00	225.00	18
		11172017 12/17 COMPENSATION - EMPLOYEE ANNIVERSARY		250.00	18
STERLING & ASSOCIATES INC CONTRACT SERV. (NON-MAINT.)	21996	171009 CEMENT BOARD COLLECTION AND ASBESTOS ANALYSIS	304.00	304.00	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
STEVEN ENGINEERING INC.	21997		46.75		
MACHINERY AND EQUIP MAINT MATE		246273301 QTY 18 PANDUIT DUCT COVER WITH PROTECTIVE FI		46.75	18
SUBURBAN PROPANE LP	21998		166.90		
UTILITIES		41788 9/15/17 PROPANE RENTAL		162.18	18
		41788 9/15/17 PROPANE RENTAL		4.72	18
SYNAGRO TECHNOLOGIES INC	21999		19,898.50		
CONTRACT SERV. (NON-MAINT.)		3103032 9/17 BIOSOLIDS HAULING		19,898.50	18
TANNER PACIFIC, INC.	22000		164,980.57		
CAPITAL		217090 9/23-11/4/17 T.O.2017-02 DMF INSTRUMENTATION&CT		4,110.00	14
CONSTRUCTION-DESIGN		217091 10/22-11/4/17 T.O.2017-07 CONSTRUCTION MGMT - V		123,731.23	20
		217093 10/23-11/4/17 T.O.2017-07 GRAVITY PIPELINE PROJ		37,139.34	20
TEICHERT CONSTRUCTION	22001		1,951,167.00		
CONSTRUCTION-CONTRACTOR		2POM10866 9/17 PRG PMT#2 SITE STABILIZATION, GRADING &		822,092.00	20
		3POM10866 10/17 PRG PMT#3 SITE STABILIZATION, GRADING		1,129,075.00	20
THATCHER COMPANY OF CALIFORNIA	22002		31,521.29		
CHEMICAL SUPPLIES		205908 CORRECTION ON THATCHER INV 245638 FERRIC CHLORI		632.35	18
		246172 9/23/17 44680 LB TRIOXYN		7,822.91	18
		246399 10/16/17 45960 LB TRIOXYN		8,047.02	18
		246521 10/31/17 43520 LB TRIOXYN		7,619.81	18
		246522 10/23/17 42260 LB TRIOXYN		7,399.20	18
THOMAS FISH CO.	22003		252.00		
SUPPLIES		22090 QTY 110 RAINBOW TROUT FISHES		126.00	18
		22124 QTY 110 RAINBOW TROUT FISHES		126.00	18

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U.S. BANK CORPORATE PAYMENT SY SUPPLIES	22004		3,446.01		
		10232017BB1 9/29/17 IT EQUIPMENT - IPAD CHARGING STATI		39.99	18
		10232017BB2 10/1/17 IT EQUIPMENT - APPLE CHARGING CABL		12.99	18
		10232017BB3 10/14/17 MICROSOFT LICENSE - MICROSOFT		56.00	18
		10232017BB4 10/14/17 MICROSOFT LICENSE - MICROSOFT		180.00	18
		10232017BB5 10/17/17 IT MANUALS - AMAZON		111.20	18
		10232017BB6 10/19/17 SHIPPING CHARGE REFUND - AMAZON		-18.44	18
		10232017BB7 10/20/17 MICROSOFT PROJECT SOFTWARE - MICR		30.00	18
CONF. & TRAV.		10232017DC1 9/22/17 LODGING EXPENSE-CA MOU CONFR, DENM		243.43	18
MEMB. & MEET.		10232017DC2 10/3/17 MEETING MEAL EXPENSE- W/ P SCOTT,		40.00	18
		10232017DC3 10/4/17 MEETING MEAL EXPENSE-SRF FUTURE LO		52.91	18
		10232017DC4 10/9/17 MEETING MEAL EXPENSE-W/ B WHITLEY		43.00	18
MACH & EQUIP MAINT SERVICES		10232017DM8 10/4/17 MISC KEYS - LOCKWORKS		32.63	18
TRAINING		10232017EM1 10/3/17 REGISTRATION FEE-CWEA BIOSLDS/RENE		195.00	18
		10232017EM2 10/3/17 REGISTRATION FEE-CWEA BIOSLDS/RENE		195.00	18
MEMB. & MEET.		10232017EM3 10/6/17 RENEWAL FEE-CWEA MEMBERSHIP/TCP LA		180.00	18
TRAINING		10232017EM3 10/6/17 RENEWAL FEE-CWEA MEMBERSHIP/TCP LA		85.00	18
CONF. & TRAV.		10232017EM4 10/16/17 REGISTRATION FEE-2017 NORTH CWEA		441.00	18
SUPPLIES		10232017IS1 9/24/17 REFRESHMENTS FOR MONTHLY SVCW MEET		30.76	18
ADMINISTRATIVE EXPENSES		10232017IS2 9/25/17 NOTARY EXAM AND TRAINING - SHERATO		18.00	18
SUPPLIES		10232017IS3 9/26/17 BUSINESS CARDS FOR MONTE HAMAMOTO		41.75	18
		10232017IS4 10/2/17 BUSINESS CARDS FOR VISHWA RAM - VI		41.75	18
		10232017IS5 10/4/17 REFRESHMENTS FOR 10/5/2017 COMMISS		14.56	18
TRAINING		10232017IS6 10/12/17 CSMFO TRAINING FOR CINDY HUI - CS		200.00	18
SUPPLIES		10232017IS7 10/18/17 NEW EMPLOYEE SVCW SHIRT FOR VISHW		54.48	18
TRAINING		10232017JF1 9/28/17 WEBINAR - LIEBERT CASSIDY WHITMORE		70.00	18
		10232017JF2 10/12/17 REGISTRATION FEE - CALPERS PUBLIC		200.00	18
ADMINISTRATIVE EXPENSES		10232017JF3 10/13/17 JOB LISTING - CWEA		285.00	18
PROFESSIONAL SERVICES		10232017JF4 10/17/17 JOB LISTING - BROWN AND CALDWELL		200.00	18
ADMINISTRATIVE EXPENSES		10232017JF5 10/19/17 JOB LISTING - WATER DISTRICT		175.00	18
SUPPLIES		10232017MA1 9/22/17 TOLL CHARGES - FASTRAK		195.00	18

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U.S. BANK CORPORATE PAYMENT SY	22005		3,912.16		
SUPPLIES		10232017MA2 9/23/17 FUEL EXPENSE - A&A GAS		48.42	18
TRAINING		10232017MA3 9/27/17 TRAINING MEETING HOTEL - HYATT		772.12	18
		10232017MA4 9/27/17 PARKING FEE - TRAINING MEETING - A		43.55	18
SUPPLIES		10232017MA5 9/28/17 LUNCHEON FOR COGSDALE MEETING - KA		32.59	18
MACH & EQUIP MAINT SERVICES		10232017MA6 9/29/17 COMPANY VEHICLE MAINTENANCE - AUTO		23.99	18
SUPPLIES		10232017MA7 9/29/17 FUEL EXPENSE - CHEVRON		29.68	18
		10232017MA8 10/1/17 FUEL EXPENSE - SHELL OIL		49.78	18
		10232017MA9 10/1/17 FUEL EXPENSE - VALERO		35.32	18
MACH & EQUIP MAINT SERVICES		10232017MH1 9/22/17 COMPANY VEHICLE CLEANING EXPENSE -		10.00	18
CONF. & TRAV.		10232017MH2 9/27/17 SEMINAR MEAL EXPENSE-TRI STATE SEM		62.34	18
SUPPLIES		10232017MH3 9/28/17 FUEL EXPENSE - TRI STATE SEM, NV -		67.59	18
CONF. & TRAV.		10232017MH4 9/28/17 LODGING EXPENSE-9/25-9/28 TRI STAT		236.94	18
		10232017MH5 9/29/17 CORRECTION ON HOTEL CHARGES-TRI ST		-33.54	18
SUPPLIES		10232017RH1 10/13/17 QUALITY MANUAL TEMPLATE FOR LAB -		125.00	18
MEMB. & MEET.		10232017SS1 10/17/17 MEMBERSHIP RENEWAL - CWEA		100.00	18
CONF. & TRAV.		10232017TH1 9/25/17 PARKING FEE - OAKLAND INTERNATIONAL		24.00	18
MEMB. & MEET.		10232017TH2 9/26/17 MEMBERSHIP RENEWAL - ASCE		295.00	18
CONTRACT SERV. (NON-MAINT.)		10232017TH3 9/28/17 CLOUD STORAGE FEE - APPLE		0.99	18
SUPPLIES		10232017TH4 10/4/17 FUEL EXPENSE - DOUBLE AA		16.18	18
		10232017TH5 10/13/17 FUEL EXPENSE - MONTCLAIR GAS		51.58	18
CONST.-ADMIN. & LEGAL		10232017VV1 10/6/17 WORKSHOP MEAL EXPENSE - 12KV - SPE		373.32	20
		10232017VV2 10/10/17 MEETING REFRESHMENTS - GP DB WORK		38.02	20
		10232017VV3 10/10/17 WORKSHOP MEAL EXPENSE-GP DB PARTN		455.62	20
		10232017VV4 10/19/17 MEETING REFRESHMENTS-GP RISK FACI		122.62	20
MACHINERY AND EQUIP MAINT MATE		10232017DM17 10/13/17 FREIGHT CHARGE - CALIFORNIA HYDR		15.15	18
CONF. & TRAV.		10232017MA10 10/4/17 PARKING FEE - CITY OF SACPARKING		7.50	18
TRAINING		10232017MA11 10/6/17 GP TRAINING FOR VISHWA RAM - N HA		902.13	18
SUPPLIES		10232017MA12 10/20/17 FUEL EXPENSE - EXXON MOBIL		43.64	18
		10232017MA13 10/22/17 FUEL EXPENSE - CHEVRON		49.25	18
MISCELLANEOUS		10232017DM4TAX SALES TAX LIABILITY		-86.62	18

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U.S. BANK CORPORATE PAYMENT SY	22006		11,128.52		
MISCELLANEOUS		10232017JD5TAX SALES TAX LIABILITY		-8.58	18
		10232017JD8TAX SALES TAX LIABILITY		-22.75	18
		10232017DM1 9/25/17 QTY 10 LIQUID CLOG REMOVER 32 OZ D		40.50	18
MACHINERY AND EQUIP MAINT MATE		10232017DM10 10/5/17 QTY 2 WHEELER REX COMBO CLAMP - A		93.07	18
MISCELLANEOUS		10232017DM10TAX SALES TAX LIABILITY		-6.82	18
SUPPLIES		10232017DM11 10/05/17 QTY 2 PUMP TUBING SILICON - PONT		790.74	18
MACHINERY AND EQUIP MAINT MATE		10232017DM12 10/6/17 QTY 1 ROTAMETER FLOWMETER - PRECI		1,828.08	18
MISCELLANEOUS		10232017DM12TAX SALES TAX LIABILITY		-145.69	18
MACHINERY AND EQUIP MAINT MATE		10232017DM13 10/9/17 QTY 1 VALVE BACK PRESSURE REGULAT		1,738.31	18
		10232017DM14 10/11/17 QTY 1 EA VAL DELVAL, VAL DELVAL		1,926.63	18
SUPPLIES		10232017DM15 10/12/17 COFFEE SUPPLIES - COSTCO.COM		72.51	18
MACHINERY AND EQUIP MAINT MATE		10232017DM16 10/13/17 QTY 1 FLO-TITE REPAIR KIT - WEST		683.46	18
MISCELLANEOUS		10232017DM2 9/25/17 QTY 10 LIQUID CLOG REMOVER 32 OZ D		40.50	18
		10232017DM3 9/26/17 QTY 48 COSTCO WATER - COSTCO.COM		475.99	18
MACHINERY AND EQUIP MAINT MATE		10232017DM4 9/26/17 QTY 2 EA WHEELER REX CLAMP, CRIMPE		158.75	18
		10232017DM4 9/26/17 QTY 2 EA WHEELER REX CLAMP, CRIMPE		585.34	18
		10232017DM4 9/26/17 QTY 2 EA WHEELER REX CLAMP, CRIMPE		347.98	18
MISCELLANEOUS		10232017DM5 9/26/17 QTY 7 BATHROOM FAUCETS, QTY 2 BATH		193.58	18
MACHINERY AND EQUIP MAINT MATE		10232017DM5 9/26/17 QTY 7 BATHROOM FAUCETS, QTY 2 BATH		677.51	18
MACH & EQUIP MAINT SERVICES		10232017DM6 9/27/17 DUPLICATE KEYS - LOCKWORKS UNLIMIT		99.23	18
SUPPLIES		10232017DM7 9/28/17 QTY 3 GRADUATED CYLINDER 500ML - A		25.71	18
MACHINERY AND EQUIP MAINT MATE		10232017DM9 10/5/17 WATER FILTER - FRESH WATER SYSTEMS		203.62	18
SUPPLIES		10232017JD1 QTY 1 CELL PHONE ACCESSORIES - BEST BUY		73.22	18
		10232017JD10 10/18/17 QTY 50 COSTCO WATER - COSTCO		385.00	18
MACHINERY AND EQUIP MAINT MATE		10232017JD11 10/20/17 QTY 1 STORAGE CABINET GREY - ZOR		411.64	18
		10232017JD12 10/21/17 QTY 1 MODEL 85A DRUM KARRIER - G		254.42	18
		10232017JD12 10/21/17 QTY 1 MODEL 85A DRUM KARRIER - G		48.46	18
SMALL TOOLS		10232017JD2 10/11/17 QTY 2 NAPA QUART 5W30 OIL - NAPA		4.98	18
MACHINERY AND EQUIP MAINT MATE		10232017JD3 10/13/17 QTY 25 OMRON ELECTRONICS - ONLIN		54.92	18
		10232017JD3 10/13/17 QTY 25 OMRON ELECTRONICS - ONLIN		98.21	18

11/4/17-11/17/17

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SILICON VALLEY CLEAN WATER
WARRANT REGISTER
11/17/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
U.S. BANK CORPORATE PAYMENT SY	22007		1,791.62		
SMALL TOOLS		10232017JD4 10/13/17 QTY 1 ELEMENT FILTER - SHAMROCK S		25.85	18
		10232017JD4 10/13/17 QTY 1 ELEMENT FILTER - SHAMROCK S		47.39	18
MACHINERY AND EQUIP MAINT MATE		10232017JD5 10/16/17 QTY 1 AIR VENTURI VACUUM GENERATO		106.58	18
		10232017JD6 10/17/17 QTY 20 .25" STANDARD CHECK VALVE		16.31	18
		10232017JD6 10/17/17 QTY 20 .25" STANDARD CHECK VALVE		10.71	18
SUPPLIES		10232017JD7 10/17/17 QTY 4000 PREM POLY ASSET BLUE HEA		22.19	14
		10232017JD7 10/17/17 QTY 4000 PREM POLY ASSET BLUE HEA		1,261.50	14
SUPPLIES		10232017JD8 10/18/17 QTY 1 IRWIN INDUSTRIAL TOOLS HSS		289.26	18
		10232017JD9 10/18/17 QTY 1 SOLID RUBBER STOPPERS SIZE		11.83	18
UNITED RENTALS NORTHWEST, INC.	22008		1,963.04		
RENTAL/LEASES		150086958001 9/12-9/21/17 RENTAL BOOM 40-46' ARTICULAT		1,963.04	18
UNIVAR USA INC.	22009		25,811.99		
CHEMICAL SUPPLIES		SJ309931 CREDIT MEMO ON INV SJ840953		-237.23	18
CONSTRUCTION-CONTRACTOR		SJ836692 9/2/17 3261 GAL SOD HYPO		432.65	20
CHEMICAL SUPPLIES		SJ836692 9/2/17 3261 GAL SOD HYPO		1,297.96	18
		SJ825988 7/10/17 SOD BYSULFITE DELIVERY CANCELLATION C		1,054.63	18
		SJ842890 10/4/17 4049 GAL SOD HYPO		2,148.80	18
		SJ843629 10/8/17 4080 GAL SOD HYPO		2,165.26	18
		SJ844518 10/13/17 4009 GAL SOD HYPO		2,127.57	18
		SJ845502 10/18/17 3898GAL SOD HYPO		2,068.66	18
		SJ846528 10/23/17 3995 GAL SOD HYPO		2,120.14	18
		SJ847070 10/27/17 4080 GAL SOD HYPO		2,165.26	18
		SJ847275 10/30/17 4398 GAL SOD BISULFITE		6,218.46	18
		SJ848130 11/2/17 3999 GAL SOD HYPO		2,122.26	18
		SJ849054 11/7/17 4009 GAL SOD HYPO		2,127.57	18
VALLEY OIL COMPANY	22010		7,775.27		
UTILITIES		897782 10/27/17 QTY 2994 DYED DIESEL		7,775.27	18

11/4/17-11/17/17

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SILICON VALLEY CLEAN WATER
WARRANT REGISTER
11/17/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
VALLEY OIL COMPANY (VEHICLE FUEL SUPPLIES	22011	474015 8/21-8/29/17 FUEL CHARGES COMPANY VEHICLES	396.35	396.35	18
VINCENT ELECTRIC MOTOR COMPANY MACHINERY AND EQUIP MAINT MATE	22012	904913 MATERIALS AND LABOR TO RECONDITION PUMP 904990 MATERIALS AND LABOR TO RECONDITION MOTOR 904990 MATERIALS AND LABOR TO RECONDITION MOTOR	18,283.48	12,810.73 4,340.00 1,132.75	18 18 18
VWR INTERNATIONAL, LLC SUPPLIES	22013	8080399085 LAB SUPPLIES	46.15	46.15	18
WANDRO, ROBERT UTILITIES TRAINING	22014	11172017 REIM-10/17 CELL PHONE EXPENSE 11172017B REIM-10/24-10/25/17 MILEAGE EXPENSE-TNI TRNG	72.93	45.00 27.93	18 18
WEST YOST ASSOCIATES CONSTRUCTION-DESIGN	22015	2033257 8/5-9/8/17 T.O.2016-02 CONVEYANCE SYSTEM PROGR 2033257 8/5-9/8/17 T.O.2016-02 CONVEYANCE SYSTEM PROGR 2033257 8/5-9/8/17 T.O.2016-02 CONVEYANCE SYSTEM PROGR 2033257 8/5-9/8/17 T.O.2016-02 CONVEYANCE SYSTEM PROGR 2033257 8/5-9/8/17 T.O.2016-02 CONVEYANCE SYSTEM PROGR 2033257 8/5-9/8/17 T.O.2016-02 CONVEYANCE SYSTEM PROGR 2033257 8/5-9/8/17 T.O.2016-02 CONVEYANCE SYSTEM PROGR 2033257 8/5-9/8/17 T.O.2016-02 CONVEYANCE SYSTEM PROGR 2033257 8/5-9/8/17 T.O.2016-02 CONVEYANCE SYSTEM PROGR 2033257 8/5-9/8/17 T.O.2016-02 CONVEYANCE SYSTEM PROGR	30,639.63	1,225.59 612.79 1,685.18 306.40 2,144.77 3,676.76 1,685.18 1,838.38 612.79 16,851.79	20 20 20 20 20 20 20 20 20 20
WESTERN ENERGY SYSTEMS MACHINERY AND EQUIP MAINT MATE	22016	3812627 QTY 1 COOLINGWATER PIPE	3,528.27	3,528.27	18
WESTIN TECHNOLOGY SOLUTIONS, L PROFESSIONAL SERVICES	22017	10018 THRU10/31/17 PROFESSIONAL SERVICES	1,000.00	1,000.00	18

TOTAL

\$3,125,337.76



11/4/17-11/17/17

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**RESOLUTIONS ESTABLISHING CLASSIFICATIONS, RATES OF PAY
AND RELATED COMPENSATION FOR MANAGEMENT, PROFESSIONAL AND
GENERAL CONFIDENTIAL EMPLOYEES AND APPROVE UPDATED
CONSOLIDATED PAY SCHEDULE**

ISSUE

Address Succession Planning Needs due to Retirement of Administrative Services Manager by Creating Executive Assistant to the Manager Position; Change Systems Analyst and Business Analyst Positions to Professional Exempt; Change Senior CIP Manager and CIP Manager to Professional Exempt and Provide Grandfather Benefit Coverage to Existing Senior CIP Manager and Existing CIP Manager.

BACKGROUND

The Commission approves all SVCW personnel position titles, compensation and classification via resolution. Several resolutions have been established in calendar year 2017 due to ongoing changes and needs of SVCW. The retirement of the Administrative Services Manager has been in the planning stages for over two years and actions recommended in this report will address the closing of this need.

In addition, it has become apparent that four positions within the SVCW Organization are not properly classified or identified in the appropriate employee group. This affects not only their benefit levels, but also their classification as being exempt or non-exempt employees related to Fair Labor Standards Act requirements. Recommendations in this report will address this issue as well.

Finally, two positions have been filled for years and identified as part of the Management group of employees since their title contained the word “Manager” in it. Upon further review, it has been determined that these positions do not belong in the Management group. Recommendations in this report will also address this issue.

