



Santa Clara Valley Water District Capital Improvement Program Committee Meeting

Headquarters, Board Conference Room A-124
5700 Almaden Expressway, San Jose, California

RESCHEDULED REGULAR MEETING AGENDA

**Monday, November 19, 2018
10:00 AM**

District Mission: Provide Silicon Valley safe, clean water for a healthy life, environment and economy.

Nai Hsueh, Chair, District 5
Linda J. LeZotte, Vice Chair, District
4

Tony Estremera, District 6

All public records relating to an 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 Office of the Clerk of the Board at the Santa Clara Valley Water District Headquarters Building, 5700 Almaden Expressway, San Jose, CA 95118, at the same time that the public records are distributed or made available to the legislative body. Santa Clara Valley Water District will make reasonable efforts to accommodate persons with disabilities wishing to attend Board of Directors' meeting. Please advise the Clerk of the Board Office of any special needs by calling (408) 265-2600.

BETH REDMOND
Committee Liaison

NATALIE F. DOMINGUEZ,
CMC
Assistant Deputy Clerk II
Office/Clerk of the Board
(408) 265-2659
ndominguez@valleywater.org

Note: The finalized Board Agenda, exception items and supplemental items will be posted prior to the meeting in accordance with the Brown Act.

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**Santa Clara Valley Water District
Capital Improvement Program Committee
RESCHEDULED REGULAR MEETING
AGENDA**

Monday, November 19, 2018

10:00 AM

Headquarters, Board Conference Room A-124
5700 Almaden Expressway, San Jose, California

1. CALL TO ORDER:

1.1. Roll Call.

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

Notice to the public: This item is reserved for persons desiring to address the Committee on any matter not on this agenda. Members of the public who wish to address the Committee on any item not listed on the agenda should complete a Speaker Card and present it to the Committee Clerk. The Committee Chair will call individuals in turn. Speakers comments should be limited to three minutes or as set by the Chair. The law does not permit Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If Committee action is requested, the matter may be placed on a future agenda. All comments that require a response will be referred to staff for a reply in writing. The Committee may take action on any item of business appearing on the posted agenda.

2. APPROVAL OF MINUTES:

2.1. Approval of October 15, 2018 Meeting Minutes.

[18-0728](#)

Recommendation: Approve the minutes.

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 101518 CIP Committee Minutes](#)

Est. Staff Time: 5 Minutes

3. ACTION ITEMS:

3.1. Capital Project Monitoring - Design.

[18-0738](#)

Recommendation: Receive information and provide direction to staff.

Manager: Katherine Oven, 408-630-3126

Ngoc Nguyen, 408-630-2632

Christopher Hakes, 408-630-3796

Attachments: [Attachment 1: Capital Project Monitoring - Design](#)

Est. Staff Time: 15 Minutes

3.2. Priority Ranking Criteria for the Capital Improvement Program. [18-0734](#)

Recommendation: Receive information and provide direction to staff on recommended revisions to the Priority Criteria for the Fiscal Year 2020-24 CIP.

Manager: Ngoc Nguyen, 408-630-2632

Attachments: [Attachment 1: CIP Priority Criteria](#)

Est. Staff Time: 15 Minutes

3.3. Draft Preliminary Fiscal Years 2020-2024 Capital Improvement Program. [18-0735](#)

Recommendation: Review and discuss the Draft Preliminary Fiscal Years 2020-2024 Capital Improvement Program and provide direction to staff as needed.

Manager: Ngoc Nguyen, 408-630-2632

Attachments: [Attachment 1: Draft Preliminary FY 2020-2024 CIP](#)

Est. Staff Time: 15 Minutes

3.4. 2018 and 2019 Capital Improvement Committee Work Plan. [18-0736](#)

Recommendation: Review the 2018 and 2019 Capital Improvement Program Committee Work Plan and make revisions as necessary.

Manager: Michele King, 408-2630-2711

Attachments: [Attachment 1: 2018 & 2019 CIP Committee Work Plan](#)
[Attachment 2: Handout, Gary Kremen Email](#)

Est. Staff Time: 15 Minutes

4. INFORMATION ITEMS: None.

5. ADJOURN:

5.1. Clerk Review and Clarification of Committee Requests.

This is an opportunity for the Clerk to review and obtain clarification on any formally moved, seconded, and approved requests and recommendations made by the Committee during the meeting.

5.2. Adjourn to Regular Meeting at 10:00 a.m., on December 10, 2018, in the Santa Clara Valley Water District, Board Conference Room A-124, 5700 Almaden Expressway, San Jose, California.

File No.: 18-0728

Agenda Date: 11/19/2018
Item No.: 2.1.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Approval of October 15, 2018 Meeting Minutes.

RECOMMENDATION:

Approve the minutes.

SUMMARY:

In accordance with the Ralph M. Brown Act, a summary of Committee discussions, and details of all actions taken by the Capital Improvement Program Committee, during all open and public Committee meetings, is transcribed and submitted to the Committee for review and approval.

Upon Committee approval, minutes transcripts are finalized and entered into the Committee's historical record archives, and serve as the official historical record of the Committee's meeting.

ATTACHMENTS:

Attachment 1: 101518 CIP Committee Minutes

UNCLASSIFIED MANAGER:

Michele King, 408-630-2711

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BOARD OF DIRECTORS MEETING

MINUTES

OCTOBER 15, 2018
10:00 AM

(Paragraph numbers coincide with agenda item numbers)

A regular meeting of the Santa Clara Valley Water District (District) Capital Improvement Program Committee (Committee) was called to order in the District Headquarters, Board Conference Room A-124, 5700 Almaden Expressway, San Jose, California, at 10:00 a.m.

1. CALL TO ORDER:

1.1 Roll Call.

Committee members in attendance were District 6 Director T. Estremera, and District 5 Director N. Hsueh, Chairperson presiding, constituting a quorum of the Committee.

District 4 Director L. LeZotte was excused from attending.

Staff members in attendance were N. Camacho, Chief Executive Officer (CEO), M. Baratz, J. Bernhardt, J. Collins, M. Cook, C. Hakes, M. Meredith, N. Nguyen, L. Orta, K. Oven, B. Redmond, L. Rossiter, S. Tikekar, C. Tulloch and T. Yoke.

1.2 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.

2. APPROVAL OF MINUTES:

2.1 Approval of September 10, 2018 Meeting Minutes.

The Committee considered the attached minutes of the September 10, 2018 meeting.

Mr. William Sherman, Water Rate Advocates for Transparency, Equity and Sustainability (WRATES), discussed WRATES activities on behalf of San Jose Water Company (SJWC) customers, and the formal investigation of SJWC billing practices and judicial hearings, as contained in Handout 2.1-A, herein. Copies of the Handout were made available to the Committee and public.

Director Hsueh requested the minutes be amended on Page 4, Item 3.1, Bullet No. 1 as follows: ~~**That Encourage staff to begin working on a report to be shared with the voters prior to the next election, that confirms the status of**~~

~~projects and completed projects~~ **thinking of reports that communicate District accomplishments under the Safe, Clean Water Program.**

It was moved by Chairperson Hsueh, seconded by Director Estremera, and carried that the minutes be approved as amended.

