

BOARD MEETING DATE: April 5, 2024

AGENDA NO. 8

**PROPOSAL:** Recognize Revenue and Appropriate Funds for PM2.5 Air Monitoring Program and Issue Purchase Order for Air Monitoring Equipment

**SYNOPSIS:** South Coast AQMD is expected to receive Federal grant funds up to \$760,000 from U.S. EPA for the PM2.5 Air Monitoring Program. This action is to recognize revenue and appropriate funds for the PM2.5 Monitoring Program and issue a purchase order for air monitoring equipment.

**COMMITTEE:** Administrative, March 8, 2024; Recommended for Approval

**RECOMMENDED ACTIONS:**

1. Recognize revenue in the General Fund up to \$760,000 and appropriate up to \$280,000 from the Undesignated (Unassigned) fund balance upon receipt into the Monitoring & Analysis (MAD) FYs 2024-25 and/or 2025-26 Budgets, Services & Supplies and/or Capital Outlays Major Objects, 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 a sole source purchase order for four Met One Speciated PM2.5 Samplers as listed in Table 1.

Wayne Natri  
Executive Officer

JCL:AP:RMB:ld:ir:ev

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**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 PM2.5 monitors under U.S. EPA funding and 20 Federal Equivalent Method PM2.5 continuous monitors. In addition, U.S. EPA has supported the expansion of the network to collect PM2.5 mass and chemical speciation 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 U.S. EPA for the annually funded PM2.5 Program. Revenue for this

grant in the amount of \$480,000 for Salaries and Benefits has already been included in the budget.

**Proposal**

U.S. EPA is expected to provide Section 103 Grant funding in an amount up to \$760,000 for the continuation of the PM2.5 Program through March 31, 2025. This action is to recognize revenue up to \$280,000 into the FYs 2024-25 and/or FY 2025-26 Budgets, and appropriate up to \$280,000 into MAD’s FYs 2024-25 and/or 2025-26 Budgets, Services & Supplies and/or Capital Outlays major Objects as set forth in Attachment 1.

*Met One Speciated PM2.5 Samplers*

The current Met One Speciated PM2.5 Samplers are greater than 15 years old. Replacing these units with newer flow-controlled units will improve accuracy and completeness needed to continue meeting U.S. EPA PM2.5 Chemical Speciation Network (CSN) program requirements. The estimated cost of the Met One Speciated PM2.5 samplers is \$80,000 (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, 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 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 Purchase through Sole Source Purchase Order**

Description	Qty	Funding Source	Estimated Amount
Met One Speciated PM2.5 Samplers	4	PM2.5 FY 2024-25 and/or 2025-26	\$80,000
<b>Total</b>			<b>\$80,000</b>

**Attachment**

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

## ATTACHMENT 1

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

Account Description	Account Number	Program Code	Estimated Expenditures*
<b>Services &amp; Supplies Major Object:</b>			
Rents & Leases Structure	67300	47500	\$8,000
Maintenance of Equipment	67600	47500	80,000
Building Maintenance Operation	67650	47500	1,000
Travel - Training	67800	47500	5,000
Laboratory Supplies	68050	47500	81,500
Office Expense	68100	47500	2,500
Small Tools, Instruments, Equipment	68300	47500	22,000
<b>Total Services &amp; Supplies Major Object:</b>			<b>\$200,000</b>
<b>Capital Outlay Major Object:</b>			
Met One Speciated PM2.5 Samplers	77000	47500	\$80,000
<b>Total Capital Outlay Major Object:</b>			<b>\$80,000</b>
<b>Total Appropriations</b>			<b>\$280,000</b>

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

\*Funds not expended by June 30, 2024, will be carried over to FY 2025-26