DISCUSSION

Effective December 29, 2017 the current Administrative Service Director will retire from SVCW. During the past two and a half years, actions have been taken to identify people and positions within the organization to take over the workload of this position. This succession planning and implementation has proceeded very well and the last step is to create the position of Executive Assistant to the Manager and appoint a new Secretary Pro-Tem to the Commission. The job description for the Executive Assistant to the Manager requires the position to serve as the Secretary Pro-Tem to the Commission. It is recommended the Commission approve the reclassification of one existing Administrative Assistant position from the General Confidential group as a non-exempt FLSA position to the newly created position of Executive Assistant to the Manager in the Management classification of SVCW as a FLSA exempt position.

The positions of Financial Analyst and Business Analyst are currently in the General Confidential employee classification as non-exempt FLSA employees. Upon further review, these positions should be classified in the Professional employees group and as FLSA exempt. It is recommended that the Commission approve these recommendations related to the classification of the Financial Analyst and the Business Analyst.

The positions of Senior CIP Manager and CIP Manager have been classified in the Management group as FLSA exempt employees including benefits associated with Management employees. Upon further review, it has been determined these two positions should be included in the Professional group as FLSA exempt employees. It is recommended that the Commission approve these recommendations related to the Senior CIP Manager and the CIP Manager positions.

Finally, the employees currently filling the positions of Senior CIP Manager and CIP Manager are receiving benefits associated with the Management group of employees. While the changes above are needed and recommended for the proper classification of the positions, it is not appropriate to take benefits away from existing employees who have been receiving these benefits for years. The benefits relate to three items, vacation accrual rates, 457k matching funds and Administrative Leave allowance. The Management group levels of these three benefits are more generous than the Professional group level of benefits. It is recommended that the Commission grandfather the two employees currently working in these positions at their current benefit levels while they are fulfilling the duties of their current assignments. Any future employee filling either of these positions will receive benefit levels associated with the Professional group of employees.

FINANCIAL IMPACT

There is no headcount impact from these actions with minimal financial impact overall.

The financial impact from reclassification of the Executive Assistant to the Manager position, from one of the existing Administrative Assistant positions, will be \$14,325.00 per year at current payroll and benefit rates. The financial impact of the employment group change for the Financial Analyst and Business Analyst positions is cumulatively \$2,000.00 per year. There is no financial impact due to the employment group changes for the Senior CIP Manager and CIP Manager positions until the current employees are no longer in the positions, however, the future impact will be a reduction of approximately \$5,000 per year in costs.

RECOMMENDATION

- i. Move adoption of RESOLUTION ESTABLISHING RATES OF PAY AND RELATED COMPENSATION FOR MANAGEMENT EMPLOYEES OF SILICON VALLEY CLEAN WATER AND RESCINDING AND RESTATING CERTAIN PROVISIONS OF RESOLUTION NO. SVCW 17-34 AND RESCINDING ANY AND ALL OTHER RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HERewith

- ii. Move adoption of RESOLUTION ESTABLISHING RATES OF PAY FOR PROFESSIONAL EMPLOYEES OF SILICON VALLEY CLEAN WATER AND RESCINDING AND RESTATING CERTAIN PROVISIONS OF RESOLUTION NO. SVCW 17-37 AND RESCINDING ANY AND ALL OTHER RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH
- iii. Move adoption of RESOLUTION ESTABLISHING RATES OF PAY AND RELATED COMPENSATION FOR CONFIDENTIAL GENERAL EMPLOYEES OF SILICON VALLEY CLEAN WATER AND RESCINDING AND RESTATING CERTAIN PROVISIONS OF RESOLUTION NO. SVCW 17-51 AND RESCINDING ANY AND ALL OTHER RESOLUTIONS OR PROVISIONS THEREOF IN CONFLICT HEREWITH
- iv. Move adoption of RESOLUTION AMENDING SECTION 6 OF RESOLUTION NO. SVCW 77-6, THE SVCW PERSONNEL RESOLUTION, RELATING TO CLASSIFICATION OF POSITIONS AND RESCINDING PARAGRAPH 1 OF RESOLUTION NO. SVCW 17-52 AND ANY AND ALL OTHER RESOLUTIONS OR PROVISIONS THEREOF IN CONFLICT HEREWITH
- v. RESOLUTION PROVIDING MANAGEMENT BENEFITS TO CURRENT SENIOR CIP MANAGER AND CURRENT CIP MANAGER UPON RE-CLASSIFICATION OF SAID POSITIONS
- vi. Move adoption of RESOLUTION APPROVING UPDATED CONSOLIDATED PAY SCHEDULE FOR ALL REPRESENTED AND UNREPRESENTED EMPLOYEES OF SILICON VALLEY CLEAN WATER FOR FISCAL YEAR 2017-2018 AND RESCINDING RESOLUTION SVCW NO. 17-53
- vii. Move adoption of RESOLUTION APPROVING AND RATIFYING APPOINTMENT OF ILANA SCHMIDT AS SECRETARY PRO-TEM OF SILICON VALLEY CLEAN WATER AND RESCINDING RESOLUTION NO. SVCW 15-20

ANNUAL AUDITED FINANCIAL REPORT AS OF JUNE 30, 2017

ISSUE

Receipt of Silicon Valley Clean Water (SVCW) Basic Financial Statements and Auditor's Reports (the Reports) for Fiscal Year 2016-17.

BACKGROUND

Each year, in compliance with Government Accounting Standards Board requirements, SVCW issues basic financial statements and an auditor's report. This report (Attachment A) is complete and ready for the Commission's review. It provides detailed financial information for the Commission, ratepayers, and SVCW investors. The accounting firm Chavan & Associates, LLP concluded its audit of SVCW's financial statement for fiscal year 2016-17 and rendered an unqualified ("clean") opinion.

SVCW must also comply with Single Audit Requirements described in loan agreements with the State Revolving Fund (SRF) program. As the recipient of federal funds, SVCW must issue an independent auditor's report on its internal controls and schedule of expenditures. Again, Chavan & Associates has issued a clean opinion with no findings (Attachment B).

DISCUSSION

The financial report describes stable SVCW financial results during an active fiscal year. Noteworthy items and comparisons to the prior year included:

- SVCW invested nearly \$31 million in capital improvement projects during the 2016-17 fiscal year. Approximately \$25 million was spent on key projects that included sectional replacement of the effluent pipeline, upgrades to the electrical power system, improvements to primary sedimentation tanks, and modernizing solids thickening processes. Nearly \$6 million was for planning, preliminary design, and the environmental reports needed for the Regional Environmental Sewer Conveyance Upgrade (RESCU) program.
- Member Agencies remitted \$2.6 million to the Stage 2 Capacity reserve fund as development occurred within their communities. With a balance of \$13.6 million at June 30, 2017, these funds are available for projects that increase treatment capacity.
- Other operating and capital improvement reserves increased by \$3.2 million, reaching a \$22.8 million balance at June 30, 2017. These funds provide fiscal solvency in the event of large expenditures caused by unforeseen catastrophes, and are also available to meet State Revolving Fund loan reserve requirements.
- Total operating revenue for the 2016-17 fiscal year was \$41.9 million, a \$11.5 million decline from a prior year that had included member revenues of \$14 million contributed cash in lieu of debt financing. Excluding that one-time item, Operating Fund contributions increased by \$250 thousand and SVCW received \$1.4 million in additional contributions towards servicing outstanding debt.

- Total expenses ended the fiscal year at \$39.4 million, a \$297 thousand decrease (0.7%) compared to the prior year. Depreciation increased by \$1.3 million as SVCW placed new assets into service during the fiscal year. Operating expenses were \$925 thousand less than prior year, specifically in personnel costs, as deferred inflows associated with CalPERS pension earnings were recognized in the 2016-17 fiscal year. Non-operating expenses declined by \$720 thousand (8.0%) as a recent early bond refunding reduced interest expense.

FINANCIAL IMPACT

There is no financial impact associated with this report.

RECOMMENDATION

Move approval of ACCEPTANCE AND RECEIPT OF BASIC FINANCIAL STATEMENTS AND INDEPENDENT AUDITORS' REPORT FOR YEAR ENDED JUNE 30, 2017



SILICON VALLEY CLEAN WATER

Annual Financial Report

For the Years Ending
June 30, 2017 & 2016

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ATTACHMENT B

SILICON VALLEY CLEAN WATER

FINANCIAL STATEMENTS AND
INDEPENDENT AUDITOR'S REPORT
JUNE 30, 2017

* * *



Chavan & Associates, LLP
Certified Public Accountants
1475 Saratoga Ave., Suite 180
San Jose, CA 95129

Silicon Valley Clean Water

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INDEPENDENT AUDITOR'S REPORT

To the Commission of
Silicon Valley Clean Water
Redwood City, California

Report on the Financial Statements

We have audited the accompanying financial statements of the Silicon Valley Clean Water ("SVCW") as of and for the fiscal years ended June 30, 2017 and 2016, and the related notes to the financial statements, which collectively comprise SVCW's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

SVCW's management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America, the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, and the State Controller's Minimum Audit Requirements for California Special Districts. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to SVCW's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of SVCW's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.



We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of SVCW, as of June 30, 2017, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, schedule of pension contributions - CalPERS, schedule of proportionate share of net pension liability, and schedule of funding progress for the retiree healthcare plan, as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise SVCW's financial statements as a whole. The supplementary information listed in the table of contents is presented for purposes of additional analysis and are not a required part of the financial statements. These schedules are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the financial statements. This information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial



Chavan & Associates, LLP
Certified Public Accountants

statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, this information is fairly stated in all material respects in relation to the financial statements as a whole. The Schedule of Analysis of Net Position has not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on it.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated November 17, 2017 on our consideration of SVCW's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering SVCW's internal control over financial reporting and compliance.

C & A UP

November 17, 2017
San Jose, California

MANAGEMENT'S DISCUSSION AND ANALYSIS

Silicon Valley Clean Water
Management Discussion and Analysis
June 30, 2017

Silicon Valley Clean Water (the “Authority”, or “SVCW”) has issued its financial statements for the fiscal year ended June 30, 2017 in conformity with the format prescribed by the provisions of Government Accounting Standards Board Statement 34 (GASB 34). The Management of SVCW presents the following narrative overview and analysis of the financial activities, with comparative data for the fiscal year ended June 30, 2016. The Management Discussion and Analysis (MD&A) section is an overview of SVCW’s financial activities and is an integral part of the accompanying Basic Financial Statements. This information should be read in conjunction with the audited financial statements that follow this section.

OVERVIEW OF THE BASIC FINANCIAL STATEMENTS

SVCW’s revenues and expenses are recognized on a full accrual basis; revenues are recognized in the period in which they are earned and expenses are recognized in the period incurred. The basic financial statements are comprised of two components: Financial Statements and Notes to the Financial Statements. The Financial Statements report information about SVCW accounting using methods similar to those used by private sector companies. These statements offer short-term and long-term financial information about its activities and include:

- The *Statement of Net Position* presents SVCW assets and liabilities, with the difference between the two reported as *net position*. This statement provides information about the nature and amounts of investments in resources (assets) and obligations to creditors (liabilities). It also provides the basis for evaluating the capital structure of the SVCW. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of SVCW is improving or deteriorating.
- The *Statement of Activities and Changes in Net Position* accounts for revenues and expenses and reflects the results of SVCW operations over the course of the fiscal year. This statement can be used as an indicator of the extent to which SVCW recovers its costs through charges.
- The final required Financial Statement is the *Statement of Cash Flows*, with the primary purpose of providing information about SVCW’s cash receipts and cash payments during the reporting period. In addition to cash receipts and payments, this statement illustrates net changes in cash resulting from operations and investments. It also answers questions about the sources and uses of cash, and describes the change in cash balance during the reporting period.

The Notes to Financial Statements provide information that is not displayed on the face of the financial statements but is essential to a reader’s full understanding.

ORGANIZATION AND BUSINESS

SVCW is a joint exercise of powers authority that provides wastewater transmission, treatment, and effluent disposal to the cities of Belmont, Redwood City, and San Carlos, and the West Bay Sanitary District (collectively, the “Members”), all of which are located in the northern part of Silicon Valley between the cities of San Francisco and San Jose. SVCW’s wastewater treatment plant is located in the City of Redwood City and serves more than 200,000 people and businesses located predominantly in San Mateo County, California. SVCW operates in a robust Bay Area economy with a customer base that includes Oracle Corporation, EA Sports, and Facebook. In response to SVCW capital needs, ratepayers have already accommodated rate increases dedicated to large infrastructure improvements.

Silicon Valley Clean Water
Management Discussion and Analysis
June 30, 2017

SVCW owns and operates a regional wastewater treatment plant with an average dry weather flow permit capacity of 29 million gallons per day, an approximately nine-mile influent force main pipeline that conveys wastewater from the Members to SVCW's treatment plant, five wastewater pump stations, and a 1.25 mile effluent disposal pipeline that discharges treated effluent into the San Francisco Bay. SVCW also provides recycled water to the City of Redwood City.

A four-member "Commission" consisting of one appointed member from each of the Members' governing bodies governs SVCW. Voting is proportional to the Members' respective ownership interests in SVCW's wastewater system. A proportionally-weighted vote of at least three-fourths of the total Commission votes is required to adopt or amend bylaws, rules, and regulations; to adopt or modify any budget; to approve any capital costs, materials and construction contracts, appropriations, or transfers of more than \$50,000; to employ the manager and certain consultants; to sell or dispose of property; and to approve other designated items. Other actions of the Commission must be approved by a majority of total possible votes. Any amendment of the Joint Powers Agreement requires the concurrence of all Members. In addition, any amendment to the Joint Powers Agreement must also be approved by a 4/5 vote by each of the Members' governing bodies.

The Joint Powers Agreement sets forth how SVCW's operating and capital costs are allocated to the Members. Operating costs are allocated to each Member based on a three-year average of each Member's annual pro-rata share of total wastewater flow and strength loadings as measured by biological oxygen demand ("BOD") and suspended solids ("SS"). As a result, the Budget for fiscal year 2017-18 allocates operating and maintenance costs to the Members as follows:

- City of Redwood City 46.5%
- West Bay Sanitary District 27.9%
- City of San Carlos 12.8%
- City of Belmont 12.8%

Capital costs are allocated per Members' share of capacity owned in various components of the wastewater system as established in the Joint Powers Agreement. All SVCW capital improvement expenditures are allocated as follows:

- City of Redwood City 48.57%
- West Bay Sanitary District 26.84%
- City of San Carlos 15.14%
- City of Belmont 9.45%

The following table shows a history of average daily wastewater flow conveyed to SVCW from each Member for the last five fiscal years. Note that four years of an official drought were ended with heavy rains experienced in fiscal year 2016-17:

<u>Member</u>	<u>2012-13</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>
<u>Redwood City</u>	6.4	6.6	6.1	6.4	7.8
<u>West Bay</u>	3.5	3.5	3.6	3.8	3.9
<u>San Carlos</u>	1.7	1.9	1.8	1.5	2.7
<u>Belmont</u>	<u>1.7</u>	<u>1.9</u>	<u>1.9</u>	<u>1.7</u>	<u>2.0</u>
<u>Total</u>	13.3	13.9	13.4	13.4	16.4

Silicon Valley Clean Water
Management Discussion and Analysis
June 30, 2017

FINANCIAL ANALYSIS

Our analysis of SVCW begins on page 17 of the Financial Statements. One of the most important questions asked about SVCW's finances is "Is SVCW as a whole better off or worse off as a result of the year's activities?" The Statement of Net Position and the Statement of Activities and Changes in Net Position report information about SVCW's activities in a way that will help answer this question. These two statements report the net position of SVCW and changes in them, which helps measure the financial health of the organization. Over time, increases or decreases in SVCW's net position are one indicator of whether its financial health is improving or deteriorating. However, it is important to keep these indicators in context with other non-financial factors such as changes in economic conditions, population growth, climate, zoning, or the regulatory environment.

SVCW's fiscal year 2016-17 operating revenues and expenses were comparable both to the prior fiscal year as well as to the 2016-17 Budget. SVCW also invested \$30.9 million cash into constructing assets associated with its ongoing Capital Improvement Program. Key projects included sectional replacement of the effluent pipeline, upgrades to the electrical power system, improvements to primary sedimentation tanks, and modernizing solids thickening processes.

The Capital Improvement Program is largely funded through long-term borrowings and, to a lesser extent, member agency cash contributions. As of June 30, 2017, SVCW long-term debt was \$201.8 million, a net increase of \$2.6 million from prior year after \$6.6 million in additional State Revolving Fund borrowings, premium amortization of \$0.6 million, and principal payments of \$3.4 million.

SVCW Commission has an established reserve policy to protect its fiscal solvency. As of June 30, 2017, cash reserves were \$28.8 million (a \$3.8 million increase over the prior year) to prepare for required debt reserves and to ease economic uncertainty in the event of unforeseen large expenditures or catastrophic events. In addition, the Authority has a \$5 million debt reserve associated with its 2009 bond issue.

Like other governmental agencies, SVCW implemented Governmental Accounting Standards Board Statement No. 68 (GASB 68) in fiscal year 2014-15. The 2014-15 financial statements reflect a one-time \$10.1 million adjustment for net pension liability.

FINANCIAL HIGHLIGHTS

- SVCW net position increased during fiscal year 2016-17 by \$2.51 million (3.18%) from the previous year. Current Assets fell by \$3.7 million as receivables associated with a State Water Board loan program were settled. Total Noncurrent Assets increased by \$4.2 million, a change that included spending \$15 million of Cash/bond proceeds held by Fiscal Agent on Construction in Progress, which increased \$17 million. The Net Position balance also reflects a \$2.8 million reduction in deferred inflows associated with prior years' CalPERS pension earnings that were recognized in the 2016-17 fiscal year.
- Operating revenues, inclusive of Members' cash contributions in lieu of capital financing, decreased \$11.95 million (23.8%) from the previous year. Whereas the prior year included \$14.2 million of cash-in-lieu financing from Redwood City and Belmont, no such contributions were required in 2016-17. Excluding this item, overall Operating Revenue increased by \$2.2 million for ordinary operations and paying increased debt service.

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- Total expenses ended the fiscal year at \$39.4 million, a \$297 thousand decrease (0.7%) compared to the prior year. Depreciation increased by \$1.3 million as SVCW placed new assets into service during the fiscal year. Operating expenses were \$925 thousand less than prior year, specifically in personnel costs, as deferred inflows associated with CalPERS pension earnings were recognized in the 2016-17 fiscal year. Non-operating expenses declined by \$720 thousand (8.0%) as a recent early bond refunding reduced interest expense.
- Current cash balances increased \$1.7 million (6.12%) as member agencies continued to contribute to the Capital Improvement Reserve during the year.

NET POSITION

A summary of SVCW's Statement of Net Position is presented in Table 1, which indicates a \$2.5 million increase in SVCW's net position from fiscal year 2015-16. Significant changes during the fiscal year included:

- Current Assets plus Investment in Real Estate and an OPEB asset decreased by \$3 million, largely from reduced receivables associated with a State Revolving Fund loan. The reimbursable SRF balance due to SVCW as of June 30, 2017 was \$9.3 million.
- Restricted assets decreased by \$15 million (72.8%) from the prior year-end balance of \$20.6 million as SVCW used bond cash proceeds on construction projects.
- Capital assets, net of depreciation, increased by \$18.5 million (8%) reflecting the continued investment in critical infrastructure improvements as SVCW proceeds with its long-term Capital Improvement Program.
- Total SVCW liabilities increased by \$1.34 million (0.6%), a net change that reflects additional State Revolving Fund borrowings of \$6.1 million offset by \$2.94 million in debt principal payments and \$3.2 million less accounts payable at June 30, 2017.
- Deferred Outflows and Deferred Inflows represent changes in the components of Authority's pension liability. Specifically, the changes are to recognize in the total pension liability and in the pension plan's fiduciary net position. The most significant change in deferred inflows and outflows was the impact of differences between past years' projected investment earnings and the actual experiences. Such changes are spread to pension expense over a period of five years.

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TABLE 1
Condensed Statement of Net Position

	Fiscal Year 2017	Fiscal Year 2016	Dollar Change	Percent Change
Current and other assets	\$ 48,000,613	\$ 51,048,297	\$ (3,047,684)	-5.97%
Restricted assets	5,602,191	20,591,923	(14,989,732)	-72.79%
Capital assets	251,171,625	232,622,646	18,548,979	7.97%
Total Assets	304,774,429	304,262,866	511,563	0.17%
Deferred Outflows	4,117,386	3,547,927	569,459	16.05%
Total Liabilities	225,860,283	224,521,135	1,339,148	0.60%
Deferred Inflows	1,352,904	4,125,769	(2,772,865)	-67.21%
Net investment in capital assets	51,472,947	50,662,258	810,689	1.60%
Restricted	5,063,980	5,040,771	23,209	0.46%
Unrestricted	25,141,701	23,460,860	1,680,841	7.16%
Total Net Position	\$81,678,628	\$79,163,889	\$ 2,514,739	3.18%

Table 2 below shows the activities associated with construction funds during the year. During 2016-17, member agencies collected \$2.1 million in Stage 2 capacity fees associated with development in their communities. Members also contributed \$1.8 million and \$1.5 million, respectively, to Capital Reserves and pay-go capital projects, respectively. Approximately \$11.9 million was received into the Capital Improvement Fund for debt service.

As part of continued expenditures on its Capital Improvement Program, SVCW spent \$30.8 million on capital projects during fiscal year 2016-17. Specific expenditures included sectional replacement of the effluent pipeline, upgrades to the electrical power system, improvements to primary sedimentation tanks, and modernizing solids thickening processes.

