

December 8, 2017

NOTICE OF MEETING – REQUEST FOR RSVPS

Members of the Capital Improvement Program (CIP) Committee

Director Nai Hsueh, *Chairperson*
Director Tony Estremera, *Vice Chairperson*
Director Linda LeZotte, *Committee Member*

And Supporting Staff Members

Norma Camacho, Interim Chief Executive Officer
Leslie Orta, Senior Assistant District Counsel
Rick Callender, Chief of External Affairs
Anil Comelo, Acting Chief Operating Officer – Administrative Services
Melanie Richardson, Interim Chief Operating Officer - Watersheds
Nina Hawk, Chief Operating Officer – Water Utility
Darin Taylor, Chief Financial Officer
Katherine Oven, Deputy Operating Officer
Vincent Gin, Deputy Operating Officer
Garth Hall, Deputy Administrative Officer
Ngoc Nguyen, Interim Deputy Operating Officer
Sudhanshu Tikekar, Deputy Administrative Officer
Christopher Hakes, Assistant Officer
Charlene Sun, Budget Manager
Beth Redmond, Capital Program Planning and Analysis Unit Manager

The next meeting of the Santa Clara Valley Water District Capital Improvement Program Committee, is scheduled to be held at **10:00 a.m., on Monday, December 11, 2017**, in the District Headquarters Building, Conference Room A-124, 5700 Almaden Expressway, San Jose, California.

Enclosed for your convenience, please find a copy of the agenda and corresponding materials.

Additional materials for this meeting will be distributed and made available to the public at or prior to the meeting, in compliance with the Brown Act.

Please RSVP at your earliest convenience to confirm your attendance by calling 408-630-2659, or via email to ndominguez@valleywater.org.

Regards,

Natalie F. Dominguez

Natalie F. Dominguez, CMC
Board Administrative Assistant II
Santa Clara Valley Water District
Office of Clerk of the Board

Enclosures

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CAPITAL IMPROVEMENT PROGRAM (CIP) COMMITTEE

District 5 Director N. Hsueh, Chairperson
District 6 Director T. Estremera, Vice Chairperson
District 4 Director L. LeZotte, Committee Member



AGENDA

CAPITAL IMPROVEMENT PROGRAM COMMITTEE

**Santa Clara Valley Water District Headquarters Building, Room A-124
5700 Almaden Expressway, San Jose, CA 95118**

**Monday, December 11, 2017
10:00 AM**

Time Certain:

10:00 a.m.

1. Call to Order/Roll Call.

2. Time Open for Public Comment on Any Item Not on the Agenda.

Comments should be limited to two minutes. If the Committee wishes to discuss a subject raised by the speaker, it can request placement on a future agenda.

3. Approval of Minutes:

Recommendation: Approve the minutes of November 27, 2017.

4. Action Items:

- 4.1 Review and Discuss Preliminary Fiscal Years (FY) 2019-23 Capital Improvement Program (CIP) in Advance of it Being Presented to the Board of Directors.
(C. Hakes/N. Nguyen)

Recommendation:

- A. Review and discuss the Preliminary FY 2019-23 CIP; and
- B. Recommend the Preliminary FY 2019-23 CIP be presented to the Board of Directors on January 9, 2018.

- 4.2 Review and Discuss Revisions to the Capital Improvement Program Priority Ranking Criteria and Related Prioritization Outcomes. (C. Hakes/N. Nguyen)

Recommendation:

- A. Review and discuss revisions to the Capital Improvement Program (CIP) Priority Ranking Criteria and related prioritization outcomes; and
- B. Recommend the revised Capital Improvement Program (CIP) Priority Ranking Criteria be presented to the Board of Directors on January 9, 2018.

- 4.3 Update on Rinconada Water Treatment Plant Reliability Improvement Project.
(C. Hakes)

Recommendation:

Receive information and provide feedback on next steps.

4.4 2017-18 Consultant Agreements and Amendments to Existing Consultant Agreements. (K. Oven)

Recommendation:

Receive information on upcoming consultant agreements and/or amendments that staff will be recommending for Board approval.

5. **Review and Discuss 2017 and 2018 Committee Work Plan.**
6. **Discussion of Next Committee Meeting Agenda and Schedule.**
7. **Clerk's Review and Clarification of Committee Requests.**
8. **Adjourn to Regular Meeting at 10:00 a.m., on January 8, 2018, in the Santa Clara Valley Water District Headquarters Building, Room A-124, 5700 Almaden Expressway, San Jose, CA 95118.**

REASONABLE EFFORTS TO ACCOMMODATE PERSONS WITH DISABILITIES WISHING TO ATTEND COMMITTEE MEETINGS WILL BE MADE. PLEASE ADVISE THE CLERK OF THE BOARD OFFICE OF ANY SPECIAL NEEDS BY CALLING (408) 630-2277.

Meetings of this committee will be conducted in compliance with all Brown Act requirements. All public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body will be available for public inspection at the same time that the public records are distributed or made available to the legislative body, at the following location:

Santa Clara Valley Water District, Office of the Clerk of the Board
5700 Almaden Expressway, San Jose, CA 95118

CIP Committee Purpose: The CIP Committee is established to provide a venue for more detailed discussions regarding capital project validation, including recommendations on prioritizing, deleting, and/or adding projects to the CIP, as well as monitoring implementation progress of key projects in the CIP.

CAPITAL IMPROVEMENT PROGRAM (CIP) COMMITTEE MEETING

MINUTES

Monday, November 27, 2017
12:00 P.M.

(Paragraph numbers coincide with agenda item numbers)

A regular meeting of the Capital Improvement Program (CIP) Committee was called to order at 12:00 p.m., on Monday, November 27, 2017, in the Santa Clara Valley Water District Headquarters Building Conference Room A-124, 5700 Almaden Expressway, San Jose, California.

1. Call to Order/Roll Call

Committee members in attendance were District 6 Director Tony Estremera, District 4 Director Linda LeZotte, and District 5 Director Nai Hsueh, Chairperson presiding, constituting a quorum of the Committee.

Staff members in attendance were N. Camacho, Chief Executive Officer, S. Yamamoto, District Counsel, M. Meredith, Deputy Clerk, J. Aranda, F. Fung, C. Hakes, N. Hawk, N. Nguyen, K. Oven, B. Redmond, M. Richardson, L. Rossiter, A. Rouhani, D. Taylor, and S. Tikekar.

Also in attendance was Mr. Rick W. Jarvis, District External Counsel, Jarvis Fay Doporto & Gibson, LLP.

2. Time Open for Public Comment on any Item not on the Agenda

Chairperson Hsueh declared time open for public comment on any item not on the agenda. There was no one present who wished to speak.

3. Approval of Minutes

The Committee considered the minutes of the October 18, 2017 meeting. Chairperson Hsueh requested the minutes be amended as follows:

- Revise Page 2, Item 4.2, Paragraph 6 to read *Chairperson Hsueh requested ~~staff prepare written responses to that the comments of Ms. Moreno and Mr. McMurtry's comments, and be referred the responses~~ to the **Board Audit Ad Hoc Fisheries and Aquatic Habitat Collaborative Effort** Committee;*

- Revise Page 2, Paragraph 7, Bullet No. 6 to read ~~Pursue~~ **additional Include alternative** Open Space Credit **analysis and funding alternatives;**
- Revise Page 3, Item 5, Bullet No. 1 to read ~~The Committee requested changes to reviewed~~ **its Board Strategic Challenges and Board Priorities report, identified as Handout 5-A, herein...;**
- Revise Page 3, Item 5, Bullet No. 4 to read *Update on Rinconada Water Treatment Plant Reliability Improvement Project* **and Residuals Management Project.;** and
- Revise Page 3, Item 5, Bullet No. 2, and Page 3 Items 7 and 8 to read ~~...Tuesday, Monday November 28 27, 2017...~~

It was moved by Chairperson Hsueh, seconded by Director Estremera, and unanimously carried to approve the minutes, as amended.

4. Action Items

- 4.1 Alternative Funding Scenarios for the Committee's Priority Projects (Coyote Creek-Montague to Tully, Almaden Lake Improvements, Ogier and Metcalf Ponds/Creek Separation, Stevens Creek Fish Passage barrier Improvements).

Mr. Ngoc Nguyen, Interim Deputy Operating Officer, reviewed the information on this item, per the attached Committee Agenda Memo. The information in Attachment 2 was reviewed by staff as follows: Mr. Nguyen, reviewed Pages 1 through 6, Ms. Beth Redmond, Capital Program Planning & Analysis Manager, reviewed Pages 7 – 9, and Mr. Afshin Rouhani, reviewed the merits of completing the planning study for Upper Penitencia Creek, from Coyote Creek to Dorel Drive (Upper Penitencia Creek Project), as contained on Page 9.

Mr. Doug Muirhead, Morgan Hill resident, expressed support for preservation of the Open Space Credit, stated that preservation of open space is within the District's mission and purpose, and encouraged that increases in electric and other costs associated with agricultural water use be considered when considering increases to agricultural water rates.

Mr. Rick Jarvis explained that the District is not able to directly impose development impact fees because there is not enough express legal authority. A potential solution would be to enter into cooperative agreements with its retail providers whereby the retailers could agree to adopt and impose these fees on developments within their jurisdiction to the extent each retailer has that authority. Mr. Jarvis discussed that this method of implementation has risk due to practical difficulties and obstacles in negotiating consistent cooperative agreements.

The Committee provided the following direction to staff:

- Take discussion on Development Impact Fees to the City Managers' Association, followed by the Santa Clara Valley Water Commission;
- Develop the Preliminary Fiscal Year (FY) 2019 –23 Capital Improvement Program (CIP) based on Scenario 8, as contained on Attachment 2, Page 8;
- Review whether the level of funding for the Watersheds Asset Rehabilitation Program is adequate to complete the work in a timely manner;

- Suspend work on Upper Penitencia Creek Project, Coyote Creek to Dorel Drive, in Fiscal Year 2019, and provide approximately \$2 million to fully fund the planning phase starting in the Fiscal Year 2020. Continue the discussion of possible funding mechanisms for Upper Penitencia Creek Project, Coyote Creek to Dorel Drive in future CIP presentations;
- Discuss suspension of Upper Penitencia Creek Project, with the Independent Monitoring Committee for information and feedback;
- Coordinate Safe, Clean Water and Natural Flood Protection Program process to suspend the Upper Penitencia Creek Project, and
- On January 9, 2018 when the Preliminary FY 2019-23 is presented to the Board include an overview of all the alternative funding sources considered by the Committee.

4.2 Update on Rinconada Water Treatment Plant Reliability Improvement Project and the Rinconada Water Treatment Plant Residuals Management Project.

Mr. Chris Hakes, Assistant Officer, reviewed the information on this item, per the attached Committee Agenda Memo.

The Committee requested that staff come back during the December 11, 2017 meeting with an update on the Dispute Resolution Board decision on the RWTP Reliability Improvement Project and alternatives for accelerating construction including discussion on the supplemental items in the bid package and other ways to motivate the contractor to move forward.

4.3 Report of Bids received for the Board Room AV Project and Discussion of Alternative Project Features.

Mr. Sudhanshu Tikekar, Deputy Administrative Officer and Mr. Frank Fung, Information Technology Manager, reviewed the information on this item, per the attached Committee Agenda Memo.

The Committee expressed preference for Option No. 4, as contained on Page 1 of the Committee Agenda memo.

4.4 2017-18 Consultant Agreements and Amendments to Existing Consultant Agreements.

Ms. Katherine Oven, Deputy Operating Officer, reviewed the information on this item, per the attached Committee Agenda Memo.

The Committee continued Item 4.4 to the December 11, 2017, meeting.

5. Review and Discuss 2017 Committee Work Plan

The Committee reviewed the 2017 Work Plan and made the following adjustments to the December 11, 2017 meeting date:

- Include an update on Rinconada Water Treatment Plant Reliability Improvement Project.
- Include an update on 2017-18 Consultant Agreements and Amendments to Existing Consultant Agreements (Continued from November 27, 2017).

6. Discussion of Next Committee Meeting Agenda and Schedule.

Chairperson Hsueh confirmed that the next Committee meeting would be held at 10:00 a.m., on December 11, 2017.

7. Clerk's Review and Clarification of Committee Requests.

The Committee requests and recommendations were not read into the record.

8. Adjourn.

Chairperson Hsueh adjourned the meeting at 2:00 p.m., to the next regular meeting at 10:00 a.m., on December 11, 2017, in the Santa Clara Valley Water District Headquarters Building Conference Room A-124, 5700 Almaden Expressway, San Jose.

Michelle Meredith
Deputy Clerk of the Board

Approved:



Committee: CIP
Meeting Date: 12/11/17
Agenda Item No.: 4.1
Unclassified Manger: Christopher Hakes / Ngoc Nguyen
Email: chakes@valleywater.org
nnguyen@valleywater.org

COMMITTEE AGENDA MEMO

SUBJECT: Review and Discuss Preliminary Fiscal Years (FY) 2019-2023 Capital Improvement Program (CIP) in Advance of it Being Presented to the Board of Directors.

