

Agenda Item 8 Scope of Work to Support -

- a. GMZ Data
- b. GMZ Storage
- c. Misc

Basin Monitoring Program Task Force Meeting
March 4, 2024
Ian Achimore
Senior Watershed Manager

Background – Two Recent West Yost Task Orders

WEST374-01

Workplan for Basin Monitoring Program TF Planning

Contract Value: \$427,207

Contract Balance: \$3

Executed July 1, 2021

WEST374-02

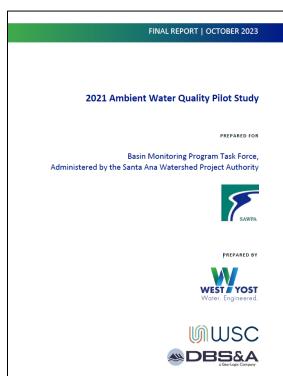
Ambient Water Quality Pilot Study for Nitrogen and TDS

Contract Value: \$339,960

Contract Balance: \$66,650

Executed: January 1, 2023





Note: Deliverables completed and submitted to Regional Board for both Task Orders

Process for Consideration of West Yost Scope

- March 4, 2024 West Yost presents quote.
- TBD Meeting Date Scoping Committee Task Force Considers Scope.
- Next Task Force Meeting (or via email) Scoping Committee Presents Recommendation.
- If approved SAWPA to give approval to West Yost to move forward with implementing quote.

West Yost to Present the Next Slides

Also see February 27, 2024 West Yost proposal document provided as an agenda item handout.



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949.420.3030 phone 530.756.5991 fax westyost.com

February 27, 2024

SENT VIA: EMAIL

Ian Achimore Senior Watershed Manager Santa Ana Watershed Project Authority 11615 Sterling Avenue Riverside, CA 92503

SUBJECT: Proposal to utilize remaining budget from the 2021 Ambient Water Quality Pilot to support required implementation actions

Dear Mr. Achimore:

The purpose of this letter is to provide the Basin Monitoring Program Task Force (Task Force), administered by the Santa Ana Watershed Project Authority (SAWPA) with a proposed scope of services, budget, and schedule for the to support required implementation actions defined in the 2021 Ambient Water Quality Pilot Study report (2021 AWQ report)¹. This work would be performed by the full consultant team—West Yost, Water Systems Consulting (WCS), and Daniel B. Stephens & Associates (DBS&A)—and would utilize the remaining unspent budget from the 2021 Pilot Study contract of \$66,000.

SCOPE OF SERVICES

Pursuant to discussions on how the Consultant Team to provide value to SAWPA and the Task Force, the following scope of work was defined to support compliance with the Basin Plan, including implementation of required action defined in the 2021 AWQ report:

- Task A. Develop Scope of Work to Perform GMZ Storage Model Updates
- · Task B. Develop Scope of Work to Perform Annual Data Collection and Management
- Task C. As-needed Regulatory Support for Basin Plan Compliance
- Task D. Project Management and Meetings

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| Basin Monitoring Program

2021 AWQ Budget Status



Project Budget = \$339,960



Actual Spent = \$273,650



Remaining Budget = \$66,310

West Yost, WSC, and DBS&A propose to use the remaining budget to support some of the implementation actions required to meet schedule of next steps in the 2021 AWQ

Schedule of Task Force Work to Support AWQ: Fiscal Year 2023/24 through 2028/29

FY 2023/24

Oct 31, 2023 – Complete Data Gaps Analysis

Mar 31, 2024 – Develop scope of work to update storage models over a three-year period

Jun 30, 2024 – Develop scope of work to develop tools in support of performing annual data collection

FY 2025/26

Jul 1, 2025 to Jun 30, 2026 - Update of storage models for selected GMZs

Dec 31, 2025 – Submit status report to Regional Board on progress to complete addressing data gaps in accordance with approved framework

Jan 1, 2026 to Jun 30, 2026 - Collect and review data for CY 2025

FY 2027/28

Jul 1, 2027 to Oct 30, 2027 – Perform Assessment of Data Gaps

Nov 1, 2027 to Jun 30, 2028 – Start 2026 AWO and AC Assessment

Jan 1, 2028 - Jun 30, 2028 - Collect and review data for CY 2027

Jul 1, 2024 to Jun 30, 2025 – Update of storage models for selected GMZs

Jul 1, 2024 to Dec 30, 2024 – Develop tools in support of performing annual data collection

