Santa Clara Valley Water District
Capital Improvement Program Committee Meeting

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

REGULAR MEETING
AGENDA

Monday, December 10, 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

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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

REGULAR MEETING
AGENDA

Monday, December 10, 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. ACTION ITEMS:

2.1. Priority Ranking Criteria for the Capital Improvement Program. **18-0747**

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

Manager: Ngoc Nguyen, 408-630-2632

Attachments: Attachment 1: CIP Priority Ranking Criteria

3. INFORMATION ITEMS:

4. ADJOURN:

4.1. 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.

4.2. Adjourn to Regular Meeting at 10:00 a.m., on January 14, 2018, in the Santa Clara Valley Water District (HQ Boardroom/Board Conference Room A-124), 5700 Almaden Expressway, San Jose, California.

Santa Clara Valley Water District

File No.: 18-0747

Agenda Date: 12/10/2018
Item No.: 2.1.

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 Ranking 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 that reflect Board priorities that the Committee believes should be incorporated into the criteria for the FY 2020-24 CIP.

The criteria, including staff's recommended changes, were reviewed with the Committee on October 15, and November 19, 2018. Based on the Committee's input, additional changes have been made, including adding a category for environmental justice, incorporating climate change consideration and linking the criteria with market opinion research conducted by the District. Staff presented the recommended changes to the CIP Priority Ranking Criteria to the Board for review and direction at its meeting on December 5, 2018. The Board directed their feedback to be brought backto the CIP Committee to incorporate and revisit important aspects of the criteria such as weighting, cost benefits, life cycle costs, environmental and natural resources sustainability (LEED compliance/certification).

The Priority Ranking Criteria, as shown in Attachment 1, will be used to generate project priority scores for the FY 2020-24 Preliminary CIP that will be presented to the Board on January 8, 2019.

ATTACHMENTS:
Attachment 1: CIP Priority Ranking Criteria

UNCLASSIFIED MANAGER:
Ngoc Nguyen, 408-630-2632

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CIP Priority Criteria
Water Supply Projects

NORMALIZED PRIORITY SCORE = 0

Project Name Here

RAW SCORE = 0

PRIMARY OBJECTIVE (70%)

Water Supply (E-2.) 0

	I	P	
A1	☐	☐	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)**
A2	☐	☐	Project expands water utility infrastructure or provides additional water supply, including recycled water to meet current or near future demand (5 years)
			I = Impact (H, M, L); P = Probability (H, M, L)
B	☐		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)**
C	☐		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.)**

ENVIRONMENTAL JUSTICE (5%)

Environmental Justice (EL-1.1) - Check if applicable 0

☐ Promotes practices, principles and programs that support environmental justice or for disadvantaged communities

COMMUNITY VALUES (5%)

Social Factor - Check if applicable 0

☐ Promotes Emergency Recovery

☐ Addresses projected water supply demand indentified by Cities/County

Positive Interaction (E-1) - Check all that apply

☐ With the community ☐ With other agencies

ENVIRONMENTAL & NATURAL RESOURCES SUSTAINABILITY (10%)

Water Quality (E-2.3.) - Check if applicable 0

☐ Promotes drinking water quality ☐ Protects ground water

☐ Protects surface water ☐ Addresses storm water issues

Natural Resources Sustainability (E-4.1.) - Check all that apply

☐ Promotes water use efficiency ☐ Reduces reliance on imported water

☐ Promotes stream management ☐ Encourages water conservation

☐ Protects upland or wetland habitat ☐ Expands or improves fish habitat

☐ Includes climate change resiliency and/or adaptation elements ☐ Promotes energy efficiency or incorporates energy efficient features, greenhouse gas reduction or offsets, green or natural infrastructure

Project Designed to:

☐ LEED Certifcation (C = Certified; S = Silver; G = Gold; P = Platinum)

☐ Envision Achievement (I = Improved; E = Enhanced; S = Superior; C = Conserving; R = Restorative)

COST RECOVERY (10%)

Lifecycle costs are minimized - Check One 0

☐ Annual cost savings of more than $500,000

A ☐ Annual cost savings of $200,000 to $500,000

☐ Annual cost savings of less than $200,000 (reference ½ PY)

OR

Funding Available from Other Agencies - Check One

☐ Over 50% of project costs available from other agencies

B ☐ 26% to 50% of project costs available from other agencies

☐ Up to 25% of project costs available from other agencies

Note:

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

CIP Priority Criteria
Flood Protection Projects

NORMALIZED PRIORITY SCORE = 0

Project Name Here

RAW SCORE = 0

PRIMARY OBJECTIVE (60%)