RECOMMENDED ACTION:

- A. Review and discuss the Preliminary FY 2019-2023 CIP; and
- B. Recommend the Preliminary FY 2019-2023 CIP be presented to the full Board of Directors on January 9, 2018.

SUMMARY:

The purpose of this agenda item is for Committee review and discussion of the Draft Preliminary FY 2019-2023 CIP (Attachment 1).

Over the past several months staff has worked with the CIP Committee (Committee) to identify and explore possible revenue sources and analyze alternative funding scenarios to develop a plan that will provide funding to complete the following projects (not listed in any preferential order):

1. Coyote Creek (from Montague Expressway to Tully Road)
2. Almaden Lake Improvements
3. Ogier Pond/Creek Separation
4. Metcalf Pond/Creek Separation
5. Stevens Creek Fish Passage Barrier Improvements

At the direction of the Committee, staff incorporated the following assumptions into the development of the preliminary CIP:

1. Suspend work on Upper Penitencia Creek Project.
2. Utilize Fund 12 monies to fund unfunded watershed projects identified by the Committee, in lieu of habitat land preservation under the Safe Clean Water Project D7.
3. Assume that Water Utility funding from Fish and Aquatic Habitat Collaborative Effort (FAHCE) is available for qualified unfunded habitat enhancement projects beginning in FY 21.
4. Adjust project schedules to minimize time between planning, design, and construction phases.
5. Pursue grant opportunities for unfunded watershed projects identified by the Committee.
6. Consider modifications to the Open Space Credit to provide funding for unfunded watershed projects identified by the Committee, or other high priority needs.

Items 5 and 6 from the above list were reviewed and discussed with the Committee at its November 29, 2017 meeting, but were not included in the FY 2019-23 Preliminary CIP. Staff will continue to pursue grant opportunities, where appropriate, for projects in the CIP. Successful funding of the FY 2019-23 Preliminary CIP is not contingent upon receiving additional grant funding or reducing the Open Space Credit.

The projects identified as high priority by the CIP Committee were incorporated into the FY 2019-23 Preliminary CIP by modifying seven existing projects and adding one new project to the CIP:

1. **Watershed Enhancement Design and Construction** (new Project). This project provides funding to design and construct fish habitat enhancements at Ogier Ponds and Metcalf Ponds, if feasible projects are identified and Board approval is given to proceed. The funding for design and construction of these projects is contingent on a successful FAHCE settlement. Funding for these projects will come from Funds 12 and 61 (see Attachment 2 for funding and schedule details). Preliminary results of the Ogier Pond Feasibility Study will be presented to the FAHCE Ad-Hoc Committee in January 2018, and to the full Board in January or February 2018.
2. **Coyote Creek, Montague Expressway to Tully Road** (26174043). This project is modified to include \$70M for construction to provide flood risk reduction from an approximately 20-to 25-year flood event, similar to the level of flooding that occurred on February 21, 2017.
3. **FAHCE Stevens Creek Fish Passage Enhancements** (000294001). This project is modified to include an additional \$15M for removal of fish barriers and construction of fish passage enhancements along Stevens Creek. An opportunity to improve the Moffett Boulevard Fish Ladder in conjunction with development in Mountain View is being investigated.
4. **Almaden Lake Improvements** (26044001) was modified to include approximately \$20M for construction. Staff recommends that the Safe Clean Water (SCW) funding earmarked for construction of one creek lake separation project in SCW Priority D4 (\$13M) be used for Almaden Lake. The remaining \$7M of necessary funding could be obtained from either SCW Priority D6 – Creek Restoration and Stabilization or SCW Priority B2 – Impaired Water Bodies Improvement. Aligning SCW Key Performance Indicators (KPIs) with capital projects will allow the District to both construct the capital projects and meet the SCW KPIs.
5. **SCW Implementation Fund** (26C40370). This is a placeholder for as-yet undefined SCW projects. This fund is being revised to retain only Fund 26 monies. A total of \$10M each will be returned to Fund 12 and Fund 61. The remaining monies (approximately \$23M) are dedicated to SCW Priority D6 – Creek Restoration and Stabilization and Priority D7 - Partnerships for the Conservation of Habitat Lands.
6. **Upper Penitencia Creek, Coyote Creek to Dorel Drive Project** (40324003s). Approximately \$2M is included in the CIP in FY18 and FY19 to complete planning for this project. Design and construction will be suspended starting in FY20. The remainder of funding for this project is proposed to be reprogrammed to Coyote Creek, Montague Expressway to Tully Road Project.
7. **Berryessa Creek, Lower Penitencia Creek to Calaveras Blvd. -Phase 3** (40C40397). The schedule is modified to initiate the design phase in FY21 and initiate the fully-funded \$50M construction phase in FY25.
8. **Watersheds Asset Rehabilitation Program** (62084001). This Program is modified to include a minimum of \$8M in funding each year to continue with channel erosion repairs. At this rate of funding, the identified work will not be completed until after 2034. There is staff capacity to complete more than \$8M per year in repairs if funding is available. Further analysis of this option is underway.

The staff CIP Group met in late November 2017 to evaluate priority criteria and scoring for capital projects and to review the unfunded CIP projects (Attachment 3). There are a number of additional Water Utility activities that staff proposes be included in the FY 2019-23 CIP. The project proposals for the following activities are

being finalized to determine if these activities will best be delivered as new projects, incorporated into existing projects, or constructed by partner agencies pursuant to cost sharing agreements:

1. Treated Water Isolation Valves at; a) Milpitas Pipeline – upstream of the existing Milpitas turnout; b) West Pipeline – upstream of the Cox turnout; c) West Pipeline – downstream of the Mann turnout.
2. Westside Retailer Interties to retailer wells at two locations in the West treated water system: a) Near the City of Santa Clara's turnout at the end of the Santa Clara Distributary; and b) Near the City of Mountain View's turnout at the end of the Mountain View Distributary.
3. Pacheco Pumping Plant (PPP) Fire Protection Improvement Project, Priority 1 improvements

The recommended FY 2019-23 Preliminary CIP is included as Attachment 1. A validation process is used to systematically evaluate the business case for a proposed capital investment in infrastructure or in natural assets. This helps ensure that the District invests in the right solutions or projects at the right time for the right costs and for the right reasons. All the projects included in the Preliminary FY 2019-23 CIP have been validated with the exception of those initiated per Board direction.

ATTACHMENT(S):

Attachment 1: Draft Preliminary CIP

Attachment 2: Scenario 9

Attachment 3: Summary of Unfunded Projects

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PRELIMINARY FY19 - 23 CIP

PRELIMINARY CIP

Water Supply Projects

Revenue Sources: Groundwater Charges

FY 2019 5-Year CIP Data

FY 19			A	B	A + B		Project Schedule (FY19)	Funded By	Zone W-2 %	Zone W-5 %
Priority 75/25	Number	Project Name	Planned Spending thru FY18*	Remaining Cost to Completion	FY19 Plnd Expnd	FY19-33 Project Value				

Values last updated: 12/07/17 (All values are in thousands)

FY 2019 - 2023 CIP

Water Supply - Storage

50	91854001	Almaden Dam Improvements	12,794	48,703	3,336	61,497	1,903	Plng/Des	W-2	100%	
100	91864005	Anderson Dam Seismic Retrofit (C1)	39,518	402,803	9,005	442,321	(2,226)	Plng/Des	W-2/W-5/SCW	77%	23%
92	91084020s	Calero and Guadalupe Dams Seismic Retrofits	26,202	145,521	4,331	171,723	12,108	Plng/Des	W-2	100%	
92	91084020	Calero and Guadalupe Dams Seismic Retrofits - Planning	8,977	373	209	9,350	(357)	Plng	W-2	100%	
92	91874004	Calero Dam Seismic Retrofit - Design & Construct	9,680	82,746	2,895	92,426	9,606	Design	W-2	100%	
92	91894002	Guadalupe Dam Seismic Retrofit - Design & Construct	7,545	62,402	1,227	69,947	2,859	Design	W-2	100%	
70	91234002	Coyote Pumping Plant ASD Replacement	536	15,374	1,927	15,910	(341)	FY19	W-2	100%	
48	91234011	Coyote Warehouse	5,943	528	528	6,471	81	Des/Const	W-2/W-5	87%	13%
92	91084019	Dam Seismic Stability Evaluation	18,779	10,603	1,254	29,382	9,606	Plng	W-2/W-5	72%	28%
52	60954001	Pacheco Reservoir Feasibility Study	2,250	14,176	14,176	16,426	16,426	Plng	W-2/W-5	79%	21%
76	91214010s	Small Capital Improvements, San Felipe Reach 1-3	2,457	41,659	2,200	44,116	11,032	Continuing	W-2/W-5	79%	21%
Subtotal:			108,479	679,367	36,757	787,846					

Water Supply - Transmission

78	95084002	10-Year Pipeline Rehabilitation (FY18-FY27)	16,170	98,034	17,590	114,204	16,976	Plng/Des	W-2/W-5	95%	5%
73	92C40357	FAHCE Implementation	0	145,108	0	145,108	0	Plng	W-2	100%	
62	26C40349	IRP2 Additional Line Valves (A3)	0	11,561	1,392	11,561	(235)	Plng	SCW		
70	26564001	Main & Madrone Pipelines Restoration (A1)	17,411	292	292	17,703	(4)	Des	SCW		100%
75	91214001	Pacheco Conduit Inspection and Rehabilitation	9,452	0	0	9,452	2,421	Construction	W-2/W-5	79%	21%
75	92144001	Pacheco/Santa Clara Conduit Right of Way Acquisition	2,895	1,892	1,585	4,787	(31)	Des	W-2/W-5	79%	21%
83	94384002s	Penitencia Delivery Main/Force Main Seismic Retrofit	32,728	0	0	32,728	(2,533)	Construction	W-2	100%	
74	92374005	SCADA Remote Architecture & Communications Upgrade	962	5,986	182	6,948	(79)	Plng	W-2/W-5	83%	17%
73	92764009	Small Capital Improvements, Raw Water Transmission	321	3,439	72	3,760	6	Continuing	W-2/W-5	83%	17%
73	94764006	Small Capital Improvements, Treated Water Transmission	0	139	139	139	(5)	Continuing	W-2	100%	
62	94C40404	Treated Water Isolation Valves	0	7,403	506	7,403	7,403	Plng	W-2	100%	
67	92264001	Vasona Pumping Plant Upgrade	521	20,668	852	21,189	267	Plng	W-2	100%	
76	94C40405	Westside Retailer Interties	0	1,727	64	1,727	1,727	Plng	W-2	100%	

PRELIMINARY FY19 - 23 CIP

PRELIMINARY CIP

Water Supply Projects

Revenue Sources: Groundwater Charges

FY 2019 5-Year CIP Data

FY 19			A	B	A + B		Project	Zone	Zone		
Priority	Number	Project Name	Planned Spending thru FY18*	Remaining Cost to Completion	FY19 Plnd Expnd	FY19-33 Project Value	Change from FY18	Schedule (FY19)	Funded By	W-2 %	W-5 %
Values last updated: 12/07/17 (All values are in thousands)											
Subtotal:			80,460	296,249	22,674	376,709					

PRELIMINARY FY19 - 23 CIP

PRELIMINARY CIP

Water Supply Projects

Revenue Sources: Groundwater Charges

FY 2019 5-Year CIP Data

FY 19			A	B	A + B		Project	Zone	Zone		
Priority	Number	Project Name	Planned Spending thru FY18*	Remaining Cost to Completion	FY19 Plnd Expnd	FY19-33 Project Value	Change from FY18	Schedule (FY19)	Funded By	W-2 %	W-5 %

Values last updated: 12/07/17 (All values are in thousands)

Water Supply - Treatment

47	93084011	Fluoridation at WTPs	10,409	0	0	10,409	248	Construction	W-2	100%
67	93764003	IRP2 WTP Ops Bldgs Seismic Retrofit	22,300	0	0	22,300	(205)	Const/Close	W-2	100%
66	93234043	PWTP Clearwell Recoating & Repair	6,512	0	0	6,512	62	Const/Close	W-2	100%
74	93234044	PWTP Residuals Management	0	9,807	679	9,807	(193)	Plng	W-2	100%
84	93294051	RWTP FRP Residuals Management Modifications	35,756	28,440	3,297	64,196	12,480	Construction	W-2	100%
91	93294057	RWTP Reliability Improvement	164,346	125,043	47,155	289,389	(1,494)	Construction	W-2	100%
84	93294056	RWTP Treated Water Valves Upgrade	8,593	203	181	8,796	(143)	Construction	W-2	100%
73	93764004	Small Capital Improvements, Water Treatment	2,512	42,382	6,226	44,894	(3,822)	Continuing	W-2	100%
Subtotal:			250,428	205,875	57,538	456,303				

Water Supply - Recycled Water

71	91304001s	Expedited Purified Water Program (EPWP)	16,767	22,667	7,002	39,434	(599,177)	Plng/Des	W-2	100%
71	91C40389	Long-Term Purified Water Program Elements	0	367,551	0	367,551	12,251	FY23	W-2	100%
53	91184008	Silicon Valley Advanced Water Purification Center	76,650	36	36	76,686	0	Closed	W-2	100%
52	91094007s	South County Recycled Water Pipeline	24,229	25,476	10,713	49,705	2,779	Des/Const	W-5	100%
61	91244001	Wolfe Road Recycled Water Pipeline	15,027	0	0	15,027	1	Const/Close	W-2	100%
Subtotal:			132,673	415,730	17,751	548,403				