TABLE 2
Construction Fund Activity

	Capital Reserve (13 Fund)	New Capital (14 Fund)	Replacement (17 Fund)	Stage 2 (15 Fund)	Capital Improvement Program (20-22 Fund)	Totals
Member contributions	\$ -	\$ -	\$ -	\$ 2,138,907	\$ -	\$ 2,138,907
Operating income	1,785,312	1,536,845	-	-	11,877,963	15,200,120
Interest	23,665	1,224	15,903	13,260	31,766	85,818
Total Revenue	1,808,977	1,538,069	15,903	2,152,167	11,909,729	17,424,845
Cash to construction	\$ -	\$ 1,409,308	\$ -	\$ 108,128	\$ 29,338,785	\$ 30,856,221

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While the Statement of Net Position shows the change in financial position from year to year, the Statement of Activities and Changes in Net Position (Table 3 below) provides answers as to the nature and source of the changes. It shows that total 2016-17 revenues decreased from the prior year by \$11.5 million (21.6%). Operating Revenues decreased by \$11.95 million (23.8%), which reflects how, in 2015-16, member agencies contributed \$14.2 million to fund projects rather than increasing their proportionate share of debt. Capital Contributions revenue increased by \$541 thousand (26.3%), representing more new development associated with Stage 2 capacity remittances from Members.

Fiscal year 2016-17 total expenses decreased by \$297 thousand (.7%) over the prior year, which included changes in several key expenditures:

- Depreciation expense increased \$1.35 million (17%), consistent with the increase in capitalized assets placed into service during the fiscal year.
- Operating expenses were \$925 thousand (4.1%) less than the prior year. Most of this decrease was related to recognizing pension expense amortizations.
- Non-operating expenses decreased by \$720 thousand. SVCW completed a \$53.2 million advanced refunding of bonds in the prior fiscal year, producing a \$750 thousand decrease in interest expense.

TABLE 3
Condensed Statements of Activities and Changes in Net Position

	Fiscal Year 2017	Fiscal Year 2016	Dollar Change	Percent Change
Operating revenues	\$ 38,333,303	\$ 50,284,840	\$ (11,951,537)	-23.8%
Non-operating revenues	1,001,807	1,124,265	(122,458)	-10.9%
Capital Contributions	2,600,122	2,058,666	541,456	26.3%
Total Revenues	41,935,232	53,467,771	(11,532,539)	-21.6%
Depreciation expense	9,279,531	7,931,726	1,347,805	17.0%
Operating expense	21,892,649	22,817,854	(925,205)	-4.1%
Non-operating expense	8,248,313	8,967,969	(719,656)	-8.0%
Total Expenses	39,420,493	39,717,549	(297,056)	-0.7%
Changes in Net Position	\$ 2,514,739	\$ 13,750,222	\$ (11,235,483)	-81.7%
Beginning net position	79,163,889	65,413,667	13,750,222	21.0%
Beginning net position - adjusted	79,163,889	65,413,667	13,750,222	21.0%
Ending Net Position	\$ 81,678,628	\$ 79,163,889	\$ 2,514,739	3.2%

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BUDGETARY HIGHLIGHTS

The SVCW Commission adopts an annual Operating Fund budget that provides for current activities and establishes a short-term spending plan aligned with SVCW financial goals. Budgets are prepared on the accrual basis of accounting. Table 4 below compares actual and budgeted expenditures for the Operating Fund during the year ended June 30, 2017.

TABLE 4
FY 2016-2017 Actual vs Budget

	<u>Actual</u>	<u>Budget</u>	<u>Dollar Variance</u>	<u>Percent Variance</u>
Member Contributions	\$ 22,549,104	\$ 22,549,103	\$ 1	0.00%
Source Control Revenue	69,724	56,000	13,724	24.51%
Other Revenue	295,102	370,829	(75,727)	-20.42%
Total Operating Revenue	22,913,930	22,975,932	(62,002)	-0.27%
Operations	8,114,728	8,300,593	185,865	2.24%
Maintenance	5,845,384	5,932,900	87,516	1.48%
Laboratory	1,490,025	1,643,647	153,622	9.35%
Environmental Services	960,717	1,094,402	133,685	12.22%
Engineering	359,802	507,159	147,357	29.06%
Informational Services	1,682,948	1,747,490	64,542	3.69%
Safety	331,500	370,779	39,279	10.59%
Administration	3,390,953	3,378,961	(11,992)	-0.35%
Depreciation	9,279,531	9,279,531	-	0.00%
Total Operating Expenses	31,455,588	32,255,462	799,874	2.48%
Operating Income/(Loss)	\$ (8,541,658)	\$ (9,279,530)	\$ 737,872	7.95%

Inclusive of \$9.3 million in depreciation, SVCW reported an operating loss of \$8.5 million, which was \$737.8 thousand less than budgeted during fiscal year 2016-17. Member Contributions revenue matched Budget but Other Revenue ended the year \$76 thousand (20.4%) less than budgeted due to timing of grant reimbursements from a California Energy Commission grant. Total expenditures were \$799.8 thousand (2.5%) less than budgeted and was largely due to the timing of recognizing deferred inflows associated with CalPERS pension earnings.

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CAPITAL ASSETS

SVCW has a ten-year Capital Improvement Program to improve existing facilities, build new facilities, rehabilitate assets, repair or replace infrastructure, preserve assets, enhance safety and security, and perform needed maintenance. Significant investments in infrastructure have included replacement of significant lengths of the influent conveyance pipe, modernization of electronic control systems for activated sludge handling, upgrades of electrical systems. More recently, SVCW entered into design-build agreements for its Regional Environmental Sewer Conveyance Upgrade (RESCU) program. This program replaces an existing forcemain with a gravity pipeline and constructs essential pretreatment facilities.

Consistent with the Capital Improvement Program, the Commission approved these and other capital improvements to protect public health, the environment, and agency facilities. Table 5 below provides a summary of SVCW capital assets and shows how, at the ends of fiscal years 2015-16 and 2016-17, Net Property Plant & Equipment (PP&E) was \$155.4 million and \$156.6 million, respectively.

Additional information about SVCW's capital acquisitions and construction is presented in Note 5 to the financial statements.

TABLE 5
Capital Assets

	Balance at June 30, 2016	Additions	Deletions	Adjustments & Transfers	Balance at June 30, 2017
Land	\$ 1,282,081	\$ -	\$ -	\$ -	\$ 1,282,081
Buildings & Struct.	77,638,983	-	-	6,565,580	84,204,563
Pipelines	55,057,704	-	-	93,300	55,151,004
Pump Stations	6,543,649	-	(20,005)	544,872	7,068,516
Machines & Equip.	86,116,135	-	(170,933)	3,326,574	89,271,776
Total PP&E, Cost	226,638,552	-	(190,938)	10,530,326	236,977,940
Accum. Depreciation	71,199,772	9,279,531	(142,737)	-	80,336,566
Total PP&E, Net	\$ 155,438,780	\$ (9,279,531)	\$ (48,201)	\$ 10,530,326	\$ 156,641,374
Construction in Progress:					
Stage 2 Capacity	\$ 2,867,123	\$ 67,306	\$ -	\$ -	\$ 2,934,429
General	74,316,743	27,809,405	-	(10,530,326)	91,595,822
Total CIP	\$ 77,183,866	\$ 27,876,711	\$ -	\$ (10,530,326)	\$ 94,530,251

LONG TERM DEBT

Including a Line of Credit but excluding Unamortized Premium on outstanding Bonds, SVCW had total long-term debt outstanding of \$188 million as of June 30, 2017, a \$3.4 million increase from June 30, 2016. Components of SVCW's long-term debt liability as of June 30, 2017 include \$130.4 million of Wastewater Revenue Bonds (excluding unamortized premiums of \$17.2 million), Notes Payable

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obligations to the California Clean Water State Revolving Fund for approximately \$54 million, and a line of credit of \$3.5 million.

When SVCW credit rates were last reviewed in November 2016, Moody's upgraded its Wastewater Revenue Bonds rating to Aa2 from Aa3. Standard & Poor's Ratings Services separately affirmed its 'AA' long-term rating with a stable outlook.

Wastewater Revenue Bonds

SVCW has \$130.4 million outstanding in Wastewater Revenue Bonds par value, the proceeds for which were used to acquire and construct wastewater system improvements. These Bonds are limited obligations of SVCW, payable solely from and secured solely by the revenues pledged under the Indenture, consisting primarily of payments made by the City of Redwood, the City of San Carlos, and the West Bay Sanitary District (the "Participating Members"). Table 6 below shows the total bonds outstanding for the fiscal years ended June 30, 2016 and 2017:

TABLE 6
Wastewater Revenue Bonds

Bond	Issue Date	Maturity Date	Interest Rate	Original Issue	Bonds Outstanding July 01, 2016	Issued (Redeemed)	Bonds Outstanding June 30, 2017
2009 Revenue Bond	7/1/2009	8/1/2039	1.74-8.1%	\$ 55,855,000	\$ 4,925,000	\$ (1,160,000)	\$ 3,765,000
2014 Revenue Bond	3/6/2014	2/1/2044	3.0-5.0%	60,000,000	58,205,000	(1,010,000)	57,195,000
2015 Revenue Bond	11/24/2015	8/1/2045	2.0-5.0%	70,200,000	70,200,000	(770,000)	69,430,000
Total Wastewater Revenue Bonds				<u>\$ 186,055,000</u>	<u>\$ 133,330,000</u>	<u>\$(2,940,000)</u>	<u>\$ 130,390,000</u>

State Water Resources Control Board Loan

SVCW has financed three projects by entering into separate sale-repurchase agreements with the State Water Resources Control Board (SWRCB). Combined, the principal due on these agreements totaled \$54 million as of June 30, 2017. The project funds, together with all accrued interest, are repaid in annual installments commencing one year after the completion of construction.

In August 2011, SVCW secured SWRCB funding for the construction of an administration and plant control building. The outstanding liability was \$9.5 million as of June 30, 2017 and is scheduled to be fully repaid by June 2033.

In March 2012, SVCW entered a similar agreement with the SWRCB for up to \$35.4 million for certain improvements to the wastewater treatment plant. As of June 30, 2017, SVCW had incurred \$30.7 million in expenditures and the project was completed in July 2017. The total outstanding balance at completion was \$31.5 million. The first annual payment of \$1.89 million was made October 31, 2017 and the final payment is scheduled October 31, 2036.

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In May 2017, SVCW entered a third SWRCB agreement for up to \$14 million to plan improvements to its conveyance system. As of June 30, 2017, SVCW had incurred the full \$14 million in expenditures under this project by year-end. SVCW intends to consolidate this loan into a subsequent construction loan associated with conveyance projects in 2018.

Line of Credit

On May 29, 2017, SVCW secured a \$30 million line of credit with Wells Fargo Bank. Advances on the line of credit provide for an interest rate based on either a fixed per annum rate of interest equal to the LIBOR rate plus the Applicable LIBOR Rate Margin, or a variable per annum rate of interest equal to the Base Rate plus the Applicable Base Rate Margin. SVCW had \$3.5 million outstanding on the line of credit at June 30, 2017.

More detailed information about SVCW's long-term debt, Notes Payable, and Line of Credit is presented in note 6 to the financial statements.

ECONOMIC FACTORS AND NEXT YEAR'S BUDGET

The approved Operating Budget for fiscal year 2017-18 recommends expenditures based on a prioritization of needs, goals and objectives; it also anticipates external cost pressures and provides a roadmap to meet the needs of the community in the coming fiscal year. The Budget considered ordinary inflationary pressures, and incorporated savings from operational improvements. Personnel costs are relatively unchanged in terms of staffing levels, though adjusted to incorporate terms of a Memorandum of Understanding (MOU) between SVCW and the International Union of Operating Engineers Stationary Local 39, AFL-CIO. This MOU expires June 30, 2018.

Each Member Agency has proactively raised sewer rates to support its allocable share of funding requirements for SVCW's operations and Capital Improvement Program, as well to meet their own operating and capital needs.

Table 7 compares the fiscal year 2017-18 Operating Fund Budget to the fiscal year 2016-17 actual results. Total 2017-18 Operating Expenses are anticipated to increase \$1.7 million (5.5%) from prior year actual expenditures. The largest increase over 2016-17 actual expenditures is in personnel costs. In addition to a \$900 thousand impact of recognizing the timing Deferred Inflows related to CalPERS pension earnings, the Budget provides \$860 thousand for routine salary increases and filling of two vacant positions. Other non-personnel budgeted costs are generally consistent 2016-17 actuals as SVCW continues to incur savings from more efficient capital projects and equipment, as well as other process optimization efforts.

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TABLE 7
FY 2017-2018 Budget vs FY 2016-2017 Actual

	FY 2017-2018 Budget	FY2016-2017 Actual	Dollar Change	Percent Change
Member Contributions	\$ 23,291,325	\$ 22,549,104	\$ 742,221	3.3%
Source Control Revenue	56,486	69,724	(13,238)	-19.0%
Other Revenues	565,122	295,102	270,020	91.5%
Total Operating Revenue	23,912,933	22,913,930	999,003	4.4%
Operations	8,781,725	8,114,728	666,997	8.2%
Maintenance	6,091,043	5,845,384	245,659	4.2%
Laboratory	1,721,762	1,490,025	231,737	15.6%
Environmental Services	1,095,886	960,717	135,169	14.1%
Engineering	554,380	359,802	194,578	54.1%
Information Systems	1,697,101	1,682,948	14,153	0.8%
Safety	381,463	331,500	49,963	15.1%
Administration	3,589,562	3,390,953	198,609	5.9%
Depreciation	9,279,531	9,279,531	-	0.0%
Total Operating Expenses	33,192,453	31,455,588	1,736,865	5.5%
Operating Income/(Loss)	\$ (9,279,520)	\$ (8,541,658)	\$ (737,862)	-8.6%

CONTACTING SILICON VALLEY CLEAN WATER MANAGEMENT

This financial report is designed to provide SVCW officers, investors, stakeholders, and other interested parties with a general overview of SVCW's financial condition. If you have any questions about this report or need additional financial information, please contact the offices of the General Manager or the Chief Financial Officer at Silicon Valley Clean Water, (650) 832-6224, 1400 Radio Road, Redwood City, CA, 94065.

BASIC FINANCIAL STATEMENTS

Silicon Valley Clean Water
Statement of Net Position
June 30, 2017
(With Comparative Totals as of June 30, 2016)

Assets	2017	2016
Current Assets:		
Cash and investments	\$ 30,047,972	\$ 28,315,756
Accounts receivable	10,194,719	15,784,338
Interest receivable	514,607	524,026
Employee notes receivable	21,741	12,672
Deposits	-	93,300
Inventory	1,828,192	1,720,615
Prepaid expenses	198,984	38,537
Total Current Assets	42,806,215	46,489,244
Noncurrent Assets:		
Investment in real estate	2,552,962	2,552,962
Cash with fiscal agent	5,602,191	20,591,923
OPEB asset	2,641,436	2,006,091
Capital assets - net:		
Depreciable capital assets:		
Plant in service - net	155,359,294	154,156,699
Non-depreciable capital assets:		
Land	1,282,081	1,282,081
Construction in progress:		
Stage 2	2,934,429	2,867,123
General	91,595,821	74,316,743
Total Capital assets - net	251,171,625	232,622,646
Total Noncurrent Assets - Net	261,968,214	257,773,622
Total Assets	\$ 304,774,429	\$ 304,262,866
Deferred Outflows of Resources		
Pension Contributions and Adjustments	\$ 3,609,256	\$ 2,947,263
Deferred Loss on Defeasance	508,130	600,664
Total Deferred Outflows of Resources	\$ 4,117,386	\$ 3,547,927
Liabilities		
Current Liabilities:		
Accounts payable	\$ 3,062,607	\$ 6,218,324
Accrued payroll and employee benefits	682,100	1,158,427
Accrued interest payable	4,166,921	4,220,963
Unearned revenue	297,280	1,246,444
Noncurrent liabilities due within one year	5,749,478	4,177,590
Total Current Liabilities	13,958,386	17,021,748
Noncurrent liabilities due in more than one year	211,901,897	207,499,387
Total Liabilities	\$ 225,860,283	\$ 224,521,135
Deferred inflows of Resources		
Pension Differences Between Actual and Expected Returns	\$ 1,352,904	\$ 4,125,769
Net Position		
Net Investment in Capital Assets	\$ 51,472,947	\$ 50,662,258
Restricted for:		
Debt service	5,063,980	5,040,771
Unrestricted	25,141,701	23,460,860
Total Net Position	\$ 81,678,628	\$ 79,163,889

The notes to basic financial statements are an integral part of this statement

Silicon Valley Clean Water
Statement of Activities and Changes in Net Position
For the Fiscal Year Ended June 30, 2017
(With Comparative Totals for the Fiscal Year Ended June 30, 2016)

	2017	2016
Operating Revenues:		
Member contributions for services	\$ 22,768,357	\$ 22,118,913
Member contributions for cash reserves	3,315,348	3,158,796
Member contributions for debt service	11,877,963	10,513,768
Member contributions for cash in-lieu-of financing	-	14,174,489
Sources control charges	69,724	42,065
Miscellaneous revenues	301,911	276,809
Total operating revenues	<u>38,333,303</u>	<u>50,284,840</u>
Operating Expenses:		
Operations	8,043,786	8,469,525
Maintenance	5,690,268	5,734,661
Laboratory	1,437,783	1,594,084
Environmental services	914,870	958,571
Engineering	399,315	474,546
Information systems	1,655,229	1,525,354
Safety	322,260	335,727
Administration	3,429,138	3,696,801
Claims paid	-	28,585
Depreciation	9,279,531	7,931,726
Total operating expenses	<u>31,172,180</u>	<u>30,749,580</u>
Operating Income (Loss)	<u>7,161,123</u>	<u>19,535,260</u>
Nonoperating Revenues (Expenses):		
Grants	271,125	-
Stage 2 capacity fees	2,600,122	2,058,666
Interest by fund:		
Operations fund	16,419	15,586
Stage 2 capacity fund	13,260	105,552
Capital improvement reserve fund	24,889	206,864
Self insurance fund	33	57
Operating reserve fund	15,903	49,093
Recycled water fund	29	38
Capital improvement fund	89,670	116,838
Net increase (decrease) in fair value of investments	(57,904)	1,853
Interest expense	(8,200,112)	(8,950,017)
Premium amortization	628,383	628,384
Gain (loss) on disposal of fixed assets	(48,201)	(17,952)
Total nonoperating revenues (expenses)	<u>(4,646,384)</u>	<u>(5,785,038)</u>
Change in Net Position	2,514,739	13,750,222
Beginning Net Position	<u>79,163,889</u>	<u>65,413,667</u>
Ending Net Position	<u>\$ 81,678,628</u>	<u>\$ 79,163,889</u>

The notes to basic financial statements are an integral part of this statement

Silicon Valley Clean Water
Statement of Cash Flows
For the Fiscal Year Ended June 30, 2017
(With Comparative Totals for the Fiscal Year Ended June 30, 2016)

	2017	2016
Cash Flows from Operating Activities:		
Cash received from member agencies	\$ 43,123,993	\$ 52,042,284
Cash paid to suppliers for goods and services and employees for services	(23,564,270)	(22,664,008)
Other cash received (paid)	301,911	257,434
Net Cash Provided (Used) by Operating Activities	<u>19,861,634</u>	<u>29,635,710</u>
Cash Flows from Capital and Related Financing Activities:		
Cash received from member agencies other than for services	2,138,907	2,058,666
Cash received from grants	271,125	-
Cash paid for investment in real estate	-	(857)
Proceeds from capital debt	14,396,887	88,139,927
Interest paid on capital debt	(8,161,620)	(7,712,475)
Principal paid on capital debt	(11,019,946)	(60,795,599)
Purchases and construction of capital assets	(30,856,221)	(42,729,535)
Net Cash Provided (Used) by Capital and Related Financing Activities	<u>(33,230,868)</u>	<u>(21,039,873)</u>
Cash Flows from Investing Activities:		
Investment income	111,718	503,952
Net Cash Provided (Used) by Investing Activities	<u>111,718</u>	<u>503,952</u>
Net Increase (Decrease) in Cash and Cash Equivalents	(13,257,516)	9,099,789
Cash and Cash Equivalents Beginning	48,907,679	39,807,890
Cash and Cash Equivalents Ending	<u>\$ 35,650,163</u>	<u>\$ 48,907,679</u>
Reconciliation of Operating Income (Loss) to Cash Flows Provided (Used) by Operating Activities:		
Operating Income (Loss)	\$ 7,161,123	\$ 19,535,260
Adjustments to reconcile operating income (loss) to net cash provided (used) by operating activities:		
Depreciation	9,279,531	7,931,726
Amortization of issuance costs	-	50,605
Depreciation and capital asset adjustments	-	(17,952)
Pension expense adjustment - GASB 68	(264,929)	650,160
Net change in:		
Accounts receivable	6,050,834	780,069
Employee notes receivable	(9,069)	8,790
Inventory	(107,577)	(149,011)
Prepaid expenses	(160,447)	(643)
Deposits	93,300	(413)
Net OPEB asset	(635,345)	(533,641)
Accounts payable	(176,206)	(76,500)
Accrued payroll and employee benefits	(476,327)	147,368
Unearned revenue	(949,164)	1,245,394
Accrued compensated absences	55,910	64,498
Net Cash Provided (Used) by Operating Activities	<u>\$ 19,861,634</u>	<u>\$ 29,635,710</u>

The notes to basic financial statements are an integral part of this statement

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NOTE 1 - NATURE OF ORGANIZATION

Silicon Valley Clean Water (SVCW, or “the Authority”), formerly South Bayside System Authority, was founded in 1975 as the successor to the Strategic Consolidation Sewerage Plan. SVCW took title to all property of the Strategic Consolidation Sewerage Plan. SVCW maintains and operates sanitary sewerage pumping, transmission and outfall facilities constructed by the Strategic Consolidation Sewerage Plan. In addition, SVCW has constructed and is operating sewerage treatment plant facilities. The members of SVCW are the Cities of Belmont, Redwood City, San Carlos, and the West Bay Sanitary District.