3. ACTION ITEMS:

3.1. Fiscal Year 2019 Consultant Agreements and Amendments to Existing Consultant Agreements.

Mr. Chris Hakes, Deputy Operating Officer, Mr. Ngoc Nguyen, Deputy Operating Officer, Ms. Katherine Oven, Deputy Operating Officer, and Mr. Sudhanshu Tikekar, Deputy Administrative Officer, reviewed the information on this item, per the attached Committee Agenda Memo as follows: Mr. Hakes reviewed Item No. 1, Mr. Nguyen reviewed Item No. 2, Ms. Oven reviewed Item No. 3, and Mr. Tikekar reviewed Item No. 4.

The Committee requested the following:

Regarding Item 3.1, No. 2, Permanente Creek Project:

- Staff to clarify for the Board that the amendment is needed for additional engineering support during construction for Permanente Creek is due to the extended duration of the project construction periods at McKelvey Park and Rancho San Antonio (RSA), and to advise the Board of the potential impacts to the construction management contracts associated with the extended construction schedule;
- Staff to investigate the possibilities of supplementing construction management services for Permanente Creek Project with in-house staff resources; and
- Staff to clarify for the Board that the proposed budget adjustment does not affect Fund 26 Safe Clean Water reserves.

Regarding Item 3.1, No. 4, Software Upgrades and Enhancements to Geographic Information System (GIS):

Staff to advise the Board of the Committee's support of a Request for Proposals process for the GIS Upgrades and Enhancements Project.

3.2. Capital Projects Status Updates – Construction.

Ms. Oven, Mr. Nguyen, and Mr. Tikekar reviewed the information on this item, per the attached Committee Agenda Memo. The corresponding presentation materials contained in Attachment 1 were reviewed by staff as follows: Ms. Oven reviewed Items 1, 2, and 8; Mr. Nguyen reviewed Items 3 through 7 and 9 through 13; and Mr. Tikekar reviewed Items 14 and 15.

Mr. Nguyen briefed the Committee on staff's response to the City of Milpitas' claim for damages to landscaping associated with the Berryessa Creek project,

and noted that staff is working with the U.S. Army Corps of Engineers and the construction contractor to resolve the matter.

Chairperson Hsueh expressed the Committee's expectation that at least 40-50 percent of project construction be managed by internal staff, and made the following request:

That the decision process for using internal construction management staff be incorporated into the Committee presentation on lessons learned from large construction projects.

3.3. Priority Ranking Criteria for the Capital Improvement Program.

Ms. Beth Redmond, Capital Program Planning and Analysis Manager, reviewed the information on this item, per the attached Committee Agenda Memo; and reviewed the corresponding presentation materials contained in Attachment 1.

Chairperson Hsueh reiterated that Environmental Justice and Disadvantaged Communities was to be set apart as a category of its own, and not included with the Community Engagement, and she expressed support for increases to weight value for the Environmental and Natural Resources Sustainability qualifying criteria.

The Committee requested the following:

- Include a separate category for Environmental Justice and Disadvantaged Communities in the Capital Improvement Program (CIP) Priority Criteria for all project sections, and investigate weight value and qualifying criteria and bring back a proposal for the Committee's consideration;
- Utilize proposed Environmental Justice language on Page 18, *Promotes environmental justice or has a positive impact on disadvantaged communities (EL 1.1)*, in all project sections;
- Staff to investigate assigning a higher weight to Environmental and Natural Resources Sustainability by reducing the weight value of the Primary Objective category in Water Resources Stewardship Projects, Page 19;
- Staff to investigate reduced carbon footprint alternatives for weighting criteria in Information Technology and Capital Improvement Project criteria; and
- Staff to investigate how information technology projects can benefit natural resources sustainability and include weighting criteria.

The Committee continued the item to the next regularly-scheduled meeting on November 19, 2018.

3.4. 2018 Capital Improvement Program Committee Work Plan.

Ms. Jean Cohen, United Association of Plumbers, Pipefitters and Refrigeration Fitters Local Union 393, expressed support for inclusion of the Project Labor Agreement in the Committee's Work Plan.

Chairperson Hsueh reviewed the information on this item, per the attached Committee Agenda Memo; and reviewed the corresponding presentation materials contained in Attachment 1.

The Committee requested the following additions to the Committee's Work Plan:

- Discussion of Project Labor Agreements (PLAs) after January 2019, to include the following:
 - Overview of PLAs;
 - How does a PLA different from current practice;
 - Case studies from other agencies with PLAs, including pros and cons;
 - District policy on PLA;
 - Other agencies' policies on PLA;
 - Best practices for implementing a PLA;
 - Public input process on PLA;
 - Targeted Hiring Agreement; and
 - Establish schedule for Committee consideration of PLA: Meeting No. 1—Overview of PLA, Meeting No. 2—Review intricate parts of PLA, and Meeting No. 3—If it makes sense to move forward with PLA implementation; and
- CIP Implementation—Discussion of lessons learned to include:
 - Lessons learned on current large-scale project in construction phase, and
 - Level of in-house construction management resources; and
- CIP Development section:
 - Dam Seismic Retrofit Program Update; and
 - That Ms. Owen would respond to Board Member Request No. R-18-0016 via the CEO Bulletin that staff will be working with the Board's CIP Committee to respond.

Chairperson Hsueh confirmed the Committee's next regular meeting was scheduled for 10:00 a.m. on November 19, 2019.

4. INFORMATION ITEMS:

- 4.1. Staff Response to Public Comment Email From Doug Muirhead Dated August 6, 2018 Regarding Capital Improvement Program Mitigation Monitoring.

The Committee noted the information, without formal action.

- 4.2. Email From William Sherman Dated September 22, 2018, Regarding Water Rate Increases.

The Committee noted the information, without formal action.

5. ADJOURN:

- 5.1. Clerk's Review and Clarification of Committee Requests and Recommendations.

Ms. Michelle Meredith, Deputy Clerk, read the following requests into the record:

Regarding Item 3.1, No. 2, Permanente Creek Project:

- Staff to clarify for the Board that the amendment is needed for additional engineering support during construction for Permanente Creek is due to the extended duration of the project construction periods at McKelvey Park and RSA, and to advise the Board of the potential impacts to the construction management contracts associated with the extended construction schedule;
- Staff to investigate the possibilities of supplementing construction management services for Permanente Creek Project with in-house staff resources; and
- Staff to clarify for the Board that the proposed budget adjustment does not affect Fund 26 Safe Clean Water reserves.

Regarding Item 3.1, No. 4, Software Upgrades and Enhancements to Geographic Information System (GIS):

Staff to advise the Board of the CIP Committee's support of a Request for Proposals process for the GIS Upgrades and Enhancements Project.

Regarding Item 3.2:

That the decision process for using internal construction management staff be incorporated into the Committee presentation on lessons learned from large construction projects.

Regarding Item 3.3:

- Include a separate category for Environmental Justice and Disadvantaged Communities in the CIP Priority Criteria for all project sections, and investigate weight value and qualifying criteria and bring back a proposal for the Committee's consideration;
- Utilize proposed Environmental Justice language on Page 18, *Promotes environmental justice or has a positive impact on disadvantaged communities (EL 1.1)*, in all project sections;
- Staff to investigate assigning a higher weight to Environmental and Natural Resources Sustainability by reducing the weight value of the Primary Objective category in Water Resources Stewardship Projects, Page 19;
- Staff to investigate reduced carbon footprint alternatives for weighting criteria in Information Technology and Capital Improvement Project criteria; and
- Staff to investigate how information technology projects can benefit natural resources sustainability and include weighting criteria.

