

BOARD MEETING DATE: May 1, 2026

AGENDA NO. 6

PROPOSAL: Recognize Revenue and Appropriate Funds for the PM2.5 Air Monitoring Program, Issue Solicitation and Purchase Orders for Air Monitoring Equipment

SYNOPSIS: South Coast AQMD is expected to receive up to \$682,950 from U.S. EPA for the PM2.5 Monitoring Program. These funds will be divided between Salaries and Employee Benefits (\$461,000), Services & Supplies (\$146,950), and Capital Outlay (\$75,000). These actions are to recognize revenue and appropriate funds for the PM2.5 Monitoring Program into the Monitoring and Analysis FY 2025-26 and/or 2026-27 Budgets, and to issue a solicitation and purchase orders for air monitoring equipment.

COMMITTEE: Administrative, April 10, 2026; Recommended for Approval

RECOMMENDED ACTIONS:

1. Recognize revenue in the General Fund up to \$682,950 and appropriate funds up to \$221,950 from the Undesignated (Unassigned) fund balance upon receipt of U.S. EPA funds (\$461,000 for Salaries and Employee Benefits is already included in the budget) into the Monitoring and Analysis (MAD) FY 2025-26 and/or 2026-27 Budgets (Org 47), Services & Supplies and Capital Outlays Major Object, as set forth in Attachment 1;
2. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue a solicitation, as needed, and based on results, issue a purchase order for one Ebac DD900 Desiccant Dehumidifier in an amount not to exceed \$20,000 as listed in Table 1; and
3. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue a sole source purchase order for up to two Met One Speciated PM2.5 SASS Samplers in an amount not to exceed \$55,000 as listed in Table 1.

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 17 ambient monitoring stations in the Basin operating 20 Federal Reference Method (FRM) PM2.5 monitors under U.S. EPA funding, and 23 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 \$682,950 from the U.S. EPA for the annually funded PM2.5 Program for the continuation of the PM2.5 Program through March 31, 2027. Revenue for this grant in the amount of \$461,000 for Salaries and Benefits has been included in the annual budget.

Proposal

This action is to recognize revenue in the General Fund up to \$682,950 and appropriate up to \$221,950 from the Undesignated (Unassigned) fund balance upon receipt of U.S. EPA funding into the MAD FY 2025-26 and/or FY 2026-27 Budgets, Services & Supplies and Capital Outlays Major Object, as set forth in Attachment 1. These funds will be used to purchase one Ebac DD900 Desiccant Dehumidifier and up to two Met One Speciated PM2.5 SASS Samplers.

Services & Supplies

A budget for Services & Supplies, as set forth in Attachment 1, includes funding for the PM2.5 program that pertains to rents and leases for monitoring stations, maintenance of equipment, building maintenance operation, training, laboratory supplies, office expenses, small tools, instruments, and equipment.

Ebac DD900 Desiccant Dehumidifier

One Ebac DD900 Desiccant Dehumidifier is needed to replace the current unit which is not able to reliably meet the U.S. EPA PM2.5 weigh room humidity requirements. Replacing this unit with a higher capacity one will ensure humidity levels are stable and within the acceptable range. The estimated cost for one Ebac DD900 Desiccant Dehumidifier is \$20,000 (Table 1). The purchase will be made through a solicitation process, followed by the issuance of a purchase order.

Met One Speciated PM2.5 SASS Sampler

The current Met One Speciated PM2.5 SASS samplers measure fine particulate matter (PM2.5) and identify its chemical components (such as sulfates, nitrates, organic carbon, and metals). These samplers are more than 15 years old and replacing these units with newer flow-controlled units will improve the accuracy and completeness needed to continue meeting U.S. EPA PM2.5 Chemical Speciation Network (CSN)

program requirements. The estimated cost for up to two Met One Speciated PM2.5 SASS samplers is \$55,000 (Table 1). The purchase will be made through a sole source purchase process.

Sole Source Justification

Section VIII.B.3 of the 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, this request for sole source award is made under provision VIII.B.3.a: The item is available only from a single source. 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 PM2.5 Purchases for FY 2025-26 and/or FY 2026-27**

Description	Qty	Estimated Amount	Contracting Method
Ebac DD900 Desiccant Dehumidifier	1	\$20,000	Solicitation Process
Met One Speciated PM2.5 SASS Samplers	Up to 2	\$55,000	Sole Source
Total		\$75,000	

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

Attachment

1. Proposed PM2.5 Expenditures for FY 2025-26 and/or FY 2026-27

Attachment 1
Proposed PM2.5 Expenditures for FY 2025-26 and/or FY 2026-27

Account Description	Account Number	Program Code	Estimated Expenditures ^{1,2}
Services & Supplies Major Object:			
Rents and Leases Structure	67350	47500	\$5,000
Maintenance of Equipment	67600	47500	\$60,000
Building Maintenance Operation	67650	47500	\$10,000
Travel - Training	67800	47500	\$6,000
Laboratory Supplies	68050	47500	\$40,000
Office Expense	68100	47500	\$5,950
Small Tools, Instruments, Equipment	68300	47500	\$20,000
Total Services & Supplies Major Object:			\$146,950
Capital Outlay Major Object:			
Ebac DD900 Desiccant Dehumidifier	77000	47500	\$20,000
Met One Speciated PM2.5 SASS Samplers	77000	47500	\$55,000
Total Capital Outlay Major Object:	77000	47500	\$75,000
Total Appropriations			\$221,950

Note: Salaries and Benefits are already included in the FY 2025-26 and FY 2026-27 Budgets.

¹Funds not expended by June 30, 2026, will be carried over to FY 2026-27.

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