

Ambient Air Monitoring Shelters

FY2024 Request: \$100,000

Reference No: 64698

AP/AL: Appropriation

Project Type: Equipment / Commodities

Category: Health/Human Services

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Jason Olds

Estimated Project Dates: 07/01/2023 - 06/30/2028

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Brief Summary and Statement of Need:

The Department of Environmental Conservation (DEC) will replace five small commercial air monitoring shelters for the regulatory network of continuous particulate matter (PM) analyzers and the replacement of sensor pods and pod components used in the state’s low-cost non-regulatory community-based monitoring network.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1004 Gen Fund	\$100,000						\$100,000
Total:	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Project Description/Justification:

The DEC is responsible for statewide ambient air quality monitoring to ensure that air meets national public health and welfare standards as part of the State’s Primacy in Air Quality under the Clean Air Act of 1970. The state is required to regulate emission of pollutants that “endanger public health and welfare.” State air monitoring stations provide data that guide all regulatory processes. Further, these regulatory stations are essential for the assessment of public health risks from air pollutants, which allow the state to comply with federal standards.

To compliment these efforts, deferred maintenance funding will be used for the replacement of sensor components used in low-cost non-regulatory sensor pods in rural Alaska which help monitor health impacts in remote communities and villages. Low-cost sensor pods, while not providing regulatory grade data, allow the state to identify potential health impacts to residents in rural Alaska on a short- and long-term basis without the high cost and burdens of regulatory monitoring.