Regarding Item 3.4:

The Committee requested the following additions to the Committee's Work Plan:

- Discussion of Project Labor Agreements (PLAs) after January 2019, to include the following:
 - Overview of PLAs;
 - How does a PLA differ from current practice;
 - Case studies from other agencies with PLAs, including pros and cons;
 - District policy on PLA;
 - Other agencies' policies on PLA;
 - Best practices for implementing a PLA;
 - Public input process on PLA;
 - Targeted Hiring Agreement; and
 - Establish schedule for Committee consideration of PLA: Meeting No. 1—Overview of PLA, Meeting No. 2—Review intricate parts of PLA, and Meeting No. 3—If it makes sense to move forward with PLA implementation; and

- CIP Implementation—Discussion of lessons learned to include:
 - Lessons learned on current large-scale project in construction phase, and
 - Level of in-house construction management resources; and
- CIP Development section:
 - Dam Seismic Retrofit Program Update; and
 - That Ms. Oven would respond to Board Member Request No. R-18-0016 via the CEO Bulletin that staff will be working with the Board's CIP Committee to respond.

5.2 Adjourn to Regular Meeting at 10:00 a.m. on November 19, 2018, in the Santa Clara Valley Water District Headquarters Board Conference Room A-124, 5700 Almaden Expressway, San Jose, California.

Chairperson Hsueh adjourned the meeting at 11:35 a.m. to the next scheduled meeting at 10:00 a.m., on November 19, 2018, in the Santa Clara Valley Water District Headquarters Board Conference Room A-124, 5700 Almaden Expressway, San Jose, California.

Michelle Meredith
Deputy Clerk of the Board

Approved:

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File No.: 18-0738

Agenda Date: 11/19/2018

Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Capital Project Monitoring - Design.

RECOMMENDATION:

Receive information and provide direction to staff.

SUMMARY:

The CIP Committee's 2018 Workplan includes monitoring of capital projects during all phases of development. Staff will present a list of active projects to the Committee at each Committee meeting and provide detailed information on those where potential and/or significant issues have been identified. The projects presented for discussion will be organized by phases: planning/feasibility; design; and construction. Staff will present projects to the CIP Committee for review one phase at a time. Projects currently in the design phase are being presented at this Committee meeting. Other attachments may be included to provide more detail on other items associated with these projects.

Attachment 1 is a list of projects in the design phase. Staff will respond to the Committee's questions about individual projects at the meeting.

ATTACHMENTS:

Attachment 1: Capital Project Monitoring - Design

UNCLASSIFIED MANAGER:

Katherine Oven, 408-630-3126

Ngoc Nguyen, 408-630-2632

Christopher Hakes, 408-630-3796

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Capital Project Monitoring Report - August 2018

Design Phase

| Row | Project No. | Project Name | Notes, Upcoming Board Actions or potential issues |
|---|----------------------|--|--|
| <u>Water Utility</u> | | | |
| 1 | 91854001 | Almaden Dam Improvements | Planning Study Report June 2019 |
| 2 | 91864005 | Anderson Dam Seismic Retrofit | 90% Design June 2019 |
| 3 | 91874004 | Calero Dam Seismic Retrofit - Design & Construct | 60% Design December 2018 |
| 4 | 91894002 | Guadalupe Dam Seismic Retrofit - Design & Construct | 60% Design June 2018 |
| 5 | 91234011 | Coyote Warehouse | On schedule to open bids on November 28 and award construction contract in December 2018 |
| 6 | 95084002 | 10-Yr Pipeline Inspection & Rehabilitation (Cross Valley Pipeline) | Still waiting on Environment Permits |
| 7 | 95084002 | 10-Yr Pipeline Inspection & Rehabilitation (Central Pipeline) | 60% Design February 2019 |
| 8 | 93294051 | RWTP FRP Residuals Remediation | System Improvement and RWTP Landscape - Advertise for construction January 2019 |
| 9 | 93294058 | RWTP Residuals Management | Design consultant on board for long term fix |
| 10 | 91094009 | SoCo Recycled Water Pipeline- Short-Term Implementation Phase 1B | Design complete, waiting for NEPA |
| 11 | | Water Utility Small Cap Projects | 3 small projects to be advertised for construction spring 2019 |
| <u>Flood Protection</u> | | | |
| 12 | 10394001 | Palo Alto Flood Basin Tide Gate Structure Improvements | Start Design June 2018 |
| 13 | 26284002 | San Francisquito Creek - Construction, SF Bay to Middlefield Road | Bay to 101 Revegetation contract to be advertised for construction January / February 2019 Pope Chaucer design at 60%, Channel design at 90%, Draft EIR October 2018, Permits end of 2019 |
| 14 | 26074002 | Sunnyvale East and West Channels | Permit negotiations underway |
| 15 | 26154003 | Guadalupe Rv-Upper, SPRR to Blossom Hill Road (R7-12) | Completed 65% design for Reach 7, No federal funding allocation project on hold |
| 16 | 40334005 | Lower Penitencia Ck Improvements, Berryessa to Coyote Cks. | Design completed, Permit applications submitted, construction planned for summer 2019 |
| 17 | 50284010 | Llagas Creek–Lower, Capacity Restoration, Buena Vista Road to Pajaro River | On Hold |
| 18 | 26174051 26174052 | Llagas Creek–Upper | Corps - USACE 404 permit expected December 2018 |
| 19 | 26444001 | San Francisco Bay Shoreline - EIA 11 Design & Part Construction | Reach 1 levee design completed, District is obtaining R/W and soil for September 2019 construction |
| 20 | 62084001 | Watershed assed Rehabilitation Program (WARP) | Design beginning for 2 projects to be constructed in summer 2019 |
| 21 | 40174005 | Berryessa Creek Lower Penitencia to Calevaras Blvd. (Lower Calera Creek) | 90% design in December, EIR addendum is being finalized, construction anticipated to begin in summer 2019 |
| <u>Water Resources Stewardship</u> | | | |
| 22 | 26164001 | Hale Creek Enhancement Pilot Study | 60% design completed, Project on hold pending available resources |
| 23 | 26044002 | SCW Fish Passage Improvements at Bolsa Rd | 60% - 90% design - Advertise June 2019 |
| <u>Buildings & IT</u> | | | |
| 24 | 60204016 | Almaden and Windfield Campus, Small Capital Improvements | Building condition assessments have identified projects to be designed using existing on-call contracts |
| 25 | 73274008 | Software Upgrades & Enhancement | An RFP is under development to find the best and most cost-effective long-term enterprise GIS solution for the District |

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File No.: 18-0734

Agenda Date: 11/19/2018

Item No.: 3.2.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Priority Ranking Criteria for the Capital Improvement Program.

RECOMMENDATION:

Receive information and provide direction to staff on recommended revisions to the Priority Criteria for the Fiscal Year 2020-24 CIP.

SUMMARY:

The purpose of this agenda item is for the Committee to review and discuss the CIP Priority Ranking Criteria used to prioritize projects for the Fiscal Year (FY) 2019-23 CIP and provide direction for any changes, to reflect, Board Priorities that the Committee believes should be incorporated into the criteria for the FY 2020-24 CIP.

Staff is recommending some changes to incorporate climate change and environmental justice consideration into the criteria, as shown in Attachment 1. Staff is also recommending some changes to the categories of Primary Objective and Cost Recovery of the CIP Priority Criteria.

The criteria will be revised based on Committee input and will be used to generate project priority scores for the FY 2020-24 Preliminary CIP that will be presented to the Board at its December 5, 2018 special meeting.