Natural Flood Protection (E-3) — 0

I P

☐ ☐ 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 based on frequency of flooding (H = every 10 yrs, M = every 25 yrs, L = every 50+ yrs)

☐ Project is a Board or USACE priority, builds new flood protection **(H, M, L)**

☐ Project promotes adaptability and/or resiliency to climate change effects (10 points)

ENVIRONMENTAL JUSTICE (5%)

Environmental Justice (EL-1.1) - Check if applicable — 0

☐ Promotes practices, principles and programs that support environmental justice or for disadvantaged communities

COMMUNITY VALUES (5%)

Positive Interaction (E-1) - Check all that apply — 0

☐ With the Community

☐ With other agencies

Good Neighbor (E-1.6.) - Check all that apply

☐ Graffiti removal or Prevention Features

☐ Improves aesthetics of project location

☐ Trash removal features

ENVIRONMENTAL & NATURAL RESOURCES SUSTAINABLITY (15%)

Ecological Function (E-4.1.) - Check all that apply — 0

☐ Fish barrier removal / structural or nonstructural improvement to fish habitat / SRA plantings or improved water temperature

☐ Upland habitat protection / preservation

☐ Riparian habitat (planting, setback or protect in place)

☐ Wetland habitat protection / preservation

☐ Resilient or adaptable to future climate changes

Physical Stream Function (E-3.1.) - Check all that apply

☐ Hardscape reduction

☐ Holistic watershed approach

☐ Erosion control or sediment source reduction

☐ Geomorphologic Design Elements

☐ Greenhouse gas reduction or sequestration

Water Quality (E-2.1.) - Check all that apply

☐ Storm water treatment (pervious pavement, green roofs, etc.)

☐ Hazardous material removal (asbestos, lead, hydrocarbons, etc.)

☐ TMDL Improvements

Trails & Open Space (E-4.2.) - Check all that apply

☐ Trail-friendly features

☐ Open space protection / preservation

COST RECOVERY (15%)

Lifecycle costs are minimized - Check One — 0

A

☐ Annual cost savings of more than $500,000

☐ Annual cost savings of $200,000 to $500,000

☐ Annual cost savings of less than $200,000 (reference ½ PY)

OR

Funding Available from Other Agencies - Check One

B

☐ Over 50% of project costs available from other agencies

☐ 26% to 50% of project costs available from other agencies

☐ Up to 25% of project costs available from other agencies

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CIP Priority Criteria
Water Resources Stewardship Projects

NORMALIZED PRIORITY SCORE = **0**

Project Name

RAW SCORE = 0

PRIMARY OBJECTIVE (55%)

Water Resources Stewardship (E-4) — 0

A ☐ Project creates stewardship features to achieve stewardship commitments: meet a permit condition/requirement, settlement agreement, voter-approved measure (SCW)

B ☐ Project creates stewardship features that have broad community support **(H, M, L)***

C ☐ Project promotes adaptability and/or resiliency to climate change effects (10 pts)

ENVRIONMENTAL JUSTICE (5%)

Environmental Justice (EL-1.1) - Check if applicable — 0

☐ Promotes practices, principles and programs that support environmental justice or for disadvantaged communities

COMMUNITY VALUES (5%)

Positive Interaction (E-1) - Check all that apply — 0

☐ With the community

☐ With other agencies

Good Neighbor (E-1.6.) - Check all that apply

☐ Graffiti removal or prevention features

☐ Trash removal features

☐ Improves aesthetics of project location

Education Element

☐ Promotes stream stewardship, flood and Bay protection

ENVIRONMENTAL & NATURAL RESOURCES SUSTAINABLITY (25%)

Ecological Function (E-4.1.) - Check all that apply — 0

☐ Fish barrier removal / structural or nonstructural improvement to fish habitat / SRA plantings or improved water temperature

☐ Riparian habitat (planting, setback or protect in place)

☐ Resilient or adaptable to future climate changes

☐ Upland habitat protection / preservation

☐ Wetland habitat protection / preservation

Physical Stream Function (E-3.1.) - Check all that apply

☐ Holistic watershed approach

☐ Geomorphologic Design Elements

☐ Hardscape reduction

☐ Erosion control or sediment source reduction

☐ Greenhouse gas reduction or sequestration

Water Quality (E-2.1.) - Check all that apply

☐ Storm water treatment (pervious pavement, green roofs, etc.)

☐ TMDL Improvements

☐ Hazardous material removal (asbestos, lead, hydrocarbons, etc.)

