

Constituent of Emerging Concern Pilot Study Budget Request to Delta Regional Monitoring Program Steering Committee

OVERSIGHT GROUP

Technical Advisory Committee (TAC) Constituent of Emerging Concern (CEC) Subcommittee

WORK PLAN DEVELOPMENT

Stakeholder group of MS4s, POTWs, State Water Resources Control Board (State Board), and Central Valley Regional Water Quality Control Board (Regional Board), collectively referred to as “Stakeholders”.

ESTIMATED COST

The Stakeholders agreed to initiate the project in fiscal year (FY) 2018/2019 through development of the Quality Assurance Project Plan (QAPP) and planning and procurement efforts in coordination with the TAC CEC Subcommittee. Sample collection would begin after July 1, 2019.

FY2018/2019

The FY2018/2019 cost and budget request to the Delta RMP is \$45,000, primarily for labor by the Aquatic Science Center (ASC). ASC prepared a detailed cost estimate for 1) QAPP development and 2) an additional contingency amount was estimated to support the initial set-up of the program:

- 1) \$23,000 QAPP revisions and approval through SWAMP – cost estimate provided by ASC
- 2) \$22,000 Program implementation - optimization of Pilot Study Work Plan, logistics planning, sample collection and analysis vendor selection process administration, contract set-up with vendors, coordination with other monitoring programs, facilitation of TAC CEC Subcommittee, and start-up mobilization for FY2019/2020 sample collection. This initial cost estimate to be refined and confirmed by ASC prior to the July 17, 2018 Steering Committee meeting.

FY2019/2020, FY2020/2021, and FY2021/2022

Sample collection begins in FY2019/2020 and the three sample collection years are budgeted at approximately \$200,000 annually. These costs will be further refined during FY2018/2019 planning.

WORK PLAN OVERVIEW

The Pilot Study Work Plan includes water column, sediment, and tissue sample collection at Delta and immediate tributary locations over a three-year sample collection period. Following a planning and mobilization year (FY2018/2019), the first two years of sample collection include ambient surface waters, tissue, and sediment sample collection. The second and third years

include “source” water sample collection. Finally, the Pilot Study Work Plan includes a gradient study in the third year.

The Stakeholders presented the Pilot Study Work Plan approach to the Delta Regional Monitoring Program (Delta RMP) Steering Committee on multiple occasions dating back to the October 24, 2017 Joint TAC-Steering Committee meeting. At that time specific funding guidance was provide to the TAC for other study components (methylmercury, nutrients, and pesticides) and CEC work was acknowledged as a special study for consideration with available funds. The TAC has provided comments only on specific questions from the Steering Committee (March 2, 2018 meeting), and this proposal was developed by the TAC CEC Subcommittee.

FINALIZED PILOT STUDY WORK PLAN

The three-year Pilot Study Work Plan was approved by the Regional Water Board and State Board staff, though final signature approval are pending. The approved Pilot Study Work Plan is provided with this budget request. The final approval letter will be provided to the Steering Committee at the July 17, 2018 Steering Committee meeting.