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation and Accounting

All activities of SVCW are accounted for within enterprise funds. SVCW's financial statements include a Statement of Net Position, a Statement of Activities and Changes in Net Position and a Statement of Cash Flows.

The financial statements are presented on an "economic resources" measurement focus and the accrual basis of accounting. Accordingly, all of SVCW's assets (including capital assets, as well as infrastructure assets), deferred outflows of resources, liabilities, deferred inflows of resources, and long-term liabilities are included in the accompanying Statement of Net Position. The Statement of Activities presents changes in net position. Under the accrual basis of accounting, revenues are recognized in the period in which they are earned while expenses are recognized in the period in which the liability is incurred.

Deferred outflows of resources is a consumption of net assets by SVCW that is applicable to a future reporting period. For example, prepaid items and deferred charges. Deferred inflows of resources is an acquisition of net assets by SVCW that is applicable to a future reporting period. For example, unearned revenue and advance collections.

Unearned revenue arises when assets are received before revenue recognition criteria have been satisfied. Grants and entitlements received before eligibility requirements are met are recorded as deferred inflows from unearned revenue.

SVCW applies all applicable GASB pronouncements for certain accounting and financial reporting guidance. In December of 2010, GASB issued *GASB No. 62, Codification of Accounting and Financial Reporting Guidance Contained in Pre-November 30, 1989 FASB and AICPA Pronouncements*. This statement incorporates pronouncements issued on or before November 30, 1989 into GASB authoritative literature. This includes pronouncements by the Financial Accounting Standards Board (FASB), Accounting Principles Board Opinions (APB), and the Accounting Research Bulletins of the American Institute of Certified Public Accountants' (AICPA) Committee on Accounting Procedure, unless those pronouncements conflict with or contradict with GASB pronouncements.

Statement of Net Position

The statement of net position is designed to display the financial position of SVCW. SVCW's net position is classified into three categories as follows:

- Net investment in capital assets - This component of net position consists of capital assets, including restricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, notes, or other borrowings that are attributable to the acquisition, construction, or improvement of those assets. Deferred outflows of resources and

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deferred inflows of resources that are attributable to the acquisition, construction, or improvement of those assets or related debt are also included in this component of net position, as applicable.

- **Restricted** - This component of net position consists of constraints placed on an assets use through external constraints imposed by creditors (such as through debt covenants), grantors, contributors, or law and regulations of other governments, and reduced by liabilities and deferred inflows of resources related to those assets. It also pertains to constraints imposed by law or constitutional provisions or enabling legislation.
- **Unrestricted** - This component of net position consists of the net amount of the assets, deferred outflows of resources, liabilities, and deferred inflows of resources that are not included in the determination of net investment in capital assets or the restricted component of net position. SVCW first applies restricted resources when an expense is incurred for purposes for which both restricted and unrestricted net position are available.

Statement of Revenues, Expenses, and Changes in Net Position

The statement of revenues, expenses, and changes in net position is the operating statement for proprietary funds. This statement distinguishes between operating and non-operating revenues and expenses and presents a separate subtotal for operating revenues, operating expenses, and operating income. Operating revenues in the enterprise funds are those revenues that are generated from the primary operations of the fund. All other revenues are reported as non-operating revenues. Operating expenses are those expenses that are essential to the primary operations of the fund. All other expenses are reported as non-operating expenses.

Budgets and Budgetary Accounting

SVCW adopted a one year budget which provides for the general operations of SVCW. Budgets are prepared on the accrual basis of accounting. Project-length financial plans are adopted for all capital projects.

Cash and Cash Equivalents

For the purposes of the statement of cash flows, cash represents balances that can be readily withdrawn without substantial notice or penalty. Cash equivalents are defined as short-term, highly liquid investments that are both readily convertible to known amounts of cash or so near their maturity that they present insignificant risk of changes in value because of changes in interest rates, and have an original maturity date of three months or less.

In accordance with GASB Statement No. 40, *Deposit and Investment Disclosures (Amendment of GASB No.3)*, certain disclosure requirements for deposits and investment risks were made in the areas of interest rate risk and credit risk. The credit risk disclosures include the following components; overall credit risk, custodial credit risk and concentrations of credit risk. In addition, other disclosures are specified including use of certain methods to present deposits and investments, highly sensitive investments, credit quality at year-end and other disclosures.

Investments

SVCW participates in various investments, including an investment pool managed by the State of California known as the Local Agency Investment Fund (LAIF), which has invested a portion of the pooled funds in structured notes and asset-backed securities. LAIF's investments are subject to credit risk

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with the full faith and credit of the State of California collateralizing these investments. In addition, the structured notes and asset-backed securities are subject to market risk as to change in interest rates.

Investments are recorded at fair value in accordance with GASB Statement No. 72, *Fair Value Measurement and Application*. Accordingly, the change in fair value of investments is recognized as an increase or decrease to investment assets and investment income. This statement changed the definition of fair value and is effective for periods beginning after June 15, 2015.

The following is a summary of the definition of fair value:

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction. In determining this amount, three valuation techniques are available:

- Market approach - This approach uses prices generated for identical or similar assets or liabilities. The most common example is an investment in a public security traded in an active exchange such as the NYSE.
- Cost approach - This technique determines the amount required to replace the current asset. This approach may be ideal for valuing donations of capital assets or historical treasures.
- Income approach - This approach converts future amounts (such as cash flows) into a current discounted amount.

Each of these valuation techniques requires inputs to calculate a fair value. Observable inputs have been maximized in fair value measures, and unobservable inputs have been minimized.

Receivables

Receivables include amounts due from member assessments, services performed for other agencies, and from the state of California. All receivables are current and reported net of an allowance for uncollectible accounts. The allowance for uncollectible accounts was zero as of June 30, 2017.

Inventories

Inventories are valued using the average cost method. Inventories are recorded as expenses when consumed rather than when purchased.

Capital Assets

Property, plant and equipment purchased after June 30, 1992 are stated at cost. Prior acquisitions are stated at their appraised value as of June 30, 1992. Property, plant and equipment contributed to SVCW are stated at estimated fair value at the time of contribution. SVCW policy has set the capitalization threshold for reporting capital assets at \$20,000. Depreciation is computed using the straight-line method over the estimated useful lives of the assets generally as outlined by the State Controller's Report on Fixed Assets. The purpose of depreciation is to spread the cost of plant and equipment equitably among all customers over the life of these assets, so that each customer's bill includes a pro rata share of the cost of these assets. The amount charged to depreciation expense each year represents that year's pro rata share of plant and equipment cost

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Depreciation of all plant and equipment in service is charged as an expense against operations each year and the total amount of depreciation taken over the years, called accumulated depreciation, is reported on the statement of net position as a reduction in the book value of the capital assets.

SVCW has assigned the useful lives listed below to plant and equipment:

Buildings and Structures	50-70
Pipelines	35
Pump Stations	7-25
Machinery and Equipment	5-10

Compensated Absences

SVCW has a policy whereby an employee can accumulate unused vacation. Compensated absences are recorded as a liability when accrued. Accumulated vacation is computed using current employee accumulated vacation hours at current pay rates. SVCW does not offer payment for sick leave at termination or retirement.

Pensions

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Authority's California Public Employees' Retirement System (CalPERS) plans (the Plans) and additions to/deductions from the Plans' fiduciary net position have been determined on the same basis as they are reported by CalPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Accounting Estimates

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes.

Subsequent Events

Management has reviewed subsequent events and transactions that occurred after the date of the financial statements through the date the financial statements were issued. The financial statements include all events or transactions, including estimates, required to be recognized in accordance with generally accepted accounting principles. Management has determined that there are no non-recognized subsequent events that require additional disclosure, except as follows:

New Accounting Pronouncements

GASB Statement No. 77, Tax Abatement Disclosures. - Effective date: the requirements of this Statement are effective for reporting periods beginning after December 15, 2015 (earlier application was encouraged and was applied at the District).

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This Statement requires governments that enter into tax abatement agreements to disclose the following information about the agreements:

- Brief descriptive information, such as the tax being abated, the District under which tax abatements are provided, eligibility criteria, the mechanism by which taxes are abated, provisions for recapturing abated taxes, and the types of commitments made by tax abatement recipients
- The gross dollar amount of taxes abated during the period
- Commitments made by a government, other than to abate taxes, as part of a tax abatement agreement.

The implementation of this statement did not have a significant impact on SVCW's financial statements and did not result in any prior period restatements or adjustments.

GASB Statement No. 78, *Pensions Provided through Certain Multiple-Employer Defined Benefit Pension Plans* - The objective of this Statement is to address a practice issue regarding the scope and applicability of GASB Statement No. 68, *Accounting and Financial Reporting for Pensions*. This issue is associated with pensions provided through certain multiple-employer defined benefit pension plans and to state or local governmental employers whose employees are provided with such pensions.

Prior to the issuance of this GASB 78, the requirements of GASB 68 applied to the financial statements of all state and local governmental employers whose employees are provided with pensions through pension plans that are administered through trusts that meet the criteria in paragraph 4 of that statement.

GASB 78 amends the scope and applicability of GASB 68 to exclude pensions provided to employees of state or local governmental employers through a cost-sharing multiple-employer defined benefit pension plan that (1) is not a state or local governmental pension plan, (2) is used to provide defined benefit pensions both to employees of state or local governmental employers and to employees of employers that are not state or local governmental employers, and (3) has no predominant state or local governmental employer (either individually or collectively with other state or local governmental employers that provide pensions through the pension plan). This Statement establishes requirements for recognition and measurement of pension expense, expenditures, and liabilities; note disclosures; and required supplementary information for pensions that have the characteristics described above.

The implementation of this statement did not have a significant impact on SVCW's financial statements and did not result in any prior period restatements or adjustments.

Upcoming New Accounting Pronouncements

GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions* - The provisions in Statement 75 are effective for fiscal years beginning after June 15, 2017. The primary objective of this Statement is to improve accounting and financial reporting by state and local governments for postemployment benefits other than pensions (other postemployment benefits or OPEB). It also improves information provided by state and local governmental employers about financial support for OPEB that is provided by other entities. This Statement replaces the requirements of Statements No. 45, *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*, as amended, and No. 57, *OPEB Measurements by Agent Employers and Agent Multiple-Employer Plans*, for OPEB. Statement No. 74, *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans*, establishes new accounting and financial reporting requirements for OPEB plans.

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The scope of this Statement addresses accounting and financial reporting for OPEB that is provided to the employees of state and local governmental employers. This Statement establishes standards for recognizing and measuring liabilities, deferred outflows of resources, deferred inflows of resources, and expense/expenditures. For defined benefit OPEB, this Statement identifies the methods and assumptions that are required to be used to project benefit payments, discount projected benefit payments to their actuarial present value, and attribute that present value to periods of employee service. Note disclosure and required supplementary information requirements about defined benefit OPEB also are addressed.

In addition, this Statement details the recognition and disclosure requirements for employers with payables to defined benefit OPEB plans that are administered through trusts that meet the specified criteria and for employers whose employees are provided with defined contribution OPEB. This Statement also addresses certain circumstances in which a nonemployer entity provides financial support for OPEB of employees of another entity.

In this Statement, distinctions are made regarding the particular requirements depending upon whether the OPEB plans through which the benefits are provided are administered through trusts that meet the following criteria:

- Contributions from employers and nonemployer contributing entities to the OPEB plan and earnings on those contributions are irrevocable.
- OPEB plan assets are dedicated to providing OPEB to plan members in accordance with the benefit terms.
- OPEB plan assets are legally protected from the creditors of employers, nonemployer contributing entities, the OPEB plan administrator, and the plan members.

SVCW is in the process of determining the impact this statement will have on the financial statements.

GASB Statement No. 81, Irrevocable Split-Interest Agreements - The objective of this Statement is to improve accounting and financial reporting for irrevocable split-interest agreements by providing recognition and measurement guidance for situations in which a government is a beneficiary of the agreement.

Split-interest agreements are a type of giving agreement used by donors to provide resources to two or more beneficiaries, including governments. Split-interest agreements can be created through trusts—or other legally enforceable agreements with characteristics that are equivalent to split-interest agreements—in which a donor transfers resources to an intermediary to hold and administer for the benefit of a government and at least one other beneficiary. Examples of these types of agreements include charitable lead trusts, charitable remainder trusts, and life-interests in real estate.

This Statement requires that a government that receives resources pursuant to an irrevocable split-interest agreement recognize assets, liabilities, and deferred inflows of resources at the inception of the agreement. Furthermore, this Statement requires that a government recognize assets representing its beneficial interests in irrevocable split-interest agreements that are administered by a third party, if the government controls the present service capacity of the beneficial interests. This Statement requires that a government recognize revenue when the resources become applicable to the reporting period. The requirements of this Statement are effective for financial statements for periods beginning after December 15, 2016, and should be applied retroactively. Earlier application is encouraged. SVCW doesn't believe this statement will have a significant impact on SVCW's financial statements.

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GASB Statement No. 82, *Pension Issues - an amendment of GASB Statements No. 67, No. 68, and No. 73* - The objective of this Statement is to address certain issues that have been raised with respect to Statements No. 67, *Financial Reporting for Pension Plans*, No. 68, *Accounting and Financial Reporting for Pensions*, and No. 73, *Accounting and Financial Reporting for Pensions and Related Assets That Are Not within the Scope of GASB Statement 68, and Amendments to Certain Provisions of GASB Statements 67 and 68*. Specifically, this Statement addresses issues regarding (1) the presentation of payroll-related measures in required supplementary information, (2) the selection of assumptions and the treatment of deviations from the guidance in an Actuarial Standard of Practice for financial reporting purposes, and (3) the classification of payments made by employers to satisfy employee (plan member) contribution requirements.

The requirements of this Statement are effective for reporting periods beginning after June 15, 2016, except for the requirements of GASB 82 for selection of assumptions in a circumstance in which an employer's pension liability is measured as of a date other than the employer's most recent fiscal year-end. In that circumstance, the requirements for the selection of assumptions are effective for that employer in the first reporting period in which the measurement date of the pension liability is on or after June 15, 2017. Earlier application is encouraged. SVCW doesn't believe this statement will have a significant impact on SVCW's financial statements.

GASB Statement No. 83, *Certain Asset Retirement Obligations* - This Statement addresses accounting and financial reporting for certain asset retirement obligations (AROs). An ARO is a legally enforceable liability associated with the retirement of a tangible capital asset. A government that has legal obligations to perform future asset retirement activities related to its tangible capital assets should recognize a liability based on the guidance in this Statement. The requirements of this Statement are effective for financial statements for periods beginning after June 15, 2018. Earlier application is encouraged. SVCW doesn't believe this statement will have a significant impact on SVCW's financial statements.

GASB Statement No. 84, *Fiduciary Activities* - The objective of this Statement is to improve guidance regarding the identification of fiduciary activities for accounting and financial reporting purposes and how those activities should be reported.

This Statement establishes criteria for identifying fiduciary activities of all state and local governments. The focus of the criteria generally is on (1) whether a government is controlling the assets of the fiduciary activity and (2) the beneficiaries with whom a fiduciary relationship exists. Separate criteria are included to identify fiduciary component units and postemployment benefit arrangements that are fiduciary activities. The requirements of this Statement are effective for financial statements for periods beginning after December 15, 2018. Earlier application is encouraged. SVCW doesn't believe this statement will have a significant impact on SVCW's financial statements.

GASB Statement No. 86, *Certain Debt Extinguishment Issues* - The primary objective of this Statement is to improve consistency in accounting and financial reporting for in-substance defeasance of debt by providing guidance for transactions in which cash and other monetary assets acquired with only existing resources—resources other than the proceeds of refunding debt—are placed in an irrevocable trust for the sole purpose of extinguishing debt. This Statement also improves accounting and financial reporting for prepaid insurance on debt that is extinguished and notes to financial statements for debt that is defeased in substance. The requirements of this Statement are effective for financial statements for periods beginning after June 15, 2017. Earlier application is encouraged. SVCW doesn't believe this statement will have a significant impact on SVCW's financial statements.

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NOTE 3 - CASH AND INVESTMENTS

SVCW's cash and investments consisted of the following as of June 30, 2017 and 2016:

Cash and Investments	June 30. 2017	June 30. 2016	Investment Rating
Cash Deposits:			
Demand deposits	\$ 290,844	\$ 408,955	n/a
Cash on hand	1,000	1,000	n/a
Total Cash Deposits	291,844	409,955	
Investments:			
US Treasuries	138,850	-	n/a
Agencies	25,366,854	18,636,582	A-/A3
Commercial paper/corp bonds	2,398,117	2,672,468	A-/A3
Municipal bonds/notes	3,911,208	2,307,210	A-/A3
Money Market/Certificates of Deposit	2,026,757	6,435,233	n/a
State of California Local Agency Investment	1,516,533	18,446,231	Not rated
Total Investments	35,358,319	48,497,724	
Total Cash and Investments	<u>\$ 35,650,163</u>	<u>\$ 48,907,679</u>	

The following is a summary of the Authority's cash and investments as of June 30, 2017:

Description	Available	Restricted	Total
Cash and investments	<u>\$ 30,047,972</u>	<u>\$ 5,602,191</u>	<u>\$ 35,650,163</u>

The following is a summary of the Authority's investments by maturity as of June 30, 2017:

Maturity	June 30. 2017	June 30. 2016
0-1 years	\$ 10,814,114	\$ 29,261,665
1-2 years	4,479,197	7,615,045
2-3 years	13,498,717	5,585,113
2-5 years	6,566,291	6,035,901
Total Investments	<u>\$ 35,358,319</u>	<u>\$ 48,497,724</u>

Cash Deposits

Interest bearing bank balances are insured up to \$250,000 per bank by the Federal Deposit Insurance Company ("FDIC"). SVCW's cash in bank did not exceed the insured limit as of June 30, 2017. All of SVCW's deposits with financial institutions were held in collateralized accounts.

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Fair Value Measurements

GASB 72 established a hierarchy of inputs to the valuation techniques above. This hierarchy has three levels:

- Level 1 inputs are quoted prices in active markets for identical assets or liabilities.
- Level 2 inputs are quoted market prices for similar assets or liabilities, quoted prices for identical or similar assets or liabilities in markets that are not active, or other than quoted prices that are not observable
- Level 3 inputs are unobservable inputs, such as a property valuation or an appraisal.

The Entity has the following recurring fair value measurements as of June 30, 2017 and 2016:

- California Local Agency Investment Fund (LAIF) of \$1,516,533 and \$18,446,231 were valued using Level 2 inputs.
- Certificate of deposits and money market accounts of \$2,026,757 and \$6,435,233 were valued using Level 2 inputs.
- Investments in agencies, commercial paper, corporate bonds, municipal bonds and notes of \$31,815,029 and \$23,616,260 were valued using Level 1 inputs.

Collateral and Categorization Requirements

The California Government Code requires California banks and savings and loan associations to secure an agency's deposits by pledging government securities as collateral. The market value of pledged securities must equal at least 110% of an agency's deposits. California law also allows financial institutions to secure an agency's deposits by pledging first trust deed mortgage notes having a value of at least 150% of an agency's total deposits.

Restricted Cash

SVCW's restricted cash consisted of \$5,602,191 in cash and investments as of June 30, 2017 held by trustees or fiscal agent, of which \$5,063,980 is pledged for the payment or security of bonds.

Local Agency Investment Fund

LAIF allows local agencies such as SVCW to participate in a Pooled Money Investment Account managed by the State Treasurer's Office and overseen by the Pooled Money Investment Board and State Treasurer investment committee. The Local Agency Investment Advisory Board oversees LAIF. The investments with LAIF are not classified for credit risk due to their diverse nature and are stated at cost, which approximates fair value. The total amount invested by all public agencies in LAIF, as of June 30, 2017, was approximately \$77.6 billion. Of that amount, 99.23% is invested in non-derivative financial products and .77% in structured notes and asset-backed securities.

Investment Policy

SVCW's investment guidelines as defined by its written investment policy were approved by the Commission, who also establishes its implementation and direction. Monthly, the Board ratifies the investments that have been made.