Water Supply Total:

572,040	1,597,221	134,720	2,169,261
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PRELIMINARY FY19 - 23 CIP

PRELIMINARY CIP

Water Supply Projects

Revenue Sources: Groundwater Charges

FY 2019 5-Year CIP Data

FY 19			A	B	A + B		Project	Zone	Zone		
Priority	Number	Project Name	Planned Spending thru FY18*	Remaining Cost to Completion	FY19 Plnd Expnd	FY19-33 Project Value	Change from FY18	Schedule (FY19)	Funded By	W-2 %	W-5 %

Values last updated: 12/07/17 (All values are in thousands)

Validated - Unfunded Projects

28	92404003	Alamitos Diversion Dam Improvements	838	2,083	0	2,921	(262)		W-2	100%	
28	92484003	Coyote Diversion Dam Improvements	323	2,024	0	2,347	(114)		W-2	100%	
72	91C40320	Dam Seismic Retrofit at 2 Dams (Chesbro & Uvas)	0	89,500	0	89,500	0		W-5	0%	100%
25	91C40375	Land Rights - South County Recycled Water PL	0	5,816	0	5,816	0		W-5	0%	100%
52	91C40399	Pacheco Reservoir Expansion Project -Design (Fund 61)	0	1,179,018	0	1,179,018	1,159,406		W-2/W-5	79%	21%
62	00024006	SCADA Small Capital Improvements	0	19,612	0	19,612	0		W-2/W-5	83%	17%
32	91C40395	So. County Recycled Water Reservoir Expansion	0	6,000	0	6,000	(1,000)		W-5	0%	100%
Unfunded Total:			1,161	1,307,402	0	1,305,305					

Legend:

- Black - Black Text: Continuing projects or projects carried forward from the FY 18 CIP
- Gray - Gray Text: Individual projects considered part of a group or family of projects
- Orange - Orange Text: Projects to be completed or cancelled in FY 2018
- Blue - Blue Text: New projects proposed for the FY 19 CIP
- * - Column A: Actuals spent through prior year + planned expenditures in current year

PRELIMINARY FY19 - 23 CIP

Flood Protection Projects

Revenue Sources: COP Proceeds, CSC Special Tax, Property Tax, Subventions

PRELIMINARY CIP

FY 2019 5-Year CIP Data

FY 19			A	B	A + B		Project		
Priority	Number	Project Name	Planned Spending thru FY18*	Remaining Cost to Completion	FY19 Plnd Expnd	FY19-33 Project Value	Change from FY18	Schedule (FY19)	Funded By

Values last updated: 12/07/17 (All values are in thousands)

FY 2019 - 2023 CIP

Lower Peninsula Watershed

56	10394001	Palo Alto Flood Basin Tide Gate Structure Improvements	1,731	0	0	1,731	73	Construction	PT
62	10244001s	Permanente Creek, SF Bay to Foothill Expressway	91,022	993	993	92,015	(415)	Construction	PT/CSC
78	10284007s	San Francisquito Creek, SF Bay thru Searsville Dam (E5)	52,409	13,076	6,947	65,485	6,539	Des/Const	PT/CSC/SCW
Subtotal:			145,162	14,069	7,940	159,231			

West Valley Watershed

63	20194005	San Tomas Creek, Quito Road Bridge Replacement	681	0	0	681	(6)	Const/Close	PT
65	26074002	Sunnyvale East and West Channels	18,623	51,398	20,093	70,021	1,540	Construction	CSC
Subtotal:			19,304	51,398	20,093	70,702			

Guadalupe Watershed

68	26154001s	Guadalupe River–Upper, I-280 to Blossom Hill Road (E8)	97,324	69,177	37,306	166,501	-17,550	Des/Const	CSC/SCW
Subtotal:			97,324	69,177	37,306	166,501			

Coyote Watershed

76	26174041s	Berryessa Creek, Calaveras Boulevard to Interstate 680	42,061	6,188	5,970	48,249	(9,361)	Design	CSC
68	40174004s	Berryessa Ck, Lower Penitencia Ck to Calaveras Blvd	105,888	73,395	18,926	179,283	46,456	Des/Const	PT
62	26174043	Coyote Creek, Montague Expressway to Tully Road (E3)	10,983	68,107	188	79,090	42,504	Plng	CSC
83	40264011	Cunningham Flood Detention Certification	10,388	1,288	1,019	11,676	942	Construction	PT
65	40334005	Lower Penitencia Ck Improvements, Berryessa to Coyote Cks.	8,351	18,770	7,788	27,121	(920)	Des/Const	PT
98	40264007s	Lower Silver Creek, I-680 to Cunningham (Reach 4-6)	99,560	976	621	100,536	(1,416)	Construction	Sub
66	40324003s	Upper Penitencia Creek, Coyote Creek to Dorel Drive	15,034	2,365	0	17,399	(46,307)	Plng/Des	PT/SCW
Subtotal:			292,265	171,089	34,512	463,354			

Uvas/Llagas Watershed

65	50284010	Llagas Creek–Lower, Capacity Restoration, Buena Vista Road to Pajaro River	3,376	10,503	1,515	13,879	(1,479)	Design	Sub
70	26174051s	Llagas Creek–Upper, Buena Vista Avenue to Llagas Road	87,501	75,078	36,856	162,579	(9,419)	Construction	CSC/SCW

PRELIMINARY FY19 - 23 CIP

PRELIMINARY CIP

Flood Protection Projects

Revenue Sources: COP Proceeds, CSC Special Tax, Property Tax, Subventions

FY 2019 5-Year CIP Data

FY 19			A	B	A + B		Project		
Priority	Number	Project Name	Planned Spending thru FY18*	Remaining Cost to Completion	FY19 Plnd Expnd	FY19-33 Project Value	Change from FY18	Schedule (FY19)	Funded By

Values last updated: 12/07/17 (All values are in thousands)

Subtotal: 90,877 85,581 38,371 176,458

Multiple Watershed

74	00044026s	San Francisco Bay Shoreline (E7)	28,204	14,172	4,465	42,376	(5,930)	Des/Const	PT
74	62084001	Watersheds Asset Rehabilitation Program	19,217	165,841	11,517	185,058	118,207	Plng/Des/Cons	PT

Subtotal: 47,421 180,013 15,982 227,434

Flood Protection Total: 692,353 571,327 154,204 1,263,680

Validated - Unfunded Projects

58	62X40392	Watersheds Asset Rehabilitation Program - Unfunded Work	0	104,051	0	104,051			
74	26C40229	SF Bay Shoreline EIA 11 (Construction)	0	35,000	0	35,000			

Unfunded Total: 0 139,051 0 139,051

Legend:

- Black - Black Text: Continuing projects or projects carried forward from the FY 18 CIP
- Orange - Orange Text: Projects to be completed or cancelled in FY 2018
- Blue - Blue Text: New projects proposed for the FY 19 CIP
- * - Column A: Actuals spent through prior year + planned expenditures in current year

PRELIMINARY FY19 - 23 CIP

Water Resources Stewardship Projects

Revenue Sources: Groundwater Charges, Property Tax, Subventions

PRELIMINARY CIP

FY 2019 5-Year CIP Data

FY 19			A	B	A + B		Project		Zone	Zone	
Priority	Number	Project Name	Planned Spending thru FY18*	Remaining Cost to Completion	FY19 Plnd Expnd	FY19-33 Project Value	Change from FY18	Schedule (FY19)	Funded By	W-2 %	W-5 %

Values last updated: 12/07/17 (All values are in thousands)

FY 2019 - 2023 CIP

Mitigation (All Mitigation projects are required per CEQA or other Regulation and therefore do not receive a score)

62184001	SMP Mitigation, Stream and Watershed Land Preservation	16,734	0	0	16,734	1	Continuing	PT		
Subtotal:		16,734	0	0	16,734					

Environmental Enhancement & Stewardship

Coyote Watershed

78	95C40400	Metcalf Ponds Design & Construction	0	32,172	0	32,172	32,172	PIng		
78	00C40401s	Ogier Ponds Design & Construction	0	34,588	0	34,588	34,588	PIng		

Lower Peninsula Watershed

40	62C40403	Stevens Creek Fish Barrier Removal - 100%	0	14,886	0	14,886	14,886	PIng		
72	00294001s	FAHCE Stevens Creek Fish Passage Enhancement D4.x	850	20,284	0	21,134	15,394	PIng	W-2 (90%)/PT(10%)	100%
77	26164001	Hale Creek Enhancement Pilot Study (D6)	2,228	2,603	2,603	4,831	(93)	Const/Close	CSC/SCW	

Guadalupe Watershed

85	26044001	Almaden Lake Improvements (D4.1a)	3,354	19,238	17,529	22,592	17,932	Des	CSC/SCW	
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Multiple Watersheds (Lower Peninsula, Guadalupe, Coyote, Uvas/Llagas)

50	20444001	Salt Ponds A5-11 Restoration	4,536	4,286	545	8,822	317	PIng/Des	PT/SCW	
80	26044002	SCW Fish Passage Improvements (D4.3; Bolsa Road) (Evelyn Ave. & Bolsa Rd.)	2,955	1,325	1,325	4,280	(2,021)	Des/Const	SCW	
75	26C40370	SCW Implementation Fund	0	49,976	4,277	49,976	(12,935)	PIng	SCW	
43	26444003	South Bay Salt Ponds Restoration (D8)	1,867	1,970	1,970	3,837	(275)	PIng	SCW	

Subtotal: 15,790 181,328 28,249 197,118

Feasibility Studies

62044001	Watershed Habitat Enhancement Studies	1,191	1,082	1,082	2,273	-103	N/A	PT		
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Subtotal: 1,191 1,082 1,082 2,273

Water Resources Stewardship Total: 33,715 182,410 29,331 216,125

PRELIMINARY FY19 - 23 CIP

Water Resources Stewardship Projects

Revenue Sources: Groundwater Charges, Property Tax, Subventions

PRELIMINARY CIP

FY 2019 5-Year CIP Data

FY 19			A	B	A + B		Project	Zone	Zone		
Priority	Number	Project Name	Planned Spending thru FY18*	Remaining Cost to Completion	FY19 Plnd Expnd	FY19-33 Project Value	Change from FY18	Schedule (FY19)	Funded By	W-2 %	W-5 %
Values last updated: 12/07/17 (All values are in thousands)											

Validated - Unfunded Projects

Stewardship

None	-	0	0	0	0
Unfunded Stewardship Total:			0	0	0

NOTES:

- 1) Implementation of the Mitigation projects is considered non-discretionary since they are needed to meet California Environmental Quality Act (CEQA) or regulatory commitments. Therefore, a priority score is not required.
- 2) Environmental Enhancement projects are implemented at the discretion of the Board. Projects may go through a ranking process to compete for CSC funds or the board may direct that other available revenue be used to implement the proposed projects.

Legend:

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- Orange - Orange Text: Projects to be completed or cancelled in FY 2018
- Blue - Blue Text: New projects proposed for the FY 19 CIP
- * - Column A: Actuals spent through prior year + planned expenditures in current year

Definitions:

- CSC - funded by revenue from Clean Safe Creeks program
- PT - funded by revenue from Property Tax
- W-5 - South Zone; revenue is allocated based on % of benefit to the zone
- W-2 - North Zone; revenue is allocated based on % of benefit to the zone

PRELIMINARY FY19 - 23 CIP

Buildings and Grounds Projects

Revenue Source: Groundwater Charges, Property Tax

PRELIMINARY CIP

FY 2019 5-Year CIP Data

FY 19			A	B	A + B		Project	Funded	WUE	WSS	SCW	
Priority	Number	Project Name	Planned Spending thru FY18*	Remaining Cost to Completion	FY19 Plnd Expnd	FY19-33 Project Value	Change from FY18	Schedule (FY19)	By	%	%	%

Values last updated: 12/07/17 (All values are in thousands)

FY 2019 - 2023 CIP

73	60204016	Almaden and Winfield Campus, Small Capital Improvements	2,000	39,367	2,072	41,367	1,187	Continuing	PT/W-2/W-5	60%	40%	0%
65	60204032	Headquarters Operations Building	20	17,343	2,081	17,363	(456)	FY19	PT/W-2/W-5	60%	40%	0%
<i>70</i>	<i>60204021</i>	<i>Winfield Capital Improvements</i>	<i>1,784</i>	<i>0</i>	<i>0</i>	<i>1,784</i>	<i>(267)</i>	<i>On Hold</i>	<i>PT/W-2/W-5</i>	<i>24%</i>	<i>63%</i>	<i>13%</i>

Buildings & Grounds Total:

3,804	56,710	4,153	60,514
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Validated - Unfunded Projects

70	60C40363	Fleet and Facility Annex Improvements	0	4,719	0	4,719			PT/W-2/W-5	60%	40%	0%
Unfunded Total:			0	4,719	0	4,719						