Trails & Open Space (E-4.2.) - Check all that apply

☐ Trail-friendly features

☐ Open space protection / preservation

COST RECOVERY (10%)

Lifecycle costs are minimized - Check One — 0

☐ Annual cost savings of more than $500,000

A ☐ Annual cost savings of $200,000 to $500,000

☐ Annual cost savings of less than $200,000 (reference ½ PY)

OR

Funding Available from Other Agencies - Check One

☐ Over 50% of project costs available from other agencies

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**EMC Research Survey of SCVWD Voters conducted June 7 - 11, 2017: H = 70-100% (removing toxins from waterways, seismic upgrades, healthy creeks and streams); M = 50-69% (conservation, flood protection, recycled water, habitat); L = 0-49% (homeless encampments, WaterFix, local reservoirs)*

CIP Priority Criteria
Buildings & Grounds Projects

NORMALIZED PRIORITY SCORE = 0

Project Name

RAW SCORE = 0

PRIMARY OBJECTIVE (60%)

Buildings and Grounds 0

	I	P	
A	☐	☐	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)**
B	☐		Project enhances building infrastructure to address treatment of staff issues **(H, M, L)**
C	☐		Project positions the District to meet projected future space needs; Project promotes adaptability and/or resiliency to climate change effects **(H, M, L)**

ENVIRONMENTAL JUSTICE (5%)

Environmental Justice (EL-1.1) - Check if applicable 0

☐ Promotes practices, principles and programs that support environmental justice or for disadvantaged communities

COMMUNITY VALUES (5%)

Positive Interaction (E-4) - Check all that apply 0

☐ With the community ☐ With other agencies

Good Neighbor (E-4) - Check all that apply

☐ Graffiti removal or prevention features

☐ Improves aesthetics of project location

ENVIRONMENTAL & NATURAL RESOURCES SUSTAINABILITY (15%)

Natural Resources Sustainability (E-3.2) - Check all that apply 0

☐ Air quality & visibility improvement ☐ Recycled water, rain water or gray water utilized

☐ Energy efficient features (lighting, HVAC, maximize daylight use, etc.) / greenhouse gas reduction or offsets ☐ Use of recycled or alternative building materials

☐ Renewable energy use

☐ Water efficient features: plumbing fixtures, landscaping, etc.

Trails & Open Space (E-3.3) - Check all that apply

☐ Trail friendly features ☐ Open space protection / preservation

☐ Provides / improves bicycle commute route

Project Designed to:

☐ LEED Certifcation (C = Certified; S = Silver; G = Gold; P = Platinum)

☐ Envision Achievement (I = Improved; E = Enhanced; S = Superior; C = Conserving; R = Restorative)

COST RECOVERY (15%)

Lifecycle costs are minimized - Check One 0

☐ Annual cost savings of more than $500,000

A ☐ Annual cost savings of $200,000 to $500,000

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CIP Priority Criteria
Information Technology Projects

NORMALIZED PRIORITY SCORE = 0

Project Name

SCORE = 0

PRIMARY OBJECTIVE (70%)

Information Technology — 0

	I	P	
A	☐	☐	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)**
B	☐		Project enhances mission critical software systems and/or IT infrastructure to improve user functionality **(H, M, L)**
C	☐		Project enhances mission critical software systems and/or IT infrastructure to meet projected future needs **(H, M, L)**
D	☐		Ties into IT Master Plan finding and/or recommendations (10 pts.)

ENVIRONMENTAL JUSTICE (5%)

Environmental Justice (EL-1.1) - Check if applicable — 0

☐ Promotes practices, principles and programs that support environmental justice or for disadvantaged communities

COMMUNITY VALUES (5%)

Good Neighbor (E-1.6.) - Check all that apply — 0

☐ Project facilitates the distribution of information to the community (public transparency)

☐ Project provides an opportunity for community interaction with the District

ENVIRONMENTAL & NATURAL RESOURCES SUSTAINABILITY (15%)

Net Positive Impact on the Environment (E-1.4.) - Check all that apply — 0

☐ Promotes energy efficiency or incorporates energy efficient features, greenhouse gas reduction or offsets, green or natural infrastructure (moving to cloud-based services)

☐ Hazardous waste reduction through selection of technology asset with reduced hazardous content

☐ Extend asset life, reduce waste or encourages recycling

☐ Energy savings: reduces printing, ink and paper (ENERGY STAR)

COST RECOVERY (10%)

Lifecycle costs are minimized - Check One — 0

☐ Annual cost savings of more than $500,000

A ☐ Annual cost savings of $200,000 to $500,000

☐ Annual cost savings of less than $200,000 (reference ½ PY)

OR

Funding Available from Other Agencies - Check One

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