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SVCW's investment policy follows the California Government Code which authorizes SVCW to invest in the following:

Authorized Investment Type	Maximum Maturity	Maximum Investment in One Issuer
Certificates of Deposit	1 years	\$ 2,000,000
Bankers' Acceptances	180 days	3,000,000
Commercial Paper	15 days	1,000,000
Treasury Bills, Notes and Bonds	5 years	2,000,000
Securities in U.S. Government Agencies	5 years	-
Passbook Savings Accounts	-	250,000
Local Agency Investment Fund (LAIF)	-	40,000,000

Risk Disclosures

Limitations as they relate to interest rate risk, credit risk, and concentration of credit risk are described below:

- *Interest Rate Risk* - Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value to the changes in market interest rates. In order to limit loss exposure due to Interest Rate Risk, the investment policy limits the length of maturity of investments.
- *Credit Risk* - Credit risk is the risk of loss due to the failure of the security issuer. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. In order to limit loss exposure due to Credit Risk, the investment policy limits purchases of investments to those rated A-1 by Standard & Poor's or P-1 by Moody's Investors Service.
- *Custodial Credit Risk* - Custodial credit risk is the risk that in the event of a bank failure, SVCW's deposits may not be returned to it. Or, in the case of investments, the risk of loss of the investment due failure, impairment or malfeasance of the third party whose name in which the investment is held and who has physical possession of the instrument. In order to limit loss exposure due to Custodial Credit Risk, the investment policy requires all securities be received and delivered using the standard delivery versus payment (DVP) procedure, and all securities be held by a third party bank or trust department under the terms of a custody or trustee agreement. None of SVCW's investments were subject to custodial credit risk.
- *Concentration of Credit Risk* - See the chart above for SVCW's limitations on the amount that can be invested in any one issuer. As of June 30, 2017, 4% of SVCW's cash was invested in LAIF, 71% in agencies, 7% in commercial paper and corporate bonds, 11% in municipal bonds and notes, 6% in money market accounts and government securities, and 1% was deposited in banks or was cash on hand.

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NOTE 4 - EMPLOYEE NOTES RECEIVABLE

All full-time and part-time SVCW employees are eligible to obtain an interest-free loan to purchase a computer or certain tools. All requests for loans must be approved by the Department Manager and Administrative Services Manager. Repayment of these loans is handled through payroll deductions which are spread equally over a two year period. Employees must pay off any outstanding balance of their loans upon ending employment with SVCW. As of June 30, 2017 and 2016, outstanding balances for notes receivable were \$21,741 and \$12,672, respectively.

NOTE 5 - CAPITAL ASSETS (PROPERTY, PLANT AND EQUIPMENT)

SVCW's capital assets consisted of the following as of June 30, 2017:

Capital Assets	Balance July 01, 2016	Additions	Deletions	Adjustments/ Transfer	Balance June 30, 2017
Non-depreciable:					
Land	\$ 1,282,081	\$ -	\$ -	\$ -	\$ 1,282,081
Construction in Progress					
Stage 2	2,867,123	67,306	-	-	2,934,429
General	74,316,743	27,809,405	-	(10,530,326)	91,595,822
Total Non-Depreciable	78,465,947	27,876,711	-	(10,530,326)	95,812,332
Depreciable:					
Buildings and structures	77,638,983	-	-	6,565,580	84,204,563
Pipelines	55,057,704	-	-	93,300	55,151,004
Pump station	6,543,649	-	(20,005)	544,872	7,068,516
Machinery and equipment	86,116,135	-	(170,933)	3,326,574	89,271,776
Total Depreciable	225,356,471	-	(190,938)	10,530,326	235,695,859
Less Accumulated Depreciation for:					
Buildings and structures	(32,934,853)	(2,722,148)	-	-	(35,657,001)
Pipelines	(6,469,594)	(1,702,144)	-	-	(8,171,738)
Pump station	(5,357,240)	(154,532)	10,576	-	(5,501,196)
Machinery and equipment	(26,438,085)	(4,700,707)	132,161	-	(31,006,631)
Total Accumulated Depreciation	(71,199,772)	(9,279,531)	142,737	-	(80,336,566)
Total Depreciable PPE - Net	154,156,699	(9,279,531)	(48,201)	10,530,326	155,359,293
Total PPE - Net	\$232,622,646	\$ 18,597,180	\$ (48,201)	\$ -	\$251,171,625

Depreciation expense for the year ended June 30, 2017 and 2016 was \$9,279,531 and \$7,931,726, respectively.

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NOTE 6 - NONCURRENT LIABILITIES

SVCW's noncurrent liabilities consisted of the following as of June 30, 2017:

Description	Balance July 01, 2016	Additions	Deductions	Balance June 30, 2017	Due Within One Year
Wastewater Revenue Bonds	\$ 133,330,000	\$ -	\$ 2,940,000	130,390,000	\$ 3,050,000
Unamortized Premium	17,818,902	-	628,383	17,190,519	-
Note Payable	48,103,409	6,596,887	479,946	54,220,350	1,885,923
Line of Credit	3,300,000	7,800,000	7,600,000	3,500,000	-
Net Pension Obligation	8,367,022	5,641,649	2,471,720	11,536,951	-
Compensated Absences	757,644	55,911	-	813,555	813,555
Total Noncurrent Liabilities	\$ 211,676,977	\$ 20,094,447	\$ 14,120,049	\$ 217,651,375	\$ 5,749,478

Wastewater Revenue Bonds

SVCW's Wastewater revenue bonds consisted of the following as of June 30, 2017:

Waterwater Revenue Bond	Issue Date	Maturity Date	Interest Rate	Original Issue	Bonds Outstanding July 01, 2016	Issued	Redeemed	Bonds Outstanding June 30, 2017
2009 Bond	2009	2039	1.74-8.1%	\$ 55,855,000	\$ 4,925,000	\$ -	\$ 1,160,000	\$ 3,765,000
2014 Bond	2014	2044	3-5%	60,000,000	58,205,000	-	1,010,000	57,195,000
2015 Bond	2015	2045	2-5%	70,200,000	70,200,000	-	770,000	69,430,000
Total Wastewater Revenue Bonds				\$ 186,055,000	\$ 133,330,000	\$ -	\$ 2,940,000	\$ 130,390,000

2009 Wastewater Revenue Bonds

In July 2009, SVCW issued \$55,855,000 of Revenue Bonds. The Bonds were issued to finance the acquisition and construction of capital improvements to SVCW's wastewater system; fund the debt service reserve fund, and pay costs of issuing the Bonds. The Bonds are limited obligations of SVCW which are payable solely from and secured solely by the revenues pledged under the indenture, consisting primarily of payments made by the City of Redwood, the City of San Carlos, and the West Bay Sanitary District (the "Participating Members"). Annual principal and interest payments on the bonds are expected to require less than 10 percent of net revenues.

2014 Wastewater Revenue Bonds

In March 2014, SVCW issued \$60,000,000 of Revenue Bonds. The Bonds were issued to finance the acquisition and construction of capital improvements to SVCW's wastewater system and pay costs of issuing the Bonds. The Bonds are limited obligations of SVCW which are payable solely from and secured solely by the revenues pledged under the indenture, consisting primarily of payments made by the City of Redwood, the City of San Carlos, and the West Bay Sanitary District (the "Participating Members"). Annual principal and interest payments on the bonds are expected to require less than 10 percent of net revenues.

2015 Wastewater Revenue Bonds

Wastewater Revenue Bonds in the amount of \$70,200,000 were executed on November 24, 2015. The funds were used to refund the Authority's current outstanding Wastewater Revenue Bonds captioned 2008 Wastewater Revenue Bonds and 2009 Build America Bonds, and to finance certain improvements to the Authority's

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wastewater treatment system. In conjunction with the issuance of the 2015 Wastewater Revenue Bonds and in accordance with the Authority's refunding plan, \$53,246,823 was deposited with an escrow agent to provide for payment when due of all principal and interest with respect to the 2008 and 2009 refunded Bonds. The advance refunding resulted in a difference between the reacquisition price and the net carrying amount of the old debt of approximately \$703,660. The difference, reported in the accompanying financial statements as a deduction from bonds payable, will be amortized over the useful life of the refunded bonds using the straight line method. For financial reporting purposes, the refunded portion of the debt is considered defeased and therefore removed as a liability from these financial statements. As of June 30, 2017 there was \$7,405,000 of defeased 2008 bonds outstanding and \$44,765,000 of defeased 2009 bonds outstanding, both to be paid from escrow funds. Interest is payable semi-annually on February 1st and August 1st of each year while principal payments are made on August 1st of each year commencing 2016, with interest rates ranging from 2% to 5%. These wastewater revenue bonds are secured by a pledge of Member revenues.

Wastewater Revenue Bonds Debt Service

The debt service requirements for the bonds as of June 30, 2017 were as follows:

Fiscal Year	Principal	Interest to Maturity	Total
2018	\$ 3,050,000	\$ 9,957,539	\$ 13,007,539
2019	3,160,000	9,807,255	12,967,255
2020	3,295,000	7,881,096	11,176,096
2021	3,250,000	5,945,000	9,195,000
2022	3,410,000	5,780,000	9,190,000
2023-2027	19,760,000	26,123,875	45,883,875
2028-2032	23,850,000	20,651,625	44,501,625
2033-2037	28,055,000	14,384,700	42,439,700
2038-2042	29,390,000	6,978,300	36,368,300
2043-2047	13,170,000	1,160,125	14,330,125
Total	<u>\$ 130,390,000</u>	<u>\$ 108,669,515</u>	<u>\$ 239,059,515</u>

Wastewater Revenue Bonds - Build America Bonds Refundable Credit

SVCW elected to treat the 2009 Wastewater Revenue Bonds as Build America Bonds under section 54AA of the Tax Code, which entitles it to a refundable credit from the United States Treasury equal to 35% of the interest payable on the bonds. Since March 2013, the Internal Revenue Service has reduced the refundable credit amounts by imposing sequestration rates. The sequestration rate from October 1, 2014 through September 30, 2015 was 7.3%, October 1, 2015 through September 30, 2016 was 6.8%. Effective October 1, 2016 to September 30, 2017, the sequestration rate is 6.9%. The credit is reported as member contributions. The 2017 credit received by SVCW totaled \$1,239,083.

Notes Payable

SVCW has financed multiple projects by entering into two separate sale-repurchase agreements with the State Water Resources Control Board (SWRCB). Combined, these agreements totaled \$54,220,350 as of June 30, 2017. The project funds, together with all accrued interest, are repaid in annual installments commencing one year after the completion of construction.

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In August 2011, SVCW secured SWRCB funding for the construction of an administration and plant control building. The SWRCB reimbursed SVCW for project-related expenditures as incurred, and the outstanding liability was \$9,489,139 as of June 30, 2017. This amount is scheduled to be fully repaid by June 2033.

In March 2012, SVCW entered a similar agreement with the SWRCB for up to \$35,385,953 for certain improvements to the wastewater treatment plant. As of June 30, 2017, SVCW had incurred \$30,731,211. This project is scheduled to be completed in December 2016 and the total incurred expenditures will be repaid by October 2036.

In February 2016, SVCW entered a similar agreement with the SWRCB for up to \$14,000,000 to plan and design certain improvements to the conveyance system. As of June 30, 2017, SVCW had incurred \$14,000,000 in expenditures. This planning is scheduled to be completed in fiscal year 2018-19 and the total incurred expenditures will either be repaid by September 2028 or combined into a subsequent construction loan. SVCW reported a receivable of \$9,320,124 due from SWRCB for project expenditures incurred as of June 30, 2017. The SWRCB has not established the debt service payments for the \$13,052,662 difference between the scheduled debt service payments and SVCW's total obligation. The following summarizes the scheduled future debt service requirements for the SWRCB loans as of June 30, 2017:

Fiscal Year	Principal	Interest to Maturity	Total
2018	\$ 1,885,923	\$ 744,675	\$ 2,630,598
2019	1,850,519	780,079	2,630,598
2020	1,887,870	742,728	2,630,598
2021	1,925,999	704,599	2,630,598
2022	1,964,922	665,677	2,630,599
2023-2027	10,437,463	2,715,530	13,152,993
2028-2032	11,539,944	1,613,049	13,152,993
2033-2037	9,675,048	507,938	10,182,986
Total	<u>\$ 41,167,688</u>	<u>\$ 8,474,275</u>	<u>\$ 49,641,963</u>

Line of Credit

On May 29, 2015, SVCW secured a \$30,000,000 line of credit with Wells Fargo Bank. Advances on the line of credit provide for an interest rate based on either a fixed per annum rate of interest equal to the LIBOR rate plus the Applicable LIBOR Rate Margin, or a variable per annum rate of interest equal to the Base Rate plus the Applicable Base Rate Margin. SVCW had \$3,500,000 outstanding on the line of credit at June 30, 2017.

NOTE 7 - INTERFUND TRANSACTIONS

Interfund transactions are reported as either loans, services provided, reimbursements, or transfers. Loans are reported as interfund receivables and payables, as appropriate, and are subject to elimination upon consolidation. Services provided, deemed to be at market or near market rates, are treated as revenues and expenditures/expenses. Reimbursements occur when one fund incurs a cost, charges the appropriate benefiting fund, and reduces its related cost as a reimbursement. All other interfund transactions are treated as transfers. Transfers among proprietary funds are netted as part of the reconciliation to the government-wide financial statements.

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Interfund Due-to/from

Interfund receivables and payables as of June 30, 2017 were as follows:

Fund Description	Due From	Due To
Operations	\$ 9,073,378	\$ -
Capital Improvement Program	-	7,223,378
Recycled Water	63,722	-
Self Insurance	212,342	-
Construction Stage 2	958,256	-
Capital Improvements	5,385,125	-
Capital Improvement Program Reserve	-	11,702,307
Operating Reserve	3,232,862	-
Totals	<u>\$ 18,925,685</u>	<u>\$ 18,925,685</u>

Interfund Transfers

Interfund transfers consist of transfers from funds receiving revenue to funds through which the resources are to be expended and transfers of capital assets upon completion of construction. Interfund transfers for the June 30, 2017 fiscal year were as follows:

Fund Description	Transfers In	Transfers Out
Operations	10,530,326	\$ -
Capital Improvement Program	-	9,462,352
Capital Improvements	-	1,067,974
Totals	<u>\$ 10,530,326</u>	<u>\$ 10,530,326</u>

NOTE 8 - DEFINED BENEFIT PENSION PLAN

General Information about the Pension Plans

Plan Description - All qualified permanent and probationary employees are eligible to participate in the Agency's Miscellaneous Employee Pension Plans (the Plans); cost-sharing multiple employer defined benefit pension plans administered by the California Public Employees' Retirement System (CalPERS). Benefit provisions under the Plans are established by State statute and Agency resolution. CalPERS issues publicly available reports that include a full description of the pension plans regarding benefit provisions, assumptions and membership information that can be found on the CalPERS website.

Benefits Provided - CalPERS provides service retirement and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full time employment. Members with five years of total service are eligible to retire at age 55 with statutorily reduced benefits. All members are eligible for non-duty disability benefits after 10 years of service. The death benefit is one of the following: the Basic Death Benefit, the 1957 Survivor Benefit, or the Optional Settlement 2W Death Benefit. The cost of living adjustments for the Plans are applied as specified by the Public Employees' Retirement Law.

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The Plans' provisions and benefits in effect at June 30, 2016, are summarized as follows:

	Tier 1	Tier 2	Tier 3
Hire date	Prior to 6/27/11	6/28/11 to 1/1/13	On/After 1/1/13
Benefit formula	2% @ 55	2% @ 60	2% @ 62
Benefit vesting schedule	5 Years	5 Years	5 Years
Benefit payments	Monthly for Life	Monthly for Life	Monthly for Life
Retirement age	55	60	62
Monthly benefits as a % of eligible compensation	2.0% to 2.42%	2.0%	2.0%
Required employee contribution rates	7.00%	7.00%	6.25%
Required employer contribution rates	13.75%	7.16%	6.56%

Employees Covered - At June 30, 2017, the following employees were covered by the benefit terms for the Plans:

Description	Tier 1	Tier 2	Tier 3
Active members	60	14	5
Separated	22	-	1
Retirees receiving benefits	68	1	-
Transferred	19	2	1
Total	169	17	7

Contributions - Section 20814(c) of the California Public Employees' Retirement Law requires that the employer contribution rates for all public employers be determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. Funding contributions for the Plans are determined annually on an actuarial basis as of June 30 by CalPERS. The actuarially determined rates are the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. The Agency is required to contribute the difference between the actuarially determined rate and the contribution rate of employees.

For the year ended June 30, 2017, the contributions recognized as part of pension expense for the Plans were as follows:

	June 30, 2017
Contributions - employer	\$ 1,127,516
Contributions - employee	616,086
Total	<u>\$ 1,743,602</u>

Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions

As of June 30, 2017, the Agency reported net pension liabilities for its proportionate shares of the net pension liability as follows:

	June 30, 2017
Net Pension Liability	<u>\$ 11,536,951</u>

The Agency's net pension liability for the Plans is measured as the proportionate share of the net pension

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Notes to Financial Statements
June 30, 2017

liability. The net pension liability of the Plan are measured as of June 30, 2016, and the total pension liability for the Plans used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2015 rolled forward to June 30, 2016 using standard update procedures. The Agency's proportion of the net pension liability was based on a projection of the Agency's long-term share of contributions to the pension plans relative to the projected contributions of all participating employers, actuarially determined. The Agency's proportionate share of the net pension liability for the Plans as of June 30, 2015 and 2016 was as follows:

	Proportion of Net Pension Liability
June 30, 2016	0.3050%
June 30, 2017	0.3321%
Change in Proportions	<u>0.0271%</u>

For the year ended June 30, 2017, the Agency recognized pension expense of \$986,288. At June 30, 2017, the Agency reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to measurement date	\$ 1,251,217	\$ -
Changes in assumptions	-	(382,091)
Differences between expected and actual experiences	31,132	-
Change in employer's proportion and differences between the employer's contributions and the employer's proportionate share of contributions	338,250	(970,814)
Net differences between projected and actual earnings on plan investments	1,988,657	-
Total	<u>\$ 3,609,256</u>	<u>\$ (1,352,905)</u>

The Agency reported \$1,251,217 as deferred outflows of resources related to contributions subsequent to the measurement date that will be recognized as a reduction of the net pension liability in the year ended June 30, 2018.

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Fiscal Year Ending:	Deferred Outflows/(inflows) of Resources
2018	\$ (356,039)
2019	(45,077)
2020	891,166
2021	515,085
Total	<u>\$ 1,005,135</u>

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Notes to Financial Statements
June 30, 2017

Actuarial Assumptions - The total pension liabilities in the June 30, 2015 actuarial valuations were determined using the following actuarial assumptions:

Valuation Date	June 30, 2015
Measurement Date	June 30, 2016
Actuarial Cost Method	Entry-Age Normal Cost Method
Actuarial Assumptions:	
Discount Rate	7.65%
Inflation	2.75%
Payroll Growth	3.00%
Projected Salary Increase	(1)
Investment Rate of Return	7.5% (2)
Mortality	(3)

- (1) Varies by age and service
- (2) Net of pension plan investment expenses, including inflation
- (3) Derived using CalPERS' membership data for all funds

Discount Rate - The discount rate used to measure the total pension liability was 7.65 percent for the Plans. To determine whether the municipal bond rate should be used in the calculation of a discount rate for the Plans, CalPERS stress tested plans that would most likely result in a discount rate that would be different from the actuarially assumed discount rate. Based on the testing, none of the tested plans run out of assets. Therefore, the current 7.65 percent discount rate is adequate and the use of the municipal bond rate calculation is not necessary. The long term expected discount rate of 7.65 percent will be applied to all plans in the Public Employees Retirement Fund (PERF). The stress test results are presented in a detailed report that can be obtained from the CalPERS website.

According to Paragraph 30 of Statement 68, the long-term discount rate should be determined without reduction for pension plan administrative expense. The 7.50 percent investment return assumption used in this accounting valuation is net of administrative expenses. Administrative expenses are assumed to be 15 basis points. An investment return excluding administrative expenses would have been 7.65 percent. Using this lower discount rate has resulted in a slightly higher Total Pension Liability and Net Pension Liability. CalPERS checked the materiality threshold for the difference in calculation and did not find it to be a material difference.

CalPERS is scheduled to review all actuarial assumptions as part of its regular Asset Liability Management (ALM) review cycle that is scheduled to be completed in February 2018. Any changes to the discount rate will require Board action and proper stakeholder outreach. For these reasons, CalPERS expects to continue using a discount rate net of administrative expenses for GASB 67 and 68 calculations through at least the 2017-18 fiscal year. CalPERS will continue to check the materiality of the difference in calculation until such time as we have changed our methodology. The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Using historical returns of all the funds' asset classes, expected compound returns were calculated over the short-term

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(first 10 years) and the long-term (11-60 years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equivalent to the single equivalent rate calculated above and rounded down to the nearest one quarter of one percent. The table below reflects the long-term expected real rate of return by asset class. The rate of return was calculated using the capital market assumptions applied to determine the discount rate and asset allocation. These rates of return are net of administrative expenses.

Asset Class	New Strategic Allocation	Real Return Years 1 - 10 (a)	Real Return Years 11+ (b)
Global Equity	51.00%	5.25%	5.71%
Global Fixed Income	20.00%	0.99%	2.43%
Inflation Sensitive	6.00%	0.45%	3.36%
Private Equity	10.00%	6.83%	6.95%
Real Estate	10.00%	4.50%	5.13%
Infrastructure and Forestland	2.00%	4.50%	5.09%
Liquidity	1.00%	-0.55%	-1.05%
Total	100.00%		

(a) An expected inflation of 2.5% used for this period.

(b) An expected inflation of 3.0% used for this period.

Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount

Rate - The following presents the Agency's proportionate share of the net pension liability for the Plans, calculated using the discount rate for the Plans, as well as what the Agency's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

1% Decrease	6.65%
Net Pension Liability	\$ 18,727,001
Current Discount Rate	7.65%
Net Pension Liability	\$ 11,536,951
1% Increase	8.65%
Net Pension Liability	\$ 5,594,732

Pension Plan Fiduciary Net Position - Detailed information about each pension plan's fiduciary net position is available in the separately issued CalPERS financial reports.