Legend:

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- Orange - Orange Text: *Projects to be completed or cancelled in FY 2018*
- Blue - Blue Text: *New projects proposed for the FY 19 CIP*
- * - Column A: Actuals spent through prior year + planned expenditures in current year

PRELIMINARY FY19 - 23 CIP

Information Technology Projects

Revenue Source: Groundwater Charges, Property Tax

PRELIMINARY CIP

FY 2019 5-Year CIP Data

FY 19			A	B		A + B		Project				
Priority	Number	Project Name	Planned Spending thru FY18*	Remaining Cost to Completion	FY19 Plnd Expnd	FY19-33 Project Value	Change from FY18	Schedule (FY19)	Funded By	WUE %	WSS %	SCW %

Values last updated: 12/07/17 (All values are in thousands)

FY 2019 - 2023 CIP

44	73274010	Boardroom Technology Upgrade	819	462	462	1,281	463	Ing/Des/Con:	PT/W-2/W-5	65%	35%	0%
34	73274009	Data Consolidation	790	261	261	1,051	(159)	Construction	PT/W-2/W-5	65%	35%	0%
56	73274011	E-Discovery Management System	545	0	0	545	(5)	Ing/Des/Con	PT/W-2/W-5	65%	35%	0%
46	73274001	IT Disaster Recovery	1,955	0	0	1,955	(441)	Construction	PT/W-2/W-5	65%	35%	0%
63	60274062s	PeopleSoft System Upgrade & Expansion	6,000	12,895	9,805	18,895	437	Construction	PT/W-2/W-5	65%	35%	0%
63	73274007	Vena Software Implementation	985	16	16	1,001	1,001	Construction	PT/W-2/W-5	65%	35%	0%
54	73274008	Software Upgrades & Enhancements	1,575	16,681	828	18,256	(273)	Construction	PT/W-2/W-5	65%	35%	0%
46	95274003	WTP-WQL Network Equipment	2,188	10,597	536	12,785	(69)	Construction	PT/W-2/W-5	100%	0%	0%

Information Technology Total: 14,857 40,912 11,908 55,769

Validated - Unfunded Projects

None	-	0	0	0	0
Unfunded Total:		0	0	0	0

Legend:

Black - Black Text: Continuing projects or projects carried forward from the FY 18 CIP

Orange - Orange Text: Projects to be completed or cancelled in FY 2018

Blue - Blue Text: New projects proposed for the FY 19 CIP

* - Column A: Actuals spent through prior year + planned expenditures in current year

CIP GRAND TOTAL: 1,316,769 2,448,580 334,316 3,765,349 76,059

Scenario 9: Straight into Construction Prioritized for Funding, with Upper Penitencia Creek Planning

(FAHCE Settlement assumed in FY-21)

Fund	Number	Name	Total Estimated cost (\$M)	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30
12	62084001	Watersheds Asset Rehabilitation Program (\$8M/yr.)														
26	26044001	Almaden Lake Improvements (D4.1a) (Const \$20M)	21													
12	40C40397	Berryessa Ck, Lower Penitencia Ck to Calaveras Blvd Phs 3	56													
26/12	26174043	Coyote Creek, 25 YR project Montague Expway to Tully Rd (26/53)	79													
61/12		Ogier Pond/Coyote Creek Separation	26													
61		Metcalfe Pond/Coyote Creek Separation	26													
61/12		Stevens Creek Fish Passage Barriers	15													
26	26324001	Upper Penitencia Ck, Coyote Ck-Dorel Dr, Corps (E4)	53													

Planning - Funded		Unfunded
Design - Funded		Unfunded
Permits - Funded		Unfunded
Construction - Funded	Funded at 40-60%	Unfunded

Notes

- 1 Schedule information is simplified to show only the dominant activity in a given year.
- 2 Based on the FY2018-22 CIP and updates provided in the Alternative Financial Analysis - Starting Point for Scenarios presented at 9/18/17 meeting.
- 3 Almaden Lake constructed with Fund 26 revenue (\$13M) from D4 and (\$7M) from D6 Creek Restoration and/or B2 TMDLs .
- 4 D7 Partnership for the Conservation of Habitat Land Fund 12 (\$10M) redirected to Watersheds Asset Rehabilitation Program (\$8M /yr)
- 5 Upper Penitencia Ck, Coyote Ck-Dorel Dr stopped in FY-21 after planning.
- 6 FAHCE Settlement in FY21, WUE funds 50% of Ogier, 100% of Metcalfe, Stevens Ck at Moffett.
- 7 Assumes Fund 12 Revenue continues after FY27 (~ \$10M/yr.)
- 8 Does not include grants or open space credit revenue.
- 9 Berryessa Creek is moved to FY21 start to avoid a gap between permitting and available funding for construction.
- 10 includes initial planning for Upper Penitencia Creek.

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**Summary of Unfunded Projects
(November 2017)**

	Priority #	Project Type	Project Name	Estimated CIP Cost (\$M)	Date Validation Signed	Comments
1	72	WS - Storage	Dam Seismic Stability Chesbro & Uvas	90	n/a	Placeholder, exempt from validation until planning
2		WS - Storage	Delta Solutions		n/a	Placeholder, exact project not yet defined (\$228M placeholder in Ops forecast)
3		WS - Storage	PPP Fire Protection Improvement Project			Replace the existing fire alarm panel include an automatic fire suppression system Priority 1 activities included in The Small Cap Project for FY 19
4		WS - Storage	PPP Fire Protection Improvement Project			Replace the existing fire alarm panel include an automatic fire suppression system Priority 2 and 3 activities unfunded
5		WS - Storage	Pacheco Reservoir	16	Board directed	Grant application and planning activities required to position the District to comply with grant if received.
6		WS - Storage	Pacheco Reservoir Design & Construction	500		Total Project cost estimated at \$1B, assume that \$500k paid for by grant
7	62	WS - Transmission	SCADA Small Capital Improvements	20	8/3/2012	
8		WS - Transmission	Alamitos Diversion Dam Improvement	4		Can be constructed with FAHCE Implementation funds
9		WS - Transmission	Coyote Diversion Dam Improvements	3		Can be constructed with FAHCE Implementation funds
10		WS - Transmission	Treated Water Isolation Valves	2	9/21/2017	Milpitas Pipeline – u/s of exist. Milpitas turnout, West Pipeline – u/s of Cox turnout, West Pipeline – d/s of Mann turnout. Could be added to Additional Line Valves or 10 yr PL rehab Projects.
11		WS - Transmission	Westside Retailer Interties	1	9/14/2017	Construct interties to retailer wells at two locations in the West treated water system. 1) City of Santa Clara’s turnout at the end of the Santa Clara Distributary, 2) City of Mountain View’s turnout at the end of the Mountain View Distributary.
12		WS - Transmission	Great Oaks Intertie	1	9/14/2017	Construct intertie from the Great Oaks retailer system to the Snell Pipeline.
13	25	WS - Recycle	Land Rights - South County Recycled Water Pipeline	6	8/19/2013	
14		WS - Recycled	So. County Recycled Water Reservoir Expansion	7	10/7/2016	Expand existing storage at SCRW Plant from 3M gal. to 9M gal. capacity

	Priority #	Project Type	Project Name	Estimated CIP Cost (\$M)	Date Validation Signed	Comments
15	68	FP - Coyote	Berryessa Ck, Lower Penitencia Ck to Calaveras Blvd. -Phase 3 Construction (Upper Calera and Tularcitos Creeks) Construction	50	exempted	Although Phase 1 and 2 of the Berryessa Creek Project (401740054 & 40174005) will provide the new Berryessa BART station with protection from the 100-year flood event, only 297 of the approximately 1823 parcels in the Berryessa floodplain will be removed from the floodplain without construction of Phase 3.
16		FP - Coyote	Upper Penitencia Creek, Coyote Creek to Dorel Drive	49	Board directed	Funding suspended in FY-19 \$49M in SCW revenue released to fund 26 (to use for Mid-Coyote Ck).
17	74	FP - Multi	SF Bay Shoreline EIA 11 Construction	35	additional docs required	Construction is not yet validated (only Plng & Des)
18	63	FP - Multi	Erosion Repair Project	91	9/22/2015	Up to \$170M identified work. Project partially funded starting in FY-17. \$79M funded or complete 11/16. FY- 19 Prelim CIP \$159 complete or funded by 2033
19		WRS - Stewardship	Stevens Creek Fish Passage Enhancements	15	Board directed	Design and Construction of Fish Passage Enhancements that are not part of FAHCE
20		WRS - Stewardship	Ogier Ponds fish habitat enhancements	26	Board directed	Project identified in FAHCE 50% funded by WUE & 50% Fund 12
21		WRS - Stewardship	Metcalf Ponds fish habitat enhancements	26	Board directed	Project identified in FAHCE 100% funded by WUE
22	85	WRS - Stewardship	Lk Almaden/Guad Riv/Alamitos Ck Restoration - Construction	20	exempted	Eligible for SCW construction funding (Funding being held in 26C40370)
23	70	B & G	Fleet and Facility Annex Improvements	5	7/26/2012	

Proposed FY 2019-23 CIP will reduce the amount of unfunded Projects

Unfunded Water Supply Projects	650	631	
Unfunded Flood Protection Projects	225	175	
Unfunded Water Resources Stewardship Projects	87	0	
Unfunded Building & Grounds Projects	5	5	Newly Validated for FY-19
Unfunded IT Projects	0	0	Recommended to be added to the FY 2019-23 CIP
Subtotal all Validated, but Unfunded Projects in FY18 (\$M)	967	810	



Committee: CIP
Meeting Date: 12/11/17
Agenda Item No.: 4.2
Unclassified Manger: Christopher Hakes / Ngoc Nguyen
Email: chakes@valleywater.org
nnguyen@valleywater.org

COMMITTEE AGENDA MEMO

SUBJECT: Review and Discuss Revisions to the Capital Improvement Program Priority Ranking Criteria and Related Prioritization Outcomes.

RECOMMENDED ACTION:

- A. Review and discuss revisions to the Capital Improvement Program (CIP) Priority Ranking Criteria and related prioritization outcomes; and
- B. Recommend the revised Capital Improvement Program (CIP) Priority Ranking Criteria be presented to the full Board on January 9, 2018.

SUMMARY:

The purpose of this agenda item is for the Committee to review and discuss the CIP Priority Ranking Criteria and the resultant priority scores for the projects in the Preliminary FY 2019-23 CIP.

Staff reviewed the CIP Priority Ranking Criteria used in the FY 2018-22 CIP at the Staff CIP meeting on November 29, 2017. The Staff Committee decided that after making extensive revisions to the criteria for the FY-18 CIP, additional revisions to the criteria were not required at this time. The priority ranking for all projects has been reviewed and all new projects proposed for inclusion in the FY-2019-23 CIP have been prioritized. The prioritization criteria is included as Attachment 1 for the Committee's review.

Staff recommends the Board CIP Committee review the current prioritization criteria and associated outcomes, and approve revisions to be presented to the full Board on January 9, 2017 or provide further refinements to the criteria.

ATTACHMENT(S):

Attachment 1: Priority Ranking Criteria for FY 2019-23 CIP

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WATER SUPPLY PROJECTS Priority Ranking Criteria

NORMALIZED PRIORITY SCORE =
RAW SCORE =

Project Name Here

PRIMARY OBJECTIVE (75%)	<p>Water Supply (E 2) 75</p> <p>A1 <input type="checkbox"/> I <input type="checkbox"/> P Project maintains existing water utility infrastructure or is required to meet the current and future water supply demand, comply with water quality standards or meet other regulatory requirements. OR I = Impact (H, M, L); P = Probability (H, M, L)</p> <p>A2 <input checked="" type="checkbox"/> H <input checked="" type="checkbox"/> H Project expands water utility infrastructure or provides additional water supply to meet current or near future demand. I = Impact (H, M, L); P = Probability (H, M, L)</p> <p>B <input checked="" type="checkbox"/> H Project increases water supply portfolio, increases operation flexibility, improves maintenance capabilities, adds efficiency, or improves post-disaster reliability of water utility infrastructure [Example: improving the systematic reliability of water utility infrastructure to continually perform during and after a devastating event; improving the systematic flexibility of water utility infrastructure to utilize various source water; or adding redundancy so infrastructure can be taken off-line for maintenance]. (H, M, L)</p> <p>C <input type="checkbox"/> I Timing of when project is needed to meet water supply demands, water quality standards, or other regulations. (I = Immediately (0-3 yrs.); S = Short-term (3-5 yrs.); L = Long-term (5+ yrs.))</p>
COMMUNITY ENGAGEMENT (7.5%)	<p>Social Factor - Check if applicable 8</p> <p><input checked="" type="checkbox"/> Promotes Emergency Recovery <input checked="" type="checkbox"/> Address projected water supply demand indentified by Cities/County</p> <p>Positive Interaction (E 4) - Check all that apply</p> <p><input checked="" type="checkbox"/> With the Community <input checked="" type="checkbox"/> With other agencies</p>
ENVIRONMENTAL SUSTAINABILITY (7.5%)	<p>Water Quality (E 3.2) - Check if applicable 4</p> <p><input checked="" type="checkbox"/> Promotes drinking water quality <input type="checkbox"/> Protects Ground Water</p> <p><input type="checkbox"/> Protects Surface Water <input type="checkbox"/> Addresses Storm Water issues</p> <p>Natural Resources Sustainability (E 3.2) - Check all that apply</p> <p><input checked="" type="checkbox"/> Promotes water use efficiency <input type="checkbox"/> Reduces reliance on imported water</p> <p><input type="checkbox"/> Promotes stream management <input type="checkbox"/> Encourages Water Conservation</p> <p><input type="checkbox"/> Protects Upland or Wetland Habitat <input type="checkbox"/> Expands or Improves Fish Habitat</p> <p><input type="checkbox"/> Includes Climate Change Elements <input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features</p>
COST RECOVERY (10%)	<p>Lifecycle costs are minimized - Check One 0</p> <p><input type="checkbox"/> Annual cost savings of more than \$500,000</p> <p><input type="checkbox"/> Annual cost savings of \$200,000 to \$500,000</p> <p><input type="checkbox"/> Annual cost savings of less than \$200,000 (reference ½ PY)</p> <p>Funding Available from Other Agencies - Check One</p> <p><input type="checkbox"/> Over 50% of project costs available from other agencies</p> <p><input type="checkbox"/> 26% to 50% of project costs available from other agencies</p> <p><input type="checkbox"/> Up to 25% of project costs available from other agencies</p>