Jan 1, 2025 to Jun 30, 2025 – Collect and review data for CY 2022 through 2024

Jul 1, 2026 to Dec 31, 2026 – Develop cost estimate/scope of work to perform 2026 AWO

Jul 1, 2026 to April 30, 2027 – Update of storage models for selected GMZs

Jan 1, 2027 to Jun 30, 2027 - Collect and review data for CY 2026

July 1, 2028 to Oct 1, 2028 – Complete 2026 AWO and AC Assessment

Jan 1, 2029 to Jun 30, 2029 - Collect and review data for CY 2029

FY 2026/27

FY 2024/25

FY 2028/29

Schedule of Task Force Work to Support AWQ: Fiscal Year 2023/24 through 2028/29

FY 2023/24

Mar 31, 2024 – Develop scope of work to update storage models over a three-year period

Jun 30, 2024 – Develop scope of work to develop tools in support of performing annual data collection



FY 2025/26

Jul 1, 2025 to Jun 30, 2026 – Update of storage models for selected GMZs

Jan 1, 2026 to Jun 30, 2026 – Collect and review data for CY 2025

Jul 1, 2024 to Jun 30, 2025 – Update of storage models for selected GMZs

Jul 1, 2024 to Dec 30, 2024 – Develop tools in support of performing annual data collection

Jan 1, 2025 to Jun 30, 2025 – Collect and review data for CY 2022 through 2024

FY 2024/25

Jul 1, 2026 to April 30, 2027 – Update of storage models for selected GMZs

Jan 1, 2027 to Jun 30, 2027 – Collect and review data for CY 2026

FY 2026/27

Scope of Work

- Task A. Develop Scope of Work to Perform GMZ Storage Model Updates
- Task B. Develop Scope of Work to Perform Annual Data Collection and Management
- Task C. As-needed Regulatory Support for Basin Plan Compliance
- Task D. Project Management and Meetings

Task A. Develop Scope of Work to Perform GMZ Storage Model Updates

- Defining which GMZs should be updated in each fiscal year from 2024/25 through 2026/27.
 - Consultant team to meet with Task Force agencies to obtain relevant information about the GMZs and recent and upcoming modeling efforts.
 - This information will be used to prioritize the timing of analysis for each GMZ and estimate the level of effort to complete each GMZ update.
- Computing the AWQ statistics for every GMZ for use in the subsequent fiscal years to compute the 2021 AWQ for GMZs where the storage model is updated.
- Budget permitting, the consultant team will collect and process the water level data for the 2019 through 2021 period for use in the subsequent fiscal years to compute the 2021 AWQ for GMZs where the storage model is updated.

Task B. Develop Scope of Work to Perform Annual Data Collection and Management

- Meeting with SAWPA staff to discuss database tool and data management options for consideration.
- Present options for tools and data management options to the Task Force.
 - Two presentations are anticipated, one to present draft concepts and one that is responsive to input received.
- Collaborate with SAWPA staff to develop a scope of work to implement beginning in fiscal year 2024/25

Task C. As-needed Regulatory Support for Basin Plan Compliance

- Supporting implementation of the Declaration of Conformance (expected adoption in March 2024
- Supporting the development of a Basin Plan Amendment (planned for late 2024)
- Develop documentation of milestone decisions made by the Task Force over the last two fiscal years and a process to document and record key decisions going forward.
- Other as-needed tasks can be performed, budget-permitting. Each task will be discussed with Task Force Administrator prior to implementation.

Cost Estimate

Table 1. Estimated Cost of Additional Project Scope

Task	West Yost	WSC	DBS&A	Total Estimated Budget
Task A. Develop Scope of Work to Perform GMZ Storage Model Updates	\$12,000	\$15,000	\$0	\$27,000
Task B. Develop Scope of Work to Perform Annual Data Collection and Management	\$6,500	\$6,500	\$6,500	\$19,500
Task C. As-needed Regulatory Support	\$8,500	\$0	\$0	\$8,500
Task D. Meetings and Project Management	\$5,000	\$5,000	\$1,000	\$11,000
Total Budget	\$32,000	\$26,500	\$7,500	\$66,000