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Notes to Financial Statements
June 30, 2017

NOTE 9 - OTHER POST EMPLOYMENT BENEFITS (OPEB)

Plan Description

SVCW's Retiree Healthcare Plan (the Plan) is a single-employer defined benefit healthcare plan administered by SVCW. The plan provides healthcare benefits to eligible retirees and their dependents. Benefit provisions are established and may be amended through agreements and memorandums of understanding between SVCW, its management employees, and unions representing SVCW employees.

PERS (PEMHCA) Minimum	
Eligibility Age	50
Service Required	5 years
Benefit Amount	Was \$125 monthly in 2016, \$128 in 2017. Increases with the healthcare component of the Consumer Price Index thereafter. For union employees, the reimbursable amount decreases when the employee reaches Medicare eligibility age, or to the Bay Area Kaiser combination rate when the employee's spouse becomes Medicare eligible before the retiree.
Benefits End	Paid for life (child benefits end at age 26)

Normal Retirement Benefit	
Eligibility Age	50
Service Required	5 years
Benefit Amount	Payment of any pre-Medicare PERS premium to a maximum of the Kaiser family premiums. With Medicare, the Kaiser Medicare premiums are the caps.
Benefits End	Paid for life (child benefits end at age 26)

Post-Retirement Death Benefit	
Payment of one-party or two-party premium to eligible surviving spouse/beneficiary for the life of the survivors. Child benefits cease at age 26. Same benefit limitation as above.	

Pre-Retirement Death Benefit	
Eligibility Age	50
Service Required	5 years
Benefit Amount	Same as for post-retirement death
Disability Benefit	Same as retirement benefits shown above if service requirements are met.

Note: Employees hired after January 31, 2011 receive only the PERS Minimum.

Funding Policy

There is no statutory requirement for SVCW to prefund its OPEB obligation. SVCW has currently chosen to fund the program by depositing the Annual Required Contribution (ARC) into a trust fund administered by CalPERS. There are no employee contributions. For the fiscal year ending June 30, 2017, SVCW paid \$329,595 for retiree healthcare plan benefits and contributed \$420,000 in the OPEB trust fund. The ARC is an amount actuarially determined in accordance with the parameters of GASB Statement 45. The ARC is equal to the normal cost plus a 30-year amortization of the unfunded actuarial liability.

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Notes to Financial Statements
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Annual OPEB Cost and Net OPEB Obligation

The following table, based on SVCW's actuarial valuation as of July 1, 2017, shows the components of SVCW's annual OPEB cost for the year, the amount actually contributed to the plan, and changes in SVCW's Net OPEB obligation:

Annual required contribution	\$ 114,250
Interest on net OPEB obligation	-
Adjustment to annual required contribution	-
Annual OPEB cost	<u>114,250</u>
Contributions made	<u>(749,595)</u>
Increase in net OPEB obligation (asset)	(635,345)
Net OPEB obligation (asset) - beginning of year	<u>(2,006,091)</u>
Net OPEB obligation (asset) - end of year	<u><u>\$ (2,641,436)</u></u>

SVCW's annual OPEB cost, the percentage of annual OPEB cost contributed to the plan, and the net OPEB obligation for fiscal year ending June 30, 2017 are as follows:

Fiscal Year Ended	Annual OPEB Cost	Percentage of Annual Cost Contributed	Net OPEB Obligation (Asset)
2015	205,724	367.06%	(1,472,450)
2016	217,038	345.87%	(2,006,091)
2017	114,250	656.10%	(2,641,436)

Funded Status and Funding Progress

Actuarial valuations of an ongoing plan involve estimates of the value of expected benefit payments and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and the healthcare cost trend. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. The schedule of funding progress, presented as required supplementary information, presents multi-year trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

The following summarizes the funded status and progress of the plan as of June 30, 2017:

Actuarial accrued liability (AAL)	\$ 6,910,635
Value of plan assets	<u>5,910,004</u>
Unfunded /(overfunded) actuarial accrued liability (UAAL)	<u><u>\$ 1,000,631</u></u>
Funded ratio (actuarial value of plan assets/AAL)	85.52%
Projected covered payroll (active Plan members)	\$ 10,877,839
UAAL as a percentage of covered payroll	9.20%

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Notes to Financial Statements
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Actuarial Methods and Assumptions

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and the plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used are consistent with the long-term perspective of the calculations.

In the actuarial valuation, the Projected Unit Credit actuarial cost method was used. The actuarial assumptions included a 7% investment rate of return, which is the expected long-term investment return on SVCW investments, a 2.75% general inflation assumption, and an annual aggregate payroll increase rate of 2.75%. The UAAL is being amortized as a level dollar amount over 30 years on a closed basis, beginning in 2009.

Required Supplementary Information

The following is the actuarially determined schedule of funding progress for the postemployment healthcare plan:

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) Entry Age (b)	Unfunded AAL (UAAL) (b-a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b-a/c))
7/1/2013	\$ 3,976,332	\$ 7,163,800	\$ 3,187,468	55.51%	\$ 8,696,205	36.65%
7/1/2015	4,401,750	6,931,933	2,530,183	63.50%	9,703,545	26.07%
7/1/2017	5,910,004	6,910,635	1,000,631	85.52%	10,877,839	9.20%

NOTE 10 - RISK MANAGEMENT

SVCW is a member of the California Sanitation Risk Management Authority (CSRMA) which covers the general liability claims up to \$10,750,000, and provides coverage of Employment Practices Liability (EPL) up to \$10,750,000. Excess public entity general liability insurance of \$10,750,000 is obtained by CSRMA commercially, resulting in a total coverage of \$25,000,000. SVCW has a self-insured retention of \$10,000 per general liability claim and \$25,000 per EPL claim. Once SVCW's self-insured retention is met, CSRMA becomes responsible for payment of all claims up to the limit.

SVCW also has workers' compensation insurance with CSRMA which covers workers' compensation claims up to \$750,000. Excess public entity workers' compensation and employee's liability insurance are obtained by CSRMA commercially up to statutory limit and \$25,000,000 respectively. SVCW has a self-insured retention of \$750,000 per claim.

The contributions made to each risk pool equal the ratio of their respective payrolls to the total payrolls of all entities participating in the same layer of each program, in each program year. Actual surpluses or losses are shared according to a formula developed from overall loss costs and spread to member entities on a percentage basis after retrospective rating. CSRMA's audited financial statements may be obtained by writing them at c/o Alliant Insurance Services, 100 Pine Street, 11th Floor, San Francisco, CA 94111.

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Notes to Financial Statements
June 30, 2017

NOTE 11 - COMMITMENTS AND CONTINGENCIES

SVCW is at risk to be a defendant in various lawsuits which arise in the normal course of business. The final disposition of these legal actions and claims was not determinable. However, in the opinion of management, the outcome of any litigation of these matters will not have a material effect on the financial position or changes in net position of the SVCW.

SVCW had outstanding construction contract commitments on capital projects totaling \$9,063,374 at June 30, 2017.

REQUIRED SUPPLEMENTARY INFORMATION

Silicon Valley Clean Water
Schedule of Pension Contributions - CalPERS
For the Fiscal Year Ended June 30, 2017

	2017	2016	2015
Contractually Required Contributions (Actuarially Determined)	\$ 1,251,217	\$ 1,127,516	\$ 1,031,475
Contributions in Relation to Actuarially Determined Contributions	1,251,217	1,127,516	1,031,475
Contribution Deficiency (Excess)	-	-	-
Covered Employee Payroll	\$ 10,137,714	\$ 9,454,067	\$ 9,115,492
Contributions as a Percentage of Covered Payroll	12.34%	11.93%	11.32%

Notes to Schedule:

Valuation Date: June 30, 2015

Assumptions Used: Entry Age Method used for Actuarial Cost Method
Level Percentage of Payroll (Closed) Used Amortization Method
3.7 Years Remaining Amortization Period
Inflation Assumed at 2.75%
Investment Rate of Returns set at 7.5%
CalPERS mortality table using 20 years of membership data for all funds

** Fiscal year 2015 was the first year of implementation, therefore only three years are shown.

Silicon Valley Clean Water
Schedule of Proportionate Share of Net Pension Liability
For the Fiscal Year Ended June 30, 2017

	<u>2017</u>	<u>2016</u>	<u>2015</u>
Proportion of Net Pension Liability	0.33211%	0.30498%	0.32474%
Proportionate Share of Net Pension Liability	\$ 11,536,951	\$ 8,367,040	\$ 8,025,843
Covered Employee Payroll	\$ 10,137,714	\$ 9,454,067	\$ 9,115,492
Proportionate Share of NPL			
as a % of Covered Employee Payroll	113.80%	88.50%	88.05%
Plan's Fiduciary Net Position as a % of the TPL	78.40%	83.30%	84.62%

** Fiscal year 2015 was the first year of implementation, therefore only three years are shown.

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SUPPLEMENTARY INFORMATION

Silicon Valley Clean Water
Combining Schedule of Net Position
Enterprise Funds
June 30, 2017

	Operating Reserve	Capital Improvement Program Reserve	Capital Improvements	Construction Stage 2
Assets				
Current Assets:				
Cash and investments	\$ 3,491,621	\$ 16,094,733	\$ -	\$ 9,220,579
Accounts receivable	-	-	-	461,215
Interest receivable	-	-	-	-
Employee notes receivable	-	-	-	-
Deposits	-	-	-	-
Due from other funds	3,232,862	-	5,385,125	958,256
Inventory	-	-	-	-
Prepaid expenses	-	-	-	-
Total Current Assets	6,724,483	16,094,733	5,385,125	10,640,050
Noncurrent Assets:				
Investment in real estate	-	-	-	-
Cash with fiscal agent	-	-	-	-
OPEB asset	-	-	-	-
Capital assets - net:				
Depreciable capital assets:				
Plant in service - net	-	-	-	-
Non depreciable capital assets:				
Land	-	-	-	-
Construction in progress:				
Stage 2	-	-	-	2,934,429
General	-	-	1,931,274	-
Total Capital assets - net	-	-	1,931,274	2,934,429
Total Noncurrent Assets - Net	-	-	1,931,274	2,934,429
Total Assets	\$ 6,724,483	\$ 16,094,733	\$ 7,316,399	\$ 13,574,479
Deferred Outflows of Resources				
Pension Contributions and Adjustments	\$ -	\$ -	\$ -	\$ -
Deferred Loss on Defeasance	-	-	-	-
Total Deferred Outflows of Resources	\$ -	\$ -	\$ -	\$ -
Liabilities				
Current Liabilities:				
Accounts payable	\$ -	\$ -	\$ 171,698	\$ -
Accrued payroll and employee benefits	-	-	-	-
Accrued interest payable	-	-	-	-
Due to other funds	-	11,702,307	-	-
Unearned revenue	-	7,875	21,081	-
Noncurrent liabilities due within one year	-	-	-	-
Total Current Liabilities	-	11,710,182	192,779	-
Noncurrent liabilities due in more than one year	-	-	-	-
Total Liabilities	\$ -	\$ 11,710,182	\$ 192,779	\$ -
Deferred inflows of Resources				
Pension Differences Between Actual and Expected Returns	\$ -	\$ -	\$ -	\$ -
Net Position				
Net Investment in Capital Assets	\$ -	\$ -	\$ 1,931,274	\$ 2,934,429
Restricted for:				
Debt service	-	-	-	-
Unrestricted	6,724,483	4,384,551	5,192,346	10,640,050
Total Net Position	\$ 6,724,483	\$ 4,384,551	\$ 7,123,620	\$ 13,574,479

(Continued)

Silicon Valley Clean Water
Combining Schedule of Net Position
Enterprise Funds
June 30, 2017

	Self Insurance	Recycled Water	Capital Improvement Program	Operation	Total
Assets					
Current Assets:					
Cash and investments	\$ -	\$ -	\$ -	\$ 1,241,039	\$ 30,047,972
Accounts receivable	-	-	9,328,124	405,380	10,194,719
Interest receivable	-	-	511,674	2,933	514,607
Employee notes receivable	-	-	-	21,741	21,741
Deposits	-	-	-	-	-
Due from other funds	212,342	63,722	-	9,073,378	18,925,685
Inventory	-	-	-	1,828,192	1,828,192
Prepaid expenses	-	-	97,300	101,684	198,984
Total Current Assets	212,342	63,722	9,937,098	12,674,347	61,731,900
Noncurrent Assets:					
Investment in real estate	-	-	2,552,962	-	2,552,962
Cash with fiscal agent	-	-	5,602,191	-	5,602,191
OPEB asset	-	-	-	2,641,436	2,641,436
Capital assets - net:					
Depreciable capital assets:					
Plant in service - net	-	-	-	155,359,294	155,359,294
Non depreciable capital assets:					
Land	-	-	-	1,282,081	1,282,081
Construction in progress:					
Stage 2	-	-	-	-	2,934,429
General	-	-	89,664,547	-	91,595,821
Total Capital assets - net	-	-	89,664,547	156,641,375	251,171,625
Total Noncurrent Assets - Net	-	-	97,819,700	159,282,811	261,968,214
Total Assets	\$ 212,342	\$ 63,722	\$ 107,756,798	\$ 171,957,158	\$ 323,700,114
Deferred Outflows of Resources					
Pension Contributions and Adjustments	\$ -	\$ -	\$ -	\$ 3,609,256	\$ 3,609,256
Deferred Loss on Defeasance	-	-	508,130	-	508,130
Total Deferred Outflows of Resources	\$ -	\$ -	\$ 508,130	\$ 3,609,256	\$ 4,117,386
Liabilities					
Current Liabilities:					
Accounts payable	\$ -	\$ 22,391	\$ 2,099,568	\$ 768,950	\$ 3,062,607
Accrued payroll and employee benefits	-	-	1,242	680,858	682,100
Accrued interest payable	-	-	4,166,921	-	4,166,921
Due to other funds	-	-	7,223,378	-	18,925,685
Unearned revenue	-	20,746	-	247,578	297,280
Noncurrent liabilities due within one year	-	-	4,935,923	813,555	5,749,478
Total Current Liabilities	-	43,137	18,427,032	2,510,941	32,884,071
Noncurrent liabilities due in more than one year	-	-	196,864,946	15,036,951	211,901,897
Total Liabilities	\$ -	\$ 43,137	\$ 215,291,978	\$ 17,547,892	\$ 244,785,968
Deferred inflows of Resources					
Pension Differences Between Actual and Expected Returns	\$ -	\$ -	\$ -	\$ 1,352,904	\$ 1,352,904
Net Position					
Net Investment in Capital Assets	\$ -	\$ -	\$ (106,534,131)	\$ 153,141,375	\$ 51,472,947
Restricted for:					
Debt service	-	-	5,063,980	-	5,063,980
Unrestricted	212,342	20,585	(5,556,899)	3,524,243	25,141,701
Total Net Position	\$ 212,342	\$ 20,585	\$ (107,027,050)	\$ 156,665,618	\$ 81,678,628

(Concluded)

Silicon Valley Clean Water
Combining Schedule of Activities and Changes in Net Position
Enterprise Funds
For the Fiscal Year Ended June 30, 2017

	Operating Reserve	Capital Improvement Program Reserve	Capital Improvements	Construction Stage 2
Operating Revenues:				
Member contributions for services	\$ -	\$ -	\$ -	\$ -
Member contributions for cash reserves	-	1,785,312	1,530,036	-
Member contributions for debt service	-	-	-	-
Sources control charges	-	-	-	-
Miscellaneous revenues	-	-	6,809	-
Total operating revenues	-	1,785,312	1,536,845	-
Operating Expenses:				
Operations	-	-	-	-
Maintenance	-	-	-	-
Laboratory	-	-	-	-
Environmental services	-	-	-	-
Engineering	-	-	-	-
Information systems	-	-	-	-
Safety	-	-	-	-
Administration	6,518	28,118	-	15,454
Depreciation	-	-	-	-
Total operating expenses	6,518	28,118	-	15,454
Operating Income (Loss)	(6,518)	1,757,194	1,536,845	(15,454)
Nonoperating Revenues (Expenses):				
Grants	-	-	-	-
Capital improvements	-	-	-	2,600,122
Interest Income:				
Operations fund	-	-	-	-
Stage 2 capacity fund	-	-	-	13,260
Capital improvement reserve fund	-	23,665	1,224	-
Self insurance fund	-	-	-	-
Operating reserve fund	15,903	-	-	-
Recycled water fund	-	-	-	-
Capital improvement fund	-	-	-	-
Net increase (decrease) in fair value of investments	-	-	-	-
Interest expense	-	-	-	-
Premium amortization	-	-	-	-
Gain (loss) on disposal of fixed assets	-	-	-	-
Total nonoperating revenues (expenses)	15,903	23,665	1,224	2,613,382
Income (Loss) Before Transfers	9,385	1,780,859	1,538,069	2,597,928
Transfers In	-	-	-	-
Transfers Out	-	-	(1,067,974)	-
Change in Net Position	9,385	1,780,859	470,095	2,597,928
Beginning Net Position	6,715,098	2,603,692	6,653,525	10,976,551
Ending Net Position	\$ 6,724,483	\$ 4,384,551	\$ 7,123,620	\$ 13,574,479

(Continued)

Silicon Valley Clean Water
Combining Schedule of Activities and Changes in Net Position
Enterprise Funds
For the Fiscal Year Ended June 30, 2017

	Self Insurance	Recycled Water	Capital Improvement Program	Operation	Total
Operating Revenues:					
Member contributions for services	\$ -	\$ 219,253	\$ -	\$ 22,549,104	\$ 22,768,357
Member contributions for cash reserves	-	-	-	-	3,315,348
Member contributions for debt service	-	-	11,877,963	-	11,877,963
Sources control charges	-	-	-	69,724	69,724
Miscellaneous revenues	-	-	-	295,102	301,911
Total operating revenues	-	219,253	11,877,963	22,913,930	38,333,303
Operating Expenses:					
Operations	-	147,297	-	7,896,489	8,043,786
Maintenance	-	49,583	-	5,640,685	5,690,268
Laboratory	-	11,407	-	1,426,376	1,437,783
Environmental services	-	-	-	914,870	914,870
Engineering	-	-	108,395	290,920	399,315
Information systems	-	-	-	1,655,229	1,655,229
Safety	-	-	-	322,260	322,260
Administration	-	-	-	3,379,048	3,429,138
Depreciation	-	-	-	9,279,531	9,279,531
Total operating expenses	-	208,287	108,395	30,805,408	31,172,180
Operating Income (Loss)	-	10,966	11,769,568	(7,891,478)	7,161,123
Nonoperating Revenues (Expenses):					
Grants	-	-	-	271,125	271,125
Capital improvements	-	-	-	-	2,600,122
Interest Income:					
Operations fund	-	-	-	16,419	16,419
Stage 2 capacity fund	-	-	-	-	13,260
Capital improvement reserve fund	-	-	-	-	24,889
Self insurance fund	33	-	-	-	33
Operating reserve fund	-	-	-	-	15,903
Recycled water fund	-	29	-	-	29
Capital improvement fund	-	-	89,670	-	89,670
Net increase (decrease) in fair value of investments	-	-	(57,904)	-	(57,904)
Interest expense	-	-	(8,200,112)	-	(8,200,112)
Premium amortization	-	-	628,383	-	628,383
Gain (loss) on disposal of fixed assets	-	-	-	(48,201)	(48,201)
Total nonoperating revenues (expenses)	33	29	(7,539,963)	239,343	(4,646,384)
Income (Loss) Before Transfers	33	10,995	4,229,605	(7,652,135)	2,514,739
Transfers In	-	-	-	10,530,326	10,530,326
Transfers Out	-	-	(9,462,352)	-	(10,530,326)
Change in Net Position	33	10,995	(5,232,747)	2,878,191	2,514,739
Beginning Net Position	212,309	9,590	(101,794,303)	153,787,427	79,163,889
Ending Net Position	\$ 212,342	\$ 20,585	\$ (107,027,050)	\$ 156,665,618	\$ 81,678,628

(Concluded)

Silicon Valley Clean Water
Combining Schedule of Cash Flows
Enterprise Funds
For the Fiscal Year Ended June 30, 2017