FLOOD PROTECTION PROJECTS

Priority Ranking Criteria

PRIORITY SCORE =

RAW SCORE =

Project Name Here

PRIMARY OBJECTIVE (60%)	<p>Flood Protection (E 3)</p> <table style="width: 100%;"> <tr> <td style="width: 10%; text-align: center;"><input type="checkbox"/> I</td> <td style="width: 10%; text-align: center;"><input type="checkbox"/> P</td> <td></td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> H</td> <td style="text-align: center;"><input checked="" type="checkbox"/> H</td> <td>Project restores existing watershed infrastructure to its intended level of flood protection. I = Impact on home, school, or business parcels (H = 1000+, M = 200 to 1000 , L = <200); P = Probability (H, M, L)</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> H</td> <td></td> <td>Project is a Board or USACE priority, improves watershed infrastructure to achieve the committed level of flood protection, or provides flood protection beyond the level of commitment. (H, M, L)</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> I</td> <td></td> <td>Timing of when the flood protection benefit will be realized by the community. I = Immediate (0-3 years); S = Short-term (3-5 years); L - Long-term (more than 5 years)</td> </tr> </table>	<input type="checkbox"/> I	<input type="checkbox"/> P		<input checked="" type="checkbox"/> H	<input checked="" type="checkbox"/> H	Project restores existing watershed infrastructure to its intended level of flood protection. I = Impact on home, school, or business parcels (H = 1000+, M = 200 to 1000 , L = <200); P = Probability (H, M, L)	<input type="checkbox"/> H		Project is a Board or USACE priority, improves watershed infrastructure to achieve the committed level of flood protection, or provides flood protection beyond the level of commitment. (H, M, L)	<input type="checkbox"/> I		Timing of when the flood protection benefit will be realized by the community. I = Immediate (0-3 years); S = Short-term (3-5 years); L - Long-term (more than 5 years)	60
<input type="checkbox"/> I	<input type="checkbox"/> P													
<input checked="" type="checkbox"/> H	<input checked="" type="checkbox"/> H	Project restores existing watershed infrastructure to its intended level of flood protection. I = Impact on home, school, or business parcels (H = 1000+, M = 200 to 1000 , L = <200); P = Probability (H, M, L)												
<input type="checkbox"/> H		Project is a Board or USACE priority, improves watershed infrastructure to achieve the committed level of flood protection, or provides flood protection beyond the level of commitment. (H, M, L)												
<input type="checkbox"/> I		Timing of when the flood protection benefit will be realized by the community. I = Immediate (0-3 years); S = Short-term (3-5 years); L - Long-term (more than 5 years)												
COMMUNITY ENGAGEMENT (10%)	<p>Positive Interaction (E 4) - Check all that apply</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"><input checked="" type="checkbox"/> With the Community</td> <td style="width: 50%;"><input checked="" type="checkbox"/> With other agencies</td> </tr> </table> <p>Geographic Equitability - Enter "H", "M", or "L"</p> <p><input checked="" type="checkbox"/> H H = ???; M = ???; L = ???</p> <p>Good Neighbor (E 4) - Check all that apply</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"><input checked="" type="checkbox"/> Graffiti removal or Prevention Features</td> <td style="width: 50%;"><input checked="" type="checkbox"/> Improves aesthetics of project location</td> </tr> <tr> <td><input checked="" type="checkbox"/> Trash removal features (vortex weirs)</td> <td></td> </tr> </table>	<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies	<input checked="" type="checkbox"/> Graffiti removal or Prevention Features	<input checked="" type="checkbox"/> Improves aesthetics of project location	<input checked="" type="checkbox"/> Trash removal features (vortex weirs)		10						
<input checked="" type="checkbox"/> With the Community	<input checked="" type="checkbox"/> With other agencies													
<input checked="" type="checkbox"/> Graffiti removal or Prevention Features	<input checked="" type="checkbox"/> Improves aesthetics of project location													
<input checked="" type="checkbox"/> Trash removal features (vortex weirs)														
ENVIRONMENTAL SUSTAINABILITY (15%)	<p>Ecological Function (E 3.1, 4.1)</p> <p><input checked="" type="checkbox"/> Project incorporates at least one of the following: removal of fish barrier; structural improvements to fish habitat; inclusion of riparian habitat (planting, setback or protect in place); inclusion of SRA plantings and/or features designed to improve water temperature; improvements to facilitate habitat connectivity, upland habitat and/or wetland habitat protection or preservation; or reduction of hardscape elements.</p> <p>Physical Function (E 3.2)</p> <p><input checked="" type="checkbox"/> Project incorporates at least one of the following: a holistic watershed approach; energy efficiency; geomorphic design elements; erosion control (sediment source reduction); floodplain connectivity; or protection from sea level rise.</p> <p>Water Quality and Supply (E 3.2)</p> <p><input checked="" type="checkbox"/> Project incorporates TMDL improvements or provides opportunity for recharge</p> <p>Trails & Open Space (E4.2, E4.3) - Check all that apply</p> <p><input checked="" type="checkbox"/> Project incorporates trail friendly features, provides protection or preservation of open space, or provides/improves Bicycle Commute Route</p>	15												
COST RECOVERY (15%)	<p>Funding Available from Other Agencies - Put an "X" in the % column based on the percentage eligible for cost sharing; Put an "H", "M", or "L" in the C column based on the level of confidence</p> <table style="width: 100%;"> <tr> <td style="width: 10%; text-align: center;"><input checked="" type="checkbox"/> %</td> <td style="width: 10%; text-align: center;"><input checked="" type="checkbox"/> C</td> <td>50% or more of project costs available from other agencies % = Percentage of cost provided; C = Confidence Level (H, M, L)</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> %</td> <td style="text-align: center;"><input type="checkbox"/> C</td> <td>26% to 49% of project costs available from other agencies % = Percentage of cost provided; C = Confidence Level (H, M, L)</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/> %</td> <td style="text-align: center;"><input type="checkbox"/> C</td> <td>Up to 25% of project costs available from other agencies % = Percentage of cost provided; C = Confidence Level (H, M, L)</td> </tr> </table>	<input checked="" type="checkbox"/> %	<input checked="" type="checkbox"/> C	50% or more of project costs available from other agencies % = Percentage of cost provided; C = Confidence Level (H, M, L)	<input type="checkbox"/> %	<input type="checkbox"/> C	26% to 49% of project costs available from other agencies % = Percentage of cost provided; C = Confidence Level (H, M, L)	<input type="checkbox"/> %	<input type="checkbox"/> C	Up to 25% of project costs available from other agencies % = Percentage of cost provided; C = Confidence Level (H, M, L)	15			
<input checked="" type="checkbox"/> %	<input checked="" type="checkbox"/> C	50% or more of project costs available from other agencies % = Percentage of cost provided; C = Confidence Level (H, M, L)												
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WATER RESOURCES STEWARDSHIP PROJECTS

Stewardship Priority Ranking Criteria

PRIORITY SCORE =
RAW SCORE =

Project Name _____

PRIMARY OBJECTIVE E (55%)	<p>Stewardship Projects 0</p> <p>A <input type="checkbox"/> Project creates Stewardship features to achieve stewardship commitments. (H, M, L)</p> <p>B <input type="checkbox"/> Stewardship activities beyond the current commitment. (H, M, L)</p>																		
COMMUNITY ENGAGEMENT (15%)	<p>Positive Interaction (E 4) - Check all that apply 0</p> <p><input type="checkbox"/> With the Community <input type="checkbox"/> With other agencies</p> <p>Good Neighbor (E 4) - Check all that apply Education Element</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"><input type="checkbox"/> Graffiti removal or Prevention Features</td> <td style="width: 50%;"><input type="checkbox"/> Promotes water conservation</td> </tr> <tr> <td><input type="checkbox"/> Trash removal features (vortex weirs)</td> <td><input type="checkbox"/> Promotes stream stewardship</td> </tr> <tr> <td><input type="checkbox"/> Improves aesthetics of project location</td> <td><input type="checkbox"/> Promotes flood protection</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Promotes Bay protection</td> </tr> </table>	<input type="checkbox"/> Graffiti removal or Prevention Features	<input type="checkbox"/> Promotes water conservation	<input type="checkbox"/> Trash removal features (vortex weirs)	<input type="checkbox"/> Promotes stream stewardship	<input type="checkbox"/> Improves aesthetics of project location	<input type="checkbox"/> Promotes flood protection		<input type="checkbox"/> Promotes Bay protection										
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	<input type="checkbox"/> Promotes Bay protection																		
ENVIRONMENTAL SUSTAINABILITY (15%)	<p>Ecological Function (E 3.2) - Check all that apply 0</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"><input type="checkbox"/> Fish Barrier Removal / Structural or nonstructural improvement to fish habitat</td> <td style="width: 50%;"><input type="checkbox"/> Upland Habitat Protection/Preservation</td> </tr> <tr> <td><input type="checkbox"/> Riparian Habitat (planting, setback or protect in place)</td> <td><input type="checkbox"/> Wetland Habitat Protection/Preservation</td> </tr> <tr> <td><input type="checkbox"/> SRA Plantings or Improved water temperature</td> <td><input type="checkbox"/> Hardscape Reduction</td> </tr> </table> <p>Physical Stream Function (E 3.2) - Check all that apply</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"><input type="checkbox"/> Holistic Watershed Approach</td> <td style="width: 50%;"><input type="checkbox"/> Erosion Control or Sediment Source Reduction</td> </tr> <tr> <td><input type="checkbox"/> Geomorphologic Design Elements</td> <td></td> </tr> </table> <p>Water Quality (E 3.2) - Check all that apply</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"><input type="checkbox"/> Storm Water Treatment (pervious pavement, green roofs, etc.)</td> <td style="width: 50%;"><input type="checkbox"/> Hazardous Material Removal (Asbestos, Lead, Hydrocarbons, etc.)</td> </tr> <tr> <td><input type="checkbox"/> TMDL Improvements</td> <td></td> </tr> </table> <p>Trails & Open Space (E3.3) - Check all that apply</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"><input type="checkbox"/> Trail friendly features</td> <td style="width: 50%;"><input type="checkbox"/> Open Space Protection / Preservation</td> </tr> <tr> <td><input type="checkbox"/> Provides/Improves Bicycle Commute Route</td> <td><input type="checkbox"/> Climate change elements</td> </tr> </table>	<input type="checkbox"/> Fish Barrier Removal / Structural or nonstructural improvement to fish habitat	<input type="checkbox"/> Upland Habitat Protection/Preservation	<input type="checkbox"/> Riparian Habitat (planting, setback or protect in place)	<input type="checkbox"/> Wetland Habitat Protection/Preservation	<input type="checkbox"/> SRA Plantings or Improved water temperature	<input type="checkbox"/> Hardscape Reduction	<input type="checkbox"/> Holistic Watershed Approach	<input type="checkbox"/> Erosion Control or Sediment Source Reduction	<input type="checkbox"/> Geomorphologic Design Elements		<input type="checkbox"/> Storm Water Treatment (pervious pavement, green roofs, etc.)	<input type="checkbox"/> Hazardous Material Removal (Asbestos, Lead, Hydrocarbons, etc.)	<input type="checkbox"/> TMDL Improvements		<input type="checkbox"/> Trail friendly features	<input type="checkbox"/> Open Space Protection / Preservation	<input type="checkbox"/> Provides/Improves Bicycle Commute Route	<input type="checkbox"/> Climate change elements
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<input type="checkbox"/> Provides/Improves Bicycle Commute Route	<input type="checkbox"/> Climate change elements																		
COST RECOVERY (15%)	<p>Funding Available from Other Agencies - Check One 0</p> <p><input type="checkbox"/> <input type="checkbox"/> Over 50% of project costs available from other agencies % = Percentage of cost provided; C = Confidence Level (H, M, L)</p> <p><input type="checkbox"/> <input type="checkbox"/> 26% to 50% of project costs available from other agencies % = Percentage of cost provided; C = Confidence Level (H, M, L)</p> <p><input type="checkbox"/> <input type="checkbox"/> Up to 25% of project costs available from other agencies % = Percentage of cost provided; C = Confidence Level (H, M, L)</p>																		

