

BOARD MEETING DATE: June 6, 2025

AGENDA NO. 7

PROPOSAL: Recognize Revenue, Appropriate Funds, and Issue Sole Source Purchase Orders for Air Monitoring Equipment

SYNOPSIS: South Coast AQMD is expected to receive up to \$760,000 from U.S. EPA for the PM2.5 Monitoring Program. These actions are to: 1) recognize revenue and appropriate funds for the PM2.5 Monitoring Program into the Monitoring and Analysis FY 2024-25 and/or FY 2025-26 Budgets; and, 2) issue sole source purchase orders for air monitoring equipment.

COMMITTEE: Administrative, May 9, 2025; Recommended for Approval

RECOMMENDED ACTIONS:

1. Recognize revenue in the General Fund up to \$299,000 and appropriate up to \$299,000 from the Undesignated (Unassigned) fund balance upon receipt (\$461,000 for Salaries and Employee Benefits is already included in the budget) into the Monitoring and Analysis FY 2024-25 and/or FY 2025-26 Budgets, Services & Supplies and Capital Outlays Major Object, as set forth in Attachment 1; and
2. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue sole source purchase orders for the following items, as listed in Table 1:
 - a. One DRI PM2.5 Carbon Analyzer not to exceed \$130,000; and
 - b. Up to three Met One Speciated PM2.5 samplers not to exceed \$69,000.

Wayne Natri
Executive Officer

Background

Since 1998, U.S. EPA has provided funds under Section 103 for a comprehensive PM2.5 Air Monitoring Program. To date, there are 19 ambient monitoring stations in the South Coast Air Basin (Basin) operating 22 Federal Reference Method (FRM) PM2.5 monitors under U.S. EPA funding, and 20 Federal Equivalent Method (FEM/Non-FEM) PM2.5 continuous monitors. In addition, U.S. EPA supports the ongoing collection of PM2.5 mass and chemical speciation data at several sites within the Basin. The chemical speciation of fine particulate matter supports the characterization of PM2.5 sources, air quality conditions, and health impacts. South Coast AQMD is expected to receive up to \$760,000 from the U.S. EPA for the annually funded PM2.5 Program for the continuation of the PM2.5 Program through March 31, 2026. Revenue for this grant in the amount of \$461,000 for Salaries and Benefits has already been included in the budget.

Proposal

This action is to recognize revenue in the General Fund up to \$299,000 and appropriate up to \$299,000 from the Undesignated (Unassigned) fund balance upon receipt into the Monitoring and Analysis FY 2024-25 and/or FY 2025-26 Budgets, Services & Supplies and Capital Outlays Major Object, as set forth in Attachment 1. Use of the funds will be used to purchase one DRI PM2.5 Carbon Analyzer and up to three Met One Speciated SASS Samplers.

DRI PM2.5 Carbon Analyzer

A DRI PM2.5 Carbon Analyzer is needed to replace a current carbon analyzer that is more than 15 years old and no longer supported by the manufacturer. Replacing this analyzer will ensure the long-term viability of carbon analysis for the U.S. EPA PM2.5 Chemical Speciation Network (CSN) and ensure program requirements are being met. The estimated cost of one DRI PM2.5 Carbon Analyzer is \$130,000 (see Table 1). This purchase will be made through a sole source purchase process.

Met One Speciated PM2.5 SASS Samplers

Up to three Met One Speciated PM2.5 SASS samplers are needed to replace current samplers that are more than 15 years old. Replacing these units with newer flow-controlled units will improve the accuracy and completeness needed to continue meeting U.S. EPA PM2.5 CSN program requirements. The estimated cost for up to three Met One Speciated PM2.5 SASS samplers is \$69,000 (see Table 1). The purchase will be made through a sole source purchase process.

Sole Source Justification

Sole Source Justification Section VIII.B.3a of South Coast AQMD's Procurement Policy and Procedure identifies four major provisions under which a sole source award funded in whole or in part with federal funds may be justified. Specifically, these requests for sole source awards are made under provision VIII.B.3.a. the item is

available only from a single source. The DRI PM2.5 Carbon Analyzer is necessary for ensuring analytical consistency with existing instrumentation, and is only available from Sonoma Technology, Inc. The Met One Speciated PM2.5 SASS Sampler is the only instrument utilized as part of the CSN program that satisfies U.S. EPA collocation requirements.

Resource Impacts

U.S. EPA Section 103 Grant funding will support the continuation of the PM2.5 Program, including equipment, and services and supplies necessary to meet the program objectives.

Table 1
Proposed Purchases through Sole Source Purchase Order

Description	Qty	Funding Source	Estimated Amount
DRI PM2.5 Carbon Analyzer	1	PM2.5 FY 2024-25 and/or FY 2025-26	\$130,000
Met One Speciated PM2.5 SASS Samplers	Up to 3	PM2.5 FY 2024-25 and/or FY 2025-26	\$69,000
Total			\$199,000

Attachment

Proposed PM2.5 Expenditures for FY 2024-25 and/or FY 2025-26

Attachment 1
Proposed PM2.5 Expenditures for FY 2024-25 and/or FY 2025-26

Account Description	Account Number	Program Code	Estimated Expenditures^{1,2}
Services & Supplies Major Object:			
Rents and Leases Structure	67350	47500	\$3,000
Maintenance of Equipment	67600	47500	\$20,000
Building Maintenance Operation	67650	47500	\$1,000
Travel - Training	67800	47500	\$1,000
Laboratory Supplies	68050	47500	\$33,500
Office Expense	68100	47500	\$2,500
Small Tools, Instruments, Equipment	68300	47500	\$20,000
Total Services & Supplies Major Object:			\$81,000
Capital Outlay Major Object:			
DRI PM2.5 Carbon Analyzer	77000	47500	\$130,000
Met One Speciated PM2.5 SASS Samplers	77000	47500	\$69,000
Total Capital Outlay Major Object:	77000	47500	\$199,000
Total Appropriations			\$280,000

Note: Salaries and Benefits are already included in the FY 2024-25 and FY 2025-26 Budgets.

¹Funds not expended by June 30, 2025, will be carried over to FY 2025-26.

²Expenditures may be appropriated in Services & Supplies and/or Capital Outlays Major Object as warranted.