

**COMMISSION OF SILICON VALLEY CLEAN WATER
JOINT POWERS AUTHORITY
REGULAR MEETING – Thursday, June 8, 2017
4:00 p.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 | April 30, 2017 |
| D. Engineering Projects Status Update | May 2017 |
| E. Commission Requested Staff-Level Action Items | |
| F. RESCU Program Design-Build Projects Status Update | Presentation |

6. MATTERS OF COMMISSION MEMBER'S INTEREST

7. CONSIDERATION OF MOTION APPROVING CONSENT CALENDAR

8. BUSINESS ITEMS

- A. CONSIDERATION OF RESOLUTION AWARDING CONSTRUCTION CONTRACT FOR THE SITE STABILIZATION GRADING AND DRAINAGE PROJECT (CIP #6013)

Proposed Action: Move adoption of RESOLUTION APPROVING CONSTRUCTION CONTRACT DOCUMENTS FOR SOIL STABILIZATION GRADING AND DRAINAGE PROJECT (CIP #6013); ACCEPTING BID OF LOWEST RESPONSIBLE BIDDER, REJECTING ALL OTHER BIDS; AND AUTHORIZING EXECUTION OF AGREEMENT, DIRECTING RETURN OF SECURITY DEPOSITS AND AUTHORIZING MANAGER TO APPROVE CONTRACT CHANGE ORDERS UP TO TEN PERCENT OF THE CONTRACT PRICE FOR SAID PROJECT – Teichert Construction - (\$4,205,200)

- 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 PURCHASE SPECIFIC EQUIPMENT WITHOUT SPECIFYING "OR EQUAL" MANUFACTURERS AND EQUIPMENT (SOLE SOURCE) (5/7th weighted vote required)
- ii. Move adoption of RESOLUTION ALLOWING FOR THE SOLE SOURCE SPECIFICATION AND PURCHASE OF STANDARDIZED EQUIPMENT AND MATERIALS AS LISTED, TO

MATCH EXISTING, PROVEN EFFECTIVE OR TESTED EFFECTIVE EQUIPMENT FOR A PERIOD OF FIVE YEARS FROM JUNE 2017 THROUGH MAY 2022

- C. CONSIDERATION OF RESOLUTION TO ESTABLISH RATES OF PAY FOR CONFIDENTIAL GENERAL, PROFESSIONAL, MANAGEMENT AND UNREPRESENTED GENERAL EMPLOYEES AND APPROVE A CONSOLIDATED PAY SCHEDULE FOR ALL EMPLOYEES

Proposed Actions: Move adoptions of:

- i. 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 16-23 AND RESCINDING ANY AND ALL OTHER RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HERewith
- ii. 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 16-24 AND RESCINDING ANY AND ALL OTHER RESOLUTIONS OR PROVISIONS THEREOF IN CONFLICT HERewith
- iii. RESOLUTION ESTABLISHING RATES OF PAY AND RELATED COMPENSATION FOR UNREPRESENTED GENERAL EMPLOYEE POSITIONS OF ENGINEERING INTERN AND LABORATORY ASSISTANT AND RESCINDING RESOLUTION NO. SVCW 16-25 AND ANY AND ALL OTHER RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HERewith
- iv. RESOLUTION ESTABLISHING RATES OF PAY FOR PROFESSIONAL EMPLOYEES OF SILICON VALLEY CLEAN WATER AND RESCINDING AND RESTATING CERTAIN PROVISIONS OF RESOLUTION NO. SVCW 16-26 AND RESCINDING ANY AND ALL OTHER RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HERewith
- v. 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 16-27 AND ANY AND ALL OTHER RESOLUTIONS OR PROVISIONS THEREOF IN CONFLICT HERewith
- vi. RESOLUTION ESTABLISHING A DEFINED CONTRIBUTION PENSION PLAN PURSUANT TO SECTION 401(a) OF THE INTERNAL REVENUE CODE
- vii. RESOLUTION APPROVING CONSOLIDATED PAY SCHEDULE FOR ALL REPRESENTED AND UNREPRESENTED EMPLOYEES OF SILICON VALLEY CLEAN WATER EFFECTIVE JUNE 18, 2017

9. CLOSED SESSION

A. PUBLIC EMPLOYEE PERFORMANCE EVALUATION (Government Code §54957)

Title: Manager

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

11. ADJOURN

CONSENT CALENDAR

NOTICE TO PUBLIC

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

7. A. APPROVAL OF MINUTES – May 11, 2017

B. CONSIDERATION OF MOTION APPROVING CLAIMS AND CHECKS DATED APRIL 22, 2017 AND NECESSARY PAYMENTS THROUGH MAY 31, 2017

C. CONSIDERATION OF MOTION ACCEPTING FINAL PROJECT AND FILING NOTICE OF COMPLETION FOR THE WET SIDE REDUNDANT POWER IMPROVEMENTS PROJECT (CIP #9806)

Proposed Action: Move approval to ACCEPT THE WET SIDE REDUNDANT POWER IMPROVEMENTS PROJECT (CIP# 9806) AND AUTHORIZE FILING NOTICE OF COMPLETION – RODAN BUILDERS, INC.

D. CONSIDERATION OF RESOLUTION APPROVING AND ADOPTING REVISION D TO ADMINISTRATIVE POLICY 1988-05, PROHIBITION OF DISCRIMINATION, HARASSMENT AND RETALIATION

Proposed Action: Move adoption of RESOLUTION APPROVING AND ADOPTING ADMINISTRATIVE POLICY 1988-05 REV. D, PROHIBITION OF DISCRIMINATION, HARASSMENT AND RETALIATION

E. CONSIDERATION OF RESOLUTION APPROVING AND ADOPTING REVISION A TO ADMINISTRATIVE POLICY 2013-03 ESTABLISHING SILICON VALLEY CLEAN WATER'S RESERVE FUND POLICY AND PROCEDURES

Proposed Action: Move adoption of RESOLUTION APPROVING AND ADOPTING REVISION A TO ADMINISTRATIVE POLICY 2013-03 ESTABLISHING SILICON VALLEY CLEAN WATER'S RESERVE FUND POLICY AND PROCEDURES

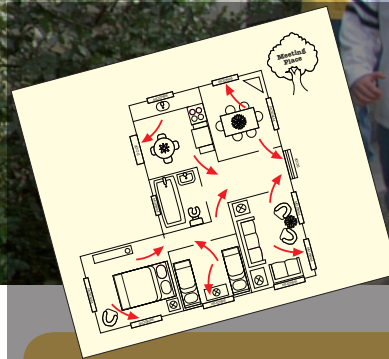
F. CONSIDERATION OF RESOLUTION APPROVING AND ADOPTING REVISION E TO ADMINISTRATIVE POLICY 1984-01 ESTABLISHING GUIDELINES FOR ANNUAL ANALYSES OF MANAGEMENT EMPLOYEES

Proposed Action: Move adoption of RESOLUTION APPROVING AND ADOPTING REVISION E TO ADMINISTRATIVE POLICY 1984-01, ESTABLISHING MANAGEMENT PERFORMANCE COMPENSATION AND ANNUAL PERFORMANCE INCENTIVE PAYMENT

SAFETY MOMENT

Escape Planning

Plan Ahead! If a fire breaks out in your home, you may have only a few minutes to get out safely once the smoke alarm sounds. Everyone needs to know what to do and where to go if there is a fire.



SAFETY TIPS

- » **MAKE** a home escape plan. Draw a map of your home showing all doors and windows. Discuss the plan with everyone in your home.
- » **KNOW** at least two ways out of every room, if possible. Make sure all doors and windows leading outside open easily.
- » **HAVE** an outside meeting place (like a tree, light pole or mailbox) a safe distance from the home where everyone should meet.
- » **PRACTICE** your home fire drill at night and during the day with everyone in your home, twice a year.
- » **PRACTICE** using different ways out.
- » **TEACH** children how to escape on their own in case you can't help them.
- » **CLOSE** doors behind you as you leave.

IF THE ALARM SOUNDS...

- » If the smoke alarm sounds, **GET OUT AND STAY OUT**. Never go back inside for people or pets.
- » If you have to escape through smoke, **GET LOW AND GO** under the smoke to your way out.
- » **CALL** the fire department from outside your home.

FACTS

- ! A closed door may slow the spread of smoke, heat, and fire. Install smoke alarms inside every sleeping room and outside each separate sleeping area. Install alarms on every level of the home. Smoke alarms should be interconnected. When one smoke alarm sounds, they all sound.
- ! According to an NFPA survey, only **one of every three** American households have actually developed and practiced a home fire escape plan.
- ! While **71%** of Americans have an escape plan in case of a fire, only **47%** of those have practiced it.
- ! **One-third** of American households who made an estimate thought they would have at least 6 minutes before a fire in their home would become life-threatening. The time available is often less. And only **8%** said their first thought on hearing a smoke alarm would be to get out!



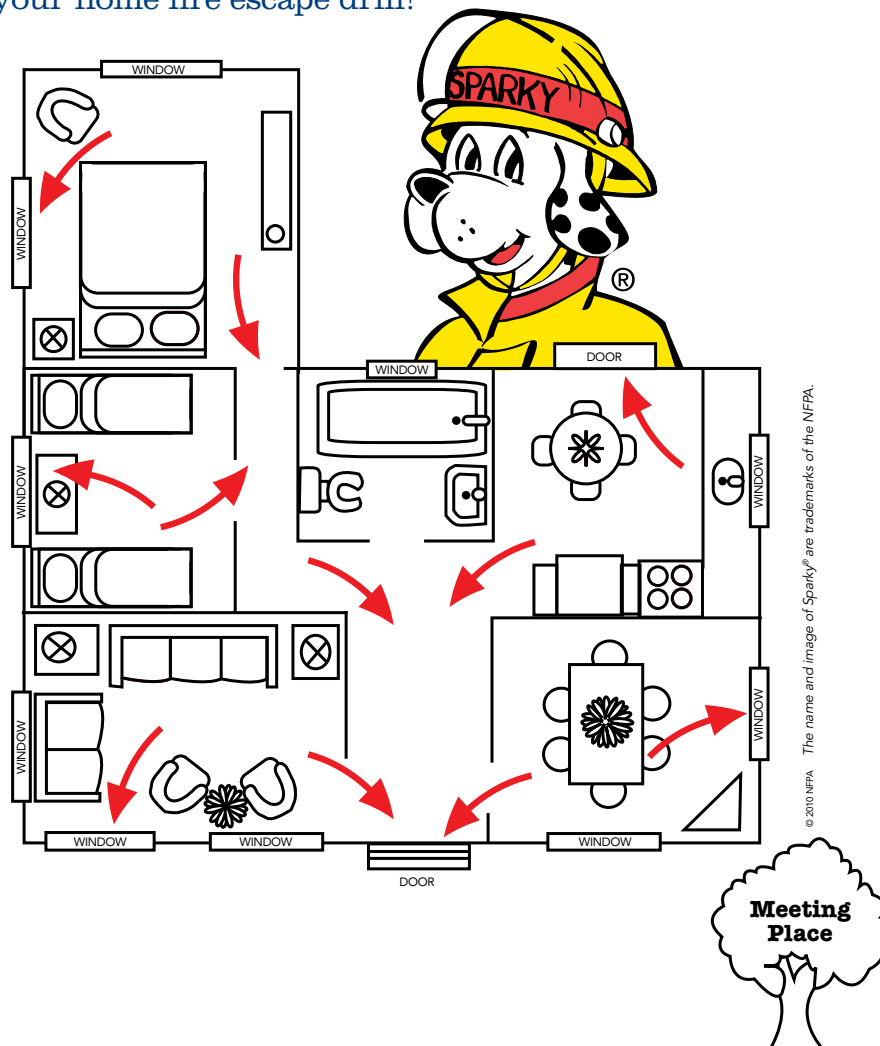
Your Source for SAFETY Information

NFPA Public Education Division • 1 Batterymarch Park, Quincy, MA 02169



How to Make a Home Fire Escape Plan

- Draw a map of your home. Show all doors and windows.
- Visit each room. Find two ways out.
- All windows and doors should open easily. You should be able to use them to get outside.
- Make sure your home has smoke alarms. Push the test button to make sure each alarm is working.
- Pick a meeting place outside. It should be in front of your home. Everyone will meet at the meeting place.
- Make sure your house or building number can be seen from the street.
- Talk about your plan with everyone in your home.
- Learn the emergency phone number for your fire department.
- Practice your home fire escape drill!



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SILICON VALLEY CLEAN WATER
INVESTMENT LISTING
April 30, 2017

Broker/Dealer	Composite	Coupon	Yield to	Estimated				
Investment Name	Credit	Maturity	Rate	Maturity	Par Value	Market Value	Annual \$ Yield	
Cost	Earnings							
Annual OPS and CAP Budget Reserve								
CLARK CNTY NEV FOR ISSUES DTD GO BDS	AA+	07/01/2017	4.300%	1.33	50,000	50,267	50,706	671
FEDERAL HOME LN MTG CORP PARTN CTF	N.A.	03/01/2018	5.000%	1.67	44,854	45,227	46,466	755
FEDERAL HOME LN MTG CORP PARTN GOLD	N.A.	02/01/2020	5.000%	1.94	59,351	61,246	62,615	1,188
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/13/2019	2.375%	1.49	60,000	61,393	62,204	917
FEDERAL HOME LOAN BKS CONS BDS	AA+	02/18/2021	1.375%	1.71	30,000	29,657	30,417	507
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/08/2017	5.400%	0.74	50,000	50,250	51,131	372
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/08/2017	3.125%	1.03	85,000	86,040	86,877	885
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/09/2017	1.125%	0.81	100,000	100,040	100,213	807
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/17/2018	1.950%	1.30	100,000	100,970	101,440	1,314
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	04/09/2018	1.034%	0.84	50,000	50,098	49,959	423
FEDERAL HOME LOAN BKS CONS BDS	AA+	03/09/2018	4.625%	1.17	125,000	128,823	129,480	1,506
FEDERAL HOME LOAN BKS CONS BDS	AA+	07/01/2019	4.375%	1.42	50,000	53,143	53,165	752
FEDERAL HOME LOAN BKS CONS BDS	AA+	09/13/2019	4.500%	1.47	100,000	107,066	108,206	1,574
FEDERAL HOME LN MTG CORP	AA+	07/25/2017	1.000%	0.91	50,000	50,011	50,035	455
FEDERAL NATL MTG ASSN	AA+	06/22/2020	1.500%	1.54	30,000	29,966	30,440	460
FEDERAL NATL MTG ASSN	AA+	11/30/2020	1.500%	1.66	30,000	29,849	30,355	496
FEDERAL NATL MTG ASSN	AA+	02/26/2021	1.375%	1.72	30,000	29,636	30,323	509
FEDERAL NATL MTG ASSN	AA+	11/27/2018	1.625%	1.28	60,000	60,338	60,913	770
FEDERAL NATL MTG ASSN GTD REMIC	NR	09/25/2019	2.171%	1.82	150,000	151,357	151,969	2,756
FEDERAL NATL MTG ASSN	AA+	09/25/2020	1.750%	1.81	100,000	99,542	100,822	1,804
FEDERAL HOME LN MTG CORP MULTICLASS	NR	11/25/2019	1.869%	1.71	130,000	130,268	129,817	2,222
FEDERAL HOME LN MTG CORP	AA+	05/12/2017	1.250%	0.79	95,000	95,014	95,305	748
FEDERAL HOME LN MTG CORP	AA+	05/30/2019	1.750%	1.35	30,000	30,233	30,630	408
FEDERAL HOME LN MTG CORP	AA+	10/02/2019	1.250%	1.48	30,000	29,837	30,194	442
FEDERAL HOME LN MTG CORP MULTICLASS	N.A.	04/15/2020	4.000%	1.86	31,924	32,471	32,882	604
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	12/01/2019	5.500%	1.86	47,143	48,650	49,853	905
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	03/01/2020	5.500%	1.65	24,863	25,126	25,765	415
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	04/01/2020	5.000%	1.95	28,272	29,348	29,844	572
GNMA II PASSTHRU CTF POOL #003421	N.A.	08/20/2018	4.500%	1.73	14,921	14,958	15,632	259
GENERAL ELEC CAP CORP MTN	A+	08/07/2018	1.304%	1.35	75,000	75,157	74,771	1,012
IOWA FIN AUTH REV ST REVOLVING FD	AAA	08/01/2018	3.280%	1.28	50,000	51,170	51,280	655
MCDONALDS CORP MED TERM NT FR	BBB+	10/15/2017	5.800%	1.47	25,000	25,483	25,583	373
NORTH ST PAUL MAPLEWOOD MINN I GO	AA	02/01/2018	5.000%	1.27	50,000	51,314	51,588	651
SAN LUIS ARIZ PLEDGED EXCISE T REV	N.A.	07/01/2017	2.000%	1.71	50,000	49,996	50,000	853
SMALL BUSINESS ADMIN GTD LN POOL	N.A.	02/25/2019	3.825%	2.68	36,704	36,960	38,086	989
U S BANCORP MTNS BK ENT FR	AA-	11/15/2018	1.950%	1.56	50,000	50,278	50,101	785
UNIVERSITY CALIF REVS FOR PREV GEN	AA	07/01/2019	1.796%	1.38	50,000	50,259	49,640	695
WELLS FARGO & CO NEW SR GBL NT	A+	12/11/2017	5.625%	1.41	50,000	51,246	51,986	721
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	10/26/2018	1.010%	1.20	80,000	79,472	80,000	954
MONTGOMERY CNTY MD CTF PARTN COPS	N.A.	11/01/2019	1.200%	1.73	100,000	98,636	100,058	1,707
RICHMOND VA GO PUB IMPT BDS C	AA	07/15/2021	2.599%	2.17	100,000	102,243	105,211	2,215
PORT MORROW ORE TRANSMISSION F REV	AA	09/01/2021	2.737%	2.16	100,000	102,316	104,828	2,207
WACO TEX INDPST SCH DIST REF BDS	N.A.	02/15/2020	4.000%	1.76	110,000	116,723	118,630	2,053
FEDERAL HOME LN MTG CORP	AA+	12/30/2019	1.500%	1.54	80,000	79,974	80,000	1,232
FEDERAL HOME LN MTG CORP	AA+	10/28/2019	1.625%	1.58	220,000	219,831	219,923	3,469
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	07/19/2021	2.030%	2.05	60,000	59,820	60,000	1,228
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	01/24/2022	2.050%	2.07	40,000	39,977	40,000	828
FEDERAL HOME LN MTG CORP	AA+	10/25/2019	1.600%	1.60	80,000	79,937	80,000	1,281
FEDERAL HOME LN MTG CORP	AA+	12/28/2020	2.000%	1.99	80,000	80,027	80,000	1,589
FEDERAL HOME LN MTG CORP MEDIUM	AA+	07/27/2020	1.625%	1.66	80,000	79,884	80,000	1,329
CASH & EQUIVALENTS	-	-	-	0.69	-	97,018	97,018	669
Annual OPS and CAP Budget Reserve Total					\$ 3,488,542	\$ 3,516,357	\$ 52,992	

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Broker/Dealer	Composite	Coupon	Yield to				Estimated
Investment Name	Credit	Maturity	Rate	Maturity	Par Value	Market Value	Annual \$ Yield
						Cost	Earnings
Capital Improvement Program Reserve							
APPLE INC SR FLT NT	AA+	02/07/2020	1.288%	1.29	100,000	100,440	1,295
BERGEN CNTY N J TAXABLE GO BDS 2008	N.A.	11/01/2019	6.000%	1.55	100,000	106,919	1,653
BERKSHIRE HATHAWAY FIN CORP GTD SR	AA	05/15/2018	5.400%	1.31	100,000	104,094	1,367
CALIFORNIA ST GO BDS TAXABLE	AA-	10/01/2019	6.200%	1.93	100,000	110,593	2,139
CHEVRON CORPORATION SR NT	AA-	03/03/2019	4.950%	1.61	100,000	105,880	1,704
CISCO SYS INC SR GLBL NT	A+	01/15/2020	4.450%	1.78	125,000	133,725	2,386
CLARK CNTY NEV FOR ISSUES DTD GO BDS	AA+	07/01/2017	4.300%	1.33	25,000	25,134	335
COLGATE PALMOLIVE CO MTNS FR	AA-	11/01/2018	1.500%	1.34	100,000	100,291	1,344
COOKEVILLE TENN GO INDUSTRIAL AND	N.A.	06/01/2017	3.000%	1.71	100,000	100,109	1,716
EXXON MOBIL CORP SR FLT NT	AA+	03/15/2019	1.281%	1.25	100,000	100,107	1,250
FEDERAL HOME LN MTG CORP PARTN CTF	N.A.	03/01/2018	5.000%	1.67	15,081	15,206	254
FEDERAL HOME LN MTG CORP PARTN GOLD	N.A.	02/01/2019	5.000%	1.86	55,911	57,405	1,068
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/13/2019	2.375%	1.49	340,000	347,895	5,194
FEDERAL HOME LOAN BKS CONS BDS	AA+	02/18/2021	1.375%	1.71	100,000	98,857	1,691
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	12/01/2017	2.500%	1.08	500,000	504,470	5,463
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	01/05/2018	4.500%	1.11	500,000	511,795	5,666
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/22/2017	5.000%	1.09	25,000	25,397	278
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/22/2018	5.050%	1.24	20,000	20,890	259
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	04/06/2020	5.300%	1.75	450,000	498,110	8,732
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/29/2017	4.750%	1.15	500,000	507,815	5,825
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/03/2019	5.320%	1.52	50,000	54,418	826
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	02/27/2018	4.670%	1.18	450,000	463,343	5,467
FEDERAL HOME LOAN BKS CONS BDS	AA+	09/08/2017	2.250%	0.89	250,000	251,118	2,237
FEDERAL HOME LOAN BKS CONS BDS	AA+	09/11/2020	2.875%	1.62	60,000	62,434	1,009
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/08/2017	2.625%	1.14	500,000	504,810	5,745
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/08/2017	3.125%	1.03	25,000	25,306	260
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/09/2017	1.125%	0.81	30,000	30,012	242
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/24/2019	1.520%	1.42	250,000	250,820	3,569
FEDERAL HOME LOAN BKS CONS BDS	AA+	08/15/2019	5.125%	1.47	60,000	64,982	952
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/12/2020	4.625%	1.62	200,000	217,954	3,537
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/05/2017	5.250%	0.74	500,000	502,120	3,736
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/14/2018	3.750%	1.33	250,000	259,590	3,455
FEDERAL HOME LOAN BKS CONS BDS	AA+	07/01/2019	4.375%	1.42	25,000	26,571	376
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/13/2019	4.125%	1.50	125,000	133,313	1,993
FEDERAL HOME LOAN BKS CONS BDS	AA+	03/13/2020	4.125%	1.56	700,000	750,309	11,690
FEDERAL NATL MTG ASSN	AA+	01/21/2020	1.625%	1.50	100,000	100,373	1,501
FEDERAL NATL MTG ASSN	AA+	06/22/2020	1.500%	1.54	50,000	49,943	767
FEDERAL NATL MTG ASSN	AA+	11/30/2020	1.500%	1.66	50,000	49,749	826
FEDERAL NATL MTG ASSN	AA+	12/28/2020	1.875%	1.66	325,000	327,711	5,427
FEDERAL NATL MTG ASSN	AA+	02/26/2021	1.375%	1.72	100,000	98,788	1,698
FEDERAL NATL MTG ASSN	AA+	11/27/2018	1.625%	1.28	150,000	150,845	1,925
FEDERAL HOME LN MTG CORP MULTICLASS	NR	06/25/2020	3.531%	1.96	100,000	104,786	2,052
FEDERAL HOME LN MTG CORP	AA+	06/13/2018	4.875%	1.14	115,000	119,698	1,365
FEDERAL HOME LN MTG CORP	AA+	03/27/2019	3.750%	1.33	500,000	522,755	6,968
FEDERAL HOME LN MTG CORP	AA+	05/30/2019	1.750%	1.35	50,000	50,389	681
FEDERAL HOME LN MTG CORP	AA+	10/02/2019	1.250%	1.48	50,000	49,729	737
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	05/01/2018	3.840%	2.54	250,000	253,540	6,440
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	04/01/2019	2.680%	1.92	472,891	480,027	9,217
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	07/01/2019	1.940%	1.84	465,000	465,963	8,574
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	04/01/2019	5.000%	1.84	67,675	69,670	1,282
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	07/01/2019	4.821%	2.03	254,020	269,577	5,472
INTERNATIONAL BUSINESS MACHS SR GLBL	AA-	02/06/2018	1.224%	1.17	100,000	100,185	1,176
IOWA FIN AUTH REV ST REVOLVING FD	AAA	08/01/2018	3.280%	1.28	25,000	25,585	327
MICROSOFT CORP NT	AAA	06/01/2019	4.200%	1.44	100,000	105,481	1,521
MONONA WIS TAXABLE PROM NTS 2015B	N.A.	06/01/2020	3.250%	2.43	100,000	102,120	2,484
NEW YORK N Y GOBDS 2011 C TAXABLE	AA	10/01/2018	3.480%	2.19	100,000	102,824	2,251
OHIO ST GO BDS 2009 C TAXABLE	AA+	03/01/2018	4.371%	1.39	100,000	102,324	1,421
ORACLE CORP SR FLT NT	A+	07/07/2017	1.350%	1.12	25,000	25,015	281
PASADENA CALIF PUB FING AUTH L LEASE	AA	03/01/2018	4.224%	1.73	25,000	25,449	439
TENNESSEE VALLEY AUTH GLBL PWR 07A	AA+	07/18/2017	5.500%	0.94	50,000	50,472	475
TENNESSEE VALLEY AUTH PWR BD 2008 B	AA+	04/01/2018	4.500%	1.19	500,000	515,075	6,109
WELLS FARGO & CO NEW SR GLBL NT	A+	12/11/2017	5.625%	1.41	25,000	25,623	361
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	10/26/2018	1.010%	1.20	100,000	99,340	1,192
MONTGOMERY CNTY MD CTFB PARTN COPS	N.A.	11/01/2019	1.200%	1.73	100,000	98,636	1,707
RICHMOND VA GO PUB IMPT BDS C	AA	07/15/2021	2.599%	2.17	100,000	102,243	2,215
BANK NEW YORK MTN BK ENT FR	A+	11/27/2020	2.450%	2.20	100,000	100,871	2,214
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	11/01/2020	3.410%	2.14	118,168	123,253	2,638
GILEAD SCIENCES INC SR NT	A-	09/01/2020	2.550%	2.11	100,000	101,314	2,139
WISCONSIN ST GEN FD ANNUAL APP REV	AA-	05/01/2021	1.616%	2.19	100,000	97,654	2,143
PORT MORROW ORE TRANSMISSION F REV	AA	09/01/2021	2.737%	2.16	225,000	230,211	4,966
WACO TEX INDPT SCH DIST REF BDS	N.A.	02/15/2020	4.000%	1.76	165,000	175,085	3,080
FEDERAL NATL MTG ASSN	AA+	05/26/2021	1.800%	1.93	260,000	258,726	4,991
FEDERAL HOME LN MTG CORP	AA+	12/30/2019	1.500%	1.54	260,000	259,914	4,003
FEDERAL HOME LN MTG CORP	AA+	12/30/2020	1.750%	1.84	340,000	339,123	6,250
FEDERAL HOME LN MTG CORP	AA+	10/28/2019	1.625%	1.58	600,000	599,538	9,461

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Broker/Dealer Investment Name	Composite		Coupon Rate	Yield to Maturity	Par Value	Market Value	Estimated Annual \$ Yield	
	Credit	Maturity					Cost	Earnings
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/30/2021	2.250%	2.23	180,000	180,038	180,000	4,008
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	07/19/2021	2.030%	2.05	80,000	79,760	80,000	1,637
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	01/24/2022	2.050%	2.07	120,000	119,932	120,000	2,485
FEDERAL HOME LN MTG CORP	AA+	10/25/2019	1.600%	1.60	120,000	119,905	120,000	1,922
FEDERAL HOME LN MTG CORP	AA+	12/28/2020	2.000%	1.99	120,000	120,041	120,000	2,383
FEDERAL HOME LN MTG CORP MEDIUM	AA+	07/27/2020	1.625%	1.66	80,000	79,884	80,000	1,329
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	10/05/2021	2.190%	2.18	120,000	120,056	120,000	2,621
CASH & EQUIVALENTS	-	-	-	0.69	-	846,732	846,732	5,842
Capital Improvement Program Reserve Total						\$ 15,768,177	\$ 15,899,252	\$ 235,713
Stage 2 Capacity Reserve								
BERKSHIRE HATHAWAY FIN CORP GTD SR	AA	05/15/2018	5.400%	1.31	100,000	104,094	105,806	1,367
CEDAR PARK TEX CTFS OBLIG TAXABLE	AA	08/15/2018	5.280%	1.59	50,000	52,272	52,469	833
CISCO SYS INC SR GLBL NT	A+	01/15/2020	4.450%	1.78	75,000	80,235	80,567	1,431
CLARK CNTY NEV FOR ISSUES DTD GO BDS	AA+	07/01/2017	4.300%	1.33	100,000	100,534	101,411	1,341
CONOCOPHILLIPS NT	BBB+	05/15/2018	5.200%	1.62	50,000	51,832	52,666	839
COOKEVILLE TENN GO INDUSTRIAL AND	N.A.	06/01/2017	3.000%	1.71	100,000	100,109	100,904	1,716
FEDERAL HOME LN MTG CORP PARTN GOLD	N.A.	02/01/2019	5.000%	1.86	55,911	57,405	58,952	1,068
FEDERAL HOME LN MTG CORP PARTN GOLD	N.A.	11/01/2020	4.500%	1.82	51,509	52,914	53,698	963
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/13/2019	2.375%	1.49	100,000	102,322	103,674	1,528
FEDERAL HOME LOAN BKS CONS BDS	AA+	02/18/2021	1.375%	1.71	100,000	98,857	101,391	1,691
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/29/2018	0.875%	1.15	100,000	99,661	100,107	1,146
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	05/15/2018	4.500%	1.18	100,000	103,593	104,616	1,224
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/29/2017	4.750%	1.15	250,000	253,908	254,690	2,912
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	09/28/2018	4.780%	1.31	55,000	57,770	57,709	757
FEDERAL HOME LOAN BKS CONS BDS	AA+	09/08/2017	2.250%	0.89	250,000	251,118	251,623	2,237
FEDERAL HOME LOAN BKS CONS BDS	AA+	09/11/2020	2.875%	1.62	60,000	62,434	62,914	1,009
FEDERAL HOME LOAN BKS CONS BDS	AA+	12/08/2017	3.125%	1.03	100,000	101,224	102,208	1,041
FEDERAL HOME LOAN BKS CONS BDS	AA+	06/09/2017	1.125%	0.81	100,000	100,040	100,213	807
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	06/24/2019	1.520%	1.42	200,000	200,656	200,000	2,855
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	04/09/2018	1.034%	0.84	50,000	50,098	49,959	423
FEDERAL HOME LOAN BKS CONS BDS	AA+	08/15/2019	5.125%	1.47	50,000	54,152	54,418	793
FEDERAL HOME LOAN BKS CONS BDS	AA+	03/09/2018	4.625%	1.17	75,000	77,294	77,688	904
FEDERAL HOME LOAN BKS CONS BDS	AA+	07/01/2019	4.375%	1.42	100,000	106,285	106,330	1,505
FEDERAL HOME LOAN BKS CONS BDS	AA+	03/13/2020	4.125%	1.56	125,000	133,984	133,931	2,087
FEDERAL HOME LN MTG CORP	AA+	07/25/2017	1.000%	0.91	100,000	100,021	100,070	910
FEDERAL NATL MTG ASSN	AA+	01/21/2020	1.625%	1.50	100,000	100,373	102,006	1,501
FEDERAL NATL MTG ASSN	AA+	06/22/2020	1.500%	1.54	100,000	99,885	101,466	1,534
FEDERAL NATL MTG ASSN	AA+	11/30/2020	1.500%	1.66	100,000	99,498	101,183	1,653
FEDERAL NATL MTG ASSN	AA+	12/28/2020	1.875%	1.66	175,000	176,460	179,379	2,922
FEDERAL NATL MTG ASSN	AA+	02/26/2021	1.375%	1.72	100,000	98,788	101,077	1,698
FEDERAL NATL MTG ASSN	AA+	01/14/2019	3.275%	1.41	100,000	103,389	103,404	1,455
FEDERAL HOME LN MTG CORP MULTICLASS	NR	10/25/2020	2.788%	1.74	68,714	69,721	70,432	1,215
FEDERAL HOME LN MTG CORP	AA+	03/27/2019	3.750%	1.33	250,000	261,378	261,276	3,484
FEDERAL HOME LN MTG CORP	AA+	05/12/2017	1.250%	0.79	55,000	55,008	55,177	433
FEDERAL HOME LN MTG CORP	AA+	05/30/2019	1.750%	1.35	100,000	100,777	102,101	1,361
FEDERAL HOME LN MTG CORP	AA+	08/01/2019	1.250%	1.41	100,000	99,666	101,099	1,400
FEDERAL HOME LN MTG CORP	AA+	10/02/2019	1.250%	1.48	100,000	99,458	100,645	1,474
FEDERAL HOME LN MTG CORP	AA+	04/09/2018	0.750%	1.15	100,000	99,625	99,836	1,144
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	05/01/2018	3.840%	2.54	200,000	202,832	213,313	5,152
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	12/01/2020	4.000%	1.93	80,492	83,498	84,340	1,612
FEDERAL NATL MTG ASSN GTD PASSTHRU	N.A.	07/01/2019	4.821%	2.03	212,464	225,476	235,703	4,577
GARNER N C GO PUB IMPT BDS TAXABLE	AA+	02/01/2018	3.050%	1.44	50,000	50,543	50,791	728
GENERAL ELEC CAP CORP MTN	A+	08/07/2018	1.304%	1.35	100,000	100,209	99,695	1,349
IOWA FIN AUTH REV ST REVOLVING FD	AAA	08/01/2018	3.280%	1.28	100,000	102,339	102,559	1,310
JPMORGAN CHASE & CO SR NT	A-	03/01/2021	2.550%	2.44	50,000	50,237	51,073	1,225
LANCASTER CNTY NEB SCH DIST NO SCH	AA	01/15/2021	4.550%	2.48	50,000	53,760	55,181	1,335