BUILDINGS & GROUNDS PROJECTS

Priority Ranking Criteria

PRIORITY SCORE =
RAW SCORE =

Project Name _____

PRIMARY OBJECTIVE (60%)	Buildings and Grounds (EL 3.4) Impact = _____ ; Probability = _____ 0.00 <p>A <input type="checkbox"/> Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards.</p> <p>B <input type="checkbox"/> Project enhances building infrastructure to address treatment of staff issues.</p> <p>C <input type="checkbox"/> Project positions the District to meet projected future space needs.</p>										
COMMUNITY ENGAGEMENT (10%)	Positive Interaction (E 4) - Check all that apply 0.00 <p><input type="checkbox"/> With the Community <input type="checkbox"/> With other agencies</p> <hr/> Good Neighbor (E 4) - Check all that apply <p><input type="checkbox"/> Graffiti removal or Prevention Features</p> <p><input type="checkbox"/> Trash removal features (vortex weirs)</p> <p><input type="checkbox"/> Improves esthetics of project location</p>										
ENVIRONMENTAL SUSTAINABILITY (15%)	Natural Resources Sustainability (E 3.2) - Check all that apply 0.00 <table style="width: 100%; border: none;"> <tr> <td style="border: none;"><input type="checkbox"/> Air Quality & Visibility Improvement</td> <td style="border: none;"><input type="checkbox"/> Recycled Water, rain water or gray water utilized</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)</td> <td style="border: none;"><input type="checkbox"/> Construction Site Waste Management</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Renewable Energy Use</td> <td style="border: none;"><input type="checkbox"/> Recycle/Re-use Solid Waste</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.</td> <td style="border: none;"><input type="checkbox"/> Reduce Solid Waste Production</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Use of Recycled or Alternative Building Materials</td> <td style="border: none;"></td> </tr> </table> <hr/> Trails & Open Space (E3.3) - Check all that apply <p><input type="checkbox"/> Trail friendly features <input type="checkbox"/> Open Space Protection / Preservation</p> <p><input type="checkbox"/> Provides/Improves Bicycle Commute Route</p>	<input type="checkbox"/> Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized	<input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)	<input type="checkbox"/> Construction Site Waste Management	<input type="checkbox"/> Renewable Energy Use	<input type="checkbox"/> Recycle/Re-use Solid Waste	<input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.	<input type="checkbox"/> Reduce Solid Waste Production	<input type="checkbox"/> Use of Recycled or Alternative Building Materials	
<input type="checkbox"/> Air Quality & Visibility Improvement	<input type="checkbox"/> Recycled Water, rain water or gray water utilized										
<input type="checkbox"/> Energy Efficient Features (Lighting, HVAC, maximize daylight use, etc.)	<input type="checkbox"/> Construction Site Waste Management										
<input type="checkbox"/> Renewable Energy Use	<input type="checkbox"/> Recycle/Re-use Solid Waste										
<input type="checkbox"/> Water Efficient Features: Plumbing fixtures, Landscaping, etc.	<input type="checkbox"/> Reduce Solid Waste Production										
<input type="checkbox"/> Use of Recycled or Alternative Building Materials											
COST RECOVERY (15%)	Funding Available from Other Agencies (Grants & Cost-share) - Check One 0.00 <p><input type="checkbox"/> Over 50% of project costs available from other agencies</p> <p><input type="checkbox"/> 26% to 50% of project costs available from other agencies</p> <p><input type="checkbox"/> Up to 25% of project costs available from other agencies</p>										

INFORMATION TECHNOLOGY PROJECTS

Priority Ranking Criteria

PRIORITY SCORE =
SCORE =

Project Name

PRIMARY OBJECTIVE (75%)	<p>Information Technology (EL 7.5) Impact = ; Probability = 0.00</p> <p>A <input type="checkbox"/> Project maintains existing mission critical software systems and/or IT infrastructure to improve reliability for business continuity. (H+, H-, M+, M-, L)</p> <p>B <input type="checkbox"/> Project enhances mission critical software systems and/or IT infrastructure to improve user functionality. (H, M, L)</p> <p>C <input type="checkbox"/> Project enhances mission critical software systems and/or IT infrastructure to meet projected future needs. (H, M, L)</p> <p>D <input type="checkbox"/> Ties into IT Master Plan finding and/or recommendations (10 pts.)</p>
COMMUNITY ENGAGEMENT (15%)	<p>Good Neighbor - Check all that apply 0.00</p> <p><input type="checkbox"/> Program promotes the distribution of information to the community (public transparency)</p> <p><input type="checkbox"/> Program provides an opportunity for community interaction with the District.</p>
COST RECOVERY (10%)	<p>Funding Available from Other Agencies - Check One 0.00</p> <p><input type="checkbox"/> Over 50% of project costs available from other agencies</p> <p><input type="checkbox"/> 26% to 50% of project costs available from other agencies</p> <p><input type="checkbox"/> Up to 25% of project costs available from other agencies</p>

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Committee: CIP
Meeting Date: 12/11/17
Agenda Item No.: 4.3
Unclassified Mgr: Christopher Hakes
Email: chakes@valleywater.org

COMMITTEE AGENDA MEMO

SUBJECT: Update on Rinconada Water Treatment Plant Reliability Improvement Project.

RECOMMENDED ACTION:

Receive information and provide feedback on next steps.

SUMMARY:

At the March 28, 2017 meeting, the Board of Directors approved revising the CIP Committee’s purpose to also include monitoring progress of some key projects in the CIP. This agenda memorandum contains information on progress of some key projects in the CIP that were identified by the CIP Committee.

Rinconada Water Treatment Plant Reliability Improvement Project

As first reported to the Board in CEO Bulletin January 6-12, 2017, the District’s Contractor, Balfour Beatty Infrastructure, Inc. (BBII) is behind schedule in completion of the second phase of the project. Phase 2 is a major part of the total Project which includes the construction of new Wash Water Recovery Facility, Ozone Contactor Structure, Flocculation and Sedimentation Basins, Raw Water Metering Facility, and Electrical Equipment Pad. The Flocculation and Sedimentation Basins, a new unit process at the plant, will replace the existing upflow clarifiers. Upon completion of Phase 2, BBII will start demolition of the four clarifiers. Completion of Phase 2 was originally scheduled to occur in December 2016, but is currently anticipated to occur in November 2018.

Current delays notwithstanding, significant progress on key elements of Phase 2 work have been made, including 90% completion of all concrete structures including the Wash Water Recovery Facility, the Ozone Contactor, the Flocculation and Sedimentation Basins, the Raw Water Metering Facility, and the Electrical Equipment Pad. Additionally, the majority of the electrical and yard piping work is almost complete.

The District and BBII are currently at an impasse to resolve BBII’s claims that they are entitled to compensation for certain Project completion delays. During the past few months there have been formal and Informal hearings on specific delay issues held before the Project Dispute Review Board (DRB). Written recommendations from the DRB on positions presented to the panel by both the District and the contractor on November 9 are expected within the next four – five weeks. Despite these disputes, the parties all continue to participate in partnering sessions and aim to resolve issues at the lowest possible level.

ATTACHMENT(S):

None

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Committee: CIP
Meeting Date: 12/11/17
Agenda Item No.: 4.4
Unclassified Manger: Katherine Oven
Email: koven@valleywater.org

COMMITTEE AGENDA MEMO

SUBJECT: FY 2017-18 Consultant Agreements and Amendments to Existing Consultant Agreements.

RECOMMENDED ACTION:

Receive information on upcoming consultant agreements and/or amendments that staff will be recommending for Board approval.

SUMMARY:

At the March 28, 2017 meeting, the Board of Directors approved revising the CIP Committee’s purpose to include monitoring implementation progress of key projects in the CIP. Consistent with this, the Committee has requested that staff provide regular updates on new consultant agreements and planned amendments to existing consultant agreements.

Staff anticipates recommending Board approval of one consultant agreement amendment within the next few months. A brief description of this recommended amendment is as follows:

Construction Management Services for Construction of Anderson, Calero, Guadalupe and Almaden Dam Retrofit/Improvement Projects. Four dam retrofit/dam improvement projects are currently in the Design phase of project delivery. Construction for these four projects is anticipated to begin in 2020 and continue through most of the next decade. Black & Veatch, Inc. has been providing Project Management (PM) Services for the Anderson Dam Seismic Retrofit since 2012. In the ensuing years, at the District’s request, and as allowed by the terms of the PM Agreement, Black & Veatch has provided project management services to the other three dam projects as well.

Due to the size and complexity of each dam retrofit/improvement project, the District will have to secure consultant services for construction management, inspection, material testing, and environmental compliance as each project moves to the construction phase.

Prior to recommending Board approval for construction management services for the subject projects, staff is investigating the merits and cost of an alternative to the traditional contracting model to acquire these services.

As such, staff is exploring amending the existing Black & Veatch PM Agreement to include certain construction management services, in addition to extending their project management services throughout the construction phases of all four dam projects. This would include tasks such as contract administration, scheduling, cost estimating, and document control services for all four dam construction contracts—services similar to what Black & Veatch is currently performing for the planning and design phases of the Anderson Dam Seismic Retrofit Project.

If the Black & Veatch PM Agreement is amended in this fashion, a separate Construction QA/QC consultant agreement would be developed for each project’s construction phase via a competitive process. The Construction QA/QC services would cover construction inspection, quality assurance, material testing and

environmental compliance. Services performed by each Construction QA/QC consultant would be performed in coordination with services performed by Black & Veatch as the Project Manager.

The Construction QA/QC consultant agreement fees would range from 70%-80% of a standard construction management (CM) services agreement. Black & Veatch’s Project Management Services During Construction fees would range from 20%-30% of a standard CM agreement.

Staff is exploring this approach to optimize both the quality and cost-efficiency of managing the four upcoming dam construction contracts. The key benefits of this approach are:

1. Continuity of project knowledge—particularly knowledge of project risks and risk management—that Black & Veatch has developed across the planning and design phases and would apply to the construction phase of each project;
2. Continuity of approach to construction administration across four dam retrofit/improvement construction contracts;
3. Using the expertise Black & Veatch has developed by managing the Anderson Dam Seismic Retrofit Project, the most complex and costliest of the four dam retrofit/improvement projects, since 2012; and
4. Cost savings based on reduced redundancy.

Although there are benefits of this unique approach to contracting for project management services during construction, there are other considerations in evaluating this option that pertain to the three existing consultant services agreements. With regard to the largest of the four projects, the seismic retrofit of the Anderson Dam, the Project Management, Design, and Planning agreements all have provisions restricting each firm from performing any services that are to be done by other firms; each of the four consultants are to be totally unique and separate: planning, design, construction management, and project management. As a result, the addition of project management services during construction must fully contemplate which services may be added via contract amendment.

Staff will continue to evaluate options for procuring and securing construction management services for the four dam projects.

Table 1 presents construction cost estimates for each of the four dam projects and the anticipated breakdown of fees for Black & Veatch’s Project Management During Construction, and fees for a third-party QA/QC Consultant.

Table 1. Breakdown of Fee Estimates for Consultant Structure During Dam Projects’ Construction

Dam Retrofit or Improvement Project	Estimated Total Construction Contract Cost	Black & Veatch Project Management During Construction Anticipated Fees	Third-Party Construction QA/QC Consultant Anticipated Fees
Anderson	\$400 M	\$10 M	\$23 M
Calero	\$80 M	\$3.5 M	\$8 M
Guadalupe	\$80 M	\$2.6M	\$6 M
Almaden	\$50 M	\$2.1 M	\$5 M
TOTAL	\$610 M	\$18.2 M	\$42 M

Staff has been actively monitoring and managing the consultant’s performance to meet the goals and terms of the agreements. Monthly design meetings and frequent technical discussions are held with the consultant to assess task progress. The consultant has completed the predefined scope of service of their agreement within

their approved not-to-exceed fee. The above-described amendment does not include work already included in the original scope. There is no portion of project scope or funding not completed in the original agreements that would be included in this amendment.

ATTACHMENT(S):

None.

