

Statewide PFAS: Fleetwide Foam Replacement

FY2025 Request: \$2,533,300

Reference No: 65234

AP/AL: Appropriation

Project Type: Renewal and Replacement

Category: Transportation

Location: Statewide

House District: Statewide (HD 1 - 40)

Impact House District: Statewide (HD 1 - 40)

Contact: Dom Pannone

Estimated Project Dates: 07/01/2024 - 06/30/2029

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Brief Summary and Statement of Need:

The Department of Transportation & Public Facilities (DOT&PF) is seeking funding to cover Per- and Polyfluoroalkyl Substances (PFAS) related costs that are federally ineligible and to transition Aircraft Rescue and Fire Fighