

Approved 
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May 22, 2023

TO: Scoring Committee
Safe, Clean Water Program

FROM: Los Angeles County Flood Control District

**IMPLEMENTATION OF THE ALTERNATE WATER SUPPLY SCORING PILOT IN
FISCAL YEAR 2024-25 CALL FOR PROJECTS**

As part of the adaptive management of the Safe, Clean Water (SCW) Program, the Metrics and Monitoring Study produced an early deliverable to analyze 183 Infrastructure Program project applications (including projects that were accepted and funded, considered but not funded, referred to the Technical Resources Program, or currently under consideration) to inform potential modifications to the Safe, Clean Water Program Water Supply Benefits Scoring Criteria.

Several alternative approaches to scoring Water Supply Benefits were evaluated, including calibrating scoring to historical projects, adding gradation to scoring rubrics, construction cost indexing, additional accounting for leveraged funding, and a strawman rubric proposal recommended by the North Santa Monica Bay Watershed Area Steering Committee to accommodate local characteristics.

It was determined that calibrating Water Supply Benefits scoring to historical projects would provide a viable alternative to test in the next year of implementation. Not only does it create a refined framework for projects to potentially increase their water supply score, but it also addresses stakeholder concerns about inflation and potential diminishing opportunities resulting from water captured by nearby projects.

As a result, the District is providing a pilot rubric/worksheet to aid project developers in estimating Water Supply Benefit scores calibrated to historical projects as an alternative Scoring Criteria for Water Supply Benefits in all 9 Watershed Areas in Fiscal Year 2024-25 Call for Projects only. It is intentionally separated from the Safe, Clean Water Program project module application since this effort is only a pilot, and the module will still show estimated Water Supply Benefit scores based on the original criteria. Applicants will be able to select whether their proposal should be scored per the original or pilot scoring options for Water Supply Benefits, ensuring the Scoring Committee will only need to utilize one methodology or the other.

Scoring Committee
May 22, 2023
Page 2

For the scoring of Fiscal Year 2024-25 Infrastructure Program Projects, the Scoring Committee shall review and score the submitted projects per each applicant's selected Scoring Criteria for Water Supply Benefits, as was previewed at the April 20th Regional Oversight Committee meeting. The District will provide support throughout the process, and will be providing further background and details in the upcoming Call For Projects Information Sessions scheduled for May 24th and May 25th.

It is important to note that Water Supply Benefits Scoring Criteria will continue to be evaluated within the context of the Metrics and Monitoring Study and the Regional Oversight Committee's upcoming Biennial Progress Report process. If the pilot Scoring Criteria were to be applied to future years, it would require annual updates to the historical calibration going forward. It is also possible that a different direction may be pursued altogether.

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Attach.

Guidance for Alternate Water Supply Scoring Pilot (Optional) for FY2024-25 Call for Projects

Water Supply Benefits Alternative Scoring Analysis

An early outcome of the Metrics and Monitoring Study (MMS) is a recommendation to provide future Safe, Clean Water Program (SCW Program) Infrastructure Program (IP) applicants the opportunity for Projects to be scored using new alternative (optional) scoring criteria for the Water Supply Benefits Sections B1 and B2 of the scoring rubric. The alternative scoring criteria was established by evaluating historical trends and other data based on the analysis of 183 IP Projects that were submitted in the first four years of the SCW Program. Analysis included review of Project applications that were accepted and subsequently funded, considered but not funded, referred to the Technical Resources Program (TRP) for further refinement, or are currently under consideration.

Alternate Water Supply Scoring Pilot

Considering the recommendations in the MMS, the District will implement the Alternate Water Supply Scoring Pilot (Pilot) in all 9 SCWP Watershed Areas. The Pilot will incorporate the new alternative scoring criteria, to potentially determine a project's Water Supply Benefits score, and will be utilized in the Fiscal Year 2024-2025 (FY 24-25) Call for Projects cycle only.

The new alternative scoring criteria will provide additional point scale flexibility so that Project scores can be tallied at one-point increments (as compared to the current stepwise criteria) and would enable projects managing smaller drainage areas to earn points. This approach better aligns the cost-effectiveness and magnitude scoring with the true range of Program-worthy multi-benefit project efficiencies and performance, and inherently accounts for District-wide opportunities, constraints, and economic changes over time.

The Pilot includes the development of the enclosed Alternate Water Supply Scoring Form (Form). Applicants seeking IP funding in FY 24-25 will have the option of using the imbedded Form to determine their Project's Water Supply Benefits score, using the new alternative scoring criteria, in lieu of the original scoring criteria. Note: Use of the Form is optional; the Scoring Committee will evaluate the Water Supply Benefits scores of either the Form (if selected and filled in by the applicant) or the original SCW Program Project Module score that uses the original criteria. Below is the new alternative Water Supply Benefits scoring criteria for reference:

SCW Program

Alternate Water Supply Scoring Pilot (Optional)



B1. Water Supply Cost Effectiveness

Section	Score Range	Scoring Standards
B. Significant Water Supply Benefits	25 points max	The Project provides water re-use and/or water supply enhancement benefits
	13 points max	B1. Water Supply Cost Effectiveness. The Total Life-Cycle Cost² per unit of acre foot of Stormwater and/or Urban Runoff volume captured for water supply is: • $\geq \\$104,000/\text{ac-ft}$ = 1 point • $\geq \\$39,700$ and $< \\$104,000/\text{ac-ft}$ = 2 points • $\geq \\$29,400$ and $< \\$39,700/\text{ac-ft}$ = 3 points • $\geq \\$19,400$ and $< \\$29,400/\text{ac-ft}$ = 4 points • $\geq \\$13,600$ and $< \\$19,400/\text{ac-ft}$ = 5 points • $\geq \\$8,880$ and $< \\$13,600/\text{ac-ft}$ = 6 points • $\geq \\$7,020$ and $< \\$8,880/\text{ac-ft}$ = 7 points • $\geq \\$5,360$ and $< \\$7,020/\text{ac-ft}$ = 8 points • $\geq \\$2,930$ and $< \\$5,360/\text{ac-ft}$ = 9 points • $\geq \\$2,290$ and $< \\$2,930/\text{ac-ft}$ = 10 points • $\geq \\$1,786$ and $< \\$2,290/\text{ac-ft}$ = 11 points • $\geq \\$976$ and $< \\$1,786/\text{ac-ft}$ = 12 points • $< \\$976/\text{ac-ft}$ = 13 points ². Total Life-Cycle Cost: The annualized value of all Capital, planning, design, land acquisition, construction, and total life O&M costs for the Project for the entire life span of the Project (e.g. 50-year design life span should account for 50-years of O&M). The annualized cost is used over the present value to provide a preference to Projects with longer life spans.

B2. Water Supply Benefit Magnitude

Section	Score Range	Scoring Standards
B. Significant Water Supply Benefits, continued	12 points max	B2. Water Supply Benefit Magnitude. The yearly additional water supply volume resulting from the Project is: • > 0 and ≤ 2 ac-ft/year = 1 point • > 2 and ≤ 6 ac-ft/year = 2 points • > 6 and ≤ 11 ac-ft/year = 3 points • > 11 and ≤ 34 ac-ft/year = 4 points • > 34 and ≤ 61 ac-ft/year = 5 points • > 61 and ≤ 100 ac-ft/year = 6 points • > 100 and ≤ 137 ac-ft/year = 7 points • > 137 and ≤ 189 ac-ft/year = 8 points • > 189 and ≤ 263 ac-ft/year = 9 points • > 263 and ≤ 420 ac-ft/year = 10 points • > 420 and ≤ 692 ac-ft/year = 11 points • > 692 ac-ft/year = 12 points

Alternate Water Supply Scoring Pilot

Project Name	Enter Project Name	
Call for Projects Year	FY24-25	
SCW Program Watershed Area	Enter Watershed Area	
Annualized Life-Cycle Cost (\$)		(Cost & Schedule > Cost & Schedule)
Annual Average Capture (AF)		(Water Supply > Benefit Magnitude)
B1. Water Supply Cost Effectiveness (\$/AF)		
B1. Water Supply Score (Pilot)		
B2. Water Supply Benefit Magnitude (Pilot)		

Project Scoring Criteria Section B1 incorporates life-cycle costs. Water Supply efficiency is driven by the ratio of the project’s life-cycle cost to the magnitude of annual capture of stormwater for augmenting water supply.

Project Scoring Criteria Section B2 is based upon estimates of annual average Water Supply Benefits. Water Supply Benefit Magnitude is the yearly additional water supply volume.