	Operating Reserve	Capital Improvement Program Reserve	Capital Improvements	Construction Stage 2
Cash Flows from Operating Activities:				
Cash received from member agencies	\$ -	\$ 1,706,868	\$ 1,477,140	\$ -
Cash paid to suppliers for goods and services and employees for services	(6,518)	(28,118)	-	(15,454)
Other cash received (paid)	-	-	6,809	-
Net Cash Provided (Used) by Operating Activities	(6,518)	1,678,750	1,483,949	(15,454)
Cash Flows from Capital and Related Financing Activities:				
Cash received from member agencies other than for services	-	-	-	2,138,907
Cash received from grants	-	-	-	-
Contributions to (from) other funds	(1,060)	77,795	(75,865)	(24,268)
Proceeds from capital debt - net	-	-	-	-
Interest paid on capital debt	-	-	-	-
Principal paid on capital debt	-	-	-	-
Purchases and construction of capital assets	-	-	(1,409,308)	(108,128)
Net Cash Provided (Used) by Capital and Related Financing Activities	(1,060)	77,795	(1,485,173)	2,006,511
Cash Flows from Noncapital Financing Activities:				
Transfers in	-	-	-	-
Transfers out	-	-	-	-
Net Cash Provided (Used) by Noncapital Financing Activities	-	-	-	-
Cash Flows from Investing Activities:				
Investment income	15,903	23,665	1,224	13,260
Net Cash Provided (Used) by Investing Activities	15,903	23,665	1,224	13,260
Net Increase (Decrease) in Cash and Cash Equivalents	8,325	1,780,210	-	2,004,317
Cash and Cash Equivalents Beginning	3,483,296	14,314,523	-	7,216,262
Cash and Cash Equivalents Ending	\$ 3,491,621	\$ 16,094,733	\$ -	\$ 9,220,579
Reconciliation of Operating Income (Loss) to Cash Flows Provided (Used) by Operating Activities:				
Operating Income (Loss)	\$ (6,518)	\$ 1,757,194	\$ 1,536,845	\$ (15,454)
Adjustments to reconcile operating income (loss) to net cash provided (used) by operating activities:				
Depreciation	-	-	-	-
Pension expense adjustment - GASB 68	-	-	-	-
Net change in:				
Accounts receivable	-	-	-	-
Employee notes receivable	-	-	-	-
Inventory	-	-	-	-
Prepaid expenses	-	-	-	-
Deposits	-	-	-	-
Net OPEB asset	-	-	-	-
Accounts payable	-	-	-	-
Accrued payroll and employee benefits	-	-	-	-
Unearned revenue	-	(78,444)	(52,896)	-
Accrued compensated absences	-	-	-	-
Net Cash Provided (Used) by Operating Activities	\$ (6,518)	\$ 1,678,750	\$ 1,483,949	\$ (15,454)
Noncash Transactions:				
Noncash transfers of capital assets	\$ -	\$ -	\$ (1,067,974)	\$ -

(Continued)

Silicon Valley Clean Water
Combining Schedule of Cash Flows
Enterprise Funds
For the Fiscal Year Ended June 30, 2017

	Self Insurance	Recycled Water	Capital Improvement Program	Operation	Total
Cash Flows from Operating Activities:					
Cash received from member agencies	\$ -	\$ 355,315	\$ 18,160,301	\$ 21,424,369	\$ 43,123,993
Cash paid to suppliers for goods and services and employees for services	-	(243,860)	(118,322)	(23,151,998)	(23,564,270)
Other cash received (paid)	-	-	-	295,102	301,911
Net Cash Provided (Used) by Operating Activities	-	111,455	18,041,979	(1,432,527)	19,861,634
Cash Flows from Capital and Related Financing Activities:					
Cash received from member agencies other than for services	-	-	-	-	2,138,907
Cash received from grants	-	-	-	271,125	271,125
Contributions to (from) other funds	(33)	(111,484)	1,250,766	(1,115,851)	-
Proceeds from capital debt - net	-	-	6,596,887	7,800,000	14,396,887
Interest paid on capital debt	-	-	(8,161,620)	-	(8,161,620)
Principal paid on capital debt	-	-	(3,419,946)	(7,600,000)	(11,019,946)
Purchases and construction of capital assets	-	-	(29,338,785)	-	(30,856,221)
Net Cash Provided (Used) by Capital and Related Financing Activities	(33)	(111,484)	(33,072,698)	(644,726)	(33,230,868)
Cash Flows from Noncapital Financing Activities:					
Transfers in	-	-	-	-	-
Transfers out	-	-	-	-	-
Net Cash Provided (Used) by Noncapital Financing Activities	-	-	-	-	-
Cash Flows from Investing Activities:					
Investment income	33	29	40,987	16,617	111,718
Net Cash Provided (Used) by Investing Activities	33	29	40,987	16,617	111,718
Net Increase (Decrease) in Cash and Cash Equivalents	-	-	(14,989,732)	(2,060,636)	(13,257,516)
Cash and Cash Equivalents Beginning	-	-	20,591,923	3,301,675	48,907,679
Cash and Cash Equivalents Ending	\$ -	\$ -	\$ 5,602,191	\$ 1,241,039	\$ 35,650,163
Reconciliation of Operating Income (Loss) to Cash Flows Provided (Used) by Operating Activities:					
Operating Income (Loss)	\$ -	\$ 10,966	\$ 11,769,568	\$ (7,891,478)	\$ 7,161,123
Adjustments to reconcile operating income (loss) to net cash provided (used) by operating activities:					
Depreciation	-	-	-	9,279,531	9,279,531
Pension expense adjustment - GASB 68	-	-	-	(264,929)	(264,929)
Net change in:					
Accounts receivable	-	115,316	6,282,338	(346,820)	6,050,834
Employee notes receivable	-	-	-	(9,069)	(9,069)
Inventory	-	-	-	(107,577)	(107,577)
Prepaid expenses	-	-	(97,300)	(63,147)	(160,447)
Deposits	-	-	93,300	-	93,300
Net OPEB asset	-	-	-	(635,345)	(635,345)
Accounts payable	-	(35,573)	-	(140,633)	(176,206)
Accrued payroll and employee benefits	-	-	(5,927)	(470,400)	(476,327)
Unearned revenue	-	20,746	-	(838,570)	(949,164)
Accrued compensated absences	-	-	-	55,910	55,910
Net Cash Provided (Used) by Operating Activities	\$ -	\$ 111,455	\$ 18,041,979	\$ (1,432,527)	\$ 19,861,634
Noncash Transactions:					
Noncash transfers of capital assets	\$ -	\$ -	\$ (9,462,352)	\$ 10,530,326	\$ -

Silicon Valley Clean Water
Schedule of Analysis of Net Position
Supplemental Schedule (Unaudited)
For the Year Ended June 30, 2017

Fund / Location	Belmont	Redwood City	San Carlos	West Bay Sanitary District	Total
Operations (Fund 18)					
Balance at June 30, 2016	\$ 13,155,181	\$ 75,823,363	\$ 21,735,637	\$ 40,993,727	\$ 151,707,908
Member Agency Contributions	3,014,724	10,019,052	3,289,248	6,226,080	22,549,104
Other Miscellaneous Revenue	80,893	295,653	80,257	179,147	635,951
Unrealized Gain / (Loss) on Investments	(356)	(1,303)	(354)	(789)	(2,802)
Interest Income	1,412	9,652	2,681	5,150	18,895
Capitalized Projects Transferred from other Funds	995,116	5,114,579	1,594,291	2,826,339	10,530,326
Gain / (Loss) on Asset Disposal	(4,555)	(23,411)	(7,298)	(12,937)	(48,201)
Operating & Maintenance Costs	(2,820,794)	(10,309,648)	(2,798,618)	(6,246,994)	(22,176,054)
Depreciation Expenditures	(876,916)	(4,507,068)	(1,404,921)	(2,490,626)	(9,279,531)
Balance at June 30, 2017	<u>\$ 13,544,704</u>	<u>\$ 76,420,870</u>	<u>\$ 22,490,924</u>	<u>\$ 41,479,097</u>	<u>\$ 153,935,596</u>
Retiree Medical Health Benefits Reserve (Fund 12)					
Balance at June 30, 2016	\$ 258,946	\$ 926,769	\$ 324,584	\$ 569,223	\$ 2,079,521
Contributions to Fund 12	97,235	355,380	96,470	215,338	764,422
Interest Income	41	146	51	89	327
Expenditures	(14,533)	(53,115)	(14,418)	(32,184)	(114,250)
Balance at June 30, 2017	<u>\$ 341,688</u>	<u>\$ 1,229,179</u>	<u>\$ 406,687</u>	<u>\$ 752,466</u>	<u>\$ 2,730,020</u>
Capital Improvement Program Reserve (Fund 13)					
Balance at June 30, 2016	\$ 246,045	\$ 1,264,613	\$ 394,202	\$ 698,833	\$ 2,603,693
Member Contributions - Replacement Reserve	140,544	722,376	225,180	365,926	1,454,026
Member Contributions - Debt Service Contributions	28,164	144,744	45,120	113,258	331,286
Change in Fair Value, Unrealized Gain/(Loss)	(17,716)	(91,054)	(28,383)	(50,317)	(187,469)
Fees	(2,657)	(13,657)	(4,257)	(7,547)	(28,118)
Interest Income	60	310	97	172	639
Interest Income - Distributed	19,892	102,237	31,869	56,497	210,494
Balance at June 30, 2017	<u>\$ 414,332</u>	<u>\$ 2,129,570</u>	<u>\$ 663,828</u>	<u>\$ 1,176,821</u>	<u>\$ 4,384,551</u>
Construction Stage 2 (Fund 15)					
Balance at June 30, 2016	\$ 530,131	\$ 6,359,481	\$ 819,493	\$ 3,267,446	\$ 10,976,551
Member Purchases of Capacity	-	799,342	1,264,099	536,681	2,600,122
Interest Income	84	1,096	234	535	1,949
Interest Income - Distributed	10,294	52,909	16,493	29,238	108,934
Interest / (Unrealized Loss) Investments	(9,225)	(47,416)	(14,780)	(26,202)	(97,623)
Fees	(1,460)	(7,506)	(2,340)	(4,148)	(15,453)
Capitalized Projects Transferred to Fund 18	-	-	-	-	-
Balance at June 30, 2017	<u>\$ 529,824</u>	<u>\$ 7,157,907</u>	<u>\$ 2,083,198</u>	<u>\$ 3,803,551</u>	<u>\$ 13,574,480</u>
Self Insurance (Fund 16)					
Balance at June 30, 2016	\$ 22,647	\$ 88,292	\$ 37,882	\$ 63,488	\$ 212,309
Interest Income	4	14	6	10	33
Expenses / Claims	-	-	-	-	-
Balance at June 30, 2017	<u>\$ 22,651</u>	<u>\$ 88,306</u>	<u>\$ 37,888</u>	<u>\$ 63,498</u>	<u>\$ 212,342</u>
Operating & Capital Reserve (Fund 17)					
Balance at June 30, 2016	\$ 759,000	\$ 3,305,490	\$ 857,987	\$ 1,792,622	\$ 6,715,098
Member Contributions	-	-	-	-	-
Unrealized Gain / (Loss) on Investment	(3,643)	(13,316)	(3,615)	(8,069)	(28,644)
Fees	(829)	(3,030)	(823)	(1,836)	(6,518)
Interest Income - Distributed	4,109	21,121	6,584	11,672	43,486
Interest Income	120	522	136	283	1,060
Balance at June 30, 2017	<u>\$ 758,757</u>	<u>\$ 3,310,786</u>	<u>\$ 860,269</u>	<u>\$ 1,794,671</u>	<u>\$ 6,724,483</u>

Silicon Valley Clean Water
Schedule of Analysis of Net Position
Supplemental Schedule (Unaudited)
For the Year Ended June 30, 2017

Fund / Location	Belmont	Redwood City	San Carlos	West Bay Sanitary District	Total
Revenue-Funded Capital Improvements (Fund 14)					
Balance at June 30, 2016	\$ 686,931	\$ 3,316,982	\$ 768,961	\$ 1,880,651	\$ 6,653,525
Member Contributions - Pay go capital projects	144,588	743,136	231,648	410,664	1,530,036
Miscellaneous Revenue	643	3,307	1,031	1,828	6,809
Interest Income	125	608	148	343	1,223
Capitalized Projects transferred to Fund 18	(100,924)	(518,715)	(161,691)	(286,644)	(1,067,974)
Balance at June 30, 2017	\$ 731,364	\$ 3,545,318	\$ 840,097	\$ 2,006,842	\$ 7,123,620
Recycled Water (Fund 19)					
Balance at June 30, 2016	\$ -	\$ 9,590	\$ -	\$ -	\$ 9,590
Interest Income	-	29	-	-	29
RWC Recycled Water O&M Contributions	-	219,254	-	-	219,254
RWC Recycled Water O&M Expenditures	-	(208,288)	-	-	(208,288)
Balance at June 30, 2017	\$ -	\$ 20,585	\$ -	\$ -	\$ 20,585
Plant Capital Improvement Program (Fund 20)					
Balance at June 30, 2016	5,520,932	(50,933,008)	(19,804,296)	(34,763,054)	\$ (99,979,426)
Revenues:					
Contributions to Debt Service	-	6,430,596	1,983,153	3,464,213	11,877,962
Cash Contributions in lieu of Debt	-	-	-	-	-
Unrealized Gain (Loss)	(5,472)	(28,124)	(8,767)	(15,542)	(57,904)
Interest on Trustee Reserves	-	56,934	17,734	31,019	105,688
Interest on Cash Contributions	15,492	7,987	(14,206)	(25,291)	(16,017)
Capitalized Projects Transferred to Fund 18	(894,192)	(4,595,864)	(1,432,600)	(2,539,695)	(9,462,352)
Interest Expense	-	(4,382,848)	(1,365,216)	(2,387,908)	(8,135,971)
Other debt-related Expense	-	410,596	127,897	223,705	762,199
Administrative Expense	(18,707)	(96,147)	(29,971)	(53,132)	(197,957)
Non-capitalized expenditures	(10,243)	(52,646)	(16,411)	(29,093)	(108,393)
Transfer Out To Fund 21 & 22	-	(856,815)	-	(958,062)	(1,814,877)
Balance at June 30, 2017	\$ 4,607,810	\$ (54,039,339)	\$ (20,542,682)	\$ (37,052,838)	\$ (107,027,049)
West Bay Sanitary District Capital Impr. Program (Fund 21)					
Balance at June 30, 2016	\$ -	\$ -	\$ -	\$ (958,062)	\$ (958,062)
Transfer in from Fund 20	-	-	-	958,062	958,062
Balance at June 30, 2017	\$ -	\$ -	\$ -	\$ 0	\$ 0
Redwood City Capital Impr. Program (Fund 22)					
Balance at June 30, 2016	\$ -	\$ (856,815)	\$ -	\$ -	\$ (856,815)
Transfer In from Fund 20	-	856,815	-	-	856,815
Balance at June 30, 2017	\$ -	\$ -	\$ -	\$ -	\$ -
Concluded					
TOTAL NET POSITION - June 30, 2017	\$ 20,951,130	\$ 39,863,182	\$ 6,840,208	\$ 14,024,108	\$ 81,678,628

OTHER INDEPENDENT AUDITOR'S REPORT



**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL
REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF
FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH
GOVERNMENT AUDITING STANDARDS**

To the Commission
Silicon Valley Clean Water

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the Silicon Valley Clean Water (SVCW) as of and for the year ended June 30, 2017, and the related notes to the financial statements, which collectively comprise SVCW's basic financial statements, and have issued our report thereon dated November 17, 2017.

Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered SVCW's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of SVCW's internal control. Accordingly, we do not express an opinion on the effectiveness of SVCW's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether SVCW's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.



Chavan & Associates, LLP
Certified Public Accountants

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

C & A LLP

November 17, 2017
San Jose, California

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Silicon Valley Clean Water

A Joint Powers Authority

SILICON VALLEY CLEAN WATER
SINGLE AUDIT REPORT
FOR THE YEAR ENDED JUNE 30, 2017



CHAVAN & ASSOCIATES, LLP
CERTIFIED PUBLIC ACCOUNTANTS
1475 SARATOGA AVE., SUITE 180
SAN JOSE, CA 95129

SILICON VALLEY CLEAN WATER, CALIFORNIA
SINGLE AUDIT REPORT
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**INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE FOR EACH
MAJOR FEDERAL PROGRAM; REPORT ON INTERNAL CONTROL OVER
COMPLIANCE; AND REPORT ON SCHEDULE OF EXPENDITURES OF FEDERAL
AWARDS REQUIRED BY UNIFORM GUIDANCE**

To the Commission of
Silicon Valley Clean Water
Redwood City, California

Report on Compliance for Each Major Federal Program

We have audited the Silicon Valley Clean Water's ("SVCW") compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of the SVCW's major federal programs for the year ended June 30, 2017. The SVCW's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

Management's Responsibility

Management is responsible for compliance with federal statutes, regulations, and the terms and conditions of its federal awards applicable to its federal programs.

Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of the SVCW's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the SVCW's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the SVCW's compliance.

Opinion on Each Major Federal Program

In our opinion, the SVCW complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2017.



Report on Internal Control Over Compliance

Management of SVCW is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the SVCW's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the SVCW's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. *A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

We have audited the financial statements of the business-type activities of the SVCW as of and for the year ended June 30, 2017, and have issued our report thereon dated October 31, 2017, which contained an unmodified opinion on those financial statements. Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the



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underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the financial statements as a whole.

C & A LLP

October 31, 2017
San Jose, California

SILICON VALLEY CLEAN WATER
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDED JUNE 30, 2017

<u>Federal Grantor/Pass-Through Grantor/Program Title</u>	<u>Federal Catalog Number (CFDA)</u>	<u>Pass Through Number</u>	<u>Federal Expenditures</u>
Environmental Protection Agency			
Passed Through California State Water Resources Control Board			
Capitalization Grants for Clean Water State Revolving Funds	66.458	⁽¹⁾ 51011	<u>\$ 3,226,191</u>
 TOTAL EXPENDITURES OF FEDERAL AWARDS			 <u>\$ 3,226,191</u>

⁽¹⁾ Audited as major program

Note: There were no federal grants passed through to subrecipients

The accompanying notes are an integral part of this financial statement

SILICON VALLEY CLEAN WATER
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
FOR THE FISCAL YEAR ENDED JUNE 30, 2017

Note 1. Basis of Presentation

The accompanying schedule of expenditures of federal awards (the schedule) includes the federal grant activity of the Silicon Valley Clean Water ("SVCW") under programs of the federal government for the year ended June 30, 2017. The information in this schedule is presented in accordance with the requirements of the Office of Management and Budget *Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Regulations, Cost Principles, and Audit Requirements for Federal Awards*. Because the schedule presents only a selected portion of the operations of SVCW, it is not intended to and does not present the financial position, changes in net position, or cash flows of SVCW.

Note 2. Summary of Significant Accounting Policies

Expenditures reported on the schedule are reported on the modified accrual basis of accounting. Such expenditures are recognized following the cost principles contained in *Title 2 U.S. Code of Federal Regulations (CFR) Part 200, Uniform Administrative Regulations, Cost Principles, and Audit Requirements for Federal Awards*, wherein certain types of expenditures are not allowable or are limited as to reimbursement. Negative amounts shown on the schedule represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. Pass-through entity identifying numbers are presented where available. SVCW has elected not to use the 10 percent de minimus indirect cost rate as allowed under Uniform Guidance.

Note 3. Relationship to the Basic Financial Statements

The amounts reported in the accompanying schedule agree, in all material respects, to amounts reported within the SVCW's financial statements. Federal award revenues are reported principally in the SVCW's financial statements as intergovernmental revenues.

Note 4. Relationship to Federal Financial Reports

Amounts reported in the accompanying schedule agree or can be reconciled with the amounts reported or to be reported in the federal financial reports.

Note 5. Pass-Through Entities' Identifying Number

When federal awards were received from a pass-through entity, the Schedule of Expenditures of Federal Awards shows, if available, the identifying number assigned by the pass-through entity. When no identifying number is shown, SVCW has determined that no identifying number is assigned for the program or SVCW was unable to obtain an identifying number from the pass-through entity.

SILICON VALLEY CLEAN WATER
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2017

Section I - Summary of Auditor's Results

Financial Statements

Type of auditor's report issued Unmodified

Internal control over financial reporting:

Material weaknesses? Yes x No

Significant deficiencies identified not
considered to be material weaknesses? Yes x No

Non-compliance material to financial statements noted? Yes x No

Federal Awards

Internal control over major programs:

Material weaknesses? Yes x No

Significant deficiencies identified not
considered to be material weaknesses? Yes x No

Type of auditor's report issued on compliance over major programs Unmodified

Any audit findings disclosed that are required to be reported in
accordance with 2 CFR 200.516(a) Yes x No

Identification of Major Programs:

<u>CFDA Numbers</u>	<u>Name of Federal Program</u>
66.458	Capitalization Grants for Clean Water State Revolving Funds

Dollar threshold used to distinguish between
type A and type B programs: \$ 750,000

Auditee qualified as low risk auditee? Yes x No

SILICON VALLEY CLEAN WATER
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2017

Section II - Financial Statement Findings

No findings noted.

Section III - Federal Award Findings and Questioned Costs

No findings noted.

**SILICON VALLEY CLEAN WATER
SUMMARY SCHEDULE OF PRIOR YEAR FINDINGS
FOR THE FISCAL YEAR ENDED JUNE 30, 2017**

Section II - Financial Statement Findings

No findings noted.

Section III - Federal Award Findings and Questioned Costs

No findings noted.



**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN
ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

To the Commission
Silicon Valley Clean Water
Redwood City, California

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the Silicon Valley Clean Water ("SVCW") as of and for the year ended June 30, 2017, and the related notes to the financial statements, which collectively comprise the SVCW's basic financial statements, and have issued our report thereon dated October 31, 2017.

Internal Control over Financial Reporting

Management is responsible for establishing and maintaining effective internal control over financial reporting. In planning and performing our audit of the financial statements, we considered the SVCW's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the SVCW's internal control. Accordingly, we do not express an opinion on the effectiveness of the SVCW's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the SVCW's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the SVCW's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws,



regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the SVCW's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the SVCW's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

C & A LLP

October 31, 2017
San Jose, California

**UPDATE OF RESOLUTION ESTABLISHING CHANGE ORDER POLICY FOR
CONSTRUCTION CONTRACTS**

ISSUE

Approval of Update to SVCW'S Change Order Policy to Reflect Increase in Manager's Change Order Dollar Limit.

