

**Central Valley Salt & Nitrate Management Plan Region 5 Updated Groundwater Quality Analysis
Executive Committee Procurement Recommendation
Calendared for Approval 3/11/2016**

Background

Based on procurement efforts in late 2013 Larry Walker Associates (LWA) team was selected for the Phase II Conceptual model work. Their proposal included many tasks that that may be helpful to the completion of the work which were not awarded in March 2014. LWA team has concluded a majority of the work under this project and is presenting sections of the work to CV-SALTS committees. At the June 18, 2015 Executive Committee Policy meeting, Luhdorff & Scalmanini (L&S) of LWA team presented information regarding ongoing Phase II Conceptual Model project work. As part of the presentation, the LWA team requested Committee input regarding whether CV-SALTS should complete a higher resolution analysis of nitrate and TDS groundwater quality in the Central Valley (e.g., ambient groundwater quality; assimilative capacity) for incorporation into the developing Salt & Nitrate Management Plan (SNMP). While this work had generally been in the unawarded scope proposed by LWA, the Committee requested that L&S submit a revised proposal for the scope and budget to provide the basis for additional discussions regarding the need for this work.

L&S submitted a final letter proposal with scope and budget to the CV Salinity Coalition Executive Director CVSC-ED) and Technical Project Manager (TPM) on July 27, 2015, following several weeks of discussion and revision on earlier drafts. This final letter was submitted to Central Valley Water Board staff for review and comment. Following internal review, the Central Valley Water Board staff requested that the final letter proposal be submitted to the CV-SALTS Technical Advisory Committee (TAC) for review and discussion and, if appropriate, a recommendation to the Executive Committee.

The TAC reviewed the letter proposal at its October 19, 2015 meeting. The outcome was a unanimous recommendation that CV-SALTS fund the proposed work, including optional Subtask 6.8 which will provide groundwater quality information in areas outside the Central Valley floor. Attached is the revised letter proposal that incorporated the TAC meeting and includes some minor edits to Subtask 6.6 to clarify that this work would be completed separately from ongoing development of technical sections of the SNMP. The attached proposal was presented for Executive Committee consideration at its November 6, 2015 meeting.

The Executive Committee approved the proposed L&S scope of work and budget (including optional Subtask 6.8), and CVSC executed a contract and authorized CDM Smith (Richard Meyerhoff) under its existing agreement with the CV Salinity Coalition to function as the TPM for the project. In January and February 2016, the project committee reviewed progress to date and requested the work be modified to better align with the existing SNMP deliverables from the Initial Conceptual Model (ICM) work completed in December 2013. LWA team provided a scope and cost budget for the requested change (attached).

The primary work requested is the calculation of statistics of volume-weighted ambient groundwater quality and assimilative capacity for the 41 DWR-designated groundwater basins and IAZ areas established by the Initial Conceptual Model. The data calculations and preparation of data tables scoped under Tasks 1 and 2, respectively, are the key need for the Regional Board. Other work products

described under Tasks 3, 4 and 5 are not critical to the development of the SNMP. If only the tables are produced using the methodology for the assessment established in the original scope of work, little presentation or other work would be required. The TPM and CVSC ED recommend that the Executive Committee consider the scope and approve Task 1 and Task 2.

Actions

The TPM and CVSC ED recommend that the Executive Committee approve the proposed scope of work for Task 1 and Task 2 at a not to exceed cost of \$4,170 and request the Central Valley Salinity Coalition consider funding for the project at their next opportunity.