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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
MCDONALDS CORP MED TERM NT FR	BBB+	10/15/2017	5.800%	1.47	50,000	50,965	51,165	747
NORFOLK VA GO CAP IMPT BDS 2010 B	AA	03/01/2019	4.650%	1.91	100,000	105,027	105,244	2,008
NORTH ST PAUL MAPLEWOOD MINN I GO	AA	02/01/2018	5.000%	1.27	100,000	102,628	103,176	1,301
SAN LUIS ARIZ PLEDGED EXCISE T REV	N.A.	07/01/2017	2.000%	1.71	100,000	99,992	100,000	1,706
TENNESSEE VALLEY AUTH PWR BD 2008 B	AA+	04/01/2018	4.500%	1.19	200,000	206,030	206,530	2,444
U S BANCORP MTNS BK ENT FR	AA-	11/15/2018	1.950%	1.56	100,000	100,555	100,201	1,570
UNIVERSITY CALIF REVS FOR PREV GEN	AA	07/01/2019	1.796%	1.38	50,000	50,259	49,640	695
WELLS FARGO & CO NEW SR GLBL NT	A+	12/11/2017	5.625%	1.41	100,000	102,492	103,971	1,442
XTO ENERGY INC SR NT	AA+	06/15/2018	5.500%	1.49	100,000	104,470	106,117	1,561
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	10/26/2018	1.010%	1.20	200,000	198,680	200,000	2,384
MONTGOMERY CNTY MD CTFIS PARTN COPS	N.A.	11/01/2019	1.200%	1.73	100,000	98,636	100,058	1,707
BANK NEW YORK MTN BK ENT FR	A+	11/27/2020	2.450%	2.20	150,000	151,307	155,091	3,321
GILEAD SCIENCES INC SR NT	A-	09/01/2020	2.550%	2.11	150,000	151,971	155,595	3,208
WISCONSIN ST GEN FD ANNUAL APP REV	AA-	05/01/2021	1.616%	2.19	100,000	97,654	100,150	2,143
FEDERAL HOME LN MTG CORP	AA+	08/25/2021	1.250%	1.99	90,000	88,664	90,000	1,760
METRO WASTEWTR RECLAMATION DIS REV	AA+	04/01/2019	4.718%	1.94	100,000	106,022	107,178	2,060
WACO TEX INDPT SCH DIST REF BDS	N.A.	02/15/2020	4.000%	1.76	55,000	58,362	59,315	1,027
FEDERAL HOME LN MTG CORP	AA+	03/30/2021	1.500%	1.79	60,000	58,428	60,000	1,046
FEDERAL HOME LN MTG CORP	AA+	09/30/2021	1.050%	2.43	100,000	98,183	99,900	2,382
FEDERAL NATL MTG ASSN	AA+	09/30/2019	1.250%	1.44	60,000	59,656	59,985	858
FEDERAL NATL MTG ASSN	AA+	05/26/2021	1.800%	1.93	60,000	59,706	60,000	1,152
FEDERAL HOME LN MTG CORP	AA+	12/30/2020	1.750%	1.84	100,000	99,742	100,000	1,838
FEDERAL HOME LN MTG CORP	AA+	10/28/2019	1.625%	1.58	200,000	199,846	199,930	3,154
FEDERAL NATL MTG ASSN	AA+	08/24/2020	1.875%	1.87	250,000	250,015	250,000	4,663
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	07/19/2021	2.030%	2.05	80,000	79,760	80,000	1,637
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	01/24/2022	2.050%	2.07	60,000	59,966	60,000	1,242
FEDERAL HOME LN MTG CORP	AA+	10/25/2019	1.600%	1.60	380,000	379,700	380,000	6,087
FEDERAL HOME LN MTG CORP	AA+	12/28/2020	2.000%	1.99	310,000	310,105	310,000	6,156
FEDERAL HOME LN MTG CORP MEDIUM	AA+	07/27/2020	1.625%	1.66	40,000	39,942	40,000	665
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	10/05/2021	2.190%	2.18	280,000	280,132	280,000	6,115
FEDERAL FARM CR BKS CONS SYSTEMWIDE	AA+	01/05/2022	2.240%	2.24	120,000	120,004	120,000	2,682
CASH & EQUIVALENTS	-	-	-	0.69	-	358,635	358,635	2,475
Stage 2 Capacity Reserve Total						\$ 9,213,259	\$ 9,291,626	\$ 145,184
Subtotal, Bank of the West						\$ 28,469,977	\$ 28,707,235	\$ 433,889
California Local Agency Investment Fund	LAIF	-	0.884			\$ 1,269,202	\$ 1,269,202	11,220
TOTAL UNRESTRICTED INVESTMENTS						\$ 29,739,179	\$ 29,976,437	\$ 445,108
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%	-		4,327	4,327	-	
2009 Reserve Account - Federal National Mortgage Assn 313G3Q73	Aaa	7/26/2019	1.150%	1.16	4,743,529	4,780,000	55,025	
2009 Reserve Account - BMW BK North Amer Salt Lake 05580ACK8	Aa	7/24/2019	2.000%	1.98	151,319	150,000	2,996	
2009 Reserve Account - Morgan Stanley Treas Sec X9USDMORS	-	0.000%	-		71,182	71,182	-	
2009 Reserve Account - Morgan Stanley Treas Sec X9USDMORS	-	0.000%	-		62,656	62,656	-	
2009 Revenue FD Account - Morgan Stanley Treas Sec X9USDMORS	-	0.000%	-		533	533	-	
2014 Revenue Account - Goldman Sachs Fin Sq Instl X9USDGLD4	-	0.000%	-		425	425	-	
2014 Revenue Account - Cash	-	0.000%	-		1	1	-	
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 - Goldman Sachs Fin Sq Instl X9USDGLD4	-	0.000%	-		3,256	3,255	-	
2014 Project Account - Cash	-	0.000%	-		11	11	-	
2014 COI Account - Goldman Sachs Fin Sq Instl X9USDGLD4	-	0.000%	-		5,135	5,133	-	
2014 COI Account - Cash	-	0.000%	-		18	18	-	
2015 Project Account - LAIF	-	0.000%	0.884		4,983,802	4,261,802	44,057	
2015 Project Account - JP Morgan Prime MMKT Instl X9USDJPMP	-	0.000%	-		210	210	-	
2015 Project Account - Cash	-	0.000%	-		296	296	-	
2015 Revenue Account - JP Morgan Prime MMKT Instl X9USDJPMP	-	0.000%	-		163	163	-	

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Broker/Dealer Investment Name	Composite		Coupon		Yield to	Par Value	Market Value	Estimated Annual \$ Yield	
	Credit	Maturity	Rate	Maturity				Cost	Earnings
2008 Escrow Account - United States Treasury Notes 912828NR7	Aaa	7/31/2017	2.375%	2.36			7,518,687	7,715,749	177,441
2008 Escrow Account - Cash			0.000%	-			581	581	-
2009 Escrow - United States Treasury 912828XP0	Aaa	7/31/2017	0.625%	0.63			596,606	596,728	3,759
2009 Escrow - United States Treasury 912828UJ7	Aaa	1/31/2018	0.875%	0.88			598,113	599,629	5,263
2009 Escrow - Resolution Funding Corp Interest Strip 76116EFS4	Aaa	7/15/2018	0.000%	-			333,231	329,183	-
2009 Escrow - United States Treasury 912828VQ0	Aaa	7/31/2018	1.375%	1.37			263,597	265,978	3,611
2009 Escrow - United States Treasury 912828B33	Aaa	1/31/2019	1.500%	1.49			605,641	610,349	9,024
2009 Escrow - Tunisia Government Aid Bonds 066716AG6	Aaa	7/16/2019	1.686%	1.71			39,706,266	40,944,692	678,977
2009 Escrow - Cash			0.000%	-			2,626	2,626	-
Subtotal, Bank of New York (Trustee)							\$ 59,652,245	\$ 60,405,561	\$ 980,153
Less Amounts held in Escrow for 2008 and 2009 Bond Defeasance							\$ (49,625,348)	\$ (51,065,514)	\$ (878,075)
Net Total, Bank of New York (Trustee)							\$ 10,026,897	\$ 9,340,047	\$ 102,078
Uninvested Operating Cash							492,470	492,470	-
TOTAL CASH & INVESTMENTS, UNRESTRICTED AND WITH TRUSTEE							\$ 40,258,546	\$ 39,808,954	547,186
							Weighted Average Yield to Maturity %		1.36%

Summary by Investment Type:	Market Value
US Treasuries	\$ 138,713
Agencies	25,530,045
Commercial Paper / Corporate Bonds	2,504,874
Municipal Bonds / Notes	4,027,521
Money Market / Certificates of Deposit	1,804,389
Local Agency Investment Fund	6,253,004
TOTAL	\$ 40,258,546

Summary by Purpose / Restriction Level	Market Value
Working Capital	\$ 1,761,671
Operations & Capital Budget Reserve	3,488,542
Capital Improvement Program Reserve	15,768,177
Stage 2 Capacity Reserve	9,213,259
Debt Reserve	5,042,427
Debt Proceeds	4,984,470
TOTAL	\$ 40,258,546

Summary by Liquidity:	Market Value
0-1 years	\$ 15,321,788
1-2 years	4,873,896
2-3 years	13,322,870
3-5 years	6,739,992
TOTAL	\$ 40,258,546

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: MAY 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: Approve Construction Contract – June 2017

Wet Side Redundant Power Improvements Project (9806): Installation of two 2000 kW standby generators to provide standby power to wet side of plant.

This project completes the effort to decentralize power distribution throughout the plant by installing two standby generators to the new Power Distribution Panel No. 2 (PDP-2). This allows the equipment that is connected to the PDP-2 to have backup power in the case of loss of PG&E power. The generators were purchased from Bay City Electric Works and installed by Rodan Builders, Inc.

Planned Commission Actions: Accept Project – June 2017

Food Waste: Receiving Station Improvements (9229): Plan, design and construct a receiving station for accepting municipal organic waste for anaerobic digestion and methane production.

SVCW plans to build a pilot facility to determine the effect of food waste acceptance on digester performance and operations. Installation of flow meters is part of a greater project, the Food Waste Receiving Station Pilot project. The Food Waste Receiving Station Pilot is currently awaiting a regulatory permit from the Air Quality Management District and feedstock from SVCW's solid waste partner agency. In preparation for the project, the installation of the FOG and Sludge Flow Meters will allow SVCW to monitor the flow of grease and sludge into the digesters to obtain a better understanding of the impact of increased grease and, ultimately, food waste on Digester gas production.

Planned Commission Actions: Approve Construction Contract – October 2017

Dual Media Filters 6A and 6B (9222): Outfit the remaining two Dual Media Filters, including coatings, underdrain system, filter media, air scour equipment, and associated valves and piping.

The DMF 6A and 6B project will provide reliability for wet weather events; wet weather flows are sometimes diverted around the filters when storm flows reach approximately 60 to 65 MGD. Completion of this work will allow higher flow to be treated before it is necessary to divert some or all flow around the filters. The practice of diverting flow around the filters is currently allowed in SVCW's NPDES permit, but may be eliminated in upcoming permits. This work will duplicate the systems already installed in the ten active filters. The construction work is being performed by ERS with design assistance from Kennedy/Jenks.

Planned Commission Actions: Accept Project – July 2017

Effluent Pipeline Replacement Project (6012): Replace the effluent pipeline from where it exits the main structure to where it enters the San Francisco Bay.

The pipeline taking treated effluent to the bay for final discharge was found to be leaking and a project was awarded to Power Engineering to replace the pipeline in June 2015. Work has been ongoing since that time.

A method to protect the connection between the plant main structure and the HDPE pipeline needed to be designed as the project progressed, as it was not determined at the time the original project cost was developed. A change order was negotiated with the contractor to place a concrete bridge around the connection point to protect the pipe from unnecessary loads. Work is complete on this critical project.

Planned Commission Actions: Accept Project – July 2017

Thickening Improvements – Phase 1 (9168): Procure and install two rotary drum thickeners to thicken primary sludge.

The SVCW plant is currently being operated with one gravity thickener (of the original four). In September 2015, the Commission authorized a task order for the design of the rehabilitation of the thickeners. The construction cost estimate provided by the designer exceeded the budget of the project, so it was deferred. The decision was made to run the existing thickeners until near-failure and then replace them with rotary drum thickeners. The gravity thickeners experienced a significant failure in February 2017. At the March 2017 meeting, the Commission authorized purchase of two rotary drum thickeners; these have been ordered and are in the process of being manufactured. Simultaneous with the manufacturing of the RDTs, the construction and installation contract documents are being completed for public bid.

Planned Commission Actions: Approve Installation Contract – September 2017

Wastewater Treatment Plant Improvements Phase 2 (9186, 9189, 9084, 9120, 9197, 9224): Rehabilitation and/or replacement of six treatment plant mechanical processes.

Staff has submitted an application to the State Water Resources Control Board for purposes of obtaining a loan for a number of wastewater treatment plant improvements. Previously, a loan was obtained for Phase 1 of the WWTP improvements; the submitted projects comprise Phase 2. SVCW staff are pursuing alternative funding sources which may be needed as the SRF program is currently oversubscribed and it is possible that SRF funds will not be appropriated. Six projects within Phase 2 would benefit by using the Design-Build process for implementation. To that end, a task order scope and budget was negotiated with an SVCW consultant to provide Owner's Advisor services. Preparation of Procurement Documents is underway, and it is expected that a Request for Qualifications (RFQ) will be completed by September.

Planned Commission Actions: Approve Procurement Documents – September 2017
Authorize Issuance of RFQ – September 2017

Conveyance System Program Project Delivery (6006): Evaluate possible and preferred methods for project delivery.

In January 2016, the Commission approved a policy outlining procedures for using the Design-Build method for project delivery. The Commission also provided direction to staff to prepare Procurement Documents for wastewater treatment plant projects that are good candidates for the design-build method of project delivery. Task orders were presented at the January 2017 Commission meeting for approval of Owner's Advisor (OA) services to prepare Requests for Qualifications (RFQs) and Requests for Proposals (RFPs) for Progressive Design-Build delivery of two of the Conveyance System Projects (Gravity Pipeline via Tunneling and Front of Plant Facilities). The RFQs have been released, Statements of Qualifications received, and preparation of the RFPs is underway. It is expected that staff will present a recommendation to award the design-build contract(s) to the Commission in October 2017 and November 2017 for the Gravity Pipeline and Front of Plant, respectively.

Planned Commission Actions: Approve Design-Build Entity Selection and Stage 1 Contracts – October and November 2017

SVCW Capital Improvement Program
Actual Expenditure vs. Plan
Through April 30, 2017

Project Phase	Project Count	Amended 2015 CIP Update	Actual Spent thru April 2017	\$ Unspent/ Remaining	% Unspent/ Remaining
Completed	103	\$ 139,194,565	\$ 137,318,522	\$ 1,876,043	1.3%
In Construction	29	75,997,343	62,437,069	13,560,275	17.8%
Planning & Design	35	461,274,545	27,399,459	433,875,087	94.1%
Other	33	136,483,183	5,484,259	130,998,925	96.0%
TOTAL	200	* \$ 812,949,637	\$ 232,639,308	\$ 580,310,329	71.4%

* 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**

14-Apr-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 April 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	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	-	3,000,000	3,128,769	3,083,328
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	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	7,474,051	7,473,607
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	-	2,428
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	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	646,883	637,048
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	3,792,600	3,792,600
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 building 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
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

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

14-Apr-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 April 2017
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	390,681
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	3,072,075	3,072,075
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	9124	Biosolids Master Plan	Master plan for handling, hauling and disposal/reuse of biosolids.	6,373,600	694,523	694,523	694,974
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	503,138	503,138
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	4,217,215
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	-

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

14-Apr-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 April 2017
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	9205	1406 Radio Road Property Improvements	Provide for general improvements at the newly purchased property at 1406 Radio Road	-	1,135,000	234,666	234,666
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
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	-

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

14-Apr-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 April 2017
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	-
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	-
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				\$51,504,236	\$126,514,271	\$139,194,565	\$137,318,522

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

14-Apr-17

Project Phase	Project No.	Project Name	Project Description/Status	2008 CIP (Original, 2007 \$s)	2013 CIP Update (2010 \$s)	Amended 2015 CIP Update	Actual Spent thru April 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	9,860,220
Constr	7012	Pump Stations Processor Upgrade & T-1 Transition for Primary Communications	Install new PLC processors for existing Pump Station Controls	-	-	\$ 298,151	87,992
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	\$ 5,442,406	6,051,186
Constr	8018	Gravity Thickener Process Automation	Install basic PLC and Communication equipment, conduit and primary sensing devices in thickener area. Part of SPA	2,105,800	4,285,314	\$ 6,223,412	7,573,192
Constr	8021	Anaerobic Digestion Process Automation	Automate digester process. Part of SPA project.	2,589,600	8,882,096	\$ 9,535,154	7,550,187
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	184,564
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	3,454,285
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	2,213,985
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	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	1,767,762
Constr	9131	Plant Service Road Resurfacing-Phase 2	Plant site grading and paving.	1,089,000	821,310	\$ 953,372	153,612
Constr	9152	Small Capital Equipment Replacement	Ongoing replacement of equipment for maintenance needs throughout plant	3,714,000	1,954,500	\$ 2,238,071	1,230,902
Constr	9164	Dewatering and Solids Handling Improvements - Phase I	Recommendations from the Biosolids Master Plan for dewatering improvements.	-	3,897,253	\$ 5,536,578	6,379,530
Constr	9177	Implement Security Plan Enhancements	Implement enhancements outlined in Security Document; conjoin with capital improvements as they are being	-	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	731,397
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	516,405
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	840,267
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.	-	-	\$ 2,830,731	6,801,913
TOTALS - PROJECTS IN CONSTRUCTION				\$ 26,520,850	\$ 57,118,423	\$ 75,997,343	\$ 62,437,069

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

14-Apr-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 April 2017
Planning	6004	Flow Equalization Facility	Build wet weather and diurnal storage facilities on plant	\$8,981,300	\$28,600,000	\$ 18,171,592	637,324
Planning	6006	Conveyance System CEQA	Project Development, CEQA, and Planning for the Conveyance System Project Elements	-	839,000	\$ 5,100,580	3,972,165
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	9,666,572
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	205,833
Planning	6013	Receiving Lift Station	Construct new pump station to lift flow out of the gravity pipeline and into headworks of the plant.	-	-	\$ 50,517,763	523,091
Planning	6014	Influent Connector Pipe	Install new pipeline that connects headworks process to current plant influent.	-	-	\$ 9,081,206	502,719
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	131,167
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	3,235,331
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	14,872,000	-	\$ 10,106,624	6,458
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	313,383
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	\$ 456,857	458,760
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	4,011,613
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	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	\$ 312,190	55,239
Planning	9105	Document Management System	Phase 2 of the IMMS; use for CIP information management.	1,995,500	1,995,500	\$ 2,318,059	326,974
Planning	9107	CCT Concrete and Steel Protective Coating Replacement	Recoat walls and Ceiling of CCT	4,807,400	4,901,400	\$ 5,719,970	96,441
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	32,962
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	\$ 137,681	242,936
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	14,082
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	871,073
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	219,271

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

14-Apr-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 April 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	2,236
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	32,341
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	-
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	-	-	\$ 1,032,137	124,510
Design	9168	Thickening Improvements - Phase I	Rehabilitate Thickeners 2 and 3	-	2,808,000	\$ 1,448,690	86,104
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	344,036
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	9,005
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	888,031
TOTALS - PROJECTS IN PLANNING & DESIGN				\$66,849,800	\$197,244,395	\$461,274,545	\$27,399,459

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**

14-Apr-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 April 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	35,102	108,922
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	-
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	-	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	-	-
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	-
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	-
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.	-	-	-	-

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

14-Apr-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 April 2017
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	433,239	455,532
Project Merged	9108	Scum Flowmeter	Combined with Thickener Automation (CIP 8018).	29,200	-	-	-
Project Merged	9165	Seismic Upgrade of Digester Mix Room and Boiler Room Piping	Do work under SPA project, CIP # 8021.	-	111,500	-	-
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	120,256
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	544,717
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	220,988
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	222,746
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				\$135,109,900	\$28,350,014	\$136,483,183	\$5,484,259

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
Last Update: 5/25/2017

Commission Meeting Date	Action Item		Requested or Estimated Date for Completion	Status			Date of Completion	Notes
				Ongoing	In Progress	Complete		
5/11/2017	1	Progressive Design-Build	5/18/2017			✓	5/15/2017	Send a link of the Requests for Qualifications to Commissioner Otte.
4/13/2017	1	Progressive Design-Build	5/11/2017	✓				Provide Selection Criteria, Scoring Process and routine updates on the Design-Build selection process for Front of the Plant and Gravity Sewer projects to the Commission .
	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).
	3	Management Personnel Performance Pay Policy	NA		✓			Update 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.
3/23/2017	1	Long Term Compensation Stability Program/Policy	1/11/2018		✓			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 and gain Commission approval to facilitate inclusion in the FY 18/19 budget/salary process.
	2	Manager Performance Evaluation	4/13/2017		✓			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 to meet with Dan on or before June 8, 2017 to discuss the performance evaluation and compensation.
2/9/2017	1	Provide PIN and keycards to Commissioners	3/23/2017			✓	2/15/2017	Will be provided to Commissioners at March meeting
	2	Compensation Study	3/23/2017			✓	3/23/2017	First report provided salary information only, no benefits. Consultant re-working the study to include benefits and will be presented to the Commission at the March meeting.

Commissioners' Requested Action Items
Last Update: 5/25/2017

Commission Meeting Date		Action Item	Requested or Estimated Date for Completion	Status			Date of Completion	Notes
				Ongoing	In Progress	Complete		
	3	March meeting agenda	3/17/2017			✓	3/23/2017	To the extent possible, keep agenda items to a minimum and/or on Consent Calendar. Due to budget focus.
1/12/2017	1	CalPERS actions on performance pay	NA		✓			Inform all persons who received the CalPers letters of what actions the Commission is taking. This is anticipated to be a long lasting ordeal and multiple updates will be provided as information becomes available. Hearing scheduled for July 10-11, 2017.
	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.
	3	SRF Funding	<1/30/2017			✓	1/19/2017	Send the letter from Commission to state legislatures for SRF funding prior to Jan 30th meeting w/SWRCB
	4	Long Term Financial Plan	2/9/2017			✓	2/9/2017	Add statement to LRFP re: debt and generational equity; a statement re: debt interest due to not having \$ for pay-as-you-go.
	5	CIP Funding	Fall 2017		✓			Present a recommendation to Commission re: timing for bond issuance. Issuance currently expected in Fall/Winter 2018.
12/8/2016	1	Prepare discussion re: financing the CIP (bonds/no bonds)	1/12/2017			✓	1/12/2017	Preliminary discussion with LRFP presentation in January
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 Commission meeting and the 45 day challenge period has now expired. The EIR is certified. Presentation provided at December Commission meeting; no additional meeting needed until FEIR. Staff to report at each Commission meeting comments received during the 45-day comment period. Ensure drafters of EIR are present at FEIR meeting in April.
	3	Investment Report	12/8/2016			✓	12/8/2016	Ensure numbers in report tie in to front page numbers.
10/13/2016	1	IT System Shut-down of October 17th	10/14/2016			✓	10/14/2016	Notify public of planned IT shutdown via website.
	2	Conveyance System DEIR	>12/8/2016			✓		See discussion under 11/10/2016 above.
	3	SRF Funding Availability	January or February			✓	1/19/2017	Letter to State legislators and SWRCB advocating CA issuing more bonds to fund the SRF program drafted and presented to Commission. Letter sent mid-January.

Commissioners' Requested Action Items
Last Update: 5/25/2017

Commission Meeting Date		Action Item	Requested or Estimated Date for Completion	Status			Date of Completion	Notes
				Ongoing	In Progress	Complete		
	4	Conveyance System Commission sub-committee	NA			✓	11/7/2016	Subcommittee (Lieberman and Moritz) met on Nov 7 to discuss conveyance system progress.
	5	Greendale property construction progress	6/30/2017		✓			After redesign for changed county required retention wall strength, contractor has begun construction again and is expected to complete work in late June. Additional costs are being tabulated on a direct time and materials basis with no mark up by contractor.
9/8/2016	1	Job Classification and Total Compensation Study	1/31/2017			✓		UPDATE: The draft report was received and staff found the consultant had only provided salary information and not complete compensation information. After communication with the consultant, it was determined they had not fulfilled their scope and they are now assembling the other information needed to evaluate total compensation. This information was provided at the March Commission meeting.
	2	Control Building HVAC System	8/31/2017		✓			SVCW Legal Counsel is evaluating the potential of a damage from the Architect of Record for design deficiencies related to environmental protection of computer servers and related equipment. A Legal Opinion Letter will be presented to the Commission at the July 13, 2017 meeting.
	3	JPA re-write: prepare RFP and concurrently reach out to Legal Counsels of each member agency.	NA		✓			Staff and SVCW Legal Counsel are developing the list of significant issues for presentation to JPA legal specialists to allow evaluation and development of proposals for the update of the JPA. It is expected to take two or more years to complete the update of the JPA once a firm is hired.
	4	Connection Fees	NA		✓			Additional plant capacity evaluation is underway to ensure proper flow numbers are used in the calculations. Expect to address at May or June Commission Meeting.
8/18/2016	1	SCBS Ratify Emergency Condition - Valve Replacement	NA			✓	12/8/2016	Reported in December the emergency condition has been alleviated.
7/14/2016		No new items at this meeting						
6/9/2016	1	Contract Change Orders	NA	✓			8/18/2016	When there is a change in contract amount, note % increase over original contract amounts; began at August meeting.

Commissioners' Requested Action Items
Last Update: 5/25/2017

Commission Meeting Date	Action Item		Requested or Estimated Date for Completion	Status			Date of Completion	Notes
				Ongoing	In Progress	Complete		
	2	MOU Negotiations	NA		✓			When MOU negotiations occur, present status updates to the Commission - anticipated in late 2017/early 2018.

**MINUTES OF SILICON VALLEY CLEAN WATER
REGULAR MEETING – MAY 11, 2017**

ITEM 1

CALL TO ORDER

The meeting was called to order at 4:06 p.m.

ITEM 2

ROLL CALL - Commissioners Duly Appointed by Each Agency

Mayor John Seybert, Redwood City – Chair

Board Member George S. Otte, P.E., West Bay Sanitary District

Mayor Robert Grassilli, San Carlos – Secretary

Absent: Council Member Warren Lieberman, PhD., Belmont– Vice Chair

Staff, Consultants and Visitors Present

Christine C. Fitzgerald, SVCW Legal Counsel

Daniel T. Child, SVCW Manager

Teresa Herrera, SVCW Assistant Manager/Authority Engineer

Linda Bruemmer, SVCW Administrative Services Director

Monte Hamamoto, SVCW Wastewater Superintendent

Kim Hackett, SVCW Engineering Director

Bill Bryan, SVCW Senior Engineer

Eric Hansen, SVCW Senior Engineer

Cindy Hui, SVCW Financial Analyst

Ilana Schmidt, SVCW Administrative Assistant

Robert Huffstutler, SVCW Operations Director

Derek Rampone, City of Redwood City

Mark Minkowski, Kennedy/Jenks Consultants

Matthew Cox, Wells Fargo Insurance

Roanne Ross, West Yost Associates

ITEM 3

PLEDGE OF ALLEGIANCE

Mr. Grassilli 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 shared an article on Springtime allergies and tips to alleviate common symptoms.

ITEM 5B

MANAGER'S REPORT

Letter of Interest for WIFIA: Mr. Child shared with the Commission that the USEPA received forty-three (43) applications nationwide and have about six billion dollars of demand with only two and a half billion dollars of available funds. Staff is optimistic about the SVCW submittal and will keep the Commission informed on any updates.