BACKGROUND & DISCUSSION

In 1978, South Bayside System Authority (SBSA), now Silicon Valley Clean Water, revised its policy for approval of construction contract change orders ("Policy"). The Policy, inter alia, authorizes a project manager to issue change orders for a given project in an amount not to exceed \$10,000 without Commission approval. In the event there is no appointed project manager for a specific project, the Manager is deemed to be the project manager with the same change order limits.

Subsequent to adoption of the Policy and pursuant to Supplemental Agreement V to the Authority's Joint Exercise of Powers Agreement ("JPA"), this Commission increased the Manager's authority to issue contract expenditures without prior Commission approval of up to a dollar amount of \$50,000. Therefore, in order that SVCW's change order policy reflects the Manager's current contract expenditure authority, staff recommends that Resolution 78-11 be revised to eliminate the Project Manager's direct authority to approve change orders and also revised to reflect the Manager's authority to authorize construction change orders up to a dollar amount of \$50,000 and a maximum of ten percent (10%) of the construction contract value without prior Commission approval, which is commensurate with the Manager's existing monetary authority for contract expenditures under the JPA.

RECOMMENDATION

Move adoption of RESOLUTION UPDATING POLICY FOR APPROVAL OF CONSTRUCTION CONTRACT CHANGE ORDERS AND RESCINDING RESOLUTION NO. SBSA 78-11

**ALTERNATIVE PROJECT DELIVERY
REVISION TO ADMINISTRATIVE POLICY FOR DESIGN-BUILD DELIVERY
METHOD**

ISSUE

Approval of Revision C to Administrative Policy No. 2016-01 Establishing a Procedure for Implementing the Design-Build Process for Delivery of Capital Projects.

BACKGROUND

In October 2014, the California Legislature adopted Senate Bill 785 authorizing the Design-Build procurement process in California at the state and local agency levels. SB 785 became effective January 1, 2015. SB 785 authorizes local agencies to use the Design-Build project delivery method on public works projects exceeding \$1 million.

Local agencies wishing to use Design-Build under SB 785 must follow a process involving contract award based on best value and/or low bid. Best value requires the local agency to take into consideration various factors in addition to price in ranking proposals. At a minimum, the local agency must consider technical design and construction expertise along with project price. Once an award is made utilizing either low bid or best value, the local agency must publicly announce the award and provide a statement regarding the basis of the award.

To establish SVCW's procedures for utilizing the Design-Build contracting method, and to adopt the required organizational conflict of interest policy, SVCW legal counsel developed and recommended adopting Administrative Policy No. 2016-01. At their meeting of January 14, 2016, the Commission approved Policy No. 2016-01. There have been two revisions to the policy since the original adoption, both of which were clarifications (not changes) of the original intent.

DISCUSSION

Recently, staff encountered a clarification that SVCW would benefit from having reflected in the policy as well as a substantive change to the policy. The first change, the clarification, was described in the November 9, 2017 Commission agenda item related to acceptance of Lump Sum Design Build procurement documents. Design build procurement processes typically will involve two steps: A Request for Qualifications step followed by a Request for Proposal step. Administrative Policy No. 2016-01 currently requires that the procurement documents be shared with the Commission for approval at the Request for Qualifications step. However, there is no legal requirement to submit the procurement documents to the Commission for approval, and in many cases the procurement documents are not ready for consideration until the Request for Proposal step. Indeed, the only legal requirement is that a local agency obtain the approval of its governing body to utilize the Design-Build contracting approach prior to the award of the contract. Accordingly, Legal Counsel and staff agree that the policy would be improved by having the Commission approve the utilization of the Design-Build project delivery method for a qualifying project at the outset, and then allowing the procurement process

(i.e., preparation of the procurement documents, issuance of the RFQ and RFP) to proceed until the Commission makes a final determination to award the contract.

The second change was introduced to the Commission at their September 14, 2017 meeting. There was discussion to increasing the Manager's authority to approve changes to design build projects. Currently, the SVCW Manager approval authority is only \$50,000 per change and up to a total (multiple change orders) of 10% of the construction contract amount. Contract change orders that exceed \$50,000 or 10% of the contract amount must be presented to the Commission for authorization prior to issuance. Typically, these constraints are not a hindrance to construction in typical design-bid-build projects. In Design-Build projects, however, constraints can put undue schedule pressure on projects and have the risk of cancelling one of the primary benefits of the Design-Build implementation process, i.e. significant time savings in completing the project. There have been other instances whereby the Commission increased the Manager's authority for changes; in one case, the SVCW Central Chillers project, the Commission increased the Manager's authority from 10% to 15% of the contract amount. In the other case, the 48-inch Force Main project, the Manager's authority was increased to a dollar amount of \$100,000 per change while maintaining the 10% overall change order limit.

These requests are driven by the need to keep the Design-Builder working when unexpected challenges rear their heads. It is rare that a major challenge arises, but keeping the construction process moving forward is of utmost importance in containing project costs. It is recommended that the SVCW Manager be authorized to instruct the DB entity to continue construction while a meeting of the SVCW Commission is convened to address any urgent needs. A meeting may be a regularly scheduled meeting or a special meeting just to address an immediate concern, but the work should continue without interruption until the Commission can decide.

Specifically, in a Design-Build project, effective and timely decision making is of the essence for all parties involved. The ability to make decisions and keep the work moving is imperative to ensuring project success and cost containment. To this end, staff is recommending the SVCW Manager be authorized to make project Contract Change Order decisions up to a dollar amount of \$300,000 for Design Build projects. This amount is recommended as it is equivalent to the authorization level granted to the Manager for emergency situations by the SVCW Joint Powers Agreement. At the same time, staff is recommending the percent limitation of contract amount be kept at 10% for Design Build projects.

Allowing the Manager to approve changes up to \$300,000 will permit construction to continue even in extreme circumstances while a meeting of the Commission is convened to ratify the change order or approve even larger amounts as required in a situation that presents previously unknown challenges. For change orders between \$50,000 and \$300,000, the Manager will report and submit for ratification all changes in excess of the base approval level (\$50,000) to the Commission in writing at the next special or scheduled Commission meeting.

By implementing the recommended change, projects will continue to progress, work

stoppages will be avoided, costs associated with significant challenges will be held to a minimum and the Commission will continue to ratify all change orders more than \$50,000.

FINANCIAL IMPACT

In general, the recommended actions should result in positive financial impacts. The procurement process changes will streamline the work needed to implement Design-Build projects. The increased change order authorization will reduce the risk of project delays due to inability to approve a Contract Change Order.

RECOMMENDATION

Move adoption of RESOLUTION APPROVING AND ADOPTING REVISION C TO ADMINISTRATIVE POLICY 2016-01, ESTABLISHING A PROCEDURE IMPLEMENTING THE DESIGN-BUILD PROCESS FOR DELIVERY OF CONSTRUCTION PROJECTS AND ESTABLISHING A CONSTRUCTION CHANGE ORDER AUTHORIZATION OF UP TO \$300,000 FOR THE MANAGER TO ADDRESS IMMEDIATE NEEDS

Approved by the SVCW Commission at Meeting of December 14, 2017 by Resolution SVCW 17-71

SUBJECT: DESIGN-BUILD PROJECTS**APPLICABLE CODES AND REGULATIONS:**

California Public Contract Code Section 22160 et seq. (Local Agency Design-Build Projects)

PURPOSE:

The purpose of this policy is to establish a procedure for implementing the Design-Build process for delivery of projects in accordance with the provisions of Public Contract Code Division 2, Part 3, Chapter 4 (commencing with Section 22160; the “Act”).¹ As defined in the Act, “Design-Build” means a project delivery process in which both the design and construction of a project are procured from a single entity.

POLICY:

It is the policy of Silicon Valley Clean Water (“SVCW”) to employ the Design-Build method of project delivery in accordance with the Act for any project, the estimated cost of which exceeds one million dollars (\$1,000,000), and for which the Commission determines that the Best Value may so be achieved. As provided in the Act, “Best Value” means a value determined by evaluation of objective criteria that may include, but not be limited to price, features, functions, life-cycle costs, experience, and past performance. The Best Value determination may involve the selection of the lowest cost proposal meeting the interests of SVCW and meeting the objectives of the project, selection of the best proposal for a stipulated sum established by SVCW, or a tradeoff between price and other specified factors.

PROCEDURE:

1. Upon authorization by the Commission to utilize the Design-Build contracting approach for a project in accordance with this Policy, the Manager shall appoint a Design-Build Procurement Team (“Procurement Team”), which may be a standing team or a project-specific team as the Manager shall determine. At least one member of the Procurement Team shall be a Department Head or other high level manager of SVCW who shall be the Chair of the Team. The Procurement Team may be comprised of both in-house personnel and one or more consultants. Persons or entities participating on the Procurement Team shall be subject to the Organizational Conflict of Interest Code hereinafter adopted.
2. The Procurement Team shall be responsible for preparing a set of documents setting forth the scope and estimated price of the Design-Build project (“Procurement Documents”). The Procurement Documents may include, but need not be limited to, the size, type, and desired design character of the project, performance specifications covering the quality of materials, equipment, workmanship, preliminary plans or building layouts, or any other information

¹ Capitalized terms in this Policy have the meanings defined in the Act.

deemed necessary to describe adequately SVCW's needs for the project. The Procurement Documents may allow for use of a Design-Build proposal preparation stipend upon the approval of the Manager. The performance specifications and any plans shall be prepared by a design professional who is duly licensed and registered in California.

3. The Procurement Team shall prepare a Request for Qualifications in order to prequalify or shortlist the Design-Build Entities whose proposals shall be evaluated for final selection. The Manager shall issue the Request for Qualifications to potential Design-Build Entities.
4. The prequalification or shortlist process shall be administered by the Procurement Team. A Design-Build Entity shall not be prequalified or shortlisted unless the Entity provides an enforceable commitment to SVCW that it and its subcontractors at every tier will use a skilled and trained workforce to perform all work on the project or any project-related contract that falls within an apprenticeable occupation in the building and construction trades in accordance with Subdivision (c) of Public Contract Code Section 22164.
5. The Procurement Team shall prepare a Request for Proposals based on the Procurement Documents for a Design-Build project which shall then be issued to all prequalified or shortlisted Design-Build Entities for competitive sealed proposals to build the project substantially in accordance with the Procurement Documents. The Request for Proposals may allow for use of a Design-Build proposal preparation stipend upon the approval of the Manager.
6. Upon receipt of proposals, the Procurement Team shall evaluate and rank them based on a determination of value provided, and tentatively select the proposal that best conforms to the needs of SVCW for the project and whose proposal offers the Best Value to the public. The Manager shall submit the tentatively-selected Best Value proposal to the Commission with a recommendation to award the Design-Build contract for the project to the selected Proposer, who or which shall be determined to be the responsible Design-Build Entity upon award.
7. The award of the Design-Build contract shall be approved by the Commission and publicly announced by the Manager, identifying the successful Design-Build Entity, with a statement regarding the basis of the award.
8. For purposes of a change order adjusting the Design-Build contract price that exceeds the Manager's base change order authority under Resolution SVCW No. 17-71 whether by way of an Owner Elected Change or at the Design Builder request, and in order to effectuate the purposes of this Policy, the Manager shall have the authority to issue change orders up to a dollar amount of \$300,000 without prior approval of the Commission when the Manager determines that effective and timely decisions are necessary to implement a Design-Build project and will reduce the risk of delays; however, said change orders in excess of the authority provided under Resolution No. 17-71 are subject to submittal, approval and ratification by the Commission at its next regular or special meeting.

ORGANIZATIONAL CONFLICT OF INTEREST POLICY: The attached Organizational Conflict of Interest Policy, incorporated herein by reference, shall serve as guidelines regarding the ability of a person or entity that performs services for SVCW related to the solicitation of a Design-Build project to submit a proposal as a Design-Build Entity or to join a Design-Build Team.

RESPONSIBILITY:

MANAGER:

Submits a project to the Commission for authorization to proceed utilizing the Design-Build project delivery method pursuant to this Policy. Appoints a Design-Build Procurement Team. Issues Requests for Qualifications. Issues Requests for Proposals. Submits the tentatively-selected Best Value proposal to the Commission with a recommendation for approval to award the Design-Build contract. Announces award of the contract.

DESIGN-BUILD PROCUREMENT TEAM:

Prepares the Procurement Documents for a Design-Build project. Prepares a Request for Qualifications to prequalify or shortlist Design-Build Entities. Prepares a Request for Proposals to be issued to all prequalified or shortlisted Design-Build Entities. Evaluates and ranks the qualifications and proposals. Tentatively selects the Best Value proposal for award of the Design-Build contract.

COMMISSION:

Authorizes the implementation of the Design-Build process for a project. Determines the responsible Design-Build Entity and awards the Design-Build contract.

ATTACHMENT

Organizational Conflict of Interest Policy for Design-Build Projects

PURPOSE

This policy establishes the organizational conflict of interest guidelines applicable to Design-Build projects procured pursuant to Public Contract Code Section 22160, et seq.

APPLICABILITY

This policy applies to all Consultants and Contractors that have entered into or wish to enter into contracts with SVCW to perform design-build work.

POLICY

Contractors and consultants participating as proposers ("Proposers;") on a Design-Build project or joining a Design-Build team may not have an organizational conflict of interest.

Organizational conflicts of interest are created by circumstances arising out of consultants' or contractors' existing or past activities, business or financial interests, familial relationships, contractual relationships, or organizational structure (e.g., parent entities, subsidiaries, affiliates) that result in (i) impairment or potential impairment of consultants' or contractors' ability to render impartial assistance or advice to SVCW or of their objectivity in performing work for SVCW, (ii) an unfair competitive advantage for any bidder or Proposer with respect to SVCW's procurement, or (iii) a perception or appearance of impropriety with respect to any of SVCW's procurements or contracts or perception or appearance of unfair competitive advantage with respect to a procurement by SVCW (irrespective of whether such perception is accurate).

This Policy neither purports to address every situation that may arise in the context of SVCW's procurements and contracts, nor to mandate a particular decision or determination by SVCW. SVCW retains the ultimate and sole discretion to determine, on a case by case basis, whether an organizational conflict of interest exists. An organizational conflict of interest may exist in the following instances:

- a. A Proposer is SVCW's general engineering or architectural consultant for the Design-Build project, except that a sub-consultant of the general engineering or architectural consultant that has not yet performed work on the contract to provide services for the Design-Build project may participate as a Proposer or join a Design-Build team if the Proposer terminates the agreement to provide work and provides no work for SVCW's general engineering or architectural consultant on the Design-Build project.
- b. A Proposer has assisted or is assisting SVCW in the management of the Design-Build project, including the preparation of the request for proposals, evaluation criteria, or any other aspect of the procurement.
- c. A Proposer has conducted preliminary design services for the Design-Build project such as conceptual layouts, preliminary design, or preparation of bridging documents.

- d. A Proposer performed design work related to the Design-Build project for other stakeholders in the Design-Build project.
- e. A Proposer performed design work on a previous contract that specifically excludes the Proposer from participating as a Proposer or joining any Design-Build team for the design-build project.
- f. A Proposer is under contract with any other entity or stakeholder to perform oversight of the Design-Build project.

Any circumstances that would violate California Government Code Section 1090, et seq. (Contractual Conflicts).

SVCW may be required to comply with requirements and regulations applicable to federally funded procurements and contracts. Nothing in this Policy is intended to limit, modify or otherwise alter the effect of other relevant federal, state, or local regulations, statutes or rules.

Consultants responsible for preparing documents under the California Environmental Quality Act (“CEQA”) are required to comply with all state laws and regulations applicable to such services, including requirements relating to organizational conflicts of interest. For federally funded projects subject to NEPA compliance, Consultants involved in the preparation of an Environmental Impact Statement (EIS) must disclose whether or not they have a financial or other interest in the outcome of the project. A Consultant involved in the preparation of an EIS may propose on work connected with the project only after the EIS is completed. (See 40 CFR 1506.5(c).)

Proposers' Obligations

Proposers having a conflict must immediately make a full written disclosure of the conflict to the SVCW Manager and shall have a continuing obligation to do so until they are no longer Proposers.

If a Proposer determines that a potential conflict of interest exists, the Proposer's disclosure will not necessarily disqualify the Proposer from being awarded a contract. The Proposer shall submit proposed measures to avoid, neutralize, or mitigate all potential or actual conflicts. SVCW, at its sole discretion, shall determine whether an organizational conflict of interest exists and whether the proposed measures are sufficient to overcome the conflict or potential conflict and whether the Proposer may continue with the procurement process.

Obligations after Contract Award

The successful Proposer to whom the contract is awarded ("Contractor") has an ongoing obligation to monitor and disclose conflicts or potential conflicts of interest. SVCW has the right to ongoing enforcement of this policy. If an organizational conflict of interest is discovered after the contract has been awarded, the Contractor must make an immediate and full written disclosure to SVCW that includes a description of the action that the Contractor has taken or proposes to take to avoid or mitigate the conflict. If an organizational conflict of interest is determined to exist and the Contractor was aware of the organizational conflict of interest prior to award of the contract and did not disclose the conflict, SVCW may terminate the contract. If a conflict of interest arises after the contract award

and the Contractor's proposed measures to avoid or mitigate the conflict are determined by SVCW to be inadequate to protect SVCW, SVCW may terminate the contract. If the contract is terminated, SVCW assumes no obligation, responsibility or liability to reimburse all or part of the costs incurred or alleged to have been incurred by the Contractor, and SVCW shall be entitled to pursue any and all appropriate legal remedies.

Incorporation by Reference

This policy shall be incorporated by reference into all Design-Build contracts executed by SVCW.

DRAFT

**EQUIPMENT IN USE AT WASTEWATER TREATMENT PLANT
CONSIDERATION AND APPROVAL TO SPECIFY NEW 12 KV SWITCHGEAR
EQUIPMENT**

ISSUE

Consideration and Approval to Specify New 12 kV Switchgear Equipment for Use at SVCW Facilities.

BACKGROUND

SVCW's purchasing guidelines are delineated by the charter of the City of Redwood City and the California Public Contracts Code (PCC). One of the statutes in the PCC (Section 3400) restricts public agencies from drafting specifications for bids (1) in a manner that limits the bidding, directly or indirectly, to any one specific concern, or (2) calling for a designated material, product, thing, or service by specific brand or trade name unless the specification is followed by the words "or equal," so bidders may furnish any equal material, product, thing, or service. However, this subdivision is not applicable under certain circumstances, including: (1) for a field test or experiment to be made to determine the product's suitability for future use (2) to match other products in use on a particular public improvement either completed or in the course of completion (3) to obtain a necessary item that is only available from one source or (4) to respond to an emergency declared by a local agency or by the state.

The New 12kV Switchgear Project will include a new switchgear line-up, factory-integrated within a pre-fabricated metal electrical building. The project is currently in the design stage; to facilitate competitive bidding, the specifications for the equipment are written to allow three switchgear integration companies to bid. The three specified switchgear system integrators (i.e. Myers Power Products, Powercon and AZZ) are P.G.&E. approved vendors with significant experience integrating similar P.G.&E. substation equipment. The intent is to obtain the integrated switchgear equipment from one of these three vendors to facilitate P.G.&E. inspection and ultimate approval of the installed system.

Due to the specialty nature of this type of equipment, the new switchgear control system will be specified around Schweitzer Engineering Laboratories (SEL) protective relaying and SCADA hardware. The purpose for specifying and sole-sourcing this element of the new switchgear system is to take advantage of SVCW personnel knowledge of SEL hardware (knowledge gained by working with existing plant system devices, including the existing 12kV system), and to optimize long-term reliability and maintenance of the new switchgear equipment by having needed spare parts match for both installed pieces of SVCW 12kV switchgear equipment.

DISCUSSION

Under PCC Section 3400, SVCW is allowed to utilize specific equipment without specifying "or equal" manufacturers and equipment (sole source). Staff is requesting the Commission approve specifying the sole sourced equipment of Schweitzer Engineering

Laboratories for the new 12kV project. The switchgear control system produced by SEL meets the PCC Section 3400 allowance for sole sourcing equipment based on the provision to match other products in use on a particular public improvement either completed or in the course of completion (Item 2 noted in Background section above).

FINACIAL IMPACT

The financial impact of this action is unknown. It is presumed that sole sourcing equipment could add cost to capital projects, since it reduces the competitive pressure on bids. However, these costs can be offset by a reduction in maintenance costs associated with employee training and spare parts storage by reducing the number of models of equipment used.

RECOMMENDATION

- i. Move approval TO SUSPEND COMPETITIVE BIDDING REQUIREMENTS BASED ON PUBLIC CONTRACTS CODE (PCC) SECTION 3400 WHICH AUTHORIZES THE SILICON VALLEY CLEAN WATER TO PROCURE SPECIFIC EQUIPMENT OR VENDORS WITHOUT SPECIFYING "OR EQUAL" VENDORS AND EQUIPMENT (SOLE SOURCE) (5/7th weighted vote required)
- ii. Move adoption of RESOLUTION ALLOWING FOR THE SOLE SOURCE SPECIFICATION AND PROCUREMENT OF STANDARDIZED 12KV SWITHGEAR EQUIPMENT - Schweitzer Engineering Laboratories