ATTACHMENTS:

Attachment 1: CIP Priority Criteria

UNCLASSIFIED MANAGER:

Ngoc Nguyen, 408-630-2632

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CIP Priority Criteria Water Supply Projects

NORMALIZED PRIORITY SCORE = 0
RAW SCORE = 0

Project Name Here

| | |
|--|---|
| PRIMARY OBJECTIVE (70%) | <p>Water Supply (E-2) 0</p> <p>I P</p> <p>A1 <input type="checkbox"/> <input type="checkbox"/> 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 I = Impact (H, M, L); P = Probability (H, M, L)</p> <p>OR</p> <p>A2 <input type="checkbox"/> <input type="checkbox"/> Project expands water utility infrastructure or provides additional water supply to meet current or near future demand (5 years) I = Impact (H, M, L); P = Probability (H, M, L)</p> <p>B <input type="checkbox"/> Project increases water supply portfolio, improves climate change adaptability and/or resilience, 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"/> Timing of when project is needed to meet water supply demands, water quality standards, or other regulations (I = Immediately (0-5 yrs.); S = Short-term (5-10 yrs.); L = Long-term (10+ yrs.))</p> |
| COMMUNITY VALUES (5%) | <p>Environmental Justice (EL-1.1) - Check if applicable 0</p> <p><input type="checkbox"/> Promotes practices, principles and programs that support environmental justice or for disadvantaged communities</p> |
| | <p>Social Factor - Check if applicable 0</p> <p><input type="checkbox"/> Promotes Emergency Recovery</p> <p><input type="checkbox"/> Addresses projected water supply demand indentified by Cities/County</p> <p>Positive Interaction (E-4) - Check all that apply</p> <p><input type="checkbox"/> With the community <input type="checkbox"/> With other agencies</p> |
| ENVIRONMENTAL & NATURAL RESOURCES SUSTAINABILITY (10%) | <p>Water Quality (E-3.2) - Check if applicable 0</p> <p><input 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 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 resiliency and/or adaptation elements <input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features, greenhouse gas reduction or offsets, green or natural infrastructure, is Envision or LEED certified for buildings</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>A <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>OR</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>B <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> |

Note:

Blue text denotes new additions, mostly regarding the Climate Change Action Plan and Environmental Justice

CIP Priority Criteria Water Resources Stewardship Projects

NORMALIZED PRIORITY SCORE = **0**

Project Name _____

RAW SCORE = **0**

| | |
|--|---|
| PRIMARY OBJECTIVE (55%) | <p>Stewardship Projects 0</p> <p>A <input type="checkbox"/> Project creates stewardship features to achieve stewardship commitments: meet a permit condition/requirement, settlement agreement, voter-approved measure (SCW) (H, M, L)</p> <p>B <input type="checkbox"/> Project promotes adaptability and/or resiliency to climate change effects</p> |
| COMMUNITY VALUES (5%) | <p>Environmental Justice (EL-1.1) - Check if applicable 0</p> <p><input type="checkbox"/> Promotes practices, principles and programs that support environmental justice or for disadvantaged communities</p> |
| | <p>Positive Interaction - Check all that apply 0</p> <p><input type="checkbox"/> With the community (E-4) <input type="checkbox"/> With other agencies (E-4)</p> <hr/> <p>Good Neighbor (E-4) - Check all that apply 0</p> <p><input type="checkbox"/> Graffiti removal or prevention features Education Element</p> <p><input type="checkbox"/> Trash removal features (vortex weirs) <input type="checkbox"/> Promotes stream stewardship, flood and Bay protection</p> <p><input type="checkbox"/> Improves aesthetics of project location</p> |
| ENVIRONMENTAL & NATURAL RESOURCES SUSTAINABILITY (25%) | <p>Ecological Function (E-3.2) - Check all that apply 0</p> <p><input type="checkbox"/> Fish barrier removal / structural or nonstructural improvement to fish habitat / <i>SRA plantings or improved water temperature</i> <input type="checkbox"/> Upland habitat protection / preservation</p> <p><input type="checkbox"/> Riparian habitat (planting, setback or protect in place) <input type="checkbox"/> Wetland habitat protection / preservation</p> <p><input type="checkbox"/> Resilient or adaptable to future climate changes</p> |
| | <p>Physical Stream Function (E-3.2) - Check all that apply 0</p> <p><input type="checkbox"/> Holistic watershed approach <input type="checkbox"/> Hardscape reduction</p> <p><input type="checkbox"/> Geomorphologic Design Elements <input type="checkbox"/> Erosion control or sediment source reduction</p> <p><input type="checkbox"/> <i>Greenhouse gas reduction or sequestration</i></p> |
| | <p>Water Quality (E-2.1) - Check all that apply 0</p> <p><input type="checkbox"/> Storm water treatment (pervious pavement, green roofs, etc.) <input type="checkbox"/> Hazardous material removal (asbestos, lead, hydrocarbons, etc.)</p> <p><input type="checkbox"/> TMDL Improvements</p> |
| | <p>Trails & Open Space (E-3.3) - Check all that apply 0</p> <p><input type="checkbox"/> Trail-friendly features <input type="checkbox"/> Open space protection / preservation</p> |
| | <p>Lifecycle costs are minimized - Check One 0</p> <p><input type="checkbox"/> Annual cost savings of more than \$500,000</p> <p>A <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>OR</p> |
| COST RECOVERY (10%) | <p>Funding Available from Other Agencies - Check One 0</p> <p><input type="checkbox"/> Over 50% of project costs available from other agencies</p> <p>B <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> |

Note:

Blue text denotes new additions, mostly regarding the Climate Change Action Plan and Environmental Justice

CIP Priority Criteria Buildings & Grounds Projects

NORMALIZED PRIORITY SCORE = 0

Project Name _____

RAW SCORE = 0

| | | | | | | | | | |
|---|--|--|--|---|--|--|---|--|---|
| PRIMARY OBJECTIVE (60%) | <p>Buildings and Grounds (EL-3.4) 0</p> <p>A <input type="checkbox"/> ^I <input type="checkbox"/> ^P Project maintains or replaces existing building infrastructure to provide continuous housing of existing functions and/or to comply with employer safety standards I = Impact (H, M, L); P = Probability (H, M, L)</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; <i>Project promotes adaptability and/or resiliency to climate change effects</i></p> | | | | | | | | |
| COMMUNITY VALUES (5%) | <p>Environmental Justice (EL-1.1) - Check if applicable 0</p> <p><input type="checkbox"/> <i>Promotes practices, principles and programs that support environmental justice or for disadvantaged communities</i></p> | | | | | | | | |
| | <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</p> <p><input type="checkbox"/> Graffiti removal or prevention features</p> <p><input type="checkbox"/> Improves aesthetics of project location</p> | | | | | | | | |
| ENVIRONMENTAL & NATURAL RESOURCES SUSTAINABILITY (15%) | <p>Natural Resources Sustainability (E-3.2) - Check all that apply 0</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Air quality & visibility improvement</td> <td><input type="checkbox"/> Recycled water, rain water or gray water utilized</td> </tr> <tr> <td><input type="checkbox"/> Energy efficient features (lighting, HVAC, maximize daylight use, etc.) / <i>greenhouse gas reduction or offsets</i></td> <td><input type="checkbox"/> Use of recycled or alternative building materials</td> </tr> <tr> <td><input type="checkbox"/> <i>Envision or LEED certified</i></td> <td><input type="checkbox"/> Renewable energy use</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Water efficient features: plumbing fixtures, landscaping, etc.</td> </tr> </table> | <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.) / <i>greenhouse gas reduction or offsets</i> | <input type="checkbox"/> Use of recycled or alternative building materials | <input type="checkbox"/> <i>Envision or LEED certified</i> | <input type="checkbox"/> Renewable energy use | | <input type="checkbox"/> Water efficient features: plumbing fixtures, landscaping, etc. |
| | <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.) / <i>greenhouse gas reduction or offsets</i> | <input type="checkbox"/> Use of recycled or alternative building materials | | | | | | | | |
| <input type="checkbox"/> <i>Envision or LEED certified</i> | <input type="checkbox"/> Renewable energy use | | | | | | | | |
| | <input type="checkbox"/> Water efficient features: plumbing fixtures, landscaping, etc. | | | | | | | | |
| <p>Trails & Open Space (E-3.3) - Check all that apply</p> <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> | | | | | | | | | |
| COST RECOVERY (15%) | <p>Lifecycle costs are minimized - Check One 0</p> <p>A <input type="checkbox"/> <i>Annual cost savings of more than \$500,000</i></p> <p><input type="checkbox"/> <i>Annual cost savings of \$200,000 to \$500,000</i></p> <p><input type="checkbox"/> <i>Annual cost savings of less than \$200,000 (reference ½ PY)</i></p> <p>OR</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>B <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> | | | | | | | | |

Note:

Blue text denotes new additions, mostly regarding the Climate Change Action Plan and Environmental Justice

CIP Priority Criteria Information Technology Projects

NORMALIZED PRIORITY SCORE = **0**
SCORE = **0**

Project Name _____

| | |
|--|---|
| PRIMARY OBJECTIVE (70%) | <p>Information Technology (EL-7.5) 0</p> <p>A <input type="checkbox"/> ^I <input type="checkbox"/> ^P Project maintains existing mission critical software systems and/or Information Technology infrastructure to improve reliability for business continuity; protection of intellectual property information and files from loss or damage I = Impact (H, M, L); P = Probability (H, 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 VALUES (5%) | <p>Environmental Justice (EL-1.1) - Check if applicable 0</p> <p><input type="checkbox"/> Promotes practices, principles and programs that support environmental justice or for disadvantaged communities</p> |
| | <p>Good Neighbor (E-4) - Check all that apply 0</p> <p><input type="checkbox"/> Project facilitates the distribution of information to the community (public transparency)</p> <p><input type="checkbox"/> Project provides an opportunity for community interaction with the District</p> |
| ENVIRONMENTAL & NATURAL RESOURCES SUSTAINABILITY (15%) | <p>Net Positive Impact on the Environment (E-1.4) - Check all that apply 0</p> <p><input type="checkbox"/> Promotes energy efficiency or incorporates energy efficient features, greenhouse gas reduction or offsets, green or natural infrastructure (moving to cloud-based services)</p> <p><input type="checkbox"/> Hazardous waste reduction through selection of technology asset with reduced hazardous content</p> <p><input type="checkbox"/> Extend asset life, reduce waste or encourages recycling</p> <p><input type="checkbox"/> Energy savings: reduces printing, ink and paper (ENERGY STAR)</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>A <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>OR</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>B <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> |

Note:

Blue text denotes new additions, mostly regarding the Climate Change Action Plan

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File No.: 18-0735

Agenda Date: 11/19/2018

Item No.: 3.3.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Draft Preliminary Fiscal Years 2020-2024 Capital Improvement Program.

RECOMMENDATION:

Review and discuss the Draft Preliminary Fiscal Years 2020-2024 Capital Improvement Program and provide direction to staff as needed.

SUMMARY:

The purpose of this agenda item is for the Committee to review and discuss the Draft Preliminary Fiscal Years (FY) 2020-2024 Capital Improvement Program (CIP) (Attachment 1). This version of the document includes the status of existing projects and a list of the newly-proposed and, as yet, unfunded projects. Staff is developing project proposals for some of these new projects, and will run the financial models and evaluate availability of staff resources to determine the financial capacity and optimal timing to initiate the newly-proposed projects.

Based on Committee direction, staff will continue working on the Preliminary CIP. It will be presented to the Committee again at its December 2018 meeting, and then presented to the full Board on January 8, 2019.

ATTACHMENTS:

Attachment 1: Draft Preliminary FY 2020-2024 CIP

UNCLASSIFIED MANAGER:

Ngoc Nguyen, 408-630-2632

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PRELIMINARY FY20 - 24 CIP

Water Supply Projects

PRELIMINARY CIP

Revenue Sources: Groundwater Charges

FY 2020 5-Year CIP Data

| FY 20 Priority | Number | Project Name | A | B | A + B | | Project Schedule (FY20) | Funded By | Zone W-2 % | Zone W-5 % |
|--|--------|---|-----------------------------------|------------------------------------|--------------------|-----------------------------|-------------------------------|------------------|------------------|------------------|
| | | | Planned Spending thru FY19* | Remaining Cost to Completion | FY20 Plnd Expnd | FY20-34 Project Value | | | | |
| Values last updated: 11/6/18 (All values are in thousands) | | | | | | | | | | |
| 91854001 | | Almaden Dam Improvements | 14,954 | 43,492 | 793 | 58,446 | (3,762) | Des | W-2 | 100% |
| 91864005 | | Anderson Dam Seismic Retrofit (C1) | 50,114 | 513,169 | 4,180 | 563,283 | 12,390 | Des | W-2/W-5/SCW | 77% 23% |
| 91084020s | | Calero and Guadalupe Dams Seismic Retrofits | 31,229 | 187,917 | 1,908 | 219,146 | 47,368 | PIng/Des | W-2 | 100% |
| 91084020 | | Calero and Guadalupe Dams Seismic Retrofits - Planning | 9,008 | 340 | 340 | 9,348 | (2) | PIng | W-2 | 100% |
| 91874004 | | Calero Dam Seismic Retrofit - Design & Construct | 13,009 | 113,303 | 523 | 126,312 | 34,527 | Design | W-2 | 100% |
| 91894002 | | Guadalupe Dam Seismic Retrofit - Design & Construct | 9,212 | 74,274 | 1,045 | 83,486 | 12,843 | Design | W-2 | 100% |
| 91234002 | | Coyote Pumping Plant ASD Replacement | 1,369 | 15,012 | 779 | 16,381 | (604) | PIng | W-2 | 100% |
| 91234011 | | Coyote Warehouse | 6,533 | 1,051 | 750 | 7,584 | (63) | Const | W-2/W-5 | 87% 13% |
| 91084019 | | Dam Seismic Stability Evaluation | 19,906 | 9,115 | 638 | 29,021 | (376) | PIng | W-2/W-5 | 79% 21% |
| 91954002 | | Pacheco Reservoir Expansion Project | 17,218 | 1,188,355 | 42,347 | 1,205,573 | 1,176,176 | Des/Const | W-2/W-5 | 72% 28% |
| 60954001 | | Pacheco Reservoir Feasibility Study | 561 | 0 | 0 | 561 | (14,498) | closing | W-2/W-5 | 79% 21% |
| 91214010s | | Small Capital Improvements, San Felipe Reach 1-3 | 3,702 | 59,446 | 5,845 | 63,148 | 17,337 | Continuing | W-2/W-5 | 79% 21% |
| Subtotal: | | | 145,586 | 2,017,557 | 57,240 | 2,163,143 | 1,263,365 | | | |
| 95084002 | | 10-Year Pipeline Rehabilitation (FY18-FY27) | 39,525 | 75,369 | 24,659 | 114,894 | (10,575) | PIng/Des/Cons | W-2/W-5 | 95% 5% |
| 92C40357 | | FAHCE Implementation | 0 | 130,418 | 0 | 130,418 | (14,690) | PIng | W-2 | 100% |
| 26764001 | | IRP2 Additional Line Valves (A3) | 1,090 | 10,046 | 644 | 11,136 | (453) | PIng/Des | SCW | |
| 26564001 | | Main & Madrone Pipelines Restoration (A1) | 17,235 | 617 | 617 | 17,852 | 149 | Const | SCW | 100% |
| 91214001 | | Pacheco Conduit Inspection and Rehabilitation | 8,539 | 0 | 0 | 8,539 | (693) | closing | W-2/W-5 | 79% 21% |
| 92144001 | | Pacheco/Santa Clara Conduit Right of Way Acquisition | 2,896 | 1,890 | 1,584 | 4,786 | (8) | Des/Const | W-2/W-5 | 79% 21% |
| 94384002s | | Penitencia Delivery Main/Force Main Seismic Retrofit | 34,840 | 0 | 0 | 34,840 | 2 | closing | W-2 | 100% |
| 92374005 | | SCADA Remote Architecture & Communications Upgrade | 1,213 | 6,103 | 293 | 7,316 | (275) | PIng | W-2/W-5 | 83% 17% |
| 92764009 | | Small Capital Improvements, Raw Water Transmission | 849 | 2,616 | 90 | 3,465 | (1,107) | Continuing | W-2/W-5 | 83% 17% |
| 94764006 | | Small Capital Improvements, Treated Water Transmission | 0 | 874 | 167 | 874 | 722 | Continuing | W-2 | 100% |
| 94084007 | | Treated Water Isolation Valves | 529 | 7,355 | 761 | 7,884 | (331) | PIng/Des | W-2 | 100% |
| 92264001 | | Vasona Pumping Plant Upgrade | 1,379 | 23,005 | 1,434 | 24,384 | 3,166 | PIng | W-2 | 100% |
| 94084008 | | Westside Retailer Interties | 74 | 1,987 | 6 | 2,061 | 57 | PIng | W-2 | 100% |
| Subtotal: | | | 64,790 | 260,280 | 30,255 | 325,070 | (23,345) | | | |