Accounting Software: Mr. Child announced that after several months of evaluating Accounting and Work Order Management software, SVCW has chosen to proceed with the proposal provided by Cogsdale to replace the current system that no longer meets the Agency's needs. Mr. Anderson will bring forth a recommendation and request for approval to the Commission in the next couple of months.

PG&E Energy Grant: Mr. Child was pleased to share SVCW has been selected by PG&E to receive an energy grant for One Million Dollars going towards the energy conservation program and purchase of a battery system to shave the peak power demand.

379 Greendale Update: Mr. Child said work has progressed now that the rain has subsided and anticipates approximately 4-6 weeks until completion.

ITEM 5C

FINANCIAL REPORTS

Mr. Seybert asked if there were any questions on the Financial Report. There were none.

ITEM 5E

PROGRESSIVE DESIGN-BUILD SELECTION CRITERIA

Ms. Herrera provided a brief update on Design-Build activities with two projects, the Gravity Pipeline (Tunnel) Project and the Front of Plant Project. Ms. Herrera said the Agency is currently in the process of procuring Design-Build teams.

Once teams are selected, the Design-Build will begin for the projects. Under the procurement phase, SVCW is at the qualification step. On April 17th, the Gravity Pipeline Request for Qualifications (RFQ) was issued and on April 18th, the Front of Plant RFQ was issued using e-Bid Board as a platform. SVCW is scheduled to receive the Statement of Qualifications on May 16th for Gravity Pipeline Project and May 23rd for the Front of Plant Project.

Once received the information will be reviewed, references will be checked, interviews will be held, and a shortlist of three respondents will be selected for each project to move into the proposal step. During the proposal step, SVCW will issue the Request for Proposals (RFP's) to the three shortlisted Statement of Qualifications (SOQ) respondents. Following, the teams will submit their proposals, references will again be checked, site visits to referenced projects will occur, interviews with the three shortlisted firms will be held and finally, the selection panel will select the Design-Build entity for each project. From there, the contract(s) will be negotiated and brought to the Commission for approval. The planned schedule for this process is to bring the recommendations to the Commission in October 2017.

Commissioner Grassilli asked if the Agency anticipates a large response and Ms. Herrera replied with yes. She added they've had two outreach meetings with the first one having over sixty attendees (representing about 30 general and subcontracting companies) and the second having over forty attendees (about 25 companies). SVCW staff is expecting about 4 to 7 proposals for the Gravity Pipeline Project and about 4 to 6 companies proposing for the Front of the Plant Project.

Ms. Herrera continued to explain Design-Build as a two-stage process, pre-construction and construction. During preconstruction, design will be taken from where it is today (about ten percent) to between fifty to seventy percent design. At this point the firm(s) will be asked to develop a cost for the project(s) and, if acceptable, SVCW will enter into contracts to complete the second phase construction of the projects.

Ms. Herrera anticipates the Stage One preconstruction services work to be completed in time for construction to commence in Summer 2018. Ms. Herrera added that these criteria are outlined in the RFQ and is the basis upon which the entities are being scored. Ms. Herrera emphasized the importance of interviews because often companies have staff who professionally compose proposals and since SVCW will be working with these firms for the next four or five years, it's important to ensure the onsite field people themselves come and interact with Authority staff on a personal/work level.

Commissioner Grassilli inquired about the possibility of these firms bringing in a staff member who is skilled in interviews and Ms. Herrera replied that the people being interviewed are required to be the actual people proposed to do the actual project work for the duration of the project.

Commissioner Seybert asked what the process is for an entity who wants to protest if not selected as one of the top three RFQ respondents? Ms. Herrera replied there is an official process outlined in the RFQ addressing the dispute process.

ITEM 6

MATTERS OF COMMISSION MEMBER'S INTEREST

Commissioner Seybert confirmed the date and time for June's meeting in order to eliminate confusion related to discussions held to change future meeting times. The next

Commission Meeting is scheduled to be held on June 8, 2017 at 4:00 p.m. Commission meetings will move to 8:00 a.m. beginning July 13, 2017.

ITEM 7

CONSIDERATION OF MOTION APPROVING CONSENT CALENDAR

Motion/Second: Mr. Grassilli / Mr. Otte

The motion carried by unanimous roll call vote.

ITEM 8A

CONSIDERATION OF RESOLUTION MAKING DETERMINATIONS IN SUPPORT OF AN OWNER CONTROLLED INSURANCE PROGRAM AND APPROVING AGREEMENT FOR ADMINISTRATION OF SILICON VALLEY CLEAN WATER'S OWNER CONTROLLED INSURANCE PROGRAM (OCIP)

Ms. Herrera began her presentation by sharing the Agency's pursuit to find the best insurance option for the Design-Build Gravity Pipeline and Front of Plant projects. SVCW reached out to various brokers and insurance companies and determined the Owner Controlled Insurance Program (OCIP) is the best option for risk management as well as providing financial benefit to the Agency. Ms. Herrera provided SVCW's history with OCIP beginning back in 2010 and explained that overall the original OCIP was a good experience with lessons learned. A main lesson is that there are certain types of projects that are more conducive to OCIP than others and the administrative expertise of a broker is required to continually assess the coverage required.

Motion/Second: Mr. Grassilli / Mr. Otte

Move adoption of RESOLUTION CERTIFYING DETERMINATIONS IN SUPPORT OF AN OWNER CONTROLLED INSURANCE PROGRAM (OCIP) FOR THE SILICON VALLEY CLEAN WATER GRAVITY PIPELINE AND FRONT OF THE PLANT CAPITAL IMPROVEMENT PROGRAM PROJECTS AND APPROVING AN AGREEMENT WITH WELLS FARGO INSURANCE SERVICES, INC. AS ADMINISTRATOR OF THE OCIP FOR THE PROGRAM (UP TO \$575,000) – WELLS FARGO INSURANCE SERVICES, INC.

The Resolution carried by Unanimous Roll Call Vote.

ITEM 9

CLOSED SESSION

The Closed Session item was postponed and continued to the next Commission Meeting.

- A. PUBLIC EMPLOYEE PERFORMANCE EVALUATION ((Government Code §54957)
Title: Manager

ITEM 10
ADJOURN

There being no further business, the meeting adjourned at 4:24 p.m.

Robert Grassilli, Secretary

By: Daniel T. Child, Manager

SVCW WARRANT REGISTER

SVCW Warrant Register for the period covering April 22, 2017 to May 5, 2017. A scanned copy was e-mailed to Commissioners on May 10, 2017.

05-05-17


SILICON VALLEY CLEAN WATER
WARRANT REGISTER
FUND RECAP

PAGE 9747

NAME	FUND	AMOUNT
CAPITAL IMPROVEMENT FUND	14	24,417.66
OPERATION	18	341,196.63
PLANT - CIP BOND	20	1,253,169.02
TOTAL FOR APPROVAL		\$1,618,783.31

THIS IS TO CERTIFY THAT THE CLAIMS LISTED ON PAGES NUMBERED FROM 9730 THROUGH 9747 INCLUSIVE, AND/OR CLAIMS NUMBERED FROM 20377 THROUGH 20474 INCLUSIVE, TOTALING IN THE AMOUNT OF \$1,618,783.31, 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,


.....
CONTROLLER
FSM5, 8, 17
DATE 5/9/2017

4/22/17-5/5/17

 5-10-17

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SILICON VALLEY CLEAN WATER
W A R R A N T R E G I S T E R
05/05/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
AKELA, ARVIND	20377		687.49		
UTILITIES		5052017 REIM-3/17 CELL PHONE CHARGES		45.00	18
CONF. & TRAV.		5052017A REIM-3/28-3/31/17 TRAVEL EXPENSES DBIA 2017 C		642.49	18
ALHAMBRA & SIERRA SPRINGS	20378		375.90		
SUPPLIES		5056091030117 3/17 BOTTLED WATER SERVICE		193.40	18
		5056091040117 4/17 BOTTLED WATER SERVICE		182.50	18
ALL FENCE COMPANY, INC	20379		3,117.00		
CONSTRUCTION-CONTRACTOR		66646 4/11/17 FENCE INSTALLATION		3,117.00	20
ALPHA ANALYTICAL LABORATORIES	20380		360.00		
CONTRACT SERV. (NON-MAINT.)		7041759RPSVCW PLANT PERMIT LAB ANALYSIS		105.00	18
		7042832RPSVCW SAN CARLOS LAB ANALYSIS		85.00	18
		7042834RPSVCW RWC LAB ANALYSIS		85.00	18
		7042929RPSVCW RWC LAB ANALYSIS		85.00	18
AMERICAN WATER WORKS ASSOCIATI	20381		524.00		
MEMB. & MEET.		7001288889 AWWA MEMBERSHIP RENEWAL 3/1/17-2/28/18 - WI		262.00	18
		7001345070 AWWA MEMBERSHIP RENEWAL 6/1/17-5/31/18 ERIC		262.00	18
ANALYSTS, INC.	20382		134.20		
MACH & EQUIP MAINT SERVICES		M1755271 LAB ANALYSIS		134.20	18
ANDERSON, MATT	20383		35.00		
TRAINING		5052017 REIM-PARKING FEE CSRMA FINANCE COMMITTEE MEETI		35.00	18
ANDREINI BROTHERS INC	20384		2,340.91		
CONTRACT SERV. (NON-MAINT.)		131155489 2/23-3/3/17 CLEANING, GRUBBING, LANDSCAPE IM		2,340.91	18

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SILICON VALLEY CLEAN WATER
WARRANT REGISTER
05/05/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
BARKERBLUE	20385		1,484.46		
CONST.-ADMIN. & LEGAL		591602 4/14/17 BID DOCUMENTS		742.23	14
		591602 4/14/17 BID DOCUMENTS		742.23	14
BAY ALARM COMPANY	20386		842.73		
CONTRACT SERV. (NON-MAINT.)		13815725 4/1-7/1/17 FIRE MONITORING FEE		147.40	18
		13815725 4/1-7/1/17 FIRE MONITORING FEE		677.96	18
		13939273 4/15/17 LATE FEE - MONITORING		3.99	18
		13939274 4/4/17-4/15/17 LATE FEE - MONITORING		13.38	18
BIG JOE HANDLING SYSTEMS	20387		112.49		
MACH & EQUIP MAINT SERVICES		440920 LIFT TRUCK STANDARD SCHEDULED MAINTENANCE		112.49	18
BRYANT & ASSOCIATES	20388		2,460.00		
CONST.-ADMIN. & LEGAL		5022017 4/17 WIFIA SUPPORT		2,460.00	20
BUCKLES SMITH ELECTRIC COMPANY	20389		6,100.31		
TRAINING		300117600 QTY 4 ALBOE TRAINING COURSE CCP146/CCP151 ST		5,200.00	18
MACHINERY AND EQUIP MAINT MATE		302963703 QTY 4 RH2B-ULAC110-120V DPDT 10A RELAY W/IND		42.19	18
		302963704 QTY 1 PDB ADDER AL MINIATURE UL1953		12.48	18
		303131200 QTY 2 STRATIX 2000 6+2 PORT UNMANAGED SWITCH		845.64	18
BURNWORTH, BRUCE	20390		792.73		
CONF. & TRAV.		5052017 REIM-3/28-3/31 TRAVEL EXPENSES DBIA 2017 CONFE		594.00	18
CONTRUCTION-DESIGN		5052017B REIM-4/11/17 TRAVEL EXPENSES TBM TOUR LONG BE		198.73	20
CALIFORNIA DETAILERS, INC.	20391		275.00		
MACH & EQUIP MAINT SERVICES		44069 4/22/17 FLEET VEHICLE ON-SITE WASH		275.00	18
CALIFORNIA WATER SERVICE CO	20392		174.51		
UTILITIES		4142017 3/15-4/14/17 SCPS WATER SERVICES		174.51	18

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SILICON VALLEY CLEAN WATER
WARRANT REGISTER
05/05/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
CDW GOVERNMENT, INC.	20393		31,406.13		
SUPPLIES		HLG3723 QTY 140 WINDOWS 10 PRO UPGRADE LICENSE, QTY 40		30,460.00	18
		HRH0241 QTY 6 SAMSUNG 850 PRO 256GB SATA 2.5IN SSD		946.13	18
CINTAS CORPORATION NO. 3	20394		1,660.59		
SUPPLIES		464739685 4/25/17 LAUNDRY SERVICE		828.92	18
		464742511 5/2/17 LAUNDRY SERVICE		831.67	18
COTTIER, DON R.	20395		497.49		
CONF. & TRAV.		5052017 REIM-4/25-4/28/17 TRAVEL EXPENSES CWEA 2017 AN		497.49	18
COUNTY OF SAN MATEO	20396		265.00		
TRAINING		SD160091 3/2017 TRAINING SESSIONS - DYE, JERRY AND GAW		85.00	18
		SD160091 3/2017 TRAINING SESSIONS - DYE, JERRY AND GAW		180.00	18
CRYSTAL JANITORIAL SERVICE, IN	20397		4,011.00		
CONTRACT SERV. (NON-MAINT.)		29212 5/2017 JANITORIAL SERVICES		4,011.00	18
CYCLOTRON INC	20398		23,060.00		
PROFESSIONAL SERVICES		1614 SOFTWARE SUPPORT SERVICE - SHAREPOINT AS INTRANET		23,060.00	18
D.W. NICHOLSON CORPORATION	20399		51,411.01		
CONSTRUCTION-CONTRACTOR		2POM10800 3/17 PRG PMT#2 BEAST INSTALLATION PROJ		51,411.01	20
DATASPAN HOLDINGS, INC.	20400		750.00		
CONTRACT SERV. (NON-MAINT.)		42399349 2/27/17 DATA CENTER CLEANING SERVICE		750.00	18
DETECTION INSTRUMENTS CORP	20401		16,346.34		
SUPPLIES		859136198 DATALOGGER H2S ACRULOG		10,920.47	18
MACHINERY AND EQUIP MAINT MATE		864636128 ODALOG WIRELESS H2W LOGGER 0-1000PPM		5,425.87	18

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SILICON VALLEY CLEAN WATER
WARRANT REGISTER
05/05/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
DMJ GAS MARKETING CONSULTANTS, UTILITIES	20402	20170103 3/17 COGEN GAS	2,056.32	2,056.32	18
ENVIRO-CARE INC RENTAL/LEASES	20403	PILOT21530312 2/7-3/6/17 PILOT 215303 - 30 DAY TEST FE	5,437.50	5,437.50	18
ENVIRONMENTAL RESOURCE ASSOCIA SUPPLIES	20404	827226 LAB SUPPLIES, CHEMICALS	1,057.12	191.60	18
		827859 LAB SUPPLIES, CHEMICALS		865.52	18
ERS INDUSTRIAL SERVICES, INC. CONSTRUCTION-CONTRACTOR	20405	12POM10604 3/1/17 PRG PMT#12 PRIM SEDIMENTATION TANK R	452,869.48	94,330.07	20
		12POM10604 3/1/17 PRG PMT#12 PRIM SEDIMENTATION TANK R		94,330.06	20
		13POM10604 3/1-4/1/17 PRG PMT#13 PRIM SEDIMENTATION TA		24,782.96	20
		13POM10604 3/1-4/1/17 PRG PMT#13 PRIM SEDIMENTATION TA		24,782.96	20
		22POM10468 3/17 PRG PMT#22 DUAL MEDIA FILTER A1-A5 COA		214,643.43	20
EVOQUA WATER TECHNOLOGIES LLC CHEMICAL SUPPLIES	20406	903026127 3/13/17 4296 GAL CALCIUM NITRATE-SB	19,656.24	9,810.99	18
		903072798 4/17/17 4311 GAL CALCIUM NITRATE-SB		9,845.25	18

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SILICON VALLEY CLEAN WATER
WARRANT REGISTER
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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
FASTENAL COMPANY	20407		8,780.70		
SUPPLIES		CASAA51990 VENDOR MANAGED RESTOCK		1,113.00	18
		CASAA52234 VENDOR MANAGED RESTOCK		603.15	18
		CASAA52280 VENDOR MANAGED RESTOCK		116.85	18
		CASAA52280 VENDOR MANAGED RESTOCK		131.93	18
		CASAA52280 VENDOR MANAGED RESTOCK		215.87	18
MISCELLANEOUS		CASAA52280 VENDOR MANAGED RESTOCK		192.19	18
		CASAA52280 VENDOR MANAGED RESTOCK		550.86	18
		CASAA52280 VENDOR MANAGED RESTOCK		362.88	18
		CASAA52280 VENDOR MANAGED RESTOCK		2,367.82	18
		CASAA52336 VENDOR MANAGED RESTOCK		690.84	18
		CASAA52336 VENDOR MANAGED RESTOCK		506.70	18
SUPPLIES		CASAA52371 VENDOR MANAGED RESTOCK		1,928.61	18
FED EX	20408		97.11		
SUPPLIES		577799773 THRU 4/21/17 FED EX CHARGES		17.03	18
		577799773 THRU 4/21/17 FED EX CHARGES		26.81	18
		577799773 THRU 4/21/17 FED EX CHARGES		26.31	18
MACHINERY AND EQUIP MAINT MATE		577799773 THRU 4/21/17 FED EX CHARGES		16.11	18
SUPPLIES		577799773 THRU 4/21/17 FED EX CHARGES		10.85	18
FINTA ENTERPRISES, INC	20409		2,340.62		
CONTRACT SERV. (NON-MAINT.)		52353 3/15/17 GRIT HAULING		1,083.06	18
		52483 3/2017 DRYING BED HAULING AND DISPOSAL		279.00	18
		52542 3/30/17 GRIT HAULING		978.56	18

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SILICON VALLEY CLEAN WATER
WARRANT REGISTER
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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
FISHER SCIENTIFIC COMPANY	20410		1,825.61		
MACHINERY AND EQUIP MAINT MATE		342134 LAB SUPPLIES		203.38	18
SUPPLIES		342134 LAB SUPPLIES		109.08	18
MACHINERY AND EQUIP MAINT MATE		342134 LAB SUPPLIES		731.94	18
SUPPLIES		47313 LAB SUPPLIES		224.20	18
		47313 LAB SUPPLIES		234.16	18
		47313 LAB SUPPLIES		153.29	18
		9851954 LAB SUPPLIES		59.03	18
		9851954 LAB SUPPLIES		110.53	18
FRANK A. OLSEN CO.	20411		1,249.25		
MISCELLANEOUS		237682 QTY 2 ACTUATOR 12" DEZURIK BHP		1,157.00	18
MACHINERY AND EQUIP MAINT MATE		237743 QTY 1 LEVER HANDLE FUW 4"-6" 2" NUT OP PECS		92.25	18
FRANKLIN MILLER, INC.	20412		5,237.38		
MISCELLANEOUS		29271 QTY 3 ROTARY CUTTER DM2509		5,237.38	18
FREYER & LAURETA, INC	20413		41,583.70		
CONTRUCTION-DESIGN		17172 3/17 T.O.2016-05 GEOTECHNICAL SAMPLING&TESTING E		6,104.37	20
		17172 3/17 T.O.2016-05 GEOTECHNICAL SAMPLING&TESTING E		6,104.37	20
		17172 3/17 T.O.2016-05 GEOTECHNICAL SAMPLING&TESTING E		6,104.38	20
		17172 3/17 T.O.2016-05 GEOTECHNICAL SAMPLING&TESTING E		6,104.38	20
CONSTRUCTION-CONTRACTOR		17174 3/17 T.O.2016-03 PUMP STATION VALVE REPLACEMENT		6,282.10	14
		17174 3/17 T.O.2016-03 PUMP STATION VALVE REPLACEMENT		6,282.10	14
CONTRUCTION-DESIGN		17175 3/17 T.O.2014-01 PLANT LAND USE		1,008.00	20
		17175 3/17 T.O.2014-01 PLANT LAND USE		1,008.00	20
		17175 3/17 T.O.2014-01 PLANT LAND USE		1,008.00	20
		17175 3/17 T.O.2014-01 PLANT LAND USE		1,008.00	20
		17205 3/17 T.O.2015-05 FLOW EQUALIZATION FACILITY IMPR		570.00	20
GALLEGOS, ROSENDO	20414		255.00		
SUPPLIES		5052017 REIM-4/8/17 SAFETY SHOES		255.00	18

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SILICON VALLEY CLEAN WATER
WARRANT REGISTER
05/05/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
GRADIENT LENS CORPORATION	20415		9,822.07		
SMALL TOOLS		56475IN QTY 1 HAWKEYE PRO VIDEO BORESCOPE 6M		9,822.07	18
GRAINGER	20416		5,091.74		
MACHINERY AND EQUIP MAINT MATE		9416396712 RESTOCK ITEMS		23.93	18
SUPPLIES		9416396712 RESTOCK ITEMS		44.50	18
MACHINERY AND EQUIP MAINT MATE		9416396712 RESTOCK ITEMS		309.54	18
SUPPLIES		9416497916 RESTOCK ITEMS		3,398.55	18
MACHINERY AND EQUIP MAINT MATE		9420739766 RESTOCK ITEMS		30.41	18
MISCELLANEOUS		9420739766 RESTOCK ITEMS		91.05	18
MACHINERY AND EQUIP MAINT MATE		9420864390 RESTOCK ITEMS		503.30	18
		9420864408 RESTOCK ITEMS		193.95	18
SUPPLIES		9421832313 RESTOCK ITEMS		162.15	18
MACHINERY AND EQUIP MAINT MATE		9427488003 RESTOCK ITEMS		117.89	18
MISCELLANEOUS		9427488003 RESTOCK ITEMS		121.82	18
MACHINERY AND EQUIP MAINT MATE		9427488003 RESTOCK ITEMS		33.89	18
		9427788220 RESTOCK ITEMS		23.61	18
MISCELLANEOUS		9427788220 RESTOCK ITEMS		37.15	18
HANSON BRIDGETT LLP	20417		15,409.25		
PROFESSIONAL SERVICES		1186816 2/17 LEGAL SVCS-PUBLIC WORKS CONTRACTING&INFRA		13,522.50	18
		1186816B 2/17 LEGAL SVCS-PUBLIC WORKS CONTRACTING&INFR		1,886.75	18
HARRINGTON INDUST PLASTICS	20418		195.98		
MACHINERY AND EQUIP MAINT MATE		3K7870 PLUMBING SUPPLIES		70.91	18
SUPPLIES		3K8286 PLUMBING SUPPLIES		125.07	18
HERC RENTALS INC.	20419		1,794.38		
MISCELLANEOUS		29241710001 QTY 3 PUMP SUBMERSIBLE 2 IN ELEC LB800 TSU		1,794.38	18

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HILLYARD INC	20420		1,030.31		
MISCELLANEOUS		602502217 JANITOR SUPPLIES		99.98	18
		602502217 JANITOR SUPPLIES		158.23	18
		602502217 JANITOR SUPPLIES		387.91	18
		602502217 JANITOR SUPPLIES		25.88	18
		602502217 JANITOR SUPPLIES		151.51	18
		602502217 JANITOR SUPPLIES		188.77	18
MACHINERY AND EQUIP MAINT MATE		602510627 JANITOR SUPPLIES		18.03	18
HILTI, INC.	20421		1,759.89		
MACHINERY AND EQUIP MAINT MATE		4609399936 QTY 4 BOX DROP IN ANCHOR		1,173.26	18
MISCELLANEOUS		4609444795 QTY 2 BOX DROP IN ANCHOR		586.63	18
IDEXX DISTRIBUTION, INC	20422		5,211.53		
SUPPLIES		3015104560 QTY 1 SEALER PLUS AND SEALER PLUS RUBBER IN		99.52	18
SMALL TOOLS		3015104560 QTY 1 SEALER PLUS AND SEALER PLUS RUBBER IN		4,632.49	18
SUPPLIES		3015404293 QTY 2 WQT2K QUANTI-TRAY 2000 DISPOSABLE 100		479.52	18
INTERACTIVE HEALTH BENEFITS	20423		1,987.20		
PROFESSIONAL SERVICES		11567 1/17-4/17 IRS 1095-C/1094-C IRS REPORTING AND 20		336.40	18
		11567 1/17-4/17 IRS 1095-C/1094-C IRS REPORTING AND 20		1,650.80	18
JENTECH SERVICES	20424		6,987.44		
MACH & EQUIP MAINT SERVICES		2228 4/17-4/26/17 INSTRUMENT CALIBRATION		95.00	18
		2228 4/17-4/26/17 INSTRUMENT CALIBRATION		3,040.00	18
		2228 4/17-4/26/17 INSTRUMENT CALIBRATION		380.00	18
		2228 4/17-4/26/17 INSTRUMENT CALIBRATION		1,615.00	18
		2228 4/17-4/26/17 INSTRUMENT CALIBRATION		1,857.44	18
JW HEATING AND AIR	20425		3,024.00		
MACH & EQUIP MAINT SERVICES		20171905 4/27/17 AC INSTALLATION SVC		3,024.00	18

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KELLER CANYON LANDFILL CO.	20426		1,438.97		
CONTRACT SERV. (NON-MAINT.)		4212000025523 3/15/17 GRIT HAULING		809.76	18
		4212000025644 4/13/17 SEWER GRIT SCR N DRYING BED HAULI		578.75	18
		4212000025644 4/13/17 SEWER GRIT SCR N DRYING BED HAULI		16.25	18
		4212000025644 4/13/17 SEWER GRIT SCR N DRYING BED HAULI		30.96	18
		4212000025644 4/13/17 SEWER GRIT SCR N DRYING BED HAULI		3.25	18
LEETE GENERATORS	20427		570.00		
CONSTRUCTION-CONTRACTOR		27646 4/13/17 DELIVERY FEE		570.00	14
LENSCRAFTERS	20428		460.00		
SUPPLIES		1805056510 SAFETY GLASSES - JOHN SAN FILIPPO		230.00	18
		1805065170 SAFETY GLASSES - AU, JERRY		230.00	18
LIEBERT CASSIDY WHITMORE	20429		3,517.00		
PROFESSIONAL SERVICES		1438530 THRU 3/31/17 WAGE AND HOUR AUDIT		277.00	18
		1438531 THRU 3/31/17 CALPERS AUDIT		70.00	18
		1438532 THRU 3/31/17 D.A. HALL MGMT PAY PERS APPEAL		3,170.00	18
LOOP1 SYSTEMS INC	20430		3,000.00		
TRAINING		PT20170649 TRAINING SEMINAR ONLINE WEB HELP DESK 11/7-		3,000.00	18
M-I-C, INC	20431		266.85		
MACHINERY AND EQUIP MAINT MATE		3111 QTY 3 VEREC-BOAGAS FOR 8" PRESSURE/VACUUM RELIEF		96.11	18
		3111 QTY 3 VEREC-BOAGAS FOR 8" PRESSURE/VACUUM RELIEF		25.01	18
MISCELLANEOUS		3111 QTY 3 VEREC-BOAGAS FOR 8" PRESSURE/VACUUM RELIEF		95.70	18
		3111 QTY 3 VEREC-BOAGAS FOR 8" PRESSURE/VACUUM RELIEF		50.03	18
MARINA MECHANICAL	20432		147.94		
MACH & EQUIP MAINT SERVICES		87414 MARCH 2017 PREVENTIVE MAINTENANCE		147.94	18

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MONTEREY MECHANICAL CO.	20433		592,440.27		
CONSTRUCTION-CONTRACTOR		33POM10437 2/28-4/18/17 PRG PMT#33 SOLIDS PROCESS AUTO		197,480.09	20
		33POM10437 2/28-4/18/17 PRG PMT#33 SOLIDS PROCESS AUTO		197,480.09	20
		33POM10437 2/28-4/18/17 PRG PMT#33 SOLIDS PROCESS AUTO		197,480.09	20
MOTION INDUSTRIES INC.	20434		919.80		
MACHINERY AND EQUIP MAINT MATE		CA24003712 QTY 400 ADAPTA FLEX 1" BLACK 150 PSI HOSE		641.23	18
		CA24004465 QTY 3 53X2186 OIL SEAL GARLOCK		21.48	18
MISCELLANEOUS		CA24004465 QTY 3 53X2186 OIL SEAL GARLOCK		57.21	18
SUPPLIES		CA24006296 QTY 1 MOBIL UNIREX N3 35LB PAIL		199.88	18
NAVIA BENEFIT SOLUTIONS	20435		191.10		
ADMINISTRATIVE EXPENSES		10086439 4/2017 PARTICIPANT FEE		191.10	18
NEWARK ELEMENT14	20436		74.60		
MACHINERY AND EQUIP MAINT MATE		28943014 QTY 4 LITHIUM BATTERY 3V		18.65	18
		28943014 QTY 4 LITHIUM BATTERY 3V		18.65	18
		28943014 QTY 4 LITHIUM BATTERY 3V		18.65	18
		28943014 QTY 4 LITHIUM BATTERY 3V		18.65	18
OFFICE DEPOT	20437		978.52		
OFFICE SUPPLIES		919425917001 OFFICE SUPPLIES		40.38	18
SUPPLIES		919425917001 OFFICE SUPPLIES		86.36	18
		919425917001 OFFICE SUPPLIES		27.71	18
OFFICE SUPPLIES		920875801001 OFFICE SUPPLIES		147.68	18
SUPPLIES		920877453001 OFFICE SUPPLIES		480.06	18
OFFICE SUPPLIES		921644633001 OFFICE SUPPLIES		73.93	18
SUPPLIES		921644633001 OFFICE SUPPLIES		122.40	18
OGASAWARA LANDSCAPE MAINTENANC	20438		3,700.00		
CONTRACT SERV. (NON-MAINT.)		23980 4/13/17 MISC LANDSCAPING WORK AND LABOR		1,200.00	18
		24031 4/2017 LANDSCAPE SERVICE		2,500.00	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
PACE SUPPLY CORP	20439		492.40		
MACHINERY AND EQUIP MAINT MATE		93810808 PLUMBING SUPPLIES		137.98	18
		93810808 PLUMBING SUPPLIES		74.42	18
		93810808 PLUMBING SUPPLIES		74.41	18
		93810808 PLUMBING SUPPLIES		68.99	18
		93810808 PLUMBING SUPPLIES		96.57	18
		93810808 PLUMBING SUPPLIES		9.71	18
		938108081 PLUMBING SUPPLIES		30.32	18
PACIFIC ECORISK, INC	20440		3,425.00		
CONTRACT SERV. (NON-MAINT.)		13149 2/27-3/5/17 NPDES COMPLIANCE TOXICITY TESTS		3,425.00	18
PACIFIC GAS AND ELECTRIC COMPA	20441		652.09		
UTILITIES		420201790892 3/16-4/13/17 1406 GAS AND ELECTRIC		242.56	18
		420201790892 3/16-4/13/17 1406 GAS AND ELECTRIC		409.53	18
PENINSULA BATTERY, INC.	20442		49.20		
MACHINERY AND EQUIP MAINT MATE		120865 QTY 2 12V 7AH SLA BATTERIES		47.20	18
		120865 QTY 2 12V 7AH SLA BATTERIES		2.00	18
PEOPLEREADY INC	20443		3,720.00		
CONTRACT SERV. (NON-MAINT.)		22087430 4/3-4/9/17 UTILITY WORKER TEMPORARY STAFF OPS		2,480.00	18
		22097669 4/10-4/16/17 UTILITY WORKER TEMPORARY STAFF O		1,240.00	18
POLYDYNE, INC.	20444		45,022.50		
CHEMICAL SUPPLIES		1125131 3/24/17 QTY 6 CLARIFLOC C-6265		15,007.50	18
		1130357 4/12/17 QTY 8 CLARIFLOC C-6265		6,863.00	18
		1130357 4/12/17 QTY 8 CLARIFLOC C-6265		13,147.00	18
		1131169 4/17/17 QTY 4 CLARIFLOC C-6265		10,005.00	18
PRE EMPLOYMENT, INC.	20445		71.25		
PROFESSIONAL SERVICES		31868 BACKGROUND CHECK-PAUL AXIAQ		71.25	18