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2017 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/29/17

The CIP Committee was enacted by the Board on January 24, 2012. Its purpose was initially defined by the Committee on April 17, 2012 and revised on March 10, 2017. On March 28, 2017 the Board of Directors approved the Committee’s revised purpose as follows: *The CIP Committee is established to provide a venue for more detailed discussions regarding capital project validation, including recommendations on prioritizing, deleting, and/or adding projects to the CIP, as well as monitoring implementation progress of key projects in the CIP.*

The CIP Ad Hoc Committee defined its priorities in fulfilling its purpose during its March 11, 2016 meeting, as follows:

Priority	Subject	Details	Desired Outcome
1	Prioritization	<ul style="list-style-type: none"> Priority criteria process Representation of under-represented areas 	Hold a daytime, single-focus, Board work study session on CIP prioritization and funding combined.
2	Funding	<ul style="list-style-type: none"> Funding unfunded, high priority projects Holding encumbered, approved project funds in reserves and how this is communicated to the Board and public 	
3	Permitting	<ul style="list-style-type: none"> Changing the strategy for managing permitting issues Changing the “Kill the Goose” regulatory agency strategy Informing the public of regulatory impacts on ability to perform projects 	Hold permitting strategy discussion with the Board, including engagement of Board members in regulatory issues.
4	Resources	<ul style="list-style-type: none"> Analysis of staff vs. consultant work Identifying where in the staffing plan it becomes more efficient to hire and develop employees vs. executing contracts with external consultants 	Conduct staff vs. consultant resource cost and benefit analysis reviews with the CIP Ad Hoc Committee, prior to recommending the Board approve large dollar value consultant agreements to the Board.

The Board of Directors further identified the following Issues/Challenges, and desired Board Discussion Outcomes, during their October 4, 2016 Priorities and Strategic Directions Work/Study Session, and referred to the CIP Ad Hoc Committee to develop Strategies/Opportunities for the following:

Issue/Challenge	Board Discussion Outcomes
Regulatory Permits and individual agencies exceeding statutory authority limits.	Use Board members’ political connection w/communities they represent and local/state/federal elected officials to resolve project issues, such as permits/funding. Leverage Board connections and leave the politics to the Board. Specific suggestions are: <ul style="list-style-type: none"> Communication of staff (including legal) to Board on status of permits, federal funding, etc.; Communication with stakeholders for their support of regulatory permits/issues; Encourage staff to have dialogue with Board members during the planning of public meetings so all interested groups can be notified; Continue to meet with local/federal delegation; and Continue to have ceremonies for completed projects (elected officials).
Projects do not have consistent criterion of sensitive design that has art form and function.	Committee should evaluate ways of addressing environmental justice and sensitive design and bring back to the Board for discussion.
Slow/No progress on fish barrier removal projects. Environmental Stewardship is a “step child,” should be equal. Funding competition for Stream Stewardship funds.	Committee to discuss issue/challenge and provide recommendations to the Board.

Additionally, during the March 28, 2017 meeting, the Board requested the Committee identify and bring back information on projects they see as being potentially at-risk, or as having the potential for problems that the Board should be aware of.

The annual work plan establishes a framework for committee discussion and action during the annual meeting schedule. The committee work plan is a dynamic document, subject to change as external and internal issues impacting the District occur and are recommended for committee discussion. Subsequently, an annual committee accomplishments report is developed based on the work plan and presented to the District Board of Directors.



2017 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/29/17

PARKING LOT ITEMS:

DATE LISTED	TOPIC (WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY)	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
9/18/17	Explore Developer Impact Fees			

COMMITTEE WORKPLAN:

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
11/13/17 11/27/17 12:00 PM	Approval of Minutes: 10/18/17	N. Dominguez	Approve minutes.	
	Water Utility Capital Project Funding (Alternate funding mechanisms) <i>*Continued from 10/09/17</i>	N. Nguyen C. Hakes D. Taylor	Study feasible alternate funding sources other than water charges Formulate recommendation to the Board	
	Update on Rinconada Water Treatment Plant Reliability Improvement Project – Residuals	C. Hakes	Receive information and provide feedback on next steps.	
	Report of Bids Received for the Board Room AV Project and Discussion of Alternative Project Features.	S. Tikekar	Receive information and provide direction on alternatives that staff will be recommending for Board approval.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	December 11, 2017



2017 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/29/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
12/11/17 10:00 AM	Approval of Minutes, 11/13/17	M. Meredith	Approve minutes.	
	2019-23 Preliminary CIP	C. Hakes	Review staff proposed preliminary project lists.	
	Review and Discuss CIP Priority Ranking Criteria and Related Prioritization Outcomes.	C. Hakes	Review Staff proposed priority criteria and projects.	
	Update on Rinconada Water Treatment Plant Reliability Improvement Project <i>Continued from 11/27/17</i>	C. Hakes	Receive information and provide feedback on next steps.	
	FY 2017-18 Consultant Agreements and Amendments to Existing Consultant Agreements. <i>Continued from 11/27/17</i>	K. Oven	Receive information and provide feedback on next steps.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	January 8, 2018

2017 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/29/17



2017 ACCOMPLISHMENTS

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
01/30/17	Election of Chair and Vice Chair	M. Meredith	Elect Committee Officers 1. Chair 2. Vice Chair	Elected as follows: Chair – N. Hsueh Vice Chair – T. Estremera
	Approval of Minutes, 12/15/16	M. Meredith	Approved minutes.	Approved
	Water Utility Capital Project Prioritization.	C. Hakes	Review and discuss Water Utility capital Program, provide direction on project refinements or modifications to be incorporated into Draft/Final FY18-22 CIP.	<ul style="list-style-type: none"> • Break down EAPW Program in FY18-22 CIP so funding for EAPW Project is separated from EAPW Expansion; • Refer to RWC for feedback on timelines for implementation of the EAPW Expansion Project • Bring EAPW Expansion discussion back to full Board; • Prepare scenario where Winfield Project is deferred to future and funding is shifted back to General Funds.
	Review Committee Work Plan	Committee	Establish Agenda Topics for Next Meeting(s)	Schedule 2/27/17 meeting, agendize Watershed Streams Stewardship Funding and staff presentation on Almaden Lake Separation Project, including issues raised by McMurtry/Poeschel.
	Next Meeting Date	Committee	Establish Next Meeting Date(s)	February 27, 2017



2017 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/29/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
02/27/17	Approval of Minutes, 01/30/17	M. Meredith	Approved minutes.	Approved as amended.
	Watershed Stream Stewardship Funding.	N. Nguyen	Review and discuss the Watershed Capital Program; and Provide direction for project refinements or modifications to be incorporated into the Final FY 2018-22 CIP.	Staff to come back with a complete list of unfunded Watershed Capital Projects, identify those waiting for planning/feasibility study to be completed vs. those that are ready to move forward but have no identified funds, and add on old projects such as the Mid-Coyote Creek and Rock Springs; and identify projects for Governor's \$1.5 billion funding.
	Alternative Analysis for Almaden Lake/Creek Separation Project	N. Nguyen	Receive information on the Almaden Lake Improvements Project water options.	
	Response to Letter from Mr. Richard McMurtry, dated January 28, 2017, and Submitted to the Committee on January 31, 2017 as Handout 2-A.	G. Hall	Receive information from staff and discuss an approach for addressing the various requests from stakeholders for fish habitat improvement projects into the CIP.	Staff is to come back with discussion to develop a process/approach for addressing requests from stakeholders, and advise Mr. Holmes of internal process and steps involved in qualifying a project for the preliminary CIP.
	Discuss Committee Purpose	Committee	TBD	Staff is to prepare a Board item regarding new purpose and name change for Board consideration.
	Review Committee Work Plan	Committee	Establish Agenda Topics for Next Meeting(s)	Schedule 03/10/17 10am meeting for discussion of Committee Work Plan
	Next Meeting Date	Committee	Establish Next Meeting Date(s)	03/10/17 10:00 a.m.
	3/10/17	Committee Work Plan	Committee	Discuss 2017 Work Plan
Next Meeting Date		Committee	Establish Next Meeting Date(s)	Established regular monthly meeting schedule, 2 nd Mondays of Month, 10am – 12pm. Rescheduled next meeting from 4/17/17 1pm to 4/10/17 10am.



2017 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/29/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
04/10/17	Approval of Minutes, 02/27/17, 03/10/17	M. Meredith	Approve minutes.	Approved.
	<p>Status of Rock Springs Flood Risk Reduction Study (2012 SCW Program) and Mid-Coyote Creek from Montague Expressway to Hwy 280 (2000 CSC Program)</p> <p><i>*Assigned at 2/28 Board meeting, Board Agenda Item 6.1</i></p>	N. Nguyen/ V. Gin	<p>Receive a status on the Rock Springs Flood Risk Study and Mid Coyote Creek Projects</p> <p>Discuss Strategies</p> <p>Formulate recommendation to the Board</p> <p><i>*Staff to provide large map showing street names, Coyote Creek, identification of various neighborhoods, and project impact areas.</i></p>	<p>Staff to prepare/publish to District website, response to questions raised by Mr. McMurtry</p> <p>Staff to improve District web site to make is easier for public to find flood info, including real time storm data</p> <p>Staff is to continue working with the City of San Jose to develop an Emergency Action Plan</p> <p>Staff is to complete Rock Springs Study and bring to full Board, a report on immediate, intermediate and long term flood protection measures for Coyote Creek, including investigation of conversion of upstream parks to detention basins</p> <p>Committee recommends Board adopt resolution setting time and place of a SCW public hearing to change control process; Hold public hearing/consider modifying Coyote Creek Flood Protection Project to extend boundary to include Rock Springs and propose KPIs to align with project revisions; and authorize Chair Hsueh and M. Richardson to provide oral report to Board.</p>
	<p>Capital Project Consultant Agreements</p> <p><i>*Assigned at 2/28 Board meeting</i></p>	K. Oven, A. Comelo	Identify Board issues regarding Capital Project Consultant Agreements.	Continued to 6/12/17 and staff requested to come back with information that clarifies organization decision making regarding consultants; explains development of scope of work and agreement negotiation; and explains ongoing management and administration of consultant agreements.
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	Added discussion on Owner Controlled Insurance Programs to 5/8/17 meeting.
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	5/8/17 start time changed to 9:30 a.m.



2017 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/29/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
05/08/17 9:30 a.m.	Approval of Minutes, 04/10/17	M. Meredith	Approve minutes.	Approved
	Watershed Capital Projects Funding (Flood & Stewardship) <i>*Continued from 2/27/17</i>	N. Nguyen	Analyze funding requirements for Capital Projects funded by stream Stewardship Fund (12) and SCW/CSC Fund (26) Identify funding issues Formulate recommendation to the Board	Committee requests: include in future Draft CIP presentations, more detailed information on how subvention funding is being allocated. Continued to 06/12 with information on: 1) Coyote, Stevens Creek, Guad River, and others to consider identifying projects for FAHCE funding; 2) \$62 million unencumbered SCW funds and funding recommendations; 3) list of Watershed Capital Projects not funded through construction; 4) list of unfunded Watershed Capital Projects where commitments for completion have been made.
	Owner Controlled Insurance Programs (OCIP)	D. Cahen	Show cost reduction	Committee requested staff continue to identify/analyze pros & cons of OCIPs and bring discussion back when opportunities arise to consider recommendations on alternatives for specific projects.
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	Revised 06/12/17 meeting to include continued discussion of Watershed Capital Projects Funding; and revise Capital Project Consultant Agreements discussion to include a list of foreseeable amendments to existing Capital Project consultant agreements, including two amendments in progress for the Anderson and Calero Dams Seismic Retrofit Projects and a copy of the Consultant Contract Management Process Audit prepared for the District by Navigant, on March 10, 2015.
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	06/12/17 10:00 a.m.



2017 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/29/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
06/12/17 10:00 AM	Approval of Minutes, 05/08/17	M. Meredith	Approve minutes.	Approved as revised.
	Watershed Capital Projects Funding (Flood & Stewardship) <i>*Continued from 5/8/17</i>	N. Nguyen	Provide Information on: <ul style="list-style-type: none"> Coyote, Stevens Creek, Guad River, and other projects to consider identifying and making recommendations to the Board on projects for FAHCE funding; The \$62 million unencumbered SCW funds and funding recommendations; Watershed Capital Projects not funded through construction; and Unfunded Watershed Capital Projects where commitments for completion have been made. 	The Committee identified priorities; suggested Redevelopment Agency, FAHCE; Open Space Credit reduction, and SCW D4, D6, or D7 as alternate funding sources; and requested: Additionally, the Committee made the following requests of staff: 1) approach County re: estimated future RDA Successor funding; 2) come back with number of parcels to be protected by the Lower & Upper Berryessa Projects; 3) come back with proposals to reduce Open Space Credit; 4) come back with impacts of not undertaking East Little Lagas Project; 5) come back with info on activities included and schedule for \$140M estimated for FAHCE implementation; 6) investigate opportunities to complete Attachment 2, Lines 15,16 as part of Upper Penitencia Coyote to Dorel; and 7) investigate possibility of FAHCE funding for Attachment 2 Line 7. Continued to 7/10/17 meeting.
	Capital Project Consultant Agreements <i>*Continued from 4/10/17,</i>	K. Oven, A. Comelo	Analyze and discuss identified issues; Receive information requested during 4/10/17 and 5/8/17 meetings: <ul style="list-style-type: none"> Clarify organization decision making regarding consultants Explain development of scope of work and agreement negotiation Explain ongoing management and administration of consultant agreements; Provide list of foreseeable amendments to existing Capital Project consultant agreements, including Anderson and Calero Dam Seismic Retrofit Projects; and Provide a copy of Consultant Contract Management Process Audit prepared by Navigant March 10, 2015. Formulate recommendation to the Board	Received briefing on amendments planned for 07/11/17 Board mtg, re: Anderson and Calero Dam Seismic Retrofit Projects; requested that staff include in future Consultant Amendment Board items confirmation the amendment does not include work already scoped in original agreement, detail on why amendment is necessary, info on whether consultant or contractors carry responsibility for amendment need, and info on portions of the project scope or funding not completed in original agreement and rolled into amendment; refer the Navigant Consultant Contract Management Process Audit to the Board Audit Committee; and advise the Board of the Committee's referral of the audit.
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	No action.
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	July 10, 2017