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PRELIMINARY FY20 - 24 CIP

Water Supply Projects

PRELIMINARY CIP

Revenue Sources: Groundwater Charges

FY 2020 5-Year CIP Data

| FY 20 Priority | Number | Project Name | A | B | A + B | | Project Schedule (FY20) | Funded By | Zone W-2 % | Zone W-5 % |
|------------------------|-----------------|---|-----------------------------------|------------------------------------|--------------------|-----------------------------|-------------------------------|----------------|------------------|------------------|
| | | | Planned Spending thru FY19* | Remaining Cost to Completion | FY20 Plnd Expnd | FY20-34 Project Value | | | | |
| | 92404003 | Alamitos Diversion Dam Improvements | 838 | 2,345 | 0 | 3,183 | 0 | W-2 | 100% | |
| | 92484003 | Coyote Diversion Dam Improvements | 323 | 2,138 | 0 | 2,461 | 0 | W-2 | 100% | |
| | 91C40320 | Dam Seismic Retrofit at 2 Dams (Chesbro & Uvas) | 0 | 89,500 | 0 | 89,500 | 0 | W-5 | 0% | 100% |
| | 91C40375 | Land Rights - South County Recycled Water PL | 0 | 5,816 | 0 | 5,816 | 0 | W-5 | 0% | 100% |
| | 00024006 | SCADA Small Capital Improvements | 0 | 19,612 | 0 | 19,612 | 0 | W-2/W-5 | 83% | 17% |
| | 93C40408 | Water Treatment Plant Electrical Improvement Project | 0 | 10,860 | 0 | 10,860 | (8,752) | W-2/W-5 | 83% | 17% |
| | 93C40409 | STWTP Filter Media Replacement Project | 0 | 9,460 | 0 | 9,460 | (10,152) | W-2/W-5 | 83% | 17% |
| | 91C40395 | So. County Recycled Water Reservoir Expansion | 0 | 7,000 | 0 | 7,000 | 0 | W-5 | 0% | 100% |
| Unfunded Total: | | | 1,161 | 149,188 | 0 | 147,983 | (1,158,698) | | | |

Values last updated: 11/6/18 (All values are in thousands)

- Black Text: Continuing projects or projects carried forward from the FY 19 CIP
- Gray Text: Individual projects considered part of a group or family of projects
- **Orange Text: Projects to be completed or cancelled in FY 2019**
- **Blue Text: New projects proposed for the FY 20 CIP**
- Column A: Actuals spent through prior year + planned expenditures in current year

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PRELIMINARY FY20 - 24 CIP

Flood Protection Projects

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

PRELIMINARY CIP

FY 2020 5-Year CIP Data

| FY 20 Priority | Number | Project Name | A | B | A + B | | Project Schedule (FY20) | Funded By | |
|-------------------|--------|--|--|------------------------------------|--------------------|-----------------------------|-------------------------------|----------------|---------------------|
| | | | Planned Spending thru FY19* | Remaining Cost to Completion | FY20 Plnd Expnd | FY20-34 Project Value | | | Change from FY19 |
| | | | Values last updated: 11/6/18 (All values are in thousands) | | | | | | |
| 10394001 | | Palo Alto Flood Basin Tide Gate Structure Improvements | 3,150 | 9,080 | 1,918 | 12,230 | (196) | Des/Const | PT |
| 10244001s | | Permanente Creek, SF Bay to Foothill Expressway | 96,251 | 1,306 | 1,306 | 97,557 | 1,254 | Const/Closeout | PT/CSC |
| 10284007s | | San Francisquito Creek, SF Bay thru Searsville Dam (E5) | 57,302 | 10,085 | 3,586 | 67,387 | 1,024 | Des/Const | PT/CSC/SCW |
| Subtotal: | | | 156,703 | 20,471 | 6,810 | 177,174 | 2,082 | | |
| 20194005 | | San Tomas Creek, Quito Road Bridge Replacement | 681 | 0 | 0 | 681 | 0 | closing | PT |
| 26074002 | | Sunnyvale East and West Channels | 27,283 | 41,413 | 18,973 | 68,696 | (1,447) | Construction | CSC |
| Subtotal: | | | 27,283 | 41,413 | 18,973 | 68,696 | (1,447) | | |
| 30114002 | | Canoas Creek, Rodent Damage Repair | 6,893 | 37 | 37 | 6,930 | (557) | Construction | PT |
| 26154001s | | Guadalupe River–Upper, I-280 to Blossom Hill Road (E8) | 113,444 | 52,319 | 22,177 | 165,763 | (209) | Des/Const | CSC/SCW |
| Subtotal: | | | 120,337 | 52,356 | 22,214 | 172,693 | (766) | | |
| 26174041s | | Berryessa Creek, Calaveras Boulevard to Interstate 680 | 47,624 | 316 | 261 | 47,940 | (309) | Design | CSC |
| 40174004s | | Berryessa Ck, Lower Penitencia Ck to Calaveras Blvd | 119,782 | 70,783 | 2,268 | 190,565 | (7,143) | Des/Const | PT |
| 26174043 | | Coyote Creek, Montague Expressway to Tully Road (E3) | 14,507 | 30,513 | 941 | 45,020 | 8 | Plng | CSC |
| 40264011 | | Cunningham Flood Detention Certification | 11,198 | 258 | 225 | 11,456 | (231) | Construction | PT |
| 40334005 | | Lower Penitencia Ck Improvements, Berryessa to Coyote Cks. | 14,657 | 12,180 | 10,629 | 26,837 | (116) | Des/Const | PT |
| 40264007s | | Lower Silver Creek, I-680 to Cunningham (Reach 4-6) | 100,635 | 580 | 361 | 101,215 | (62) | Construction | Sub |
| 40324003s | | Upper Penitencia Creek, Coyote Creek to Dorel Drive | 13,731 | 42,576 | 2,277 | 56,307 | (5,138) | Plng/Des | PT/SCW |
| Subtotal: | | | 322,134 | 157,206 | 16,962 | 479,340 | (12,991) | | |