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R & B COMPANY	20446		2,347.53		
MACHINERY AND EQUIP MAINT MATE		S1631310001 PLUMBING PARTS		1,616.57	18
		S1638416001 PLUMBING SUPPLIES		641.73	18
		S1643427001 PLUMBING SUPPLIES		44.86	18
		S1643427001 PLUMBING SUPPLIES		44.37	18
REDWOOD CITY, CITY OF - FINANC	20447		297.19		
MACH & EQUIP MAINT SERVICES		BR43824 2/16-3/15/17 VEHICLE REPAIR/MTN CHARGES		297.19	18
REDWOOD CITY, CITY OF - WATER	20448		168.78		
UTILITIES		422201732690 2/22-4/22/17 GREENDALE WATER		168.78	18
RGM AND ASSOCIATES	20449		986.50		
CONST.-ADMIN. & LEGAL		890 3/4-4/1/17 T.O.2013-01 LABOR COMPLIANCE		328.84	20
		890 3/4-4/1/17 T.O.2013-01 LABOR COMPLIANCE		328.83	20
CONTRUCTION-DESIGN		890 3/4-4/1/17 T.O.2013-01 LABOR COMPLIANCE		328.83	20
ROSEMOUNT INC.	20450		20,148.39		
MISCELLANEOUS		71087648 QTY 12 ROSEMOUNT 2051 COPLANAR PRESSURE TRANS		15,686.46	18
		71087648 QTY 12 ROSEMOUNT 2051 COPLANAR PRESSURE TRANS		4,461.93	18
ROYAL WHOLESALE ELECTRIC	20451		864.94		
MISCELLANEOUS		7003632882 CONDUIT PARTS		29.04	18
		7003632882 CONDUIT PARTS		214.78	18
		7003632882 CONDUIT PARTS		105.81	18
		7003632882 CONDUIT PARTS		312.66	18
MACHINERY AND EQUIP MAINT MATE		7003634278 QTY 500 WIRE		63.49	18
		7003634278 QTY 500 WIRE		63.49	18
		7003634852 VARIOUS CONDUIT PARTS		32.04	18
		7003634852 VARIOUS CONDUIT PARTS		8.18	18
		7003634852 VARIOUS CONDUIT PARTS		30.08	18
		7003634852 VARIOUS CONDUIT PARTS		5.37	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
RSCA	20452		655.00		
CONST.-ADMIN. & LEGAL		170418 3/3-4/3/17 FULL PAGE LEFT INTERIOR COLOR AD		655.00	20
SAFETY COMPLIANCE MANAGEMENT I	20453		990.00		
TRAINING		8022 4/11/17 TRAINING - CHEMICAL HYGIENE PLAN		495.00	18
		8038 4/19/17 TRAINING - FIRST RESPONDER AWARENESS		495.00	18
SANDHU, GURPAL	20454		73.18		
SMALL TOOLS		5052017 REIM-4/16/17 TOOL REPLACEMENT		73.18	18
SANDUL, DUANE	20455		1,700.00		
PROFESSIONAL SERVICES		4SVCW2017 4/2017 PROFESSIONAL SERVICES		1,700.00	18
SCP SCIENCE	20456		489.79		
SUPPLIES		IN0000199119 LAB SUPPLIES		32.63	18
		IN0000199119 LAB SUPPLIES		47.61	18
		IN0000199119 LAB SUPPLIES		42.41	18
		IN0000199119 LAB SUPPLIES		32.63	18
		IN0000199119 LAB SUPPLIES		32.63	18
		IN0000199119 LAB SUPPLIES		32.63	18
		IN0000199238 LAB SUPPLIES		32.63	18
		IN0000199238 LAB SUPPLIES		47.62	18
		IN0000199391 LAB SUPPLIES		189.00	18
SHIMADZU SCIENTIFIC INSTRUMENT	20457		898.86		
MACHINERY AND EQUIP MAINT MATE		40332689 QTY 18 ROTOR 8 PORT VALVE TOC-V		898.86	18
SUBURBAN PROPANE LP	20458		24.00		
UTILITIES		63684 3/14/17 PROPANE EQUIPMENT RENTAL		12.00	18
		84342 4/14/17 PROPANE EQUIPMENT RENTAL		12.00	18

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TANNER PACIFIC, INC.	20459		89,699.46		
CONSTRUCTION-CONSTRUCTION MGMT		217024 3/12-4/8/17 T.O.2017-03 PUMP STATION VALVE REPL		4,899.50	14
		217024 3/12-4/8/17 T.O.2017-03 PUMP STATION VALVE REPL		4,899.50	14
CONSTRUCTION-CONTRACTOR		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		2,978.00	20
		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		292.00	20
		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		5,280.50	20
		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		6,445.00	20
		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		16,841.96	20
		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		540.00	20
		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		3,292.00	20
		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		13,098.00	20
		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		1,957.00	20
		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		2,160.00	20
		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		2,008.00	20
		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		1,256.00	20
		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		10,162.00	20
		217031 4/9-4/22/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		954.00	20
		217033 4/23-4/29/17 T.O.2016-01 SOLIDS PROCESS AUTOMAT		4,212.00	20
		217033 4/23-4/29/17 T.O.2016-01 SOLIDS PROCESS AUTOMAT		4,212.00	20
		217033 4/23-4/29/17 T.O.2016-01 SOLIDS PROCESS AUTOMAT		4,212.00	20
TSUKUSHI, RICHARD	20460		180.00		
MACH & EQUIP MAINT SERVICES		5297 4/21/17 BACKFLOW SERVICE		180.00	18
UNITED RENTALS NORTHWEST, INC.	20461		2,308.94		
RENTAL/LEASES		145472806001 4/4-5/2/17 RENTAL BOOM		2,308.94	18

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UNIVAR USA INC.	20462		37,568.37		
CHEMICAL SUPPLIES		SJ802276 2/27/17 SOD HYPO DELIVERY CANCELLATION CHARGE		271.88	18
		SJ802295 2/27/17 3514 GAL SOD BISULFITE		3,225.42	18
		SJ803062 3/2/17 2555 GAL SOD HYPE 12.5% LIQUICHLOR		1,140.60	18
		SJ803258 3/6/17 4060 GAL SOD BISULFITE		3,726.92	18
		SJ803362 3/6/17 4542 GAL SOD HYPO 12.5% LIQUICHLOR		2,027.64	18
		SJ803862 3/9/17 3403 GAL SOD HYPO 12.5% LIQUIDCHLOR		1,519.16	18
		SJ804465 3/13/17 4034 GAL SOD BISULFITE		3,702.86	18
		SJ804936 3/13/17 4502 GAL SOD HYPO 12.5% LIQUIDCHLOR		2,009.77	18
		SJ805702 3/21/17 4725 GAL SOD BISULFITE		4,337.58	18
		SJ805966 3/18/17 4587 GAL SOD HYPO 12.5% LIQUICHLOR		2,047.72	18
		SJ810142 4/13/17 3570 GAL SOD HYPO 12.5% LIQUICHLOR		1,593.72	18
		SJ810594 4/18/17 4754 GAL SOD BISULFITE		4,363.49	18
		SJ811022 4/18/17 4588 GAL SOD HYPO 12.5% LIQUICHLOR		2,048.16	18
		SJ811518 4/23/17 4000 GAL SOD HYPO 12.5% LIQUICHLOR		1,785.68	18
		SJ812074 4/25/17 4001 GAL SOD HYPO 12.5% LIQUICHLOR		1,786.12	18
		SJ813043 4/30/17 4439 GAL SOD HYPO 12.5% LIQUICHLOR		1,981.65	18
US POSTAL SERVICE (POSTAGE-BY- OFFICE SUPPLIES	20463		350.00		
		5052017 POSTAGE REFILL-A/C 18400358		350.00	18
USA BLUE BOOK MISCELLANEOUS	20464		583.67		
		237669 QTY 1 GOULDS CENTRIFUGAL 3/4HP 1PH		583.67	18
V&A CONSULTING ENGINEERS, INC. CONSTRUCTION-CONTRACTOR	20465		3,197.00		
		16727 2/1-3/31/17 ENG SVCS CCT COATING		3,197.00	20
VALLEY OIL COMPANY (VEHICLE FU SUPPLIES	20466		831.83		
		455428 4/1-4/15/17 FUEL CHARGES COMPANY VEHICLES		55.77	18
		455428 4/1-4/15/17 FUEL CHARGES COMPANY VEHICLES		776.06	18

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VERIZON WIRELESS	20467		2,149.10		
UTILITIES		9784235966 3/20-4/19/17 VERIZON SERVICE		2,063.06	18
		9784235967 4/20-5/19/17 VERIZON SERVICE		76.02	18
		9784542306 3/24-4/23/17 VERIZON 4G BACKUP ROUTER PLAN		10.02	18
VWR INTERNATIONAL, LLC	20468		2,602.15		
SUPPLIES		8048183062 LAB SUPPLIES		84.65	18
		8048250056 LAB SUPPLIES		474.84	18
MISCELLANEOUS		8048250056 LAB SUPPLIES		839.90	18
SMALL TOOLS		8048327143 LAB SUPPLIES		1,106.75	18
SUPPLIES		8048330591 LAB SUPPLIES		41.73	18
		8048330592 LAB SUPPLIES		21.79	18
		8048336039 LAB SUPPLIES		32.49	18
WATER ENVIRONMENT FEDERATION	20469		247.00		
MEMB. & MEET.		1769024DOMINGO MEMBERSHIP RENEWAL - NORMAN M DOMINGO		247.00	18
WATSON-MARLOW INC	20470		1,505.06		
MISCELLANEOUS		SI034747TAX SALES TAX LIABILITY		-128.10	18
		SI034747 QTY 8 1M 19MM BORE PVC TUBING WITH 3/4 PP FEM		1,633.16	18
WESTERN EXTERMINATOR	20471		1,023.15		
CONTRACT SERV. (NON-MAINT.)		228201719179 2/17 EXTERMINATOR SERVICE GREENDALE		1,023.15	18
WESTIN ENGINEERING, INC.	20472		1,350.00		
PROFESSIONAL SERVICES		3107 1/28-2/24/17 PROFESSIONAL SERVICES SUPPORT		1,350.00	18

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WHITLEY, BURCHETT AND ASSOCIAT	20473		36,914.07		
CONTRUCTION-DESIGN		SVC1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		540.73	20
		SVC1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		1,892.56	20
		SVC1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		270.38	20
		SVC1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		1,487.01	20
		SVC1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		1,081.46	20
		SVC1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		14,870.11	20
		SVC1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		1,622.19	20
		SVC1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		1,487.01	20
		SVC1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		3,244.39	20
		SVC1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		540.73	20
CONST.-ADMIN. & LEGAL		SVC1652 3/17 T.O.2016-03 SRF FINANCIAL SVCS		9,232.50	20
CONTRUCTION-DESIGN		SBS08280 2/17 T.O.43 BELMONT CONVEYANCE PROJ		393.75	20
		SVC14325 3/17 T.O.2014-03 54" FORCE MAIN REPLACEMENT		251.25	20
XEROX CORPORATION	20474		3,507.75		
RENTAL/LEASES		89040577 5/17 XEROX LEASE		551.21	18
		89040578 5/17 XEROX LEASE		276.51	18
		89040579 5/17 XEROX LEASE		281.31	18
		89040580 5/17 XEROX LEASE		603.69	18
		89040581 5/17 XEROX LEASE		1,179.36	18
		89040582 5/17 XEROX LEASE		383.40	18
		89099930 5/17 XEROX LEASE		232.27	18

TOTAL \$1,618,783.31 ✓

SVCW WARRANT REGISTER

SVCW Warrant Register dated May 19, 2017. A scanned copy was e-mailed to Commissioners on May 16, 2017.

SILICON VALLEY CLEAN WATER
WARRANT REGISTER
05/19/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
PACIFIC GAS & ELECTRIC COMPANY	20475		50,000.00		
CONST.-ADMIN. & LEGAL		5112017 SELF-GENERATION INCENTIVE PROGRAM-2017 APPLICA		16,666.66	20
		5112017 SELF-GENERATION INCENTIVE PROGRAM-2017 APPLICA		16,666.67	20
		5112017 SELF-GENERATION INCENTIVE PROGRAM-2017 APPLICA		16,666.67	20
		TOTAL		\$50,000.00	

OB 5/11/17

ML 5/15/2017

5/19/17

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OB-ED 5/16/17

SVCW WARRANT REGISTER

SVCW Warrant Register dated May 31, 2017 for Retiree Health. A scanned copy was emailed to Commissioners on May 31, 2017.

05-31-17

SILICON VALLEY CLEAN WATER
WARRANT REGISTER
FUND RECAP

PAGE 9777

NAME

FUND

AMOUNT


RETIREE HEALTH INSUR. FD.

12

21,981.35

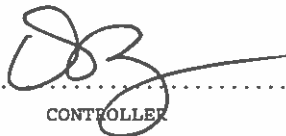
TOTAL FOR APPROVAL

\$21,981.35

 5/23/2017

THIS IS TO CERTIFY THAT THE CLAIMS LISTED ON PAGES NUMBERED FROM 9773 THROUGH 9777 INCLUSIVE, AND/OR CLAIMS NUMBERED FROM 20582 THROUGH 20618 INCLUSIVE, TOTALING IN THE AMOUNT OF \$21,981.35, 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,


.....
CONTROLLER

5/22/17
DATE

5/31/17 (Retiree Health)

 5/31/17

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SILICON VALLEY CLEAN WATER
WARRANT REGISTER
05/31/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
FLAHERTY, LISA M.	20582		788.74		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		788.74	12
LEACH, PRESTON L.	20583		172.48		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
REEVES, DENNIS D.	20584		472.96		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
REYES, CESAR V.	20585		472.96		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
SCHIECHL, WARREN	20586		196.21		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		196.21	12
WALSH, WALTER	20587		196.21		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		196.21	12
WIDGER, RICHARD	20588		1,338.78		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		1,338.78	12
BAKER, ANDREW	20589		1,223.22		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		1,223.22	12
BEWLEY, JAMES B.	20590		472.96		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
BOVE, LEONARD F.	20591		605.39		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		605.39	12
BUENROSTRO, BENJAMIN	20592		1,338.78		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		1,338.78	12

SILICON VALLEY CLEAN WATER
WARRANT REGISTER
05/31/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
BUSCH, JOSEPH A.	20593		172.48		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
CHAPMAN, ROBERT G	20594		905.87		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		905.87	12
DIAZ, CLARA L.	20595		261.76		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		261.76	12
DONALDSON, ROBERT M.	20596		605.39		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		605.39	12
FAZIO, MICHAEL	20597		172.48		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
FORD, LARENCE	20598		472.96		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
GERKE, FRED	20599		605.39		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		605.39	12
GROSSO, LORNA	20600		172.48		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
HALL, DAVID A.	20601		1,778.81		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		1,778.81	12
HERNANDEZ, JOHN M.	20602		472.96		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
JONES, REGGIE H.	20603		196.21		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		196.21	12

SILICON VALLEY CLEAN WATER
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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
KAUFMAN, KENNETH J	20604		172.48		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
KELLY, DIANE L.	20605		579.26		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		579.26	12
KERTZ, FELIX J.	20606		172.48		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		172.48	12
KLOKKE, KARL W.	20607		579.26		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		579.26	12
MA, PO KUI	20608		472.96		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
MURRAY, GENE RODGER	20609		901.24		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		901.24	12
PINEDO, JESSE	20610		472.96		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
POSCH, MICHAEL A.	20611		472.96		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
SMITH, JULIE	20612		1,338.78		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		1,338.78	12
SMITH, RAYMOND C.	20613		520.42		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		520.42	12
STORMS, VERNON GARY	20614		772.02		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		772.02	12

SILICON VALLEY CLEAN WATER
WARRANT REGISTER
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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
SUTER, KATHERINE J.	20615		472.96		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
TAYLOR, TERRY M.	20616		905.87		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		905.87	12
VON SEEBACH, NANCY	20617		579.26		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		579.26	12
WOODSTOCK, CRAIG M.	20618		472.96		
RETIREE MEDICAL PAYMENTS		617 06/17 RETIREE HEALTH PREMIUM REFUND		472.96	12
TOTAL				\$21,981.35	

SVCW WARRANT REGISTER

SVCW Warrant Register for the period covering May 5, 2017 to May 19, 2017. A scanned copy was e-mailed to Commissioners on May 24, 2017.

05-19-17

SILICON VALLEY CLEAN WATER
WARRANT REGISTER
FUND RECAP

PAGE 9772

NAME	FUND	AMOUNT
RETIREE HEALTH INSUR. FD.	12	35,000.00
CAPITAL IMPROVEMENT FUND	14	381,433.45
OPERATION	18	498,510.61
RECYCLED WATER FUND	19	218.70
PLANT - CIP BOND	20	1,991,182.31
TOTAL FOR APPROVAL		\$2,906,345.07

THIS IS TO CERTIFY THAT THE CLAIMS LISTED ON PAGES NUMBERED FROM 9748 THROUGH 9772 INCLUSIVE, AND/OR CLAIMS NUMBERED FROM 20475 THROUGH 20581 INCLUSIVE, TOTALING IN THE AMOUNT OF \$2,906,345.07, 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,

.....
CONTROLLER

FSM

5/12/17
DATE

5/18/2017

5/6/17-5/19/17

7B-2

SILICON VALLEY CLEAN WATER
WARRANT REGISTER
05/19/17

PAGE 9748

NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
PACIFIC GAS & ELECTRIC COMPANY	20475		50,000.00		
CONST.-ADMIN. & LEGAL		5112017 SELF-GENERATION INCENTIVE PROGRAM-2017 APPLICA		16,666.66	20
		5112017 SELF-GENERATION INCENTIVE PROGRAM-2017 APPLICA		16,666.67	20
		5112017 SELF-GENERATION INCENTIVE PROGRAM-2017 APPLICA		16,666.67	20
ALPHA ANALYTICAL LABORATORIES	20476		695.00		
CONTRACT SERV. (NON-MAINT.)		7043264RPSVCW PLANT PROCESS LAB ANALYSIS		315.00	18
		7043281RPSVCW RWC LAB ANALYSIS		380.00	18
ANDREINI BROTHERS INC	20477		21,710.87		
CONTRACT SERV. (NON-MAINT.)		131155423 2/22-2/28/17 GRADING, DOZER, EXCAVATOR SERVI		21,710.87	18
AT&T	20478		330.66		
UTILITIES		507201701511 5/7-6/6/17 BLPS AT&T SERVICE		66.89	18
		507201715339 5/7-6/6/17 MPPS AT&T SERVICE		98.44	18
		507201724836 5/7-6/6/17 RWCPS AT&T SERVICE		98.44	18
		507201796059 5/7-6/6/17 SCPS AT&T SERVICE		66.89	18
BEECHER ENGINEERING	20479		5,740.00		
CONTRUCTION-DESIGN		41743 4/5-4/12/17 T.O.2016-03 PROF ELEC ENG SVCS - SRF		2,788.00	20
		41743 4/5-4/12/17 T.O.2016-03 PROF ELEC ENG SVCS - SRF		2,788.00	20
PROFESSIONAL SERVICES		41745 4/19/17 T.O.2016-01 PROF ELEC ENG SVCS AS-BUILT		164.00	18
BIG JOE HANDLING SYSTEMS	20480		2,806.48		
MACH & EQUIP MAINT SERVICES		439876 TROUBLESHOOT AND REPAIR EQUIPMENT ON SITE		1,965.13	18
		440279 TROUBLESHOOT AND REPAIR EQUIPMENT ON SITE		588.54	18
		440918 TROUBLESHOOT AND REPAIR EQUIPMENT ON SITE		252.81	18

SILICON VALLEY CLEAN WATER
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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
BROWN & CALDWELL	20481		84,762.12		
CONSTRUCTION-DESIGN		11283710 11/25-12/23/17 T.O.2013-05 DIGESTER&THICKENER		292.00	20
		11283710 11/25-12/23/17 T.O.2013-05 DIGESTER&THICKENER		292.00	20
		11283710 11/25-12/23/17 T.O.2013-05 DIGESTER&THICKENER		292.00	20
		11288246 12/30/16-2/23/17 T.O.2015-08 DIGESTER&THICKEN		1,347.72	20
		11288246 12/30/16-2/23/17 T.O.2015-08 DIGESTER&THICKEN		1,347.73	20
		11288246 12/30/16-2/23/17 T.O.2015-08 DIGESTER&THICKEN		1,347.73	20
		11288713 THRU 2/23/17 T.O.2016-11 FRONT PLANT PROJ/PHA		26,395.48	20
		11288713 THRU 2/23/17 T.O.2016-11 FRONT PLANT PROJ/PHA		26,395.48	20
		11288713 THRU 2/23/17 T.O.2016-11 FRONT PLANT PROJ/PHA		26,395.48	20
		11289664 2/24-3/30/17 T.O.2015-08 DIGESTER&THICKENER F		218.84	20
		11289664 2/24-3/30/17 T.O.2015-08 DIGESTER&THICKENER F		218.83	20
		11289664 2/24-3/30/17 T.O.2015-08 DIGESTER&THICKENER F		218.83	20
C H BULL COMPANY	20482		1,670.38		
SUPPLIES		1195901 QTY 1 DBI 100' HORIZONTAL LIFELINE SYSTEM FOR		1,614.94	18
		1195901 QTY 1 DBI 100' HORIZONTAL LIFELINE SYSTEM FOR		55.44	18
C.W.E.A. - SCVS	20483		770.00		
MEMB. & MEET.		3162017 3/16/17 CWEA DINNER MEETINGS		105.00	18
		3162017 3/16/17 CWEA DINNER MEETINGS		35.00	18
		3162017 3/16/17 CWEA DINNER MEETINGS		105.00	18
		3162017 3/16/17 CWEA DINNER MEETINGS		175.00	18
		3162017 3/16/17 CWEA DINNER MEETINGS		105.00	18
		3162017 3/16/17 CWEA DINNER MEETINGS		35.00	18
		4202017 4/20/17 CWEA DINNER MEETINGS		105.00	18
		4202017 4/20/17 CWEA DINNER MEETINGS		35.00	18
		4202017 4/20/17 CWEA DINNER MEETINGS		70.00	18
C.W.E.A. - TCP	20484		181.00		
ADMINISTRATIVE EXPENSES		4072017 CWEA MEMBERSHIP FEE RENEWAL - KEMP, JAMES		93.00	18
TRAINING		5042017ID17911 CWEA RENEWAL FEE - DOMINGO, NORMAN		88.00	18

SILICON VALLEY CLEAN WATER
WARRANT REGISTER
05/19/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
CALIFORNIA DETAILERS, INC.	20485		275.00		
MACH & EQUIP MAINT SERVICES		43840 3/25/17 FLEET VEHICLE ON-SITE WASH		275.00	18
CALPERS - FISCAL SERVICES DIVI	20486		35,000.00		
RETIREE MEDICAL PAYMENTS		5012017 5/17 PREFUNDING OPEB		35,000.00	12
CALTEST ANALYTICAL LABORATORY	20487		836.10		
CONTRACT SERV. (NON-MAINT.)		572581 NPDES PERMIT LAB ANALYSIS		836.10	18
CASCADE INTEGRATION & DEVELOPM	20488		28,828.00		
CONSTRUCTION-DESIGN		1290 4/17 T.O.2015-03 DUAL MEDIA FILTER 6A & B		16,340.50	20
		1291 4/17 T.O.2016-01 SOLIDS PROCESSING AUTOMATION		4,162.50	20
		1291 4/17 T.O.2016-01 SOLIDS PROCESSING AUTOMATION		4,162.50	20
		1291 4/17 T.O.2016-01 SOLIDS PROCESSING AUTOMATION		4,162.50	20
CI ACTUATION	20489		218.70		
MACHINERY AND EQUIP MAINT MATE		742842 QTY 2 KNOB KIT NEW STYLE ACP COVER		218.70	19
CINTAS CORPORATION NO. 3	20490		1,647.99		
SUPPLIES		464745330 5/9/17 LAUNDRY SERVICE		798.67	18
		464748163 5/16/17 LAUNDRY SERVICE		849.32	18
COUNTY OF SAN MATEO - AIRPORT	20491		97,300.00		
CONST.-ADMIN. & LEGAL		5192017 6/17 PERMIT#5384-LEASE PYMT SAN CARLOS AIRPORT		97,300.00	20
COVELLO GROUP INC., THE	20492		11,437.50		
CONSTRUCTION-CONTRACTOR		201303442 4/17 T.O.2013-02 GLOBAL CM CIP PROJECTS		11,437.50	20
CTL GROUP	20493		7,780.00		
CONSTRUCTION-CONTRACTOR		119480 1/1-2/28/17 GRAVITY PIPELINE COMPONENT INTERIOR		7,780.00	20

SILICON VALLEY CLEAN WATER
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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
CYCLOTRON INC	20494		10,000.00		
PROFESSIONAL SERVICES		1620 SOFTWARE SUPPORT SERVICE - SKYPE FOR BUSINESS HYB		10,000.00	18
D.C. FROST ASSOCIATES INC.	20495		3,179.26		
MISCELLANEOUS		11131 QTY 3 LINER BOTTOM CONE RUB		807.25	18
		11174 QTY 2 SLEEVE DISCHARGE NEOPRENE, QTY 2 LINER FEE		291.45	18
		11174 QTY 2 SLEEVE DISCHARGE NEOPRENE, QTY 2 LINER FEE		2,080.56	18
D.W. NICHOLSON CORPORATION	20496		5,629.80		
CONSTRUCTION-CONTRACTOR		RETRELPOM10729 12/29/16 RETENTION RELEASE - UPS SYSTEM		5,629.80	14
DAVID J POWERS AND ASSOCIATES,	20497		12,634.96		
CONSTRUCTION-DESIGN		20150216 3/17 T.O.2015-02 CONVEYANCE SYSTEM CEQA - EIR		758.10	20
		20150216 3/17 T.O.2015-02 CONVEYANCE SYSTEM CEQA - EIR		884.45	20
		20150216 3/17 T.O.2015-02 CONVEYANCE SYSTEM CEQA - EIR		126.35	20
		20150216 3/17 T.O.2015-02 CONVEYANCE SYSTEM CEQA - EIR		694.92	20
		20150216 3/17 T.O.2015-02 CONVEYANCE SYSTEM CEQA - EIR		6,949.22	20
		20150216 3/17 T.O.2015-02 CONVEYANCE SYSTEM CEQA - EIR		1,516.20	20
		20150216 3/17 T.O.2015-02 CONVEYANCE SYSTEM CEQA - EIR		505.40	20
		20150216 3/17 T.O.2015-02 CONVEYANCE SYSTEM CEQA - EIR		694.92	20
		20150216 3/17 T.O.2015-02 CONVEYANCE SYSTEM CEQA - EIR		252.70	20
		20150216 3/17 T.O.2015-02 CONVEYANCE SYSTEM CEQA - EIR		252.70	20
DKF SOLUTIONS GROUP, LLC	20498		450.00		
CONTRACT SERV. (NON-MAINT.)		13023 5/2017 MY SAFETY OFFICER-MONTHLY SUBSCRIPTION FE		450.00	18
E & M ELECTRIC & MACHINERY, IN	20499		31,325.03		
MACH & EQUIP MAINT SERVICES		300479 6/10/17-6/10/18 WONDERWARE SOFTWARE LICENSE REN		31,325.03	18

SILICON VALLEY CLEAN WATER
WARRANT REGISTER
05/19/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
EDGLEY, KIP D.	20500		22,090.05		
CONTRUCTION-DESIGN		511SV1704 4/3-5/7/17 SERVICES INSIDE CA		15,795.00	20
		511SV1704B 4/3-5/7/17 SERVICES OUTSIDE CA		3,375.00	20
		511SV1704C REIM-4/3-5/7/17 TRAVEL EXPENSE		4,025.70	20
MISCELLANEOUS		511SV1704D 7% NONRESIDENT WITHHOLDING		-1,105.65	20
ENVIRONMENTAL EXPRESS, INC	20501		1,040.85		
SUPPLIES		1000463556 QTY 5 PROWEIGH FILTERS FOR VOLATILES		1,040.85	18
ERS INDUSTRIAL SERVICES, INC.	20502		220,867.79		
CONSTRUCTION-CONTRACTOR		14POM10604 4/1-5/1/17 PRG PMT#14 PRIM SEDIMENTATION TA		84,380.63	20
		14POM10604 4/1-5/1/17 PRG PMT#14 PRIM SEDIMENTATION TA		84,380.62	20
		23POM10468 4/1-4/14/17 PRG PMT#23 DUAL MEDIA FILTER A1		52,106.54	20
FASTENAL COMPANY	20503		2,586.35		
MISCELLANEOUS		CASAA52468 VENDOR MANAGED RESTOCK		50.93	18
		CASAA52468 VENDOR MANAGED RESTOCK		42.09	18
		CASAA52468 VENDOR MANAGED RESTOCK		788.18	18
SUPPLIES		CASAA52569 VENDOR MANAGED RESTOCK		1,301.52	18
MISCELLANEOUS		CASAA52750 VENDOR MANAGED RESTOCK		40.57	18
		CASAA52750 VENDOR MANAGED RESTOCK		82.70	18
		CASAA52750 VENDOR MANAGED RESTOCK		225.88	18
		CASAA52750 VENDOR MANAGED RESTOCK		54.48	18
FENTON, CHARLES	20504		30,426.67		
CONST.-ADMIN. & LEGAL		70 2/13-3/10/17 SERVICES INSIDE CA		24,115.00	20
		70B 2/13-3/10/17 SERVICES OUTSIDE CA		2,730.00	20
		70C REIM-2/13-3/10/17 TRAVEL EXPENSE		5,269.72	20
MISCELLANEOUS		70D 7% NONRESIDENT WITHHOLDING		-1,688.05	20
FIELDMAN, ROLAPP & ASSOCIATES	20505		7,738.46		
CONST.-ADMIN. & LEGAL		23170 4/3-4/13/17 PROFESSIONAL SVCS-WIFIA LETTER OF IN		7,738.46	20