2017 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/29/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
07/10/17 10:00 AM	Approval of Minutes, 06/12/17	M. Meredith	Approve minutes.	Approved with amendment.
	Watershed Capital Projects Funding (Flood & Stewardship) <i>*Continued from 6/12/17</i>	N. Nguyen	Provide Information on: <ul style="list-style-type: none"> Information on Redevelopment Agency, Open Space Credit Reduction, and SCW D4, D6, and D7 funding opportunities; Implications associated with not completing the East Little Llagas Project; Information on FAHCE funding Opportunities for the Almaden Lake Separation Project; and Information on FAHCE funding, geomorphic bank stability, and conservation of habitat land opportunities associated with the Upper Penitencia Creek (Coyote Confluence to Dorel Dr.) Project. 	<ol style="list-style-type: none"> Received info on RDA, OSC & FAHCE funding; Confirmed Coyote Creek (Montague to Tully), Almaden Lake, Ogier Pond, Metcalf Pond, and Stevens Creek Fish Barrier Improvements as priority unfunded projects for staff to seek funding alternatives for; Expressed support for tiered OSC reductions and requested staff come back with info on whether OSC reductions could fund projects; Requested staff investigate project components qualifying for FAHCE and seek FAHCE partner concurrence; and Continued to 9/11/17 meeting. Staff also confirmed investigating whether SCW could fund projects w/mercury issues.
	Peoplesoft Upgrade Assessment Study: Findings and Recommendations	A. Tikekar	<ul style="list-style-type: none"> Receive & discuss info on Consultant recommendation to go out to bid for a new ERP solution; and Formulate recommendation re PeopleSoft Upgrade Assessment Study. 	Approved recommending that the Board support consultant recommendations to go out to bid for a new ERP solution.
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	Removed Item 6, Coyote Creek (discussed 4/10/17) from the 8/14/17 meeting date and directed staff to: <ul style="list-style-type: none"> Provide update on Items 7 & 8 for current FY & include info requested by Dir. LeZotte during 6/12/17 mtg (Mins Pg 3); Present Item 9 first (Monitoring of Maint of CIP Project Mitigation Commitments); Add presentation on RWTP Residuals Mgmt Project; and Add presentation on HQ Op (Maint) Bldg.
Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	Authorized staff to reschedule 9/11/17 meeting to 9/18 or 9/25/17, if addl time was needed to complete analysis on Watersheds Projects Funding.	



2017 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/29/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
08/14/17 10:00 AM	Approval of Minutes, 07/10/17	M. Meredith	Approve minutes.	Minutes approved as presented
	Monitor Implementation of 2018-22 CIP <i>*Expanded Committee Purpose 2/27, to be approved by the Board</i>	B. Redmond	<p>Receive information on:</p> <ol style="list-style-type: none"> 1. Monitoring of maintenance of CIP project mitigation commitments 2. *Winfield Warehouse project 3. HQ Operations (Maintenance) Bldg; 4. RWTP Residuals Mgmt Project; 5. *Watershed-wide regulatory planning and permitting 6. *Anderson, Almaden, Chesbro, and Guadalupe Dam Seismic retrofit projects 7. Fishery barrier removal projects 8. FY17-18 new consultant contracts & Planned amendments to existing consultant contracts, including info requested by Dir. LeZotte 6/12/17: <ol style="list-style-type: none"> a) Confirm amendment does not include work already included in original scope; b) Detail on why amendment is necessary; and c) Info on any portion of project scope or funding not completed in original agreement and now included in amendment at hand. <p><i>*From Board Budget Message and Strategic Directions</i></p>	<p>In regards to Item 4.1, Recommendation B, the Committee made the following requests of staff:</p> <ul style="list-style-type: none"> • Follow up on recent Board direction to prepare a letter from Board Chairperson Varela to Santa Clara County Board of Supervisors President Cortese regarding the status of watershed-wide regulatory planning and permitting; and • When appropriate, consider facilitating discussion between Board Chairperson Varela and Santa Clara County District 1 Supervisor Wassermann regarding Upper Llagas Creek. <p>In regards to Item 4.1, Recommendation C, as well as in regards to the CDM Smith and HDR Inc. agreements presented in Item 4.2, the Committee requested that staff be diligent in evaluating issues associated with responsibility, accountability, performance, and costs associated with construction delays.</p>
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	<p>The Committee added the following items to the work plan for the next meeting:</p> <ul style="list-style-type: none"> • A report on alternative funding sources for District projects; and • Discussion on alternative features for the Board Room Audio Visual Project.
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	September 18, 2017



2017 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/29/17

09/18/17 12:30 PM	Approval of Minutes, 08/14/17	M. Meredith	Approve minutes.	Approval of minutes continued to 10/18/17.
	Scenarios for funding priority projects (Coyote Creek- Montague to Tully, Almaden Lake Improvements, Ogier and Metcalf Ponds/Creek Separation, Stevens Creek Fish Passage Barrier Improvements) <i>*Continued from 01/30/17 and 7/10/17</i>	N. Nguyen /C. Hakes	Information on the options for using existing revenue to fund priority projects that are currently partially funded.	
	Report on Alternative Funding Sources for District Projects. Revenue Options Assessment	D. Taylor	Information on feasible alternate funding sources for District projects other than existing tax revenue and water charges.	
	Report of Bids Received for the Board Room AV Project and discussion of alternative features.	S. Tikekar	Advice to staff on how to present the Board room AV project alternatives to the full Board.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	Authorized staff to reschedule meeting of 10/09/17 to 10/18/17.



2017 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/29/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
10/09/17 10:00 AM	Approval of Minutes 8/14/17 and 09/11/17	N. Dominguez	Approve minutes.	
10/18/17 2:00 PM	Scenarios for funding priority projects (Coyote Creek- Montague to Tully, Almaden Lake Improvements, Ogier and Metcalf Ponds/Creek Separation, Stevens Creek Fish Passage Barrier Improvements) <i>*Continued from 01/30/17 and 7/10/17 and 9/18/17</i>	N. Nguyen /C. Hakes	Information on the options for using existing revenue to fund priority projects that are currently partially funded.	
	Improvements to District Website, Improving Ease of Public Accessibility to, and Comprehension of, Flood Information, including Real-Time Data During Storm Events (Responding to Committee Request of 04/10/17)	M. Grimes	Receive information on to District Website, Improving Ease of Public Accessibility to, and Comprehension of, Flood Information, including Real-Time Data During Storm Events (Responding to Committee Request of 04/10/17)	9/18/17 – Improvements to District Website, Improving Ease of Public Accessibility to, and Comprehension of, Flood Information, including Real-Time Data During Storm Events (Responding to Committee Request of 04/10/17) referred to the Coyote Creek Flood Risk Reduction Ad Hoc Committee.
	FY 2017-18 Consultant Agreements and Amendments to Existing Consultant Agreements.	C. Hakes		
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	November 13, 2017 November 28, 2017



2018 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/30/17

The CIP Committee was enacted by the Board on January 24, 2012. Its purpose was initially defined by the Committee on April 17, 2012 and revised on March 10, 2017. On March 28, 2017 the Board of Directors approved the Committee's revised purpose as follows: *The CIP Committee is established to provide a venue for more detailed discussions regarding capital project validation, including recommendations on prioritizing, deleting, and/or adding projects to the CIP, as well as monitoring implementation progress of key projects in the CIP.*

The CIP Ad Hoc Committee defined its priorities in fulfilling its purpose during its March 11, 2016 meeting, as follows:

Priority	Subject	Details	Desired Outcome
1	Prioritization	<ul style="list-style-type: none"> Priority criteria process Representation of under-represented areas 	Hold a daytime, single-focus, Board work study session on CIP prioritization and funding combined.
2	Funding	<ul style="list-style-type: none"> Funding unfunded, high priority projects Holding encumbered, approved project funds in reserves and how this is communicated to the Board and public 	
3	Permitting	<ul style="list-style-type: none"> Changing the strategy for managing permitting issues Changing the "Kill the Goose" regulatory agency strategy Informing the public of regulatory impacts on ability to perform projects 	Hold permitting strategy discussion with the Board, including engagement of Board members in regulatory issues.
4	Resources	<ul style="list-style-type: none"> Analysis of staff vs. consultant work Identifying where in the staffing plan it becomes more efficient to hire and develop employees vs. executing contracts with external consultants 	Conduct staff vs. consultant resource cost and benefit analysis reviews with the CIP Ad Hoc Committee, prior to recommending the Board approve large dollar value consultant agreements to the Board.

The Board of Directors further identified the following Issues/Challenges, and desired Board Discussion Outcomes, during their October 4, 2016 Priorities and Strategic Directions Work/Study Session, and referred to the CIP Ad Hoc Committee to develop Strategies/Opportunities for the following:

Issue/Challenge	Board Discussion Outcomes
Regulatory Permits and individual agencies exceeding statutory authority limits.	Use Board members' political connection w/communities they represent and local/state/federal elected officials to resolve project issues, such as permits/funding. Leverage Board connections and leave the politics to the Board. Specific suggestions are: <ul style="list-style-type: none"> Communication of staff (including legal) to Board on status of permits, federal funding, etc.; Communication with stakeholders for their support of regulatory permits/issues; Encourage staff to have dialogue with Board members during the planning of public meetings so all interested groups can be notified; Continue to meet with local/federal delegation; and Continue to have ceremonies for completed projects (elected officials).
Projects do not have consistent criterion of sensitive design that has art form and function.	Committee should evaluate ways of addressing environmental justice and sensitive design and bring back to the Board for discussion.
Slow/No progress on fish barrier removal projects. Environmental Stewardship is a "step child," should be equal. Funding competition for Stream Stewardship funds.	Committee to discuss issue/challenge and provide recommendations to the Board.

Additionally, during the March 28, 2017 meeting, the Board requested the Committee identify and bring back information on projects they see as being potentially at-risk, or as having the potential for problems that the Board should be aware of.

The annual work plan establishes a framework for committee discussion and action during the annual meeting schedule. The committee work plan is a dynamic document, subject to change as external and internal issues impacting the District occur and are recommended for committee discussion. Subsequently, an annual committee accomplishments report is developed based on the work plan and presented to the District Board of Directors.



2018 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/30/17

PARKING LOT ITEMS:

DATE LISTED	TOPIC (WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY)	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME

COMMITTEE WORKPLAN:

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
01/08/18 10:00 a.m.	Approval of Minutes:	N. Dominguez	Approve minutes of previous meeting.	
	FY 2017-18 Consultant Agreements and Amendments to Existing Consultant Agreements.	N. Nguyen	Receive information and provide feedback on next steps.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	



2018 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/30/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
02/12/18 10:00 a.m.	Approval of Minutes:	N. Dominguez	Approve minutes of previous meeting.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	



2018 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/30/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
03/12/18 10:00 a.m.	Approval of Minutes:	N. Dominguez	Approve minutes of previous meeting.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	



2018 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/30/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
04/09/18 10:00 a.m.	Approval of Minutes:	N. Dominguez	Approve minutes of previous meeting.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	



2018 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/30/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
05/14/18 10:00 a.m.	Approval of Minutes:	N. Dominguez	Approve minutes of previous meeting.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	



2018 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/30/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
06/11/18 10:00 a.m.	Approval of Minutes:	N. Dominguez	Approve minutes of previous meeting.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	



2018 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/30/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
07/09/18 10:00 a.m.	Approval of Minutes:	N. Dominguez	Approve minutes of previous meeting.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	



2018 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/30/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
08/13/18 10:00 a.m.	Approval of Minutes:	N. Dominguez	Approve minutes of previous meeting.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	



2018 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/30/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
09/10/18 10:00 a.m.	Approval of Minutes:	N. Dominguez	Approve minutes of previous meeting.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	



2018 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/30/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
10/08/18 10:00 a.m.	Approval of Minutes:	N. Dominguez	Approve minutes of previous meeting.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	



2018 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/30/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
11/12/18 10:00 a.m.	Approval of Minutes:	N. Dominguez	Approve minutes of previous meeting.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	



2018 WORK PLAN – CAPITAL IMPROVEMENT PLAN COMMITTEE

Updated: 11/30/17

MEETING DATE	WORK PLAN ITEM, BOARD POLICY, & POLICY CATEGORY	ASSIGNED STAFF	INTENDED OUTCOME(S)	ACCOMPLISHMENT DATE AND OUTCOME
12/10/18 10:00 a.m.	Approval of Minutes:	N. Dominguez	Approve minutes of previous meeting.	
	Review Committee Work Plan	Committee	Confirm Agenda Topics for Next Meeting(s)	
	Next Meeting Date	Committee	Confirm/Adjust Next Meeting Date(s)	



COMMITTEE ACCOMPLISHMENTS