

Air Quality Mobile Source Modeling

FY2024 Request: \$181,940

Reference No: AMD 63725

AP/AL: Allocation

Category: Transportation

Location: Statewide

Impact House District: Statewide (HD 1 - 40)

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

Appropriation: Surface Transportation Program

Project Type: Research / Studies / Planning

Recipient: NA

House District: Statewide (HD 1 - 40)

Contact: Dom Pannone

Contact Phone: (907)465-2956

Brief Summary and Statement of Need:

Continue development and enhancement of the statewide framework for Motor Vehicle Emission Simulator (MOVES) modeling in Alaska to ensure consistent development, application, and approval of modeling workflows (e.g., input data collection and processing, model setup and execution requirements, post-processing of outputs, etc.) in all regional mobile source inventory applications envisioned within the state.

Funding:	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>FY2029</u>	<u>Total</u>
1002 Fed Rcpts	\$181,940						\$181,940
Total:	\$181,940	\$0	\$0	\$0	\$0	\$0	\$181,940

<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 checked="" 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:

Sec11 Ch11 SLA2022 P100 L26 HB281 \$181,940

Sec8 Ch1 SLA2021 P94 L19 HB69 \$181,940

STIP Need ID: 26168

Project Description/Justification:

Continue development and enhancement of the statewide framework for Motor Vehicle Emission Simulator (MOVES) modeling in Alaska to ensure consistent development, application, and approval of modeling workflows (e.g., input data collection and processing, model setup and execution requirements, post-processing of outputs, etc.) in all regional mobile source inventory applications envisioned within the state. These regional applications include State Implementation Plans (SIP) emissions/emission budgets and transportation conformity emission inventories, National Emission Inventory (NEI) submittals to the Environmental Protection Agency (EPA) that consist of both planning and episodic modeling inventories throughout the state. Continue the support of the EPA requirement to use MOVES for local communities and state.