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PRELIMINARY FY20 - 24 CIP

Flood Protection Projects

PRELIMINARY CIP

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

FY 2020 5-Year CIP Data

| FY 20 Priority | Number | Project Name | A | B | A + B | | Project Schedule (FY20) | Funded By | |
|--|--------|--|-----------------------------------|------------------------------------|--------------------|-----------------------------|-------------------------------|---------------|---------------------|
| | | | Planned Spending thru FY19* | Remaining Cost to Completion | FY20 Plnd Expnd | FY20-34 Project Value | | | Change from FY19 |
| Values last updated: 11/6/18 (All values are in thousands) | | | | | | | | | |
| 50284010 | | Llagas Creek–Lower, Capacity Restoration, Buena Vista Road to Pajaro River | 4,839 | 8,527 | 2,665 | 13,366 | (513) | Design | Sub |
| 26174051s | | Llagas Creek–Upper, Buena Vista Avenue to Llagas Road | 96,950 | 73,623 | 40,349 | 170,573 | (2,272) | Construction | CSC/SCW |
| Subtotal: | | | 101,789 | 82,150 | 43,014 | 183,939 | (2,785) | | |
| 00044026s | | San Francisco Bay Shoreline (E7) | 33,456 | 61,613 | 29,401 | 95,069 | 52,634 | Des/Const | PT |
| 62084001 | | Watersheds Asset Rehabilitation Program | 24,455 | 160,154 | 8,269 | 184,609 | 4,057 | Plng/Des/Cons | PT |
| Subtotal: | | | 57,911 | 221,767 | 37,670 | 279,678 | 56,691 | | |
| Flood Protection Total: | | | 786,157 | 575,363 | 145,643 | 1,361,520 | 40,784 | | |

| | | | | | | | | |
|------------------------|--|----------|---------------|----------|---------------|----------|--|--|
| 26C40229 | SF Bay Shoreline EIA 11 (Construction) | 0 | 35,000 | 0 | 35,000 | 0 | | |
| 30C40407 | Los Gatos Creek Restoration Project | 0 | 0 | 0 | 0 | 0 | | |
| Unfunded Total: | | 0 | 35,000 | 0 | 35,000 | 0 | | |

- Black Text: Continuing projects or projects carried forward from the FY 19 CIP
- **Orange Text: Projects to be completed or cancelled in FY 2018**
- **Blue Text: New projects proposed for the FY 20 CIP**
- Column A: Actuals spent through prior year + planned expenditures in current year

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PRELIMINARY FY20 - 24 CIP

Water Resources Stewardship Projects

Revenue Sources: Groundwater Charges, Property Tax, Subventions

PRELIMINARY CIP

FY 2020 5-Year CIP Data

| FY 20 | | | A | B | A + B | | Project | Zone | Zone | | |
|---|-----------------|--|-----------------------------|------------------------------|-----------------|-----------------------|------------------|-----------------|-------------------|-------|-------|
| Priority | Number | Project Name | Planned Spending thru FY19* | Remaining Cost to Completion | FY20 Plnd Expnd | FY20-34 Project Value | Change from FY19 | Schedule (FY20) | Funded By | W-2 % | W-5 % |
| | 62184001 | SMP Mitigation, Stream and Watershed Land Preservation | 15,893 | 876 | 876 | 16,769 | 35 | Continuing | PT | | |
| | | Subtotal: | 15,893 | 876 | 876 | 16,769 | 35 | | | | |
| | 00294001s | Stevens Creek Fish Passage Enhancement D4.x | 850 | 19,263 | 0 | 20,113 | (1,021) | FY21 | W-2 (90%)/PT(10%) | 100% | |
| | 26164001 | Hale Creek Enhancement Pilot Study (D6) | 1,209 | 3,644 | 3,644 | 4,853 | 22 | Const/Close | CSC/SCW | | |
| | 26044001 | Almaden Lake Improvements (D4.1a) | 4,479 | 27,024 | 8,741 | 31,503 | (1,296) | Des | CSC/SCW | | |
| | 00C40400s | Watershed Habitat Enhancement Design & Construction | 0 | 62,270 | 0 | 62,270 | (3,228) | FY21 | | | |
| | 26044003 | Ogier Ponds Separation from Coyote Creek (D4.1b) | 500 | 2,664 | 1,463 | 3,164 | (62,334) | Plng/Des | | | |
| | 20444001s | Salt Ponds A5-11 Restoration | 4,488 | 7,625 | 554 | 12,113 | (1,124) | Des/Const | PT/SCW | | |
| | 26044002 | SCW Fish Passage Improvements (D4.3; Bolsa, Evelyn, Singleton) | 3,347 | 914 | 914 | 4,261 | (19) | Const/Close | SCW | | |
| | 26C40370 | SCW Implementation Fund | 500 | 14,552 | 5,739 | 15,052 | (5,772) | Plng | SCW | | |
| | | Subtotal: | 14,873 | 135,292 | 19,592 | 150,165 | (12,438) | | | | |
| | 62044001 | Watershed Habitat Enhancement Studies | 1,770 | 523 | 523 | 2,293 | 20 | Feasibility | PT | | |
| | | Subtotal: | 1,770 | 523 | 523 | 2,293 | 20 | | | | |
| Water Resources Stewardship Total: | | | 32,536 | 136,691 | 20,991 | 169,227 | (12,383) | | | | |

Values last updated: 11/6/18 (All values are in thousands)

Water Resources Stewardship Projects

Revenue Sources: Groundwater Charges, Property Tax, Subventions

PRELIMINARY CIP

FY 2020 5-Year CIP Data

| FY 20 Priority | Number | Project Name | A | | B | | A + B | | Project Schedule (FY20) | Funded By | Zone | |
|------------------------------------|--------|--------------|-----------------------------------|------------------------------------|--------------------|------------------|---------------------|----------|-------------------------------|--------------|----------|--|
| | | | Planned Spending thru FY19* | Remaining Cost to Completion | FY20 Plnd Expnd | Project Value | Change from FY19 | W-2 % | | | W-5 % | |
| None | - | | 0 | 0 | 0 | 0 | | | | | | |
| Unfunded Stewardship Total: | | | 0 | 0 | 0 | 0 | | | | | | |

Values last updated: 11/6/18 (All values are in thousands)

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.

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.