5/6/17-5/19/17

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SILICON VALLEY CLEAN WATER
WARRANT REGISTER
05/19/17

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
FISHER SCIENTIFIC COMPANY	20506		1,228.37		
MACHINERY AND EQUIP MAINT MATE		415555 LAB SUPPLIES		452.27	18
		492413 LAB SUPPLIES		518.07	18
SUPPLIES		770954 LAB SUPPLIES		258.03	18
FITZGERALD LAW OFFICES	20507		37,453.80		
CONST.-ADMIN. & LEGAL		5192017 4/17 PROFESSIONAL SERVICES - LEGAL		8,275.20	20
		5192017 4/17 PROFESSIONAL SERVICES - LEGAL		3,942.00	20
PROFESSIONAL SERVICES		5192017 4/17 PROFESSIONAL SERVICES - LEGAL		6,782.70	18
CONST.-ADMIN. & LEGAL		5192017A 3/17 PROF SVCS - CONVEYANCE SYSTEM		9,409.50	20
		5192017B REIM-3/17 PROF SVCS - CONVEYANCE SYSTEM		157.80	20
		5192017C 3/17 PROF SVCS - LONG TERM STRATEGIC RECYC WA		3,187.80	20
PROFESSIONAL SERVICES		5192017D 3/17 GENERAL PROF SVCS		5,560.20	18
		5192017E REIM-3/17 GENERAL PROF SVCS		138.60	18
FIVESKY	20508		74,678.62		
CAPITAL		FSUSIN6186 QTY 1 NETWORK EQUIPMENT NIMBLE STORAGE		37,339.31	14
		FSUSIN6187 QTY 1 NETWORK EQUIPMENT NIMBLE STORAGE		37,339.31	14
FRANK A. OLSEN CO.	20509		183,061.62		
CONSTRUCTION-CONTRACTOR		1POM10816 2/9-4/30/17 PRG PMT#1 PUMP STATION VALVE PRO		90,900.15	14
		1POM10816 2/9-4/30/17 PRG PMT#1 PUMP STATION VALVE PRO		90,900.15	14
MACH & EQUIP MAINT SERVICES		237524 QTY 1 ROTORK POWER MODULE AND FIELD SERVICE		1,261.32	18
FRANKLIN MILLER, INC.	20510		1,375.68		
MISCELLANEOUS		29344 QTY 2 MECH SEAL, QTY 2 RING RETAINER		1,319.13	18
		29344 QTY 2 MECH SEAL, QTY 2 RING RETAINER		56.55	18

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FREYER & LAURETA, INC	20511		1,020.00		
CONTRUCTION-DESIGN		17137 2/17 T.O.2014-04 CONVEYANCE SYST PROG - LAND USE		170.00	20
		17137 2/17 T.O.2014-04 CONVEYANCE SYST PROG - LAND USE		170.00	20
		17209 3/17 T.O.2014-04 CONVEYANCE SYST PROG - LAND USE		340.00	20
		17209 3/17 T.O.2014-04 CONVEYANCE SYST PROG - LAND USE		340.00	20
GRAINGER	20512		1,441.96		
MACHINERY AND EQUIP MAINT MATE		9409337061 RESTOCK ITEMS		315.22	18
		9409337061 RESTOCK ITEMS		19.58	18
MISCELLANEOUS		9409337061 RESTOCK ITEMS		90.59	18
		9409337061 RESTOCK ITEMS		89.56	18
		9431793687 RESTOCK ITEMS		90.59	18
MACHINERY AND EQUIP MAINT MATE		9435238242 RESTOCK ITEMS		236.86	18
SUPPLIES		9435528428 RESTOCK ITEMS		7.55	18
		9435528428 RESTOCK ITEMS		7.82	18
		9435528428 RESTOCK ITEMS		26.97	18
		9435528428 RESTOCK ITEMS		27.75	18
MISCELLANEOUS		9438525801 RESTOCK ITEMS		187.56	18
		9440128842 RESTOCK ITEMS		341.91	18
HACH COMPANY	20513		129.80		
SUPPLIES		10421692 QTY 1 PH BUFFER SOLUTION KIT		129.80	18
HANSON BRIDGETT LLP	20514		28,692.16		
PROFESSIONAL SERVICES		1189009 3/17 LEGAL SVCS-PUBLIC WORKS CONTRACTING&INFRA		28,692.16	18
HERC RENTALS INC.	20515		367.33		
RENTAL/LEASES		251301 QTY 1 KANAFLEX SUCTION HOSE, QTY 1 KANAFLEX COU		367.33	18
HILLYARD INC	20516		267.92		
MISCELLANEOUS		602525654 JANITOR SUPPLIES		267.92	18

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HILTI, INC.	20517		337.96		
MISCELLANEOUS		4609493417 QTY 9 HAMMER DRILL BIT TE-CX .25" X 12"		337.96	18
JENTECH SERVICES	20518		7,826.10		
MACH & EQUIP MAINT SERVICES		2229 4/28-5/11/17 INSTRUMENT CALIBRATION		3,040.00	18
		2229 4/28-5/11/17 INSTRUMENT CALIBRATION		2,375.00	18
		2229 4/28-5/11/17 INSTRUMENT CALIBRATION		95.00	18
		2229 4/28-5/11/17 INSTRUMENT CALIBRATION		2,316.10	18
JHS CONSULTING, LLC	20519		6,147.12		
CONSTRUCTION-DESIGN		2016036 3/17 T.O.2016-03 CONVEYANCE SYST CEQA-ENVIRO R		338.09	20
		2016036 3/17 T.O.2016-03 CONVEYANCE SYST CEQA-ENVIRO R		3,380.92	20
		2016036 3/17 T.O.2016-03 CONVEYANCE SYST CEQA-ENVIRO R		737.65	20
		2016036 3/17 T.O.2016-03 CONVEYANCE SYST CEQA-ENVIRO R		245.88	20
		2016036 3/17 T.O.2016-03 CONVEYANCE SYST CEQA-ENVIRO R		338.09	20
		2016036 3/17 T.O.2016-03 CONVEYANCE SYST CEQA-ENVIRO R		122.94	20
		2016036 3/17 T.O.2016-03 CONVEYANCE SYST CEQA-ENVIRO R		122.94	20
		2016036 3/17 T.O.2016-03 CONVEYANCE SYST CEQA-ENVIRO R		368.83	20
		2016036 3/17 T.O.2016-03 CONVEYANCE SYST CEQA-ENVIRO R		430.30	20
		2016036 3/17 T.O.2016-03 CONVEYANCE SYST CEQA-ENVIRO R		61.48	20
KELLER INDUSTRIES INC	20520		3,500.66		
MISCELLANEOUS		15553 QTY 3 MACHINED COUPLING 8", QTY 3 MACHINED COUPL		1,950.97	18
		15553 QTY 3 MACHINED COUPLING 8", QTY 3 MACHINED COUPL		1,549.69	18
KEN GRADY COMPANY, INC	20521		159.45		
MACHINERY AND EQUIP MAINT MATE		1546B QTY 1 ATI SAMPLE TUBING, DISCHARGE, REAGENT		21.75	18
		1546B QTY 1 ATI SAMPLE TUBING, DISCHARGE, REAGENT		21.75	18
		1546B QTY 1 ATI SAMPLE TUBING, DISCHARGE, REAGENT		115.95	18

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KENNEDY/JENKS CONSULTANTS, INC	20522		160,264.53		
CONSTRUCTION-DESIGN		108871 THRU 1/27/17 T.O.2016-04 & 2016-09 PREDESIGN EN		35,688.98	20
		110356 THRU 3/3/17 T.O.2016-11 GRAV PIPELINE-PRG DSG B		82,931.05	20
PROFESSIONAL SERVICES		110528 THRU 3/31/17 T.O.2016-06 ENGINEERING SVCS FY 16		3,300.00	18
CONSTRUCTION-DESIGN		110611 THRU 1/27/17 T.O.2016-07 GRAV PIPELINE SRF PROJ		11,292.50	20
		111339 3/4-3/31/17 T.O.2016-11 GRAV PIPELINE-PRG DSG B		27,052.00	20
MADCO WELDING SUPPLY CO	20523		93.75		
RENTAL/LEASES		9626 3/13/17 CYLINDER RENTAL		93.75	18
MCMASTER-CARR SUPPLY CO.	20524		649.40		
MISCELLANEOUS		27069532 QTY 3 SUMP PUMP FOR WATER WITH SOLIDS INTERGR		649.40	18
MENLO PARK, CITY OF	20525		212.54		
UTILITIES		426201735494 3/23-4/20/17 MPPS WATER SERVICE		212.54	18
METRO MOBILE COMMUNICATIONS	20526		2,307.64		
MISCELLANEOUS		39064 QTY 3 PORTABLE RADIO		1,963.99	18
		39064 QTY 3 PORTABLE RADIO		343.65	18
MOTION INDUSTRIES INC.	20527		1,129.04		
MACHINERY AND EQUIP MAINT MATE		CA24007360 QTY 100 TUBING & PIPE		56.78	18
MISCELLANEOUS		CA24007751 QTY 21 VITON GASKET		85.02	18
MACHINERY AND EQUIP MAINT MATE		CA24007761 QTY 1 TEFC 1140 RPM MOTOR		659.47	18
MISCELLANEOUS		CA24007818 QTY 12 SUPER HC V BELT		105.40	18
MACHINERY AND EQUIP MAINT MATE		CA24007818 QTY 12 SUPER HC V BELT		222.37	18
NEWARK ELEMENT14	20528		24.45		
MACHINERY AND EQUIP MAINT MATE		28990613 QTY 4 LITHIUM BATTERY		6.12	18
		28990613 QTY 4 LITHIUM BATTERY		6.11	18
		28990613 QTY 4 LITHIUM BATTERY		6.11	18
		28990613 QTY 4 LITHIUM BATTERY		6.11	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
NEXLEVEL INFORMATION TECHNOLOG	20529		4,062.50		
CONST.-ADMIN. & LEGAL		20170429 4/17 ERP PROCUREMENT ENGAGEMENT		4,062.50	20
OFFICE DEPOT	20530		322.56		
OFFICE SUPPLIES		924813268001 OFFICE SUPPLIES		192.09	18
		925411073001 OFFICE SUPPLIES		130.47	18
OGASAWARA LANDSCAPE MAINTENANC	20531		2,200.00		
CONTRACT SERV. (NON-MAINT.)		24046 4/29/17 MISC LANDSCAPING WORK AND LABOR		1,050.00	18
		24047A 5/3/17 MISC LANDSCAPING WORK AND LABOR		1,150.00	18
PACE SUPPLY CORP	20532		507.07		
MISCELLANEOUS		93849362 PLUMBING SUPPLIES		103.93	18
		93849362 PLUMBING SUPPLIES		35.98	18
MACHINERY AND EQUIP MAINT MATE		938493621 PLUMBING SUPPLIES		367.16	18
PACIFIC GAS AND ELECTRIC COMPA	20533		106,341.20		
UTILITIES		76335900 3/17 PG&E DEPARTING LOAD CHARGE		13,900.72	18
		502201703894 3/27-4/25/17 LYNGSO ELECTRIC		14.85	18
		502201743834 3/27-4/25/17 RCPS ELECTRIC		8,662.63	18
		504201719225 2/14-3/15/17 SCPS ELECTRIC		10,527.19	18
		504201765919 3/31-4/30/17 GEG COGEN GAS		801.85	18
		515201723701 4/14-5/15/17 PLANT GAS		2,350.12	18
		420201788673 316-7/13/17 BLPS ELECTRICITY		2,268.02	18
		420201788673 316-7/13/17 BLPS ELECTRICITY		900.64	18
		501201783066 3/28-4/26/17 PLANT ELECTRICITY		62,106.71	18
		503201726195 3/247-4/24/17 MPPS ELECTRICITY		4,808.47	18
PACIFIC WATER RESOURCES	20534		304.61		
MISCELLANEOUS		17146 QTY 2 FLOWERVE SHIM KITS		304.61	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
PENINSULA BATTERY, INC.	20535		90.18		
MISCELLANEOUS		121090 QTY 1 DC-24 BATTERY		90.18	18
PEOPLEREADY INC	20536		3,472.00		
CONTRACT SERV. (NON-MAINT.)		22134906 4/17-4/23/17 UTILITY WORKER TEMPORARY STAFF O		2,480.00	18
		22143098 4/10-4/16/17 UTILITY WORKER TEMPORARY STAFF O		992.00	18
PETTY CASH - SILICON VALLEY CL	20537		527.37		
SUPPLIES		5192017 PETTY CASH DISBURSEMENTS		54.23	18
MEMB. & MEET.		5192017 PETTY CASH DISBURSEMENTS		12.00	18
		5192017 PETTY CASH DISBURSEMENTS		30.00	18
SUPPLIES		5192017 PETTY CASH DISBURSEMENTS		10.03	18
TRAINING		5192017 PETTY CASH DISBURSEMENTS		76.20	18
SUPPLIES		5192017 PETTY CASH DISBURSEMENTS		26.00	18
MACHINERY AND EQUIP MAINT MATE		5192017 PETTY CASH DISBURSEMENTS		4.24	18
		5192017 PETTY CASH DISBURSEMENTS		5.20	18
TRAINING		5192017 PETTY CASH DISBURSEMENTS		46.00	18
		5192017 PETTY CASH DISBURSEMENTS		189.06	18
SUPPLIES		5192017 PETTY CASH DISBURSEMENTS		27.17	18
ADMINISTRATIVE EXPENSES		5192017 PETTY CASH DISBURSEMENTS		15.00	18
MEMB. & MEET.		5192017 PETTY CASH DISBURSEMENTS		32.24	18
POLYDYNE, INC.	20538		25,012.50		
CHEMICAL SUPPLIES		1135960 5/3/17 QTY 10 CLARIFLOC C-6265		25,012.50	18
POWER ENGINEERING CONSTRUCTION	20539		1,092,938.75		
CONSTRUCTION-CONTRACTOR		14POM10630 2/1-3/31/17 PRG PMT#14 RWC PUMP STATION 48"		183,095.11	20
		20POM10558 1/1-3/18/17 PRG PMT#20 PLANT EFFLUENT OUTFA		298,740.00	20
		RETRELPOM10558 4/17 RETENTION RELEASE PLANT EFFLUENT O		483,003.00	20
		RETRELPOM10630 4/17 RETENTION RELEASE RWC PUMP STATION		128,100.64	20

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PUMP WORKS, LLC	20540		2,092.68		
MACHINERY AND EQUIP MAINT MATE		PW4674 QTY 1 CENTRIFUGAL PENTAIR PUMP, QTY 12 COUPLING		1,981.10	18
MISCELLANEOUS		PW4674 QTY 1 CENTRIFUGAL PENTAIR PUMP, QTY 12 COUPLING		111.58	18
QPCS LLC	20541		13,152.17		
SUPPLIES		13784 4/27-4/28/17 ON SITE VISIT SMARTIQ SURVEILLANCE		3,524.65	18
		13785 QTY 5 SMARTIQ FIXED CAMERA, POLE MOUNTS		6,590.80	18
		13788 4/28/17 ON SITE INSTALLATION SMARTIQ CAMERA		3,036.72	18
R & S ERECTION NORTH PENINSULA	20542		4,381.00		
MACH & EQUIP MAINT SERVICES		42317 4/11/17 INSTALLED PAIR OF HOLLOW METAL DOORS		3,674.00	18
		42345 4/14/17 INSTALLED MILLER EDGE		707.00	18
RECOLOGY PENINSULA SERVICES	20543		592.00		
CONTRACT SERV. (NON-MAINT.)		64124 4/17/17 20 YD DEBRIS BOX		592.00	18
REDWOOD CITY, CITY OF - FINANC	20544		11,119.55		
PROFESSIONAL SERVICES		BR44090 4/17 ACCOUNTING SERVICES		11,119.55	18
REDWOOD CITY, CITY OF - WATER	20545		5,109.24		
UTILITIES		428201706774 3/28-4/28/17 RCPS WATER SERVICE		113.87	18
		428201719903 3/28-4/28/17 1406 WATER, SEWER, GARBAGE,		193.01	18
		428201719929 3/28-4/28/17 1406 FIRE SERVICE		96.00	18
		428201786984 3/28-4/28/17 PLANT WATER, GARBAGE SERVICE		4,706.36	18

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ROYAL WHOLESALE ELECTRIC	20546		4,754.82		
MACHINERY AND EQUIP MAINT MATE		7003630317 VARIOUS CONDUIT PARTS		2,111.93	18
SUPPLIES		7003634854 VARIOUS CONDUIT PARTS		60.32	18
		7003634854 VARIOUS CONDUIT PARTS		60.35	18
		7003634854 VARIOUS CONDUIT PARTS		60.35	18
		7003634854 VARIOUS CONDUIT PARTS		60.35	18
		7003634854 VARIOUS CONDUIT PARTS		60.35	18
		7003634854 VARIOUS CONDUIT PARTS		75.24	18
		7003634854 VARIOUS CONDUIT PARTS		128.63	18
		7003634854 VARIOUS CONDUIT PARTS		1,194.08	18
		7003634854 VARIOUS CONDUIT PARTS		162.21	18
		7003634854 VARIOUS CONDUIT PARTS		462.19	18
		7003636312 VARIOUS CONDUIT PARTS		167.96	18
		7003636312 VARIOUS CONDUIT PARTS		150.86	18
RSOA	20547		655.00		
CONST.-ADMIN. & LEGAL		170515 5/3/17 FULL PAGE LEFT INTERIOR COLOR AD		655.00	20
SAFETY COMPLIANCE MANAGEMENT I	20548		495.00		
TRAINING		8080 5/4/17 TRAINING - HAZARDOUS WASTE MANAGEMENT		495.00	18
SAMPLE TRAPS, LLC	20549		264.26		
SUPPLIES		1201206445 QTY 6 ECONO-POLY BOTTLES		264.26	18
SAN MATEO COUNTY ENVIRONMENTAL	20550		1,330.00		
ADMINISTRATIVE EXPENSES		290124 SCPS STORMWATER ANNUAL FEE		71.00	18
		290124 SCPS STORMWATER ANNUAL FEE		35.00	18
		290124 SCPS STORMWATER ANNUAL FEE		953.00	18
		290124 SCPS STORMWATER ANNUAL FEE		245.00	18
		290124 SCPS STORMWATER ANNUAL FEE		26.00	18

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SANDUL, DUANE	20551		5,480.00		
CONTRUCTION-DESIGN		15B 3/17 T.O.2016-01 CONVEYANCE STSTEM - PUBLIC INFO S		24.00	20
		15B 3/17 T.O.2016-01 CONVEYANCE STSTEM - PUBLIC INFO S		24.00	20
		15B 3/17 T.O.2016-01 CONVEYANCE STSTEM - PUBLIC INFO S		72.00	20
		15B 3/17 T.O.2016-01 CONVEYANCE STSTEM - PUBLIC INFO S		84.00	20
		15B 3/17 T.O.2016-01 CONVEYANCE STSTEM - PUBLIC INFO S		12.00	20
		15B 3/17 T.O.2016-01 CONVEYANCE STSTEM - PUBLIC INFO S		66.00	20
		15B 3/17 T.O.2016-01 CONVEYANCE STSTEM - PUBLIC INFO S		66.00	20
		15B 3/17 T.O.2016-01 CONVEYANCE STSTEM - PUBLIC INFO S		660.00	20
		15B 3/17 T.O.2016-01 CONVEYANCE STSTEM - PUBLIC INFO S		144.00	20
		15B 3/17 T.O.2016-01 CONVEYANCE STSTEM - PUBLIC INFO S		48.00	20
		16B 4/17 T.O.2016-01 CONVEYANCE SYSTEM - PUBLIC INFO S		85.60	20
		16B 4/17 T.O.2016-01 CONVEYANCE SYSTEM - PUBLIC INFO S		235.40	20
		16B 4/17 T.O.2016-01 CONVEYANCE SYSTEM - PUBLIC INFO S		2,354.00	20
		16B 4/17 T.O.2016-01 CONVEYANCE SYSTEM - PUBLIC INFO S		513.60	20
		16B 4/17 T.O.2016-01 CONVEYANCE SYSTEM - PUBLIC INFO S		171.20	20
		16B 4/17 T.O.2016-01 CONVEYANCE SYSTEM - PUBLIC INFO S		235.40	20
		16B 4/17 T.O.2016-01 CONVEYANCE SYSTEM - PUBLIC INFO S		85.60	20
		16B 4/17 T.O.2016-01 CONVEYANCE SYSTEM - PUBLIC INFO S		256.80	20
		16B 4/17 T.O.2016-01 CONVEYANCE SYSTEM - PUBLIC INFO S		299.60	20
		16B 4/17 T.O.2016-01 CONVEYANCE SYSTEM - PUBLIC INFO S		42.80	20
SHIMADZU SCIENTIFIC INSTRUMENT	20552		115.78		
MACHINERY AND EQUIP MAINT MATE		40333483 QTY 2 ROTOR, 8 PORT VALVE		115.78	18
SILICON VALLEY CLEAN WATER (EE	20553		250.00		
SUPPLIES		5192017 6/17 COMPENSATION-EMPLOYEE ANNIVERSARY		250.00	18
SILICON VALLEY CLEAN WATER (SA	20554		1,925.00		
ADMINISTRATIVE EXPENSES		5192017 6/17 SAFETY INCENTIVE		1,925.00	18

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STONERIDGE CJD CAPITAL	20555		39,013.44		
		5052017 2017 JEEP WRANGLER		34,809.80	14
		5052017 2017 JEEP WRANGLER		4,203.64	14
SUBURBAN PROPANE LP UTILITIES	20556		143.51		
		16440015521 5/10/17 PROPANE 19.8 GAL		130.69	18
		16440015521 5/10/17 PROPANE 19.8 GAL		2.03	18
		16440015521 5/10/17 PROPANE 19.8 GAL		10.79	18
SYNAGRO TECHNOLOGIES INC CONTRACT SERV. (NON-MAINT.)	20557		59,633.94		
		3102847 3/17 BIOSOLIDS HAULING		9,562.98	18
		3102847 3/17 BIOSOLIDS HAULING		50,070.96	18

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TANNER PACIFIC, INC.	20558		78,365.89		
PROFESSIONAL SERVICES		21623B 7/3-7/9/16 T.O.2016-03 CONSTRUCTION ADVISORY SV		-1,752.00	18
		21623C 7/3-7/9/16 T.O.2016-03 CONSTRUCTION ADVISORY SV		1,752.00	18
		21625B 7/10-7/16/16 T.O.2016-03 CONSTRUCTION ADVISORY		-2,311.50	18
		21625C 7/10-7/16/16 T.O.2016-03 CONSTRUCTION ADVISORY		2,311.50	18
		21628B 7/17-7/23/16 T.O.2016-03 CONSTRUCTION ADVISORY		-1,931.00	18
		21628C 7/17-7/23/16 T.O.2016-03 CONSTRUCTION ADVISORY		1,931.00	18
CONSTRUCTION-CONTRACTOR		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		784.00	20
		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		6,685.00	20
		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		1,424.00	20
		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		11,817.39	20
		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		6,063.00	20
		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		1,916.00	20
		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		54.00	20
		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		1,904.00	20
		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		4,670.90	20
		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		312.00	20
		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		16,668.13	20
		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		1,400.00	20
		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		14,405.47	20
		217034 4/23-5/6/17 T.O.2016-01 CONSTRUCTION MGMT VARIO		7,958.00	20
PROFESSIONAL SERVICES		217035 3/26-5/6/17 T.O.2016-03 CONSTRUCTION ADVISORY S		2,304.00	18
		216111B 9/25-12/31/16 T.O.2016-03 CONSTRUCTION ADVISOR		-1,590.00	18
		216111C 9/25-12/31/16 T.O.2016-03 CONSTRUCTION ADVISOR		1,590.00	18
		217009B 1/1-2/11/17 T.O.2016-03 CONSTRUCTION ADVISORY		-2,873.50	18
		217009C 1/1-2/11/17 T.O.2016-03 CONSTRUCTION ADVISORY		2,873.50	18
		217016B 2/12-2/25/17 T.O.2016-03 CONSTRUCTION ADVISORY		-3,960.00	18
		217016C 2/12-2/25/17 T.O.2016-03 CONSTRUCTION ADVISORY		3,960.00	18
		217023B 2/26-3/25/17 T.O.2016-03 CONSTRUCTION ADVISORY		-2,097.50	18
		217023C 2/26-3/25/17 T.O.2016-03 CONSTRUCTION ADVISORY		2,097.50	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
TELEDYNE INSTRUMENTS INC	20559		11,614.39		
SMALL TOOLS		S020178892 QTY 2 REFRIGERATED SAMPLER CONTROL PANEL		11,062.49	18
		S020178892 QTY 2 REFRIGERATED SAMPLER CONTROL PANEL		356.81	18
		S020178892 QTY 2 REFRIGERATED SAMPLER CONTROL PANEL		195.09	18
TELEPACIFIC COMMUNICATIONS	20560		9,900.33		
UTILITIES		906047220 5/9-6/8/17 TELEPACIFIC SERVICE		1,000.00	18
		906047220 5/9-6/8/17 TELEPACIFIC SERVICE		1,000.00	18
		906047220 5/9-6/8/17 TELEPACIFIC SERVICE		1,000.00	18
		906047220 5/9-6/8/17 TELEPACIFIC SERVICE		1,000.00	18
		906047220 5/9-6/8/17 TELEPACIFIC SERVICE		5,900.33	18
THE FERGUSON GROUP LLC	20561		1,707.19		
PROFESSIONAL SERVICES		317570 3/2017 PROFESSIONAL SERVICES		1,707.19	18
THOMAS FISH CO.	20562		126.00		
SUPPLIES		21689 QTY 110 RAINBOW TROUT FISHES		126.00	18
TIDEFLEX TECHNOLOGIES	20563		8,034.31		
MISCELLANEOUS		650386 QTY 2 FLANGE, QTY 1 DIAMONDSEAL NEOPRENE		8,034.31	18
TOTAL COMPENSATION SYSTEMS INC	20564		1,890.00		
PROFESSIONAL SERVICES		5404 GASB75 VALUATION SERVICES OPEB LIABILITY ACTUARIA		1,890.00	18
TOYOTA MATERIAL HANDLING	20565		72.58		
MACHINERY AND EQUIP MAINT MATE		B81180 QTY 2 ALARM PULSE PANEL		47.31	18
MISCELLANEOUS		B81180 QTY 2 ALARM PULSE PANEL		25.27	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
U.S. BANK CORPORATE PAYMENT SY	20566		9,779.40		
SUPPLIES		4242017BB1 3/23/17 SHAREPOINT HOSTING - WWW.APPS4RENT.		647.00	18
		4242017BB2 3/27/17 DNS RENEWAL DOMAIN - DYN.COM/CHARGE		85.00	18
		4242017BB3 4/5/17 ENGINEERING SW RENEWAL - TRIMBLE SKE		360.00	18
		4242017BB4 4/7/17 MOBILE TESTING IPADS - APPLE ONLINE		1,533.82	18
		4242017BB5 4/13/17 SERVICE CREDIT - MICROSOFT ONLINE		-1.29	18
		4242017BB6 4/14/17 MICROSOFT ONLINE SVC		160.00	18
		4242017BB7 4/19/17 ELECTRONICS STORAGE CABINETS - GLOB		1,045.55	18
		4242017BB8 4/21/17 MOBILE TESTING IPADS - APPLE ONLINE		656.41	18
		4242017BB9 4/21/17 MOBILE TESTING IPADS - APPLE ONLINE		656.41	18
MACH & EQUIP MAINT SERVICES		4242017DC1 3/29/17 COMPANY VEHICLE MTNC - OIL CHANGE T		150.33	18
SUPPLIES		4242017DC2 3/30/17 FUEL EXPENSE - PILOT		74.00	18
		4242017DC3 3/30/17 FUEL EXPENSE - MORTON'S		36.50	18
		4242017DC4 3/31/17 FUEL EXPENSE - LOVE S TRAVEL		73.00	18
		4242017DC5 4/1/17 FUEL EXPENSE - CHEVRON		34.00	18
		4242017DC6 4/3/17 FUEL EXPENSE - PHILLIPS 66		27.00	18
		4242017DC7 4/3/17 FUEL EXPENSE - MAVERIK		72.50	18
		4242017DC8 4/4/17 FUEL EXPENSE - PILOT		79.00	18
MEMB. & MEET.		4242017DC9 4/11/17 RECRUITING MEETING MEAL EXPENSE - S		150.00	18
CONF. & TRAV.		4242017DL1 4/4/17 SAFETY 2017 SEMINAR		675.00	18
SUPPLIES		4242017DL2 4/19/17 HAZARDOUS WASTE LABELS		286.62	18
MEMB. & MEET.		4242017EM1 3/29/17 MEMBERSHIP - CWEA R SANCHEZ		172.00	18
CONF. & TRAV.		4242017EM2 3/29/17 REGISTRATION FEE - CWEA 2017 CONFER		570.00	18
		4242017EM3 3/30/17 REGISTRATION FEE - CWEA 2017 CONFER		842.00	18
MACH & EQUIP MAINT SERVICES		4242017EM4 4/5/17 WATER HEATER REPAIR ADMIN BUILDING -		552.00	18
CONF. & TRAV.		4242017EM5 4/13/17 HOTEL EXPENSE - CWEA CONFERENCE D C		222.18	18
MEMB. & MEET.		4242017EM6 4/19/17 MEMBERSHIP RENEWAL - WEF M DALY		247.00	18
CONF. & TRAV.		4242017EM7 4/21/17 HOTEL EXPENSE - CWEA CONFERENCE BRU		222.18	18
TRAINING		4242017EM8 4/21/17 SUPERVISORS SAFETY SEMINAR - EB 9TH		85.98	18
SUPPLIES		4242017IS1 3/22/17 EVENT REFRESHMENTS-3/22 INTERVIEWS&		22.11	18
		4242017IS2 3/23/17 EVENT REFRESHMENTS - 3/23 COMMISSIO		43.10	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
U.S. BANK CORPORATE PAYMENT SY	20567		8,696.41		
TRAINING		4242017IS3 3/23/17 TRAINING SALES&USE TAX - C CHIU & S		398.00	18
		4242017IS4 3/23/17 TRAINING INTMD GOVT ACCT -C HUI, C		450.00	18
SUPPLIES		4242017IS5 3/24/17 APRIL 2017 MONTHLY SVCW MEETING		29.36	18
		4242017IS6 3/31/17 SVCW JACKETS FOR EMPLOYEES		453.20	18
OFFICE SUPPLIES		4242017IS7 4/4/17 OFFICE SUPPLIES - BINDING		111.42	18
SUPPLIES		4242017IS8 4/13/17 EVENT REFRESHMENTS - 4/13 COMMISSIO		9.21	18
OFFICE SUPPLIES		4242017IS9 4/18/17 SVCW LETTER HEAD & BUSINESS CARDS		281.65	18
TRAINING		4242017JF1 4/12/17 EDD SEMINAR		60.00	18
		4242017JF2 4/13/17 IPMAHR MGMT TEXTBOOK		199.29	18
		4242017JF3 4/14/17 IPMAHR 2017 PUBLIC SECTOR PROGRAM		999.00	18
SUPPLIES		4242017LB1 3/24/17 FASTRAK TOLL		160.00	18
MEMB. & MEET.		4242017LB2 4/1/17 PARKING FEE - DBIA FOR T HERRERA		100.00	18
SUPPLIES		4242017LB3 4/22/2017 FASTRAK TOLL		160.00	18
TRAINING		4242017MA1 4/3/17 4/17-7/17 APA TRAINING - C CHIU S GI		2,592.03	18
		4242017MA2 4/11/17 4/1/17-3/31/18 MEMBERSHIP RENEWAL -		310.00	18
MEMB. & MEET.		4242017MH1 3/22/17 SVCW ELECTRICIAN INTERVIEW LUNCHEON		150.50	18
CONF. & TRAV.		4242017MH2 3/27/17 BAAQMD MEETING - BART RT PASS MILLB		9.30	18
MACH & EQUIP MAINT SERVICES		4242017MH3 4/6/17 SVCW VEHICLE MTNC - WINSHIELD WIPERS		63.55	18
TRAINING		4242017RH1 4/7/17 ONLINE COURSE - NELAC R HAROONI		350.00	18
MEMB. & MEET.		4242017RH2 4/7/17 ANNUAL MEMBERSHIP - NELAC R HAROONI		75.00	18
		4242017RH3 4/7/17 ANNUAL MEMBERSHIP - NELAC E SALVATIE		75.00	18
		4242017RH4 4/7/17 ANNUAL MEMBERSHIP - NELAC M CALANOG		75.00	18
		4242017RH5 4/7/17 ONLINE COURSE - NELAC B WANDRO		350.00	18
		4242017RH6 4/7/17 ANNUAL MEMBERSHIP - NELAC M GAWAT		75.00	18
SUPPLIES		4242017RH7 4/7/17 ONLINE COURSE - NELAC		270.00	18
TRAINING		4242017RH8 4/7/17 ONLINE COURSE - NELAC M GAWAT		350.00	18
		4242017RH9 4/7/17 ONLINE COURSE - NELAC H CHIEN		350.00	18
MEMB. & MEET.		4242017TH1 3/28/17 DBIA DINNER		169.49	18
		4242017TH2 3/30/17 PARKING FEE - DBIA		12.00	18
		4242017TH3 3/31/17 FUEL EXPENSE - DBIA		8.41	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
U.S. BANK CORPORATE PAYMENT SY	20568		15,183.77		
MEMB. & MEET.		4242017TH4 3/31/17 MEAL EXPENSE - DBIA		40.42	18
SUPPLIES		4242017TH5 4/6/17 COMPANY VEHICLE MTNC		53.59	18
		4242017TH6 4/10/17 4/17-4/18 SW LICENSES FOR DROPBOX		6,170.00	18
		4242017BB10 4/21/17 MOBILE TESTING IPADS - APPLE ONLIN		656.41	18
		4242017BB11 4/21/17 MOBILE TESTING IPADS - APPLE ONLIN		656.41	18
		4242017BB12 4/21/17 MOBILE TESTING IPADS - APPLE ONLIN		656.41	18
		4242017DC10 4/14/17 FUEL EXPENSE - LOVES COUNTRY		33.50	18
		4242017DC11 4/14/17 FUEL EXPENSE - PILOT		44.50	18
		4242017DC12 4/16/17 FUEL EXPENSE - PILOT		60.50	18
		4242017DC13 4/17/17 FUEL EXPENSE - LOVE S COUNTRY		77.00	18
TRAINING		4242017IS10 4/19/17 FOOD FOR TRAINING - HACH-WIMS O&M		125.67	18
		4242017IS11 4/20/17 FOOD FOR TRAINING - HACH-WIMS O&M		127.00	18
MEMB. & MEET.		4242017RH10 4/7/17 ANNUAL MEMBERSHIP - NELAC H CHIEN		75.00	18
TRAINING		4242017RH11 4/7/17 ONLINE COURSE - NELAC E SALVATIERRA		350.00	18
		4242017RH12 4/7/17 ONLINE COURSE - NELAC M CALANOG		350.00	18
CONF. & TRAV.		4242017RH13 4/13/17 HOTEL EXPENSE ADV DEPOSIT - CWEA C		222.18	18
MEMB. & MEET.		4242017RH14 4/19/17 MEMBERSHIP - CWEA		172.00	18
TRAINING		4242017RH15 4/19/17 CERTIFICATION - CWEA		88.00	18
MISCELLANEOUS		4242017DL2TAX SALES TAX LIABILITY		-23.06	18
		4242017DM1TAX SALES TAX LIABILITY		-15.92	18
		4242017DM3TAX SALES TAX LIABILITY		-0.61	18
		4242017JD8TAX SALES TAX LIABILITY		-5.65	18
		4242017DM11TAX SALES TAX LIABILITY		-9.62	18
		4242017DM13TAX SALES TAX LIABILITY		-353.94	18
MACHINERY AND EQUIP MAINT MATE		4242017DM1 3/24/17 QTY 2 WEATHER GUARD 79172 PK SPRING		197.82	18
SMALL TOOLS		4242017DM10 4/3/17 QTY 2 FORGED SCAPER GRIP, QTY 2 FOR		47.79	18
		4242017DM10 4/3/17 QTY 2 FORGED SCAPER GRIP, QTY 2 FOR		39.08	18
MISCELLANEOUS		4242017DM11 4/4/17 QTY 1 STERILE 24" GLOVE XL - APHA M		131.52	18
		4242017DM12 4/6/17 QTY 2 LOW PRESSURE FLAME CHECK - M-		818.83	18
SMALL TOOLS		4242017DM13 4/14/17 QTY 1 SHEET METAL - VERSATUBE		4,398.94	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
U.S. BANK CORPORATE PAYMENT SY	20569		5,449.43		
MACHINERY AND EQUIP MAINT MATE		4242017DM14 4/21/17 QTY 1 - POLARIS PARTS - EAST BAY M		73.94	18
		4242017DM14 4/21/17 QTY 1 - POLARIS PARTS - EAST BAY M		348.07	18
SMALL TOOLS		4242017DM15 4/21/17 QTY 1 16G WET DRY VAC - SEARS		119.61	18
SUPPLIES		4242017DM2 3/27/17 QTY 1 VARIDESK ANTI-FATIGUE MAT - V		103.32	18
MISCELLANEOUS		4242017DM3 3/29/17 QTY 1 SYRINGE 60 CC LUER LOCK TIP S		7.60	18
		4242017DM4 QTY 8 DRANO LIQUID CLOG REMOVER - JET		47.20	18
SUPPLIES		4242017DM5 3/31/17 QTY 12 ANCHOR STRAPS - CMC RESCUE I		403.68	18
		4242017DM5 3/31/17 QTY 12 ANCHOR STRAPS - CMC RESCUE I		247.95	18
		4242017DM5 3/31/17 QTY 12 ANCHOR STRAPS - CMC RESCUE I		230.55	18
MACHINERY AND EQUIP MAINT MATE		4242017DM6 3/31/17 QTY 2 HINGE LIFT SUPPORTS -PEP BOYS		58.70	18
SUPPLIES		4242017DM7 3/30/17 QTY 1 FAUCET ADAPTOR DATAALCHEMY -		11.29	18
MISCELLANEOUS		4242017DM8 3/30/17 QTY 10 DRANO LIQUID CLOG REMOVER -		57.90	18
SUPPLIES		4242017DM9 4/3/17 QTY 15 CARABINER STEEL AUTO GLD - CM		1,109.25	18
		4242017JD10 4/20/17 QTY 1 TOUCHLESS EZ FAUCET PRO AUTO		48.01	18
		4242017JD10 4/20/17 QTY 1 TOUCHLESS EZ FAUCET PRO AUTO		7.43	18
MACHINERY AND EQUIP MAINT MATE		4242017JD11 4/24/17 QTY 1 POWER SUPPLY 12V LINEAR UNI		37.64	18
		4242017JD2CREDI US BANK CREDIT IN FULL FOR HOME DEPOT		-43.47	18
MISCELLANEOUS		4242017JD3 4/6/17 QTY 50 WATER - COSTCO		276.00	18
MACHINERY AND EQUIP MAINT MATE		4242017JD4 4/6/17 QTY 4 UNIDEN BT1005 CORDLESS PHONE B		21.51	18
		4242017JD4 4/6/17 QTY 4 UNIDEN BT1005 CORDLESS PHONE B		5.61	18
		4242017JD5 4/10/17 QTY 2 SHELVING - HOME DEPOT		66.81	18
SUPPLIES		4242017JD6 4/12/17 COFFEE SUPPLIES - COSTCO		69.96	18
MACHINERY AND EQUIP MAINT MATE		4242017JD7 4/14/17 QTY 1 COVER, BLACK PROTECTIVE SHADE		211.75	18
		4242017JD7 4/14/17 QTY 1 COVER, BLACK PROTECTIVE SHADE		18.00	18
		4242017JD8 4/18/17 QTY 8 CLAMPS, C, SS - STERITool INC		408.90	18
		4242017JD9 4/18/17 QTY 1 WRIGHT FORKLIFT HOPPER, CASTE		674.25	18
		4242017JD9 4/18/17 QTY 1 WRIGHT FORKLIFT HOPPER, CASTE		70.63	18
		4242017JD9 4/18/17 QTY 1 WRIGHT FORKLIFT HOPPER, CASTE		256.60	18
		4242017JD9 4/18/17 QTY 1 WRIGHT FORKLIFT HOPPER, CASTE		500.74	18