Definitions:

- Black Text: Continuing projects or projects carried forward from the FY 19 CIP
- *Organge Text: Projects to be completed or cancelled in FY 2019*
- *Blue Text: New projects proposed for the FY 20 CIP*
- Column A: Actuals spent through prior year + planned expenditures in current year

- 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

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PRELIMINARY FY20 - 24 CIP

Buildings and Grounds Projects

Revenue Source: Groundwater Charges, Property Tax

PRELIMINARY CIP

FY 2020 5-Year CIP Data

| FY 20 Priority | Number | Project Name | A | B | A + B | | Project Schedule (FY20) | Funded By | WUE % | WSS % | SCW % |
|---------------------------------------|---|--------------|-----------------------------------|------------------------------------|--------------------|-----------------------------|-------------------------------|--------------|----------|----------|----------|
| | | | Planned Spending thru FY19* | Remaining Cost to Completion | FY20 Plnd Expnd | FY20-34 Project Value | | | | | |
| 60204016 | Facility Management, Small Capital Improvements | 2,500 | 35,418 | 2,063 | 37,918 | (3,449) | Continuing | PT/W-2/W-5 | 60% | 40% | 0% |
| 60204032 | Headquarters Operations Building | 0 | 17,348 | 2,086 | 17,348 | (801) | Plng/Des | PT/W-2/W-5 | 60% | 40% | 0% |
| Buildings & Grounds Total: | | | 2,500 | 52,766 | 4,149 | 55,266 | (4,250) | | | | |
| 60C40363 | Fleet and Facility Annex Improvements | 0 | 4,719 | 0 | 4,719 | 0 | | PT/W-2/W-5 | 60% | 40% | 0% |
| 60C40410 | Employee Workspace Optimization Project | 0 | 0 | 0 | 0 | | | PT/W-2/W-5 | 60% | 40% | 0% |
| Unfunded Total: | | | 0 | 4,719 | 0 | 4,719 | 0 | | | | |

Values last updated: 11/6/18 (All values are in thousands)

- Black Text: Continuing projects or projects carried forward from the FY 19 CIP
- Orange Text: Projects to be completed or cancelled in FY 2019
- Blue Text: New projects proposed for the FY 20 CIP
- Column A: Actuals spent through prior year + planned expenditures in current year

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PRELIMINARY FY20 - 24 CIP

PRELIMINARY CIP

Information Technology Projects
Revenue Source: Groundwater Charges, Property Tax

FY 2020 5-Year CIP Data

Table with columns: FY 20 Priority, Number, Project Name, A Planned Spending thru FY19*, B Remaining Cost to Completion, A+B FY20-34 Project Value, Change from FY19, Project Schedule (FY20), Funded By, WUE %, WSS %, SCW %. Includes rows for various IT projects and summary totals.

- Black Text: Continuing projects or projects carried forward from the FY 19 CIP
- Orange Text: Projects to be completed or cancelled in FY 2019
- Blue Text: New projects proposed for the FY 20 CIP
- Column A: Actuals spent through prior year + planned expenditures in current year

CIP GRAND TOTAL: 1,342,512 3,580,886 358,625 4,923,398 1,074,667

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File No.: 18-0736

Agenda Date: 11/19/2018
Item No.: 3.4.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

2018 and 2019 Capital Improvement Committee Work Plan.

RECOMMENDATION:

Review the 2018 and 2019 Capital Improvement Program Committee Work Plan and make revisions as necessary.

SUMMARY:

Work Plans are created and implemented by all Board Committees to increase Committee efficiency, provide increased public notice of intended Committee discussions, and enable improved follow-up by staff. Work Plans are dynamic documents managed by Committee Chairs and are subject to change. Committee Work Plans also serve to assist to prepare an Annual Committee Accomplishments Reports.

The 2018 Capital Improvement Program Committee Work Plan is contained in Attachment 1. Information in this Plan document was provided by staff as follows:

Discussion of topics as stated in the Plan have been described based on information from the following sources:

- Items referred to the Committee by the Board;
- Items requested by the Committee to be brought back by staff;
- Items scheduled for presentation to the full Board of Directors; and
- Items identified by staff.

The Committee's regular meetings scheduled for October and November 2018 will be impacted by the District Holiday Schedule; therefore, the Committee will need to decide whether to reschedule or cancel the meetings. If rescheduling the meetings, the Committee will need to select a date to enable staff to proceed with meeting planning and logistics.

ATTACHMENTS:

Attachment 1: 2018 & 2019 CIP Committee Work Plan
Attachment 2: Handout, Director Gary Kremen

File No.: 18-0736

Agenda Date: 11/19/2018
Item No.: 3.5.

UNCLASSIFIED MANAGER:
Michele King, 408-2630-2711

CIP Committee 2018 Workplan

| | | <u>Feb</u> | <u>Mar</u> | <u>Apr</u> | <u>May</u> | <u>Jun</u> | <u>Jul</u> | <u>Aug</u> | <u>Sep</u> | <u>Oct</u> | <u>Nov</u> | <u>Dec</u> |
|---|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| CIP Implementation | | | | | | | | | | | | |
| 10 Year Pipeline | N o M e e t i n g | | | X | | | | | | | | |
| Long Term Purified Water | | X | | | | | | | | | | |
| Public Private Partnership (P3) Delivery for capital projects | | | | | | | | | | | | |
| So Co Recycled Water Pipeline | | | | | X | | | | | | | |
| Calero & Guadalupe Dams | | | | | | | | X | | | | |
| Safe, Clean Water Projects Implementation | | | | | | | | | X | | | |
| Regulatory Permits Coyote Watershed | | | | | | | | | | | | |
| Presentation on Design-Build | | | | | | | | | | | | |
| Project Labor Agreement | | | | | | | | | | | | |
| Large Construction Projects - Lessons Learned | | | | | | | | | | | | |
| Capital Project Monitoring | | | | | | | | | | | | |
| Construction | | X | | | | | X | | | X | | |
| Design | | | X | | | | | X | | | X | |
| Planning / Feasibility | | | | X | | | | | X | | | X |
| Upcoming Consultant Agreements and Amendments | | | X | | | | | | | X | | X |
| CIP Development | | | | | | | | | | | | |
| Project ranking criteria | | | | | | | | | | X | X | X |
| Preliminary CIP | | | | | | | | | | | X | X |
| Criteria for Ranking Stewardship Projects | | | | | | | X | | | | | |
| Project w/ Environmental Justice Prioritization Criteria | | | | | | | | X | | | | |

Natalie Dominguez

Subject: CIP Agenda Item - Request from Director Kremen

>
> -----Original Message-----
> From: Gary Kremen
> Sent: Tuesday, November 13, 2018 4:05 PM
> To: Michele King <MKing@valleywater.org>
> Subject: Can you forward to CIP committee
>
> Hello CIP Committee:
>
> In a recent Water Storage Committee meeting, it came up that the repair of Calero Dam might cost as much as \$90 million. Calero Dam has a capacity around 10,000 acre-feet and is currently seismically limited to 5,000 acre-feet. Thus one could say it would cost between \$9,000 and \$18,000 / acre-foot for this storage.
>
> By comparison the Pacheco Pass Reservoir Expansion might cost \$485 million (post the Proposition 1 grant of which \$24 million already is being given to us) for 130,000 acre-feet would be around \$3,730 acre-foot of storage.
>
> Thus Calero is between 2.4x and 4.9x more expensive. Additionally, Pacheco generates around 7,000 net acre-feet on an average year of new water of which Calero generate none.
>
> Can you look into this? Also can you look into what would be the savings on rates of \$90 million and what amount of pension liabilities could we pay off with \$90 million.?
>
> Thanks
>
> Gary
>
> P.S. For Brown act reasons do not respond to this email.

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