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
U.S. HEALTHWORKS MEDICAL GROUP PROFESSIONAL SERVICES	20570	3109590CA 4/20/17 PRE-EMPLOYMENT PHYSICAL - P AXIAQ	93.00	93.00	18
UNIVAR USA INC. CHEMICAL SUPPLIES	20571	SJ812903 5/1/17 4441.5322 GAL SOD BISULFITE SJ813956 5/4/17 4445 GAL SOD HYPO LIQUICHLOR	6,060.99	4,076.66 1,984.33	18 18
VALLEY OIL COMPANY MACHINERY AND EQUIP MAINT MATE	20572	38047 4/26/17 QTY 2 DRUMS HYDRAULIC OIL 38047 4/26/17 QTY 2 DRUMS HYDRAULIC OIL 38047 4/26/17 QTY 2 DRUMS HYDRAULIC OIL	1,164.48	5.98 40.00 559.25	18 18 18
MISCELLANEOUS		38047 4/26/17 QTY 2 DRUMS HYDRAULIC OIL		559.25	18
VALLEY OIL COMPANY (VEHICLE FU SUPPLIES	20573	456808 4/16-4/28/17 FUEL CHARGES COMPANY VEHICLES	852.65	852.65	18
VOLVO CONSTRUCTION EQUIPMENT & SMALL TOOLS	20574	N506000983 QTY 1 NEW DOOSAN AIR COMPRESSOR N506000983 QTY 1 NEW DOOSAN AIR COMPRESSOR	22,539.61	21,322.61 1,217.00	18 18
VWR INTERNATIONAL, LLC MACHINERY AND EQUIP MAINT MATE	20575	8048494997 LAB SUPPLIES	88.61	88.61	18
WATSON-MARLOW INC MISCELLANEOUS	20576	SI036345TAX SALES TAX LIABILITY SI036345 QTY 8 620 LOADSURE MARPRENE	861.02	-72.10 933.12	18 18
WELLS FARGO-COMML OPERATIONS INTEREST EXPENSES	20577	1710576141 LOC#7829596836 4/3-4/30/17 INTEREST-LINE OF 1710576141 LOC#7829596836 4/3-4/30/17 INTEREST-LINE OF 1710576141 LOC#7829596836 4/3-4/30/17 INTEREST-LINE OF 1710576141 LOC#7829596836 4/3-4/30/17 INTEREST-LINE OF	1,161.57	564.17 175.86 311.77 109.77	20 20 20 20

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
WESTECH	20578		80,311.29		
CAPITAL		62806 50% DUE FOR FABRICATION OF DISTRIBUTOR ARM, BIOD		72,528.09	14
		62806 50% DUE FOR FABRICATION OF DISTRIBUTOR ARM, BIOD		5,707.20	14
		62806 50% DUE FOR FABRICATION OF DISTRIBUTOR ARM, BIOD		976.00	14
		62806 50% DUE FOR FABRICATION OF DISTRIBUTOR ARM, BIOD		1,100.00	14
WHITLEY, BURCHETT AND ASSOCIAT	20579		36,269.07		
CONSTRUCTION-DESIGN		1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		1,487.01	20
		1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		14,870.11	20
		1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		540.73	20
		1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		3,244.39	20
		1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		1,622.19	20
		1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		540.73	20
		1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		270.38	20
		1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		1,892.56	20
		1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		1,081.46	20
		1648 3/17 T.O.2016-02 CONVEYANCE SYSTEM MGMT SVCS		1,487.01	20
CONST.-ADMIN. & LEGAL		1652 3/17 T.O.2016-03 SRF FINANCIAL SVCS		9,232.50	20

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NAME	WARRANT NUMBER	INVOICE #/DESCRIPTION	AMOUNT	DETAIL	FUND
WRA ENVIRONMENTAL CONSULTANTS	20580		6,008.03		
CONTRUCTION-DESIGN		201711629301 3/17 T.O.2015-03 BIOLOGICAL & PERMIT SVCS		259.98	20
		201711629301 3/17 T.O.2015-03 BIOLOGICAL & PERMIT SVCS		259.98	20
		201711629301 3/17 T.O.2015-03 BIOLOGICAL & PERMIT SVCS		259.98	20
		201711629301 3/17 T.O.2015-03 BIOLOGICAL & PERMIT SVCS		259.98	20
		201711629301 3/17 T.O.2015-03 BIOLOGICAL & PERMIT SVCS		259.96	20
		201711829302 3/17 T.O.2016-01 BIOLOGICAL & PERMIT SVCS		48.26	20
		201711829302 3/17 T.O.2016-01 BIOLOGICAL & PERMIT SVCS		72.39	20
		201711829302 3/17 T.O.2016-01 BIOLOGICAL & PERMIT SVCS		66.36	20
		201711829302 3/17 T.O.2016-01 BIOLOGICAL & PERMIT SVCS		66.36	20
		201711829302 3/17 T.O.2016-01 BIOLOGICAL & PERMIT SVCS		12.07	20
		201711829302 3/17 T.O.2016-01 BIOLOGICAL & PERMIT SVCS		84.46	20
		201711829302 3/17 T.O.2016-01 BIOLOGICAL & PERMIT SVCS		663.56	20
		201711829302 3/17 T.O.2016-01 BIOLOGICAL & PERMIT SVCS		144.78	20
		201711829302 3/17 T.O.2016-01 BIOLOGICAL & PERMIT SVCS		24.13	20
		201711829302 3/17 T.O.2016-01 BIOLOGICAL & PERMIT SVCS		24.13	20
		201711929303 3/17 T.O.2016-02 2017 CA RIDGWAY RAIL SUR		525.25	20
		201711929303 3/17 T.O.2016-02 2017 CA RIDGWAY RAIL SUR		525.24	20
		201711929303 3/17 T.O.2016-02 2017 CA RIDGWAY RAIL SUR		1,925.91	20
		201711929303 3/17 T.O.2016-02 2017 CA RIDGWAY RAIL SUR		525.25	20
ZUN ZUN	20581		1,500.00		
CONTRACT SERV. (NON-MAINT.)		4005 4/21/17-5/3/17 PUBLIC RELATIONS - WASTEWATER AWAR		1,500.00	18
TOTAL				\$2,906,345.07	

**WET SIDE REDUNDANT POWER IMPROVEMENTS (CIP #9806)
PROJECT ACCEPTANCE****ISSUE**

Final Acceptance of Wet Side Redundant Power Improvements Project (CIP #9806) and Authorization to File Notice of Completion.

BACKGROUND

The SVCW treatment plant requires a redundant electrical system to meet permit and treatment process requirements on a continuous basis. Due to the increasing demand on the existing power system, a Contract Change Order to the Power Reliability Improvements project was approved in 2013 to add power distribution facilities for the wet side treatment processes. Prior to that work, all electrical distribution facilities resided on the dry side of the plant in the Solids Handling Building. The Contract Change Order included installation of Power Distribution Panel 2 (PDP-2) on the concrete deck between the dual media filters. The Power Reliability Improvements Project was substantially completed on December 30, 2014 and was accepted by the Commission at the March 2015 meeting. PDP-2 did not have any standby power facilities associated with it, pending completion of a future demand load distribution plan.

During the summer months of 2015, SVCW staff and electrical engineering consultants completed the load distribution plan and, on November 12, 2015 the Commission accepted the bid of Bay City Electric Works for procurement of two additional 2000 kW standby generators to provide redundant power to PDP-2. The contract award for the two standby generators was \$1.63 million. Procurement of the standby generators was separate from installation due to the long lead time required to manufacture the generators. The generators were delivered in September 2016.

DISCUSSION

The installation design was completed by Brown and Caldwell and bid documents were publicly advertised on February 16, 2016. Four bids were received and on March 10, 2016 the installation construction contract was awarded to the lowest responsible bidder, Rodan Builders, Inc., in the amount of \$1,792,500. Work has been ongoing with satisfactory progress since the Notice to Proceed was issued on April 4, 2016.

The project consisted of the following work items:

- Demolition of the external support structure of Fixed Film Reactor (FFR) 4 and placement of a new slab above the existing FFR effluent channels including reconfiguration of the FFR floor to support the heavy generator load.
- Offloading, placement, and anchoring of the 2 new generators and enclosures
- Installation and connection of a load bank onto the DMF deck.
- Installation of circuit breakers, cable trays, conduits, and conductors from PDP2 to the new generators and to the load bank.
- Startup, testing and training for the new generators.

During the course of construction, SVCW authorized sixteen change orders for a total cost of \$147,897 or 8.5% of the original contract amount. The resultant total contract amount is \$1,940,397. The majority of changes were due to structural modifications needed once the external skeleton of FFR4 was removed and the necessary work identified. The installation work by Rodan Builders reached beneficial occupancy on February 22, 2017; the Substantial Completion certificate is attached. Work was completed to the satisfaction of the project manager and staff and, therefore, staff recommends the project be accepted and Notice of Completion for the project issued.

FINANCIAL IMPACT

The Wet Side Power Redundant Power Improvements project is funded from CIP Project #9806 and CIP Project #9401. The project costs are within the allocated budget for the work and the final contract amount to Rodan Builders for the Wet Side Redundant Power Improvements project is \$1,940,397.

RECOMMENDATION

Move approval to ACCEPT THE WET SIDE REDUNDANT POWER IMPROVEMENTS PROJECT (CIP# 9806) AND AUTHORIZE FILING NOTICE OF COMPLETION – RODAN BUILDERS, INC.

**Silicon Valley Clean Water
Wet Side Redundant Power Improvements - CIP# 9806
SUBSTANTIAL COMPLETION CERTIFICATE**

The following portions of the Wet Side Redundant Power Improvements project are accepted as Substantially Complete in accordance with Specification Sections 00700-8.6 and 00800-1.5, and as defined herein.

As of February 22, 2017, these portions of the Project are accepted:

1. All work on the Project except as noted below:
 - a. All work on the attached Punch List, dated February 22, 2017.

As of the above dates the following responsibilities are agreed to:

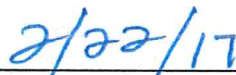
1. Authority:
 - a. The Authority assumes responsibility for security, maintenance (except as noted below), heat, utilities, damage to the Work (except as caused by the Contractor's actions) and insurance for the facilities.
2. Wet Side Redundant Power Improvements:
 - a. The Contractor shall maintain and provide proof of insurance as required by Specification Section 00800-3.1.4 for all work required to complete the Punch List and for five years following Final Completion as required by Specification Section 00800-3.2.
 - b. The Contractor shall be responsible for repairs or maintenance, as necessary, until the Contractor has submitted, and the Authority has accepted all Record Documents and Operation & Maintenance Manuals.
 - c. The Contractor shall work in an expeditious manner to complete the remaining work and administrative requirements on the Project including the items on the Punch List, dated February 22, 2017.

The one year (365 Calendar Days) warranty for the accepted Work shall commence per Specification Section 01740-1.0 on the date of Acceptance by Silicon Valley Clean Water.

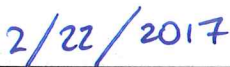
The undersigned hereby acknowledge agreement to the above provisions:



Accepted By (Rodan Builders, Inc.):
Dan Oliver, Project Manager


Date

Recommended By (Tanner Pacific, Inc.):
Evan Currie, P.E., Construction Manager


Date

**CONSIDERATION OF REVISING ADMINISTRATIVE POLICY 1988-05
PROHIBITION OF DISCRIMINATION, HARASSMENT AND RETALIATION,
REVISION D**

ISSUE

Adopt and Approve Revision “D” of Administrative Policy 1988-05 “Prohibition of Discrimination, Harassment and Retaliation.”

BACKGROUND

SVCW Administrative Policy 1988-05 was established to explicitly define all forms of discrimination and harassment and provide the necessary steps for investigating and resolving any complaints.

DISCUSSION

The current version of the Administrative Policy was originally approved in 1988 with the policy being updated as there were changes to the law. This revised policy reflects SVCW’s zero tolerance level for any conduct that is in violation of the policy, clarifies additional protected classifications, policy coverages, discrimination and retaliation against towards the person filing the complaint or in the complaint process.

The SVCW Manager recommends approval of SVCW Administrative Policy 1988-05, Revision D, dated June 8, 2017. A copy of the policy is attached to this staff report.

FINANCIAL IMPACT

There are no direct financial impacts to this action.

RECOMMENDATION

Move adoption of RESOLUTION APPROVING AND ADOPTING ADMINISTRATIVE POLICY 1988-05 REV. D, PROHIBITION OF DISCRIMINATION, HARASSMENT AND RETALIATION

Approved by the SVCW Commission, June 8, 2017. Resolution No. SVCW 17-XX

SUBJECT: PROHIBITION OF DISCRIMINATION, HARASSMENT AND RETALIATION

RELATED POLICIES:

SBSA House Rules

Guideline for Disciplinary Procedures

PURPOSE:

The purpose of this Policy is to: establish a strong commitment to prohibit and prevent discrimination, harassment, and retaliation in employment; to define those terms; and to set forth a procedure for investigating and resolving internal complaints. The employer encourages all covered individuals to report—as soon as possible—any conduct that is believed to violate this Policy.

POLICY:

The employer has zero tolerance for any conduct that violates this Policy. Conduct need not rise to the level of a violation of law to violate this Policy. A single act can violate this Policy and provide grounds for discipline or other appropriate sanctions.

Harassment or discrimination against an applicant, unpaid intern, volunteer, or employee by a supervisor, management employee, elected or appointed official, co-worker, member of the public, or contractor on the basis of race, religion, color, sex (including gender, gender identity, gender expression, transgender, pregnancy, and breastfeeding), national origin, ancestry, citizenship status, disability, medical condition, genetic characteristics or information, marital status, age, sexual orientation (including homosexuality, bisexuality, or heterosexuality), military or veteran status, or any other protected classification as defined below, will not be tolerated.

This Policy applies to all terms and conditions of employment, including, but not limited to, hiring, placement, promotion, disciplinary action, layoff, recall, transfer, leave of absence, compensation, and training.

Disciplinary action or other appropriate sanction up to and including termination will be instituted for prohibited behavior as defined below.

Any retaliation against a person for filing a complaint or participating in the complaint resolution process is prohibited. Individuals found to be retaliating in violation of this Policy will be subject to appropriate sanction or disciplinary action up to and including termination.

Definitions

- A. Protected Classifications: This Policy prohibits harassment or discrimination because of an individual's protected classification. "Protected Classification" includes race, religion, color, sex (including gender, gender identity, gender expression, transgender, pregnancy, and breastfeeding), national origin, ancestry, citizenship status, disability, medical condition, genetic characteristics or information, marital status, age, sexual orientation (including homosexuality, bisexuality, or heterosexuality), and military or veteran status..
- B. Policy Coverage: This Policy prohibits the employer, elected or appointed officials, employees, or contractors from harassing or discriminating against applicants, officials, employees, unpaid interns, volunteers, or contractors because of: 1) an individual's protected classification; 2) the perception that an individual has a protected classification; or 3) the individual associates with a person who has or is perceived to have a protected classification.
- C. Discrimination: This policy prohibits treating individuals differently because of the individual's protected classification as defined in this Policy.
- D. Harassment may include, but is not limited to, the following types of behavior that is taken because of a person's protected classification. Note that harassment is not limited to conduct that employer's employees take. Under certain circumstances, harassment can also include conduct taken by those who are not employees, such as elected officials, appointed officials, persons providing services under contracts, or even members of the public:
 - (1) Speech, such as epithets, derogatory comments or slurs, and propositioning on the basis of a protected classification. This might include inappropriate comments on appearance, including dress or physical features, or dress consistent with gender identification, or race-oriented stories and jokes.
 - (2) Physical acts, such as assault, impeding or blocking movement, offensive touching, or any physical interference with normal work or movement. This includes pinching, grabbing, patting, propositioning, leering, or making explicit or implied job threats or promises in return for submission to physical acts.
 - (3) Visual acts, such as derogatory posters, cartoons, emails, pictures, or drawings related to a protected classification.
 - (4) Unwanted sexual advances, requests for sexual favors and other acts of a sexual nature, where submission is made a term or condition of employment, where submission to or rejection of the conduct is used as the basis for employment decisions, or where the conduct is intended to or actually does unreasonably interfere with an individual's work performance or create an intimidating, hostile, or offensive working environment.
- E. Guidelines for Identifying Harassment: To help clarify what constitutes harassment in violation of this Policy, use the following guidelines:
 - 1. Harassment includes any conduct which would be "unwelcome" to an individual of the recipient's same protected classification and which is taken because of the recipient's protected classification.

2. It is no defense that the recipient appears to have voluntarily "consented" to the conduct at issue. A recipient may not protest for many legitimate reasons, including the need to avoid being insubordinate or to avoid being ostracized.
 3. Simply because no one has complained about a joke, gesture, picture, physical contact, or comment does not mean that the conduct is welcome. Harassment can evolve over time. The fact that no one is complaining now does not preclude anyone from complaining if the conduct is repeated in the future.
 4. Even visual, verbal, or physical conduct between two individuals who appear to welcome the conduct can constitute harassment of a third individual who observes the conduct or learns about the conduct later. Conduct can constitute harassment even if it is not explicitly or specifically directed at an individual.
 5. Conduct can constitute harassment in violation of this Policy even if the individual engaging in the conduct has no intention to harass. Even well-intentioned conduct can violate this Policy if the conduct is directed at, or implicates a protected classification, and if an individual of the recipient's same protected classification would find it offensive (e.g., gifts, over attention, endearing nicknames).
- F. Retaliation: Any adverse conduct taken because an applicant, employee, or contractor has reported harassment or discrimination, or has participated in the complaint and investigation process described herein, is prohibited. "Adverse conduct" includes but is not limited to: taking sides because an individual has reported harassment or discrimination, spreading rumors about a complaint, shunning and avoiding an individual who reports harassment or discrimination, or real or implied threats of intimidation to prevent an individual from reporting harassment or discrimination. The following individuals are protected from retaliation: those who make good faith reports of harassment or discrimination, those who associate with an individual who is involved in reporting harassment or discrimination, and those who participate in the complaint or investigation process.

PROCEDURE:

- (A) An employee, job applicant, unpaid intern, volunteer, or contractor who believes he or she has been harassed may make a complaint verbally or in writing with any of the following. There is no need to follow the chain of command:
- 1) Immediate supervisor;
 - 2) Any supervisor, director or manager within or outside of the department;
 - 3) Department head; or
 - 4) Human Resources.
- (B) Any supervisor, director or department head who receives a harassment complaint should notify Human Resources immediately.
- (C) Upon receiving notification of a harassment complaint, Human Resources shall:
- 1) Provide the complainant with a timely response indicating that the complaint has been received and that a fair, timely, and thorough investigation will be conducted.

- 2) Timely authorize and supervise a fair and thorough investigation of the complaint by impartial and qualified personnel and/or investigate the complaint. The investigation will afford all parties with appropriate due process and include interviews with: 1) the complainant; 2) the accused harasser; and 3) other persons who have relevant knowledge concerning the allegations in the complaint.
 - 3) Review the factual information gathered through the investigation to reach a reasonable conclusion as to whether the alleged conduct constitutes harassment, discrimination, or retaliation giving consideration to all factual information, the totality of the circumstances, including the nature of the conduct, and the context in which the alleged incidents occurred.
 - 4) Timely report a summary of the determination as to whether harassment occurred to appropriate persons, including the complainant, the alleged harasser, the supervisor/director, and the department head. If discipline is imposed, the level of discipline will not be communicated to the complainant.
 - 5) If conduct in violation of this Policy occurred, take or recommend to the appointing authority prompt and effective remedial action. The remedial action will be commensurate with the severity of the offense.
 - 6) Take reasonable steps to protect the complainant from further harassment, discrimination, or retaliation.
 - 7) Take reasonable steps to protect the complainant from retaliation as a result of communicating the complaint.
- (D) The employer takes a proactive approach to potential Policy violations and will conduct an investigation if its supervisors, directors or managers become aware that harassment, discrimination, or retaliation may be occurring, regardless of whether the recipient or third party reports a potential violation.
- (E) Option to report to outside administrative agencies: An individual has the option to report harassment, discrimination, or retaliation to the U.S. Equal Employment Opportunity Commission (EEOC) or the California Department of Fair Employment and Housing (DFEH). These administrative agencies offer legal remedies and a complaint process. The nearest offices are listed in the government section of the telephone book or employees can check the posters that are located on employer bulletin boards for office locations and telephone numbers.

Confidentiality

Every possible effort will be made to assure the confidentiality of complaints made under this Policy. Complete confidentiality cannot occur, however, due to the need to fully investigate and the duty to take effective remedial action. As a result, confidentiality will be maintained to the extent possible. An individual who is interviewed during the course of an investigation is prohibited from discussing the substance of the interview, except as otherwise directed by a supervisor or Human Resources. Any individual who discusses the content of an investigatory interview will be subject to discipline or other appropriate sanction. The employer will not disclose a completed investigation report except as it deems necessary to support a disciplinary action, to take remedial action, to defend itself in adversarial proceedings, or to comply with the law or court order.

RESPONSIBILITY:

EMPLOYEE

1. Treating all employees and contractors with respect and consideration.
2. Modeling appropriate behavior.
3. Participating in periodic training.
4. Fully cooperating with the employer's investigations by responding fully and truthfully to all questions posed during the investigation.
5. Maintaining the confidentiality of any investigation that the employer conducts by not disclosing the substance of any investigatory interview, except as directed by the department head or Human Resources.
6. Reporting any act he or she believes in good faith constitutes harassment, discrimination, or retaliation as defined in this Policy, to his or her immediate supervisor, director or department head, or Human Resources.

SUPERVISOR, DIRECTOR, MANAGER

1. Informing employees of this Policy.
2. Modeling appropriate behavior.
3. Taking all steps necessary to prevent harassment, discrimination, or retaliation from occurring.
4. Receiving complaints in a fair and serious manner, and documenting steps taken to resolve complaints.
5. Monitoring the work environment and taking immediate appropriate action to stop potential violations, such as removing inappropriate pictures or correcting inappropriate language.
6. Following up with those who have complained to ensure that the behavior has stopped and that there are no reprisals.
7. Informing those who complain of harassment or discrimination of his or her option to contact the EEOC or DFEH regarding alleged Policy violations.
8. Assisting, advising, or consulting with employees and Human Resources regarding this Policy and Complaint Procedure.
9. Assisting in the investigation of complaints involving employee(s) in their departments and, if the complaint is substantiated, recommending appropriate corrective or disciplinary action in accordance with employer Policies, up to and including discharge.
10. Implementing appropriate disciplinary and remedial actions.
11. Reporting potential violations of this Policy of which he or she becomes aware, regardless of whether a complaint has been submitted, to the Human Resources Department or the department head.
12. Participating in periodic training and scheduling employees for training.

Dissemination of Policy

All employees shall receive a copy of this Policy when they are hired. The Policy may be updated from time to time and redistributed with a form for the employee to sign and return acknowledging that the employee has received, read, and understands this Policy.

ADMINISTRATIVE POLICY NO. 1988-05

REV: D REV DATE: 06/08/2017

ISSUE DATE: 10/19/1988

SUBJECT: PROHIBITION OF DISCRIMINATION AND HARASSMENT

ACKNOWLEDGEMENT OF POLICY RECEIPT

By my signature below, I confirm that I have received, read, understand, and will comply with SVCW's PROHIBITION OF DISCRIMINATION AND HARASSMENT Policy. If I have any questions about the policy, I will promptly seek clarification or guidance from my supervisor, Director, Department Manager or the SVCW Manager.

Date

Signature

Printed Name

Please return this signed confirmation to the SVCW Human Resources Department.

This document will be filed in your personnel file and a copy will be provided for you.

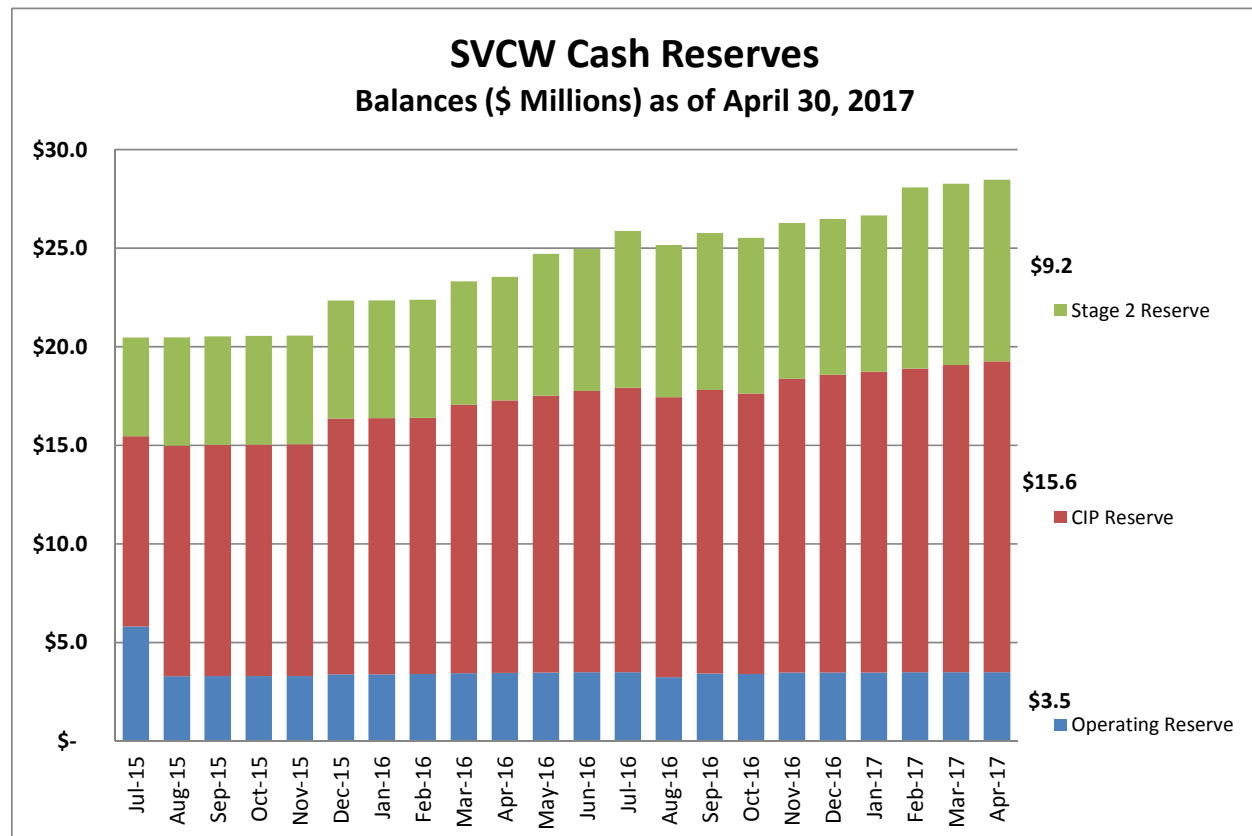
SILICON VALLEY CLEAN WATER RESERVE FUND POLICY AND PROCEDURES**ISSUE**

Review and update Silicon Valley Clean Water (SVCW) Reserve Fund Policy.

BACKGROUND

In August 2013, SVCW adopted a Reserve Fund Policy and Procedures to formally establish operating and capital reserve funds that protect the fiscal solvency of the agency. There are three separate reserve funds:

1. The Annual Operations and Capital Budget Reserve Fund has a \$3.5 million balance as of April 30, 2017, and protects Member Agencies from unexpectedly needing to contribute further funds towards unbudgeted operating or capital expenditures.
2. The Capital Improvement Program Reserve Fund has a \$15.6 million balance as of April 30, 2017 meeting loan requirements for fund reserves and eventually reducing SVCW's need to borrow, by gradually setting aside funds for future capital improvement projects.
3. The Stage 2 Capacity Reserve Fund has a \$9.2 million balance as of April 30, 2017. This fund holds all proceeds generated from sewer connection fees and may only be spent on capital projects that expand SVCW's operational capacity.



DISCUSSION

No amendments to the Reserve Fund policy have been made since its original adoption. Recommended changes are set forth in the attached *Rev: A of Administrative Policy No. 2013-03 (Rev Date: 06/08/2017)* and are limited to replacing references to South Bayside System Authority with the current name Silicon Valley Clean Water, and to make certain improvements to syntax.

RECOMMENDATION

Move adoption of RESOLUTION APPROVING AND ADOPTING REVISION A TO ADMINISTRATIVE POLICY 2013-03 ESTABLISHING SILICON VALLEY CLEAN WATER'S RESERVE FUND POLICY AND PROCEDURES

Rev: A**Rev Date: 06/08/2017****ISSUE DATE: 08/08/2013**

Approved by SVCW Commission at Meeting of June 8, 2017 by Resolution SVCW 17-30

SUBJECT: SVCW Reserve Fund Policy and Procedures**PURPOSE**

In order to prudently protect the fiscal solvency of the Authority, it is important to maintain a minimum level of reserves. Reserves are important to mitigate the negative impact of revenue shortfalls from economic fluctuations, to fund unforeseen expense requirements, to provide stable rates for member entities, to fund future long term capital needs, and to provide a minimum level of cash to avoid the need to borrow and pay interest for cash management purposes.

Silicon Valley Clean Water (SVCW) historically maintained minimum reserve levels when reaching budgetary decisions. However, it is the desire of the SVCW Commission to develop a written policy establishing target minimum reserve levels that encourage both the Commission and staff to focus on this important fiscal consideration to ensure the continued fiscal stability of the Authority.

This policy mandates the minimum reserve levels necessary to maintain credit worthiness and to adequately provide for:

- Economic certainty during financial hardships or downturns in the local, state or national economy;
- Economic certainty in the event of local disasters or catastrophic events;
- Coverage of debt reserve requirements
- Coverage for capital obligations;
- Cash flow requirements;
- Rate stability and;
- Legal requirements.

POLICY

The Authority shall maintain reserve balances for the Annual Operations Budget, the Capital Equipment Replacement Fund, the Capital Improvement Program Fund and the Stage 2 Capacity Expansion Fund. The Authority shall target the minimum reserve level and funding sources for each of the four funds as follows:

- **ANNUAL OPERATIONS AND CAPITAL BUDGET RESERVE FUND**

The Annual Operations and Capital Budget Reserve Fund shall be maintained at a minimum balance of Ten Percent (10%) of the approved annual Operations and Capital budgeted Authority expenses, plus One Million Dollars (\$1,000,000.00). This fund will allow for continued operation in times of local, regional, state or national crisis or for unbudgeted, unexpected operational, maintenance or capital expenses approved by the SVCW Commission on a case by case basis.

Funding for the Annual Operations and Capital Budget Reserve Fund will be funded by each member agency in an amount equal to their percentage of capacity ownership in the SVCW. The reserve shall be funded to its minimum balance at the beginning of each fiscal year as part of the annual budget process. Any reserve balance will be available for spending on unanticipated, unbudgeted operating and maintenance or capital expenses approved by the Commission during that fiscal year. Any balance in excess of the 10% plus \$1,000,000 reserve level, at the end of the fiscal year, shall be used to offset the upcoming year's share of the Annual Operations Budget for each member agency in an amount equal to their percentage of capacity ownership in the SVCW. All interest derived from the fund balance shall be credited to this fund.

- **CAPITAL IMPROVEMENTS PROGRAM RESERVE FUND**

The Capital Improvement Program Reserve Fund shall be funded in an amount equal to the annual calculated depreciation of the SVCW facilities to meet the long term needs of replacing the capital assets when their useful life has been met. This will allow most major expenses in the future, related to the facilities reaching the end of their useful life, to be paid for on a "pay as you go" basis and limit the need for borrowing. However, since there is no inflationary portion added to the depreciation, there will likely be the need to borrow some funds to complete major facility replacement at some point in the future. This fund shall also provide funding, as available, for required plant improvements mandated by regulatory changes. This fund will maintain the dedicated minimum debt service amounts required by State Revolving Fund loans and other CIP loans not held in escrow.

Funding for the Capital Improvement Program Reserve Fund will be funded by each member agency in an amount equal to their percent of capacity ownership in the SVCW and will be contributed in addition to and at the same time as the member entity's monthly Annual Operating Budget payments. There is no limit to the amount of funds that can accumulate in this fund. All interest derived from the fund balance shall be credited to this fund.

- **STAGE 2 CAPACITY FUND**

The Stage 2 Capacity Fund shall be utilized to pay for capital projects that increase the treatment capacity of the SVCW facilities. The fund shall be a "pay as you go" fund that derives income from fees paid by new customers to buy capacity for the use of the SVCW facilities. Projects to enhance capacity will be built when there are adequate cash reserves to fund the project or at the discretion of the SVCW Commission.

Payments will be made in accordance with the requirements of the SVCW Joint Powers Agreement (JPA) for new connections to the system. There is no limit to the amount of funds

that can accumulate in this fund. All interest derived from the fund balance shall be credited to this fund.

IMPLEMENTATION

- **ANNUAL OPERATIONS AND CAPITAL BUDGET RESERVE FUND**

Initial funding for the Annual Operations and Capital Budget Reserve was funded from current reserves in the amount of Three Million Two Hundred Forty Thousand Dollars (\$3,240,000) upon adoption of this policy, and shall be adjusted annually to maintain the minimum balance required as part of the annual budget process.

- **CAPITAL IMPROVEMENTS PROGRAM RESERVE FUND**

Initial funding for the Capital Improvement Program Reserve Fund was funded with the balance of available funds in the current Fund 14 and Fund 17 and non- operating funds in Funds 11 and 18. The balance of these funds, less \$3,240,000 (initial funding for the Annual Operations and Capital Budget Reserve) is approximately Twelve Million Four Hundred Thousand Dollars \$(12,400,000) as of June 30, 2013.

Each fiscal year, beginning in Fiscal Year 2014-2015 an amount of One Million Dollars (\$1,000,000) shall be budgeted and added to the Capital Improvements Reserve Fund as part of the annual budget process. This is done to increase the balance to meet expected State Revolving Fund reserve requirements.

In order to address the goal of funding the depreciation of the SVCW facilities over the life of the facilities, the annual contribution of \$1,000,000 will be increased, beginning in Fiscal Year 2020–2021, by Five Hundred Thousand Dollars (\$500,000) per fiscal year, each fiscal year until the annual contribution equals the annual depreciation. The annual contribution, once equivalent to the annual depreciation, shall continue to be made in an amount equal to the annual depreciation each fiscal year as part of the annual budget process.

Funds required to be held in reserve for State Revolving Funds or Bonds shall be deposited to the Capital Improvements Program Reserve Fund once the loans are paid off and shall not be used to pay the final payments for said loans.

- **STAGE 2 CAPACITY FUND**

Funding for the Stage 2 Capacity Fund is established and shall continue in accordance with the SVCW Joint Powers Agreement (JPA).

- **GENERAL POLICY PRACTICES**

All reserves will be reviewed by SVCW Finance Department and SVCW Controller at least annually to verify the organization is in compliance with this policy and a report will be presented to the SVCW Commission as part of the annual budget approval process.

The reserve funds will be invested in accordance with the investment policy adopted by the SVCW Commission.

Transfers between the reserve funds will be made only at the direction of the SVCW Commission

Except in the case of emergency as defined by the Silicon Valley Clean Water JPA, the spending of reserves will be approved in advance by the SVCW Commission.

COPY

**CONSIDERATION OF REVISING ADMINISTRATIVE POLICY 1984-01
MANAGEMENT PERFORMANCE, COMPENSATION AND ANNUAL
PERFORMANCE INCENTIVE PAYMENT, REVISION E**

ISSUE

Adopt and Approve Revision “E” of Administrative Policy 1984-01 “Management Performance, Compensation and Annual Performance Incentive Payment.”

BACKGROUND

SVCW Administrative Policy 1984-01 was established to define the procedure for compensation, employee development and award of an annual Performance Incentive Payment.

DISCUSSION

The current version of the was originally approved in 1984 with the policy being updated as there were changes in employment law, CalPERS regulations or needs specific to the Authority. The proposed revision is in response to the need for clarification of the application of the Performance Incentive Pay Program to and establishing its inclusion in the overall Management Compensation program.

The SVCW Manager recommends approval of SVCW Administrative Policy 1984-01, Revision E, dated June 8, 2017. A copy of the updated policy is attached to this staff report.

FINANCIAL IMPACT

There are no direct financial impacts to this action as the update is strictly clarifying language.

RECOMMENDATION

Move adoption of RESOLUTION APPROVING AND ADOPTING REVISION E TO ADMINISTRATIVE POLICY 1984-01, ESTABLISHING MANAGEMENT PERFORMANCE COMPENSATION AND ANNUAL PERFORMANCE INCENTIVE PAYMENT

Rev: E**Rev. Date: 06/08/2017****Issue Date: 03/06/1984**

Subject: MANAGEMENT PERFORMANCE, COMPENSATION AND ANNUAL PERFORMANCE INCENTIVE PAYMENT

Approved by the SVCW Commission, June 8, 2017 by Resolution No. SVCW 17-XX

PURPOSE

The purpose of this policy is to establish guidelines for annual analysis of management employees in relation to the Management Employee Professional and Personal Development Plan included as Attachment "A" to this policy, salary review and adjustments, and payment of annual Performance Incentive Pay Program payments in relation to the Performance Incentive Pay Program included as Attachment "B" to this policy. This policy applies to all SVCW management positions as defined per SVCW Resolution No. 77-6.

PROCEDURE

SVCW Salary Ranges are established by Resolution of the Commission on an annual fiscal year basis and are reviewed as part of the annual budget approval process.

MANAGEMENT EMPLOYEE PROFESSIONAL AND PERSONAL DEVELOPMENT PLAN

The Manager will complete annual Management Employee Professional and Personal Development Plan analyses of the Department Managers; Department Managers will complete annual Management Employee Professional and Personal Development Plan analyses of Department Directors; and Department Directors will complete annual Management Employee Professional and Personal Development Plan analyses of Supervisors.

The Manager will review annual Management Employee Professional and Personal Development Plan analyses and approve salary adjustments. The Manager will make any resulting salary adjustments effective upon the first pay period of each fiscal year.

PERFORMANCE INCENTIVE PROGRAM

When applicable, a Performance Incentive will be given to qualified management employees who demonstrate superior performance of their duties during the prior year. The Performance Incentive Payment shall not exceed ten percent of the employee's annual salary. The amount of the annual Performance Incentive Payment shall be determined on an individual basis by and at the sole discretion of the SVCW Manager, based upon criteria established in the rating system utilized by the Authority and attached to this policy. The SVCW Commission has the authority to suspend the Performance Incentive as part of the budget approval process on an annual basis.

The Performance Incentive Payment shall be paid in the last payroll cycle of the fiscal year.

EVALUATION CRITERIA

The SVCW Manager shall evaluate all SVCW Department Managers, Directors and Supervisors on individual performance in compliance with the Performance Incentive Pay Program included as Attachment “B” to this policy.

DRAFT

Silicon Valley Clean Water

MANAGEMENT EMPLOYEE PROFESSIONAL AND PERSONAL DEVELOPMENT

 EMPLOYEE NAME - POSITION

This Form is used to provide direct feedback to management employees regarding their development as it pertains to job and personal expectations for both professional and specific personal development. Comments should be included that support the evaluator's rating. Ratings should be based on the following schedule:

Superior (2 points)	-	Consistently Demonstrates Superior efforts and accomplishments to meet and exceed in a specific area of employment and interpersonal development
Exceeds Standard (1 point)	-	Routinely Demonstrates the efforts and accomplishments to meet and exceed in a specific area of employment and interpersonal development
Standard (0 points)	-	Routinely meets a specific area of employment and interpersonal development
Needs Improvement (-1 point)	-	Meets some, but not all specific areas of employment and interpersonal development and improvement is needed
Not Acceptable (-2 points)	-	Not meeting specific areas of employment and interpersonal development and major improvement is required

I. JOB EXPECTATIONS

- Responsibility:** *Overall Health & Safety of Responsible Area – Demonstrates and expands the culture of safety; promotes safe work habits by example; actively participates in safety training programs; practices safe behavior and promptly reports hazardous conditions, accidents, injuries, unsafe practices or behaviors, close calls, threatening behaviors, and emergencies to Management; works in compliance of policies, procedures, practices, programs and applicable Cal/OSHA regulations; uses appropriate personal protective equipment (PPE) and ensures safety devices are in place; maintains a clean work environment in daily work assignments.*

Rating: ☐ Superior/Outstanding ☐ Exceeds Standard ☐ Standard ☐ Needs Improvement ☐ Not Acceptable

(2)

(1)

(0)

(-1)

(-2)

Comments:

2. **Responsibility:** *Leadership – “Leads by example” and projects confidence in self and others; others; inspires respect and trust; reacts well under pressure; sets clear goals and expectations for yourself; effectively maintains quality in work; pursues professional and personal development; and shares responsibility with staff.*

Rating: ☐ Superior/Outstanding (2) ☐ Exceeds Standard (1) ☐ Standard (0) ☐ Needs Improvement (-1) ☐ Not Acceptable (-2)

Comments:

3. **Responsibility:** *Judgment & Decision Making – exercises good judgment; seeks out and analyzes alternatives and options when making decisions or recommendations; acts in the best interest of SVCW secures relevant information to make reasoned decisions; demonstrates flexibility when new information is provided or conditions change; consistently applies appropriate procedures and industry best practices.*

Rating: ☐ Superior/Outstanding (2) ☐ Exceeds Standard (1) ☐ Standard (0) ☐ Needs Improvement (-1) ☐ Not Acceptable (-2)

Comments:

4. **Responsibility:** *Communication – effectively expresses ideas and thoughts orally and in written form; selects and uses appropriate communication methods; maintains good working relationships with others; open and responsive to staff; displays friendly and approachable interactions; exhibits good listening and comprehension.*

Rating: ☐ Superior/Outstanding (2) ☐ Exceeds Standard (1) ☐ Standard (0) ☐ Needs Improvement (-1) ☐ Not Acceptable (-2)

Comments:

5. **Responsibility:** *Planning and Organizing – effectively uses personal and professional resources to meet SVCW objectives; evaluates administrative needs and formulates plans to meet those needs; looks forward to the needs of SVCW and minimizes the occurrence of “emergency” situations; effectively handles numerous and simultaneous demands; schedules time and sets priorities effectively and completes assignments on time.*

Rating: ☐ Superior/Outstanding ☐ Exceeds Standard ☐ Standard ☐ Needs Improvement ☐ Not Acceptable

(2)

(1)

(0)

(-1)

(-2)

Comments:

6. **Responsibility:** *Interpersonal Skills – seeks out, recognizes and respects the importance of unique perspectives, feelings and needs of others; defuses tense situations and exercises effective conflict-resolution techniques; works harmoniously with others; promotes positive relations with work force, co-workers; accepts personal, and provides, constructive criticism to encourage the growth of all; and keeps others adequately informed of key issues.*

Rating: ☐ Superior/Outstanding ☐ Exceeds Standard ☐ Standard ☐ Needs Improvement ☐ Not Acceptable

(2)

(1)

(0)

(-1)

(-2)

Comments:

7. **Responsibility:** *Technical and Administrative Knowledge – maintains current and up to date knowledge and implements standards of practice and techniques relevant to areas of responsibility; proficient in computer technology as it relates to areas of responsibility; sufficient knowledge of applicable employment laws, policies and procedures; and effectively utilizes administrative resources.*

Rating: ☐ Superior/Outstanding ☐ Exceeds Standard ☐ Standard ☐ Needs Improvement ☐ Not Acceptable

(2)

(1)

(0)

(-1)

(-2)

Comments:

8. **Responsibility:** *Housekeeping – develops, implements and maintains an effective program for insuring cleanliness, organization and appearance of SVCW facilities; insures supervised/managed employees maintain cleanliness, organization and appearance of their work areas; insures that accidental spills or overflows are cleaned up in a timely manner and do not create a visual or physical obstruction/hazard.*

Rating: ☐ Superior/Outstanding ☐ Exceeds Standard ☐ Standard ☐ Needs Improvement ☐ Not Acceptable

(2)

(1)

(0)

(-1)

(-2)

Comments:

9. **Responsibility:** *Budget Performance – maintains sufficient knowledge of relevant standards of practice governing SVCW and/or Division and effectively utilizes administrative resources; demonstrate specific tactics to improve systems and save costs; demonstrate prudent judgement in development of reasonable and achievable budgets; Anticipate and implement needed expenditures for the effective and efficient operation of responsible area:*

Rating: ☐ Superior/Outstanding ☐ Exceeds Standard ☐ Standard ☐ Needs Improvement ☐ Not Acceptable

(2)

(1)

(0)

(-1)

(-2)

Comments:

II. OVERALL RATING – Overview of the complete evaluation for the review period. The results need not be an average of the above categories as there may be more weight to one thing or the other for the year and the individual. Variations of significance must be explained by written comments in the Specific Rating Area and summarized in the Overall Rating Statement below. (The ratings above and the "Overall Rating" are not included in the Performance Incentive Pay Evaluation and Calculation)

Rating: ☐ Superior/Outstanding ☐ Exceeds Standard ☐ Standard ☐ Needs Improvement ☐ Not Acceptable

OVERALL RATING STATEMENT:

III. COMMENTS

Employee: _____

Department Manager: _____

SVCW Manager: _____

IV. SIGNATURES

Employee

Date

Department Director

Date

Department Manager

Date

SVCW Manager

Date

Performance Incentive Pay Program

Purpose and Procedure

Management employees covered by this Resolution who are rated "superior" on his or her Performance Incentive Pay Program Evaluation by receiving a score of 5.01 or above shall receive an annual performance bonus once per fiscal year in an amount as determined by the criteria discussed below.

The Manager will complete annual Performance Incentive Pay Program Evaluations for all Department Managers, Department Directors, and Supervisors. The SVCW Board of Directors will complete the annual Performance Incentive Pay Program Evaluations for the Manager.

Management Employee Professional and Personal Development Program and Performance Incentive Pay Program Evaluation and Criteria

The Performance Incentive Pay Program works "hand-in-hand" with the Management Employee Professional and Personal Development Program, included as Attachment "A," to this Resolution. The Management Employee Professional and Personal Development Program is used to develop and guide management employees in their leadership, judgment and decision making, communication, planning and organization, interpersonal skills, cleanliness and appearance of facilities and technical and administrative knowledge skills.

The criteria for the Performance Incentive Pay Program are set forth in the Performance Incentive Pay Program Evaluation, which is attached to this Resolution as Attachment "B." The Performance Incentive Pay Program Evaluation measures overall performance of management employees related their responsible area of health and safety, prevention of OSHA lost time accidents, prevention of OSHA recordable accidents, the workers' compensation experience modification rate, budget performance, facility compliance with federal, state and local permits, and attainment of personal performance goals specified in the previous years' Performance Incentive Pay Program.

While these two programs work "hand-in-hand" with each other, they are distinctly different. The Management Employee Professional and Personal Development Program is used to assist employees in the day to day working environment, including social and leadership skills and interpersonal and business skills in the workplace. The Performance Incentive Pay Program focuses attention on the results of their technical skills in operating, maintaining and insuring compliance with permit regulations and is based on measurable "hard data" criteria rather than subjective criteria of the Management Employee Professional and Personal Development Program.

Performance Incentive Pay Program Payment

The Performance Incentive Pay Program payment will be paid for "superior" performance based on the criteria discussed above and documented on the Performance Incentive Pay Program Evaluation. For employees with "superior" performance, the amount of the Performance

Incentive Pay Program payment shall be either six, seven, eight, nine, or ten percent of the employee's annual base compensation as of June 1st of each calendar year. Depending on the employee's overall score on the Performance Incentive Pay Program Evaluation. Employees who do not have "superior" performance on the Performance Incentive Pay Program Evaluation do not receive a Performance Incentive Pay Program payment. The Performance Incentive Pay Program payment is made on the last payroll cycle of each fiscal year.

Under the Performance Incentive Pay Program Evaluation, an overall rating above 5.01 constitutes "superior" performance. The Performance Incentive Pay Program payment will be paid for superior performance as follows:

Score between 9.01 and 10.00	=	10% Performance Incentive
Score between 8.01 and 9.00	=	9% Performance Incentive
Score between 7.01 and 8.00	=	8% Performance Incentive
Score between 6.01 and 7.00	=	7% Performance Incentive
Score between 5.01 and 6.00	=	6% Performance Incentive

Any employee who receives a score lower than 5.01 will not receive a Performance Incentive Pay Program payment.

SILICON VALLEY CLEAN WATER PERFORMANCE INCENTIVE PAY PROGRAM

PERSONAL GOALS – This portion of the SVCW Performance Incentive Pay Program is used to establish goals for the upcoming year related specifically to the Performance Incentive Pay Program.

A minimum of three and maximum of five goals shall be set to encourage performance improvement throughout the upcoming year. The annual Performance Incentive Pay Program is intended to reward Management and Supervisory personnel for superior and outstanding efforts made to ensure the safety of SVCW personnel, ensure compliance with all applicable permits, rules and regulations related to the operation of SVCW facilities, ensure accurate budgeting and budget control throughout the year and provide development of the employee to meet goals set to assist the employee in meeting their personally set performance goals, as well as supervisory identified and set performance goals.

Goal Rating Standards:

Superior (2 points)	-	Consistently Demonstrates Superior Performance in meeting or exceeding requirements
Exceeds Standard (1 point)	-	Routinely Exceeds the Requirements and Demonstrates performance beyond standard requirements
Standard (0 points)	-	Routinely meets expectations
Needs Improvement (-1 point)	-	Meets some, but not all expectations and improvement is needed
Not Acceptable (-2 points)	-	Not meeting expectations and major improvement is required

Goal Evaluation from past year:

1. Goal and objectives from last evaluation: *(include verbiage from previous year's goals)*

Rating: ☐ Superior/Outstanding ☐ Exceeds Standard ☐ Standard ☐ Needs Improvement ☐ Not Acceptable

(2) (1) (0) (-1) (-2)

Comments:

2. Goal and objectives from last evaluation: *(include verbiage from previous years goals)*

Rating: ☐ Superior/Outstanding ☐ Exceeds Standard ☐ Standard ☐ Needs Improvement ☐ Not Acceptable

(2) (1) (0) (-1) (-2)

Comments:

3. Goal and objectives from last evaluation: *(include verbiage from previous year's goals)*

Rating: ☐ Superior/Outstanding ☐ Exceeds Standard ☐ Standard ☐ Needs Improvement ☐ Not Acceptable

(2) (1) (0) (-1) (-2)

Comments:

4. Goal and objectives from last evaluation: *(include verbiage from previous year's goals)*

Rating: ☐ Superior/Outstanding ☐ Exceeds Standard ☐ Standard ☐ Needs Improvement ☐ Not Acceptable

(2) (1) (0) (-1) (-2)

Comments:

5. Goal and objectives from last evaluation: *(include verbiage from previous year's goals)*

Rating: ☐ Superior/Outstanding ☐ Exceeds Standard ☐ Standard ☐ Needs Improvement ☐ Not Acceptable

(2) (1) (0) (-1) (-2)

Comments:

GOALS SETTING FOR NEXT EVALUATION PERIOD

(A minimum of 3 and a maximum of 5 goals shall be established for the upcoming year)

1. Goal Area:
2. Goal Area:
3. Goal Area:
4. Goal Area:
5. Goal Area:

SIGNATURES:

Employee

Date

Direct Supervisor

Date

Department Manager

Date

SVCW Manager

Date

PERFORMANCE INCENTIVE PAY PROGRAM PAYMENT SCHEDULE
FY 2016-2017

Attachment "B"

LAST NAME	FIRST NAME	MONTHLY SALARY	DATE BECAME MANAGEMENT	ANNUAL SALARY	ADJUSTMENT CODES	TOTAL DEDUCT FROM COLUMN "F"	PERFORMANCE PAYMENT PERCENT APPLIED	TIME IN POSITION ADJUSTMENT	FY 2016-2017 PERFORMANCE INCENTIVE TO BE PAID										
EMPLOYEE	A	\$16,042.00	6/22/2014	\$192,504	(1) -0, (2B) -.5, (3B) -1, (4B) 1, (5) 0, (6S) 2	-1.50%	8.5%	1	\$16,362.84										
EMPLOYEE	B	\$13,913.00	7/1/2007	\$166,956	(1) -0, (2B) -0.5, (3B) -1, (4B) 1, (5) 0, (6K) -1	-1.50%	8.5%	1	\$14,191.26										
EMPLOYEE	C	\$12,649.00	12/16/2007	\$151,788	(1) -0.46, (2B) -.5, (3A) -1, (3B) -1, (4B) 1, (5) 0, (6J) -.75, (7A) 1	-1.71%	8.3%	1	\$12,583.23										
EMPLOYEE	D	\$14,845.00	7/1/2007	\$178,140	(1) -0.07, (2B) -0.5, (3B) -1, (4B) 1, (5) 0, (6L) -2	-2.57%	7.4%	1	\$13,235.80										
EMPLOYEE	E	\$13,158.00	4/30/2014	\$157,896	(1) -1, (2B) -0.5, (3B) -1, (4B) 1, (5) 0, (6L) 0	-1.50%	8.5%	1	\$13,421.16										
EMPLOYEE	F	\$12,649.00	5/18/2008	\$151,788	(1) -1.0, (2B) -0.5, (3B) -1, (4B) 1, (5) 0, (6L) -2	-3.50%	6.5%	1	\$9,866.22										
EMPLOYEE	G	\$25,133.00	4/3/2006	\$301,596	(1) -0.24, (2B) -.5, (3B) -1, (4B) 1, (5) 0, (6S) 2	-1.26%	8.7%	1	\$26,359.49	*Set by Commission at June 8, 2017 Commission Meeting									
EMPLOYEE	H	\$11,394.00	7/21/2013	\$136,728	(1) -0.46, (2B) -.5, (3A) -1, (3B) -1, (4B) 1, (5) 0, (6J) -.75, (7A) 1	-2.21%	7.8%	1	\$10,651.11										
EMPLOYEE	I	\$12,649.00	4/1/2012	\$151,788	(1) -0.06, (2B) -0.5, (3A) -0.5, (3B) -1, (4B) 1, (5) 0, (6L) -2, (7A) 1	-2.06%	7.9%	1	\$12,051.97										
EMPLOYEE	J	\$13,913.00	7/1/2007	\$166,956	(1) -0.03, (2B) -0.5, (3B) -1, (4B) 1, (5) 0, (6L) -2	-2.53%	7.5%	1	\$12,471.61										
EMPLOYEE	K	\$15,254.00	4/20/2008	\$183,048	(1) -0.06, (2B) -0.5, (3A) -0.5, (3B) -1, (4B) 1, (5) 0, (6L) -2, (7A) 1	-2.06%	7.9%	1	\$14,534.01										
EMPLOYEE	L	\$18,133.00	11/5/2012	\$217,596	(1) -0.31, (2B) -.5, (3B) -1, (4B) 1, (5) 0, (6S) 2	-1.19%	8.8%	1	\$19,170.21										
EMPLOYEE	M	\$19,039.00	3/17/2008	\$228,468	(1) -0.31, (2B) -.5, (3B) -1, (4B) 1, (5) 0, (6S) 2	-1.19%	8.8%	1	\$20,128.03										
EMPLOYEE	N	\$14,611.00	2/10/2008	\$175,332	(1) -0.09, (2B) -.5, (3A) -1, (3B) -1, (4B) 1, (5) 0, (6J) -.75, (7A) 1	-1.34%	8.7%	1	\$15,183.75										
EMPLOYEE	O	\$10,961.00	4/15/2015	\$131,532	(1) -0.06, (2B) -0.5, (3A) -0.5, (3B) -1, (4B) 1, (5) 0, (6L) -2, (7A) 1	-2.06%	7.9%	1	\$10,443.64										
EMPLOYEE	P	\$10,949.00	2/25/2013	\$131,388	(1) -0.02, (2B) -0.5, (3B) -1, (4B) 1, (5) 0, (6L) -2	-2.52%	7.5%	1	\$9,827.82										
EMPLOYEE	Q	\$12,649.00	4/1/2012	\$151,788	(1) -0.06, (2B) -0.5, (3A) -0.5, (3B) -1, (4B) 1, (5) 0, (6L) -2, (7A) 1	-2.06%	7.9%	1	\$12,051.97										
EMPLOYEE	R	\$12,649.00	12/11/2011	\$151,788	(1) -0.51, (2B) -.5, (3A) -1, (3B) -1, (4B) 1, (5) 0, (6J) -.75, (7A) 1	-1.76%	8.2%	1	\$12,507.33										
EMPLOYEE	S	\$13,934.00	1/6/2013	\$167,208	(1) -0.09, (2B) -0.5, (3B) -1, (4B) 1, (5) 0, (6L) 0	-0.59%	9.4%	1	\$15,734.27										
EMPLOYEE	T	\$10,866.00	8/2/2015	\$130,392	(1) -0.06, (2B) -0.5, (3A) -0.5, (3B) -1, (4B) 1, (5) 0, (6L) -2, (7A) 1	-2.06%	7.9%	1	\$10,353.12										
EMPLOYEE	U	\$13,913.00	7/1/2007	\$166,956	(1) 0, (2B) -0.5, (3B) -1, (4B) 1, (5) 0, (6L) -2, (7) 1	-1.50%	8.5%	1	\$14,191.26										
Total Payment									\$278,957.27										

PERFORMANCE INCENTIVE PAY PROGRAM RATING CRITERIA:

Maximum Performance Incentive - 10%			Current Rating	Notes
Minimum Performance Incentive - 6%				
1	Personal Goals - 3 to 5	minus 0.25 point for each unmet		Specific for each Employee Provided by Department Manager
2	Lost Time Accidents			
2A	Agency 0	Plus 1 point		
2B	Agency 1	minus 0.5 point for each		
2C	Agency > 1	minus additional 1 point for each over		
3	Recordable Incidents			
3A	Department	minus 0.5 point for each		
3B	Agency >2	minus additional 1point		
4	WC Experience Mod Rate > 0.85	minus 1 point		CSRMA average is 0.97 for 2017
4A	WC Experience Mod Rate > 1.00	minus additional 1 point		
4B	WC Experience Mod Rate <0.75	Plus 1 point		
4C	WC Experience Mod Rate <0.40	Plus additional 1 point		
5	Permit Excursions	1 point for each less than 3 per year		
BUDGET RATINGS ARE BASED ON MOST RECENT CLOSED FISCAL YEAR'S AUDITED RESULTS				
6	Budget			Specific Department Ratings apply to Directors and Supervisors
A	Department Over, but less than 1%	No Impact		
B	Department Over 1% but less than 2%	minus 0.5 point		
C	Department Over 2% but less than 3%	minus 1.0 point		

Attachment "B"

7F-16

PERFORMANCE INCENTIVE PAY PROGRAM PAYMENT SCHEDULE
FY 2016-2017

Attachment "B"

1	Goal #1													
2	Goal #2													
3	Goal #3													
4	Goal #4													
5	Goal #5													
Percent Goals Complete				Use Average to Compute #1 Above										

The annual Performance Incentive Pay Program is intended to reward Management and Supervisory personnel for superior and outstanding efforts made to ensure the safety of SVCW personnel, insure compliance with all applicable permits, rules and regulations related to the operation of SVCW facilities, ensure accurate budgeting and budget control throughout the year and provide development of the employee through personally set and supervisory identified goals. The Performance Incentive Pay Program is based on measurable hard data to support the performance criteria.

Employee Name: EMPLOYEE, X
Title or Position: SUPER DUPER STAFF

Maximum Performance Incentive - 10%
Minimum Performance Incentive - 6%

This Year FY 2016-17

Notes

1	Personal Goals - (4)	minus 0.25 point for each unmet	-0.31	Partially completed (4) goals (69% completed see information below)
2	Lost Time Accidents			
2A	Agency 0	Plus 1 point		
2B	Agency 1	minus 0.5 point for each	-0.50	1-Lost time for strained back injury
2C	Agency > 1	minus additional 1 point for each over		
3	Recordable Incidents			
3A	Department	minus 0.5 point for each	-1.50	
3B	Agency >2	minus additional 1 point	-1.00	3-OSHA Recordable Incidents: 1- Maintenance (Back Strain); 2-Operations (Back Strain and Shin Laceration requiring stitches)
4	WC Experience Mod Rate > 0.85	minus 1 point		
4A	WC Experience Mod Rate > 1.00	minus additional 1 point		
4B	WC Experience Mod Rate <0.75	Plus 1 point	1.00	SVCW MOD RATE IS 0.57. The CSRMA Agency Average is 0.97 per Seth Cole with Alliant Insurance.
4C	WC Experience Mod Rate <0.40	Plus Additional 1 point		
5	Permit Excursions	1 point for each less than 3 per year	0.00	Zero Permit Excursions

FINANCIAL RATINGS ARE BASED ON MOST RECENT CLOSED FY AUDITED RESULTS

6	Budget			Department Ratings apply to Directors and Supervisors
A	Department Over, but less than 1%	No Impact		
B	Department Over 1% but less than 2%	minus 0.5 point		
C	Department Over 2% but less than 3%	minus 1.0 point		
D	Department Over 3% but less than 4%	minus 1.5 points		
E	Department Over 4% but less than 5%	minus 2.25 points		
F	Department Over More than 5%	minus 3.0 points		
G	Department Under, but less than 1%	Plus 2 points		
H	Department Under 1% but less than 2%	No Adjustment		
I	Department Under 2% but less than 3%	minus 0.5 point		
J	Department Under 3% but less than 4%	minus 0.75 point		
K	Department Under 4% but less than 5%	minus 1.0 point		
L	Department Under More than 5%	minus 2.0 points		
M	Agency Over, but less than 1%	No Impact		Agency Ratings apply to Department Managers and SVCW Manager

N	Agency Over 1% but less than 2%	minus 0.5 point		
O	Agency Over 2% but less than 3%	minus 1.0 point		
P	Agency Over 3% but less than 4%	minus 1.5 points		
Q	Agency Over 4% but less than 5%	minus 2.25 points		
R	Agency Over More than 5%	minus 3.0 points		
S	Agency Under, but less than 1%	Plus 2 points	2.00	With adjustment for OPEB - \$500k, Co-Gen - \$500k and Drought Odor Control \$230K - All outside of anticipated Budget and accepted by the Commission, SVCW finished the FY at \$21,876 under budget or 0.1% under budget!
T	Agency Under 1% but less than 2%	No Adjustment		
U	Agency Under 2% but less than 3%	minus 0.5 point		
V	Agency Under 3% but less than 4%	minus 0.75 point		
W	Agency Under 4% but less than 5%	minus 1.0 point		
X	Agency Under More than 5%	minus 2.0 points		
7	Individual Performance			
A	Additional Adjustment, of any percentage, may be made for each supervisor by the department manager, with Manager's Approval, based on the individuals personal performance and contribution during the Fiscal Year - Not to exceed a maximum total incentive of 10%			
B	Additional Adjustment, of any percentage, may be made for each department manager by the SVCW manager based on the individuals personal performance and contribution during the Fiscal Year - Not to exceed a maximum total incentive of 10%			

TOTAL DEDUCTIONS	-0.31	IF A POSITIVE NUMBER, CHANGE TO ZERO, AS NO PERFORMANCE INCENTIVE PAY CAN EXCEED 10%
TOTAL PERFORMANCE INCENTIVE POINTS	9.69	<u>NOTE: PERFORMANCE INCENTIVE SHALL NOT EXCEED 10% AND ANY PERSON THAT RECEIVES A SCORE OF 5% OR LESS SHALL NOT RECEIVE A PERFORMANCE INCENTIVE PAYMENT FOR THE CURRENT EVALUATION PERIOD.</u>

PERFORMANCE INCENTIVE
PAY SCHEDULE

Total Performance Incentive Points	Performance Incentive Payment
9.01 to 10	10%
8.01 to 9	9%
7.01 to 8	8%
6.01 to 7	7%
5.01 to 6	6%
5.0 or less	0%

PERSONAL GOALS REVIEW SECTION:

Each year, 3 to 5 personal goals will be developed between the employee and the direct supervisor
Results shall be transferred directly to this form for evaluation related to Performance Incentive Pay
Program only. The rating on partially completed goals shall be set by the employee's direct supervisor.

OBJECTIVES FOR EVALUATION PERIOD (FY 2016-2017):

Goal #	Goal Description	Met? Y/N	If "N", % Complete	Notes
1	Assist Manager with Reorganization Efforts		75	Assisted with completion of the Position Description Questionnaires which fed to Gallagher salary survey. Met with firm representatives to discuss organization and positions.
2	Continue Successful Implementation of the Conveyance System Program and Nutrient Removal Program		75	All tasks for which Commisison approval has been given are ongoing. Attended D-B conference to investigate methods for completion of capital programs and projects. Continue to work with Engineering Director in leadership and management skills.
3	Support and provide direction for new Innovative Technologies at SVCW.		75	Supported work efforts for: BioForce Tech, Food Waste Program, FOG receving station improvements, Design-Build project delivery.
4	Assist with switchover to Sharepoint Document Management System		50	Supported IS needs for Administrative assistance via up to 50% time availability; worked with AS Director to finalize and implement Record retention Schedule and policy.
5	Push for completion of 10 nnliries		70	At least 10 new policies or updated policies completed this fiscal year.
Percent Goals Complete			69	Use Average to Compute #1 Above

**SITE STABILIZATION GRADING AND DRAINAGE PROJECT
(CIP #6013)
AWARD OF CONSTRUCTION CONTRACT**

ISSUE

Award of Construction Contract for the Site Stabilization Grading and Drainage Project (CIP #6013)

BACKGROUND

SVCW's Conveyance System Program, now titled Regional Environmental Sewer Conveyance Upgrade (RESCU) Program includes conveyance system improvements to transport wastewater from member agencies' collection systems to the SVCW wastewater treatment plant. A major component of the conveyance system is a gravity pipeline constructed by tunneling methods from the north edge of Inner Bair Island to the plant. Once wastewater reaches the plant from the gravity pipeline, it will be lifted via a new receiving lift station to an elevation that will allow the water to gravity flow through a screening and grit removal facility (headworks), and through new influent connector pipes to the existing primary sedimentation tanks. These new facilities are to be located on the 10-acre area that was previously filled with recycled water at the front of the plant.

The 10-acre area is underlain with very soft San Francisco bay muds (Young Bay Mud) which offers very little structural integrity, even to the point that vehicles and equipment will sink. To construct the improvements needed at the treatment plant, the soil within the front of plant area need to be stabilized, the site prepared for contractor and SVCW access and use; including the replacement of staff and visitor parking areas. Soil stabilization and site preparation can only be performed in dry weather and is, therefore, scheduled for summer 2017. Stabilization of the area will allow work on the gravity pipeline and front of plant facilities to begin in summer 2018.

DISCUSSION

Construction documents were prepared for soil stabilization to create a stable working surface for conveyance system facility construction, a new entrance for staff and visitors, parking to replace the area lost to construction activity, lighting for roadway and parking areas, and provisions for utility extensions from the plant to the project site. Construction documents were completed with the intention that construction will be complete by October 15, 2017, after which office trailers for the design-build project teams will be located on a portion of the site.

The project includes the following major components:

- Lime stabilize the top 18" of soil within the area to create a stable working surface.

- Import approximately 35,000 cubic yards of fill to the site and place on the stabilized surface. Fill is needed to raise the site for future improvements and will be graded to promote drainage.
- Storm drain piping connecting to the WWTP's existing storm drain system.
- Construct a new driveway and parking lot (55 stalls) to replace parking that will be lost during front of plant improvements.
- Install a new main gate at a site just off Radio Road.
- Install lighting for the new parking lot and entrance road.
- Provide pedestrian access from the parking lot to the main plant buildings.
- Install utility corridors that will allow for future utilities from the plant to cross the new parking and driveways without need to retrench.
- Provide power and communication cabling to planned office trailers at the front of plant.

The project was publicly advertised on May 10, 2017 and a mandatory pre-bid meeting was held on May 17, 2017. Bids were due on June 1, 2017 and three bids were received. The bid results are shown in the attached bid summary table. The engineer's opinion of probable cost is \$4.0 million. The lowest responsible and responsive bid is submitted by Teichert Construction in the amount of \$4,205,200. Staff recommends a construction contract be awarded to Teichert Construction in the amount of \$4,205,200.

FINANCIAL IMPACTS

The scope represented by this work will be funded from the Receiving Lift Station project (CIP #6013), which has an allocated budget of \$41 million.

RECOMMENDATION

Move adoption of RESOLUTION APPROVING CONSTRUCTION CONTRACT DOCUMENTS FOR SOIL STABILIZATION GRADING AND DRAINAGE PROJECT (CIP #6013); ACCEPTING BID OF LOWEST RESPONSIBLE BIDDER, REJECTING ALL OTHER BIDS; AND AUTHORIZING EXECUTION OF AGREEMENT, DIRECTING RETURN OF SECURITY DEPOSITS AND AUTHORIZING MANAGER TO APPROVE CONTRACT CHANGE ORDERS UP TO TEN PERCENT OF THE CONTRACT PRICE FOR SAID PROJECT – Teichert Construction - (\$4,205,200)

Silicon Valley Clean Water
 Site Stabilization, Grading and Drainage Project – CIP #6013
 Bid Results
 Thursday, June 1, 2017

Name of Bidder	Addenda										Total Bid Amt.																				
	#1 & 2	Section 00300	Section 00410	Section 00420	Section 00420A	Section 00430	Section 00440	Section 00470	Section 00480	Section 00490	Affidavit of Safety Compliance		Noncollusion Affidavit		Requirement of Insurance		Acknowledgement of Insurance		Site Visit Affidavit		Design of Subcontractors		Cert. of Subcontractors Exp. & Qualifications		Cert. of Bidders Exp. & Qualifications		Proposal Guaranty Bond		Bid Proposal		
Teichert & Sonc, Inc. dba Teichert Construction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																					\$4,205,200.00
O.C. Jones & Sons, Inc.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																					\$4,242,400.00
Graniterock	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																					\$4,818,400.00
* Pending Commission approval. Next Commission meeting is scheduled on Thursday, June 8, 2017.																															

**EQUIPMENT IN USE AT WASTEWATER TREATMENT PLANT
CONSIDERATION AND APPROVAL TO SOLE SOURCE EQUIPMENT**

ISSUE

Approval to Sole Source Specific Equipment in 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.

Staff last presented lists of equipment that has been standardized or proven to be effective for the delineated uses to the Commission in July 2014. The Commission approved the lists of equipment allowing staff to proceed with sole source purchase, when the need arises, to replace the listed equipment. From 2014 to now, some of the companies that provide the equipment have changed names and some items have been added to the list to match existing equipment at the plant and pump stations.

DISCUSSION

Under PCC Section 3400, SVCW is allowed to utilize specific equipment without specifying "or equal" manufacturers and equipment (sole source). To facilitate equipment specifying and purchasing, staff is requesting that the sole source list be updated. The updated list is attached to this agenda item and the governing body's (Commission-level) adoption is required.

FINACIAL IMPACT

The financial impact of this action is unknown, however the theory is that, in general, sole sourcing equipment adds 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 part 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 PURCHASE

SPECIFIC EQUIPMENT WITHOUT SPECIFYING "OR EQUAL"
MANUFACTURERS AND EQUIPMENT (SOLE SOURCE) (5/7th weighted vote
required)

- ii. Move adoption of RESOLUTION ALLOWING FOR THE SOLE SOURCE
SPECIFICATION AND PURCHASE OF STANDARDIZED EQUIPMENT AND
MATERIALS AS LISTED, TO MATCH EXISTING, PROVEN EFFECTIVE OR
TESTED EFFECTIVE EQUIPMENT FOR A PERIOD OF FIVE YEARS FROM
JUNE 2017 THROUGH MAY 2022

Sole Source Specification and Purchase of Standardized Equipment List Prepared for Approval at June 8, 2017 SVCW Commission Meeting

The following list of equipment eligible to sole source is valid for a five-year period from June 2017 to May 2022. This list does not REQUIRE the listed equipment to be sole-sourced; it ALLOWS the equipment to be sole-sourced if deemed appropriate.

Equipment to Match Existing for Standardization:

<i>Equipment</i>	<i>Manufacturer</i>	<i>Location Used</i>	<i>Reason for Sole Source</i>
Electric Valve Actuator ¹	Rotork	Process Piping	Match Existing Equipment for Standardization and Proven Effective and Reliable
Thermal Dispersion Flow Monitoring	FCI	Biogas and Natural Gas Systems, Hot Water and Lube Oil Systems	Match Existing Equipment for Standardization and Proven Effective and Reliable
Sludge Heat Exchanger	Alpha-Laval	Sludge Heating System	Match Existing Equipment for Standardization and Proven Effective and Reliable
Pressure Switch	Ashcroft	Process Piping	Match Existing Equipment for Standardization and Proven Effective and Reliable
Power Distribution Panel ²	Cutler-Hammer (Eaton)	Electrical Power Distribution	Match Existing Equipment for Standardization
Motor Control Centers	Cutler-Hammer (Eaton)	Existing MCC Expansion or Modifications	Match Existing Equipment for Standardization
Paints and Coatings	Sherwin-Williams	Walls, Tanks, Digester Domes, Piping	Standardize, Proven Effective and Reliable; also Tested as Effective and Recommended
Positive Displacement Pumps	Moyno	Thickeners, Digesters, Dewatering, Grease Receiving Station	Match Existing Equipment for Standardization
Centrifugal Pumps	FloServe (Worthington)	Final Effluent, DMFs, RAS, Pump Stations	Match Existing Equipment for Standardization

<i>Equipment</i>	<i>Manufacturer</i>	<i>Location Used</i>	<i>Reason for Sole Source</i>
Centrifugal Pumps	Weir	Primary Sludge	Match Existing Equipment for Standardization
Chopper Pumps	Vaughn	Various locations	Match Existing Equipment for Standardization
Gas Management	Varec	Digester Gas	Match Existing Equipment for Standardization
Grinders	Franklin Miller	Pump Stations	Tests on various manufacturers proved this one effective
Valves (pneumatic operators)	Pratt	Various and numerous locations	Match Existing Equipment for Standardization
Plug Valves	Dezurik	Various and numerous locations	Match Existing Equipment for Standardization
Sample Pumps	Grundfos	Various and numerous locations	Match Existing Equipment for Standardization
Polymer Systems	Excell	Thickening and dewatering	Match Existing Equipment for Standardization
PLC and Process Application Controllers	Allen Bradley (Rockwell Automation)	Programmable Electrical Control Equipment	Match Existing Equipment For Standardization
Operator Interface Graphic Terminals	Allen Bradley Panel View Plus (Rockwell Automation)	Various locations	Match Existing Equipment For Standardization
Variable Frequency Drives	Eaton	Adjustable Frequency Drives in Eaton Electrical Equipment	Match Existing Equipment For Standardization
Magnetic Flow Meters	Endress+Hauser	Various and numerous locations	Match Existing Equipment for Standardization
Flow Monitoring	Flowtect (pressure switch)	Eyewash/Emergency Showers	Standardized and proven effective
Turbidity	Hach	DMF Effluent	Matching existing (15)
Total Suspended Solids	Hach	Various locations	Matching existing
Chlorine Analyzers	DULCO	Disinfection, Recycled Water, Dechlorination	Match Existing and only one found to work consistently
SIA Analyzers	ATI	Plant Effluent	Match Existing
Hypochlorite, bisulfite, and Ferric Chloride peristaltic dosing pumps	Watson Marlow	chemical storage tanks	Standardized and proven effective

Equipment	Manufacturer	Location Used	Reason for Sole Source
Portable Hydrogen Sulfide meter	Arizona Instrument	Digester Gas and various staff and instrument buildings	Match Existing Equipment (2) which have operated for 18 years
Flow-through Bioassay System	Aqua Science	Final Effluent monitoring in Laboratory	Sole provider for Cal EPA Region 2 Dischargers
Steam sterilizer	Geringe	Disinfect Lab materials and media	Standardize, Proven Effective and Reliable
Switches, Routers and other Network Appliances	Cisco	Data Center	Match Existing Equipment for Standardization and Proven Effective & Reliable
Servers and Storage Devices	Dell	Data Center	Match Existing Equipment for Standardization and Proven Effective & Reliable
Uninterruptable Power Supply (UPS)	Schneider/APC	Various control and/or communication panels throughout the plant	Match Existing Equipment for Standardization and Proven Effective & Reliable

Equipment Selected based on Testing and Efficacy³:

Equipment	Manufacturer	Location Used	Reason for Sole Source
Ultrasonic Level Monitoring	Siemens (aka Milltronics)	Various locations	Tests on various manufacturers proved this one effective
In-Plant Flow Meters	Endress+Houser	Various locations with high solids content material	Tests on various manufacturers proved these effective
Pressure Level Transducers	Endress+Hauser	Various locations	Tests on various manufacturers proved these effective
pH Monitoring	Hach	Various locations	Tests on various manufacturers proved this one effective
In Line % Total Solids Monitoring	Valmet	High Solids Streams	Tested and recommended

Dissolved Oxygen	Hach		Aeration basins	Tested and recommended
Sludge Blanket Level ³	Entech EchoSmart		Secondary Clarifiers	Tested and recommended

¹Reference Memorandum from Bill Bryan, SVCW re: SVCW Electric Valve Actuator – Sole Source Manufacturer Justification, June 25, 2014.

²Reference Memorandum from Beecher Engineering Inc. re: SBSA Switchgear PDP-2 – Sole Source Manufacturer Justification, August 27, 2012.

³Reference Instrumentation Screening and Evaluation Technical Memorandum for Activated Sludge Process Automation Design (CIP 8017), December 20, 2010, by Kennedy/Jenks

Basis for ability to Sole Source Equipment, Material, Product, Service

SVCW's purchasing guidelines are delineated by the charter of the City of Redwood City which, in turn, is guided by 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" that that bidders may furnish any equal material, product, thing, or service. However, this subdivision is not applicable under certain circumstances, including:

- (1) in order for a field test or experiment to be made to determine the product's suitability for future use
- (2) in order to match other products in use on a particular public improvement either completed or in the course of completion
- (3) in order to obtain a necessary item that is only available from one source or
- (4) in order to respond to an emergency declared by a local agency or by the state.

ESTABLISHING RATES OF PAY FOR CONFIDENTIAL GENERAL, PROFESSIONAL, MANAGEMENT AND UNREPRESENTED GENERAL EMPLOYEES, RETITLING OF SENIOR MANAGEMENT POSITIONS, AUTHORIZING ESTABLISHMENT OF AN IRS 401(a) PLAN FOR SENIOR MANAGEMENT STAFF AND APPROVING A CONSOLIDATED PAY SCHEDULE FOR ALL EMPLOYEES OF SILICON VALLEY CLEAN WATER

ISSUE

Consideration of Rates of Pay for Confidential General, Professional, General Unrepresented and Management Employees, Retitling of Senior Management Positions, and Approve a Consolidated Pay Schedule for All Employees to be Posted on the Authority's Website and Available Upon Request by any Outside Person or Agency.

BACKGROUND

The Confidential General Employee category includes the positions of Accountant, Accounting Technician, Administrative Assistant, Administrative Clerk, Office Assistant, Financial Analyst, Information System Technician, Information System Analyst, and Sr. Information System Analyst. As these positions work with and have access to personnel, payroll and other confidential documents they are excluded from the bargaining unit. The positions of Laboratory Assistant and Engineering Intern are unrepresented within the classification of General Employees. Professional employees are also unrepresented and are considered a separate classification. The positions of Assistant Manager-Authority Engineer, Chief Financial Officer and Wastewater Superintendent are being re-titled, respectively, to Assistant Manager/Chief Engineering Officer, Chief Financial Officer/Administration Manager and Chief Operating Officer and classified per the approved budget for FY2017-2018. Management employees consist of the department managers, division directors and supervisors. The salaries and benefits are set by resolution for all of the aforementioned classifications of employees. The SVCW Manager is covered under a separate Employment Agreement and is not included in this discussion.

DISCUSSION

Cost of Living Adjustments (COLA) are provided to employees in order to adjust their wages at a rate that approximately reflects the inflationary increases in living expenses year over year. Step increases and merit increases are used to adjust wages based on specific employee's performance of their duties in line with the job description for their particular position. At times, a Wage and Benefit survey of comparative positions in the industry is also performed to insure SVCW is providing compensation that is in line with others performing similar services. In that line, SVCW has recently completed the process of evaluating job descriptions and compensation for all Authority personnel. Per SVCW Commission direction, the results of this effort are reflected in the FY2017-2018 budget and personnel resolution for unrepresented positions. The current Memorandum of Understanding (MOU) for represented staff is in effect for one more year and it is anticipated that findings for those

positions will be negotiated as part of a new MOU.

Historically, SVCW has implemented the same COLA for unrepresented positions equivalent to and based upon the agreement with Local 39 to adjust wages for represented employees. The current Memorandum of Understanding with Local 39 is an agreed to COLA increase for the bargaining unit of three percent (3%), effective the first pay period of the Fiscal year 2017-2018. The SVCW Manager recommends and an equivalent COLA increase was included in the approved budget for unrepresented employees of three percent (3%), effective the first pay period of FY2017-2018.

Retention and recruitment of Senior Management level personnel has become extremely competitive in the past three years and is even more so now that the California Legislature implemented the Public Employee's Pension Reform Act or 2013(PEPRA) which severely limits pension amounts for highly compensated employees. In order better address this situation, many agencies have implemented 401(a) programs for senior level management employees. As part of the FY2017-2018 budget, SVCW included a matching contribution for the SVCW Manager, Assistant Manager/Chief Engineering Officer, Chief Financial Officer/Administration Manager and Chief Operating Officer in the amount of \$12,500 each. The program requires each of the individuals to make an annual contribution equal to or greater than the matching amount into a non-CalPERS eligible 401(a) account specifically for retirement. This program is anticipated to commence at the start of the Fiscal Year 2017-2018 with Commission approval of the establishment of the SVCW 401(a) plan.

SVCW's Management Performance Incentive Pay Program has been in place for over a decade and is a comprehensive program that is based on hard-data performance criteria for all SVCW Supervisors, Directors, Department Managers and the SVCW Manager. This program provides for an annual bonus to individuals in these positions for "Superior Performance" related to the requirements of the Authority. The cost for the program is also included in the Commission approved 2017-2018 budget.

FINANCIAL IMPACT

All proposed changes are included in the approved FY2017-2018 SVCW Operating Budget. The budget was approved by the Commission at the regular meeting of. April 13, 2017.

RECOMMENDATION

Move adoptions of:

- i. 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 16-23 AND RESCINDING ANY AND ALL OTHER RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HEREWITH
- ii. 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 16-24 AND RESCINDING ANY AND ALL OTHER RESOLUTIONS OR PROVISIONS THEREOF IN CONFLICT HERewith

- iii. RESOLUTION ESTABLISHING RATES OF PAY AND RELATED COMPENSATION FOR UNREPRESENTED GENERAL EMPLOYEE POSITIONS OF ENGINEERING INTERN AND LABORATORY ASSISTANT AND RESCINDING RESOLUTION NO. SVCW 16-25 AND ANY AND ALL OTHER RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HERewith
- iv. RESOLUTION ESTABLISHING RATES OF PAY FOR PROFESSIONAL EMPLOYEES OF SILICON VALLEY CLEAN WATER AND RESCINDING AND RESTATING CERTAIN PROVISIONS OF RESOLUTION NO. SVCW 16-26 AND RESCINDING ANY AND ALL OTHER RESOLUTIONS OR PORTIONS THEREOF IN CONFLICT HERewith
- v. 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 16-27 AND ANY AND ALL OTHER RESOLUTIONS OR PROVISIONS THEREOF IN CONFLICT HERewith
- vi. RESOLUTION ESTABLISHING A DEFINED CONTRIBUTION PENSION PLAN PURSUANT TO SECTION 401(a) OF THE INTERNAL REVENUE CODE
- vii. RESOLUTION APPROVING CONSOLIDATED PAY SCHEDULE FOR ALL REPRESENTED AND UNREPRESENTED EMPLOYEES OF SILICON VALLEY CLEAN WATER EFFECTIVE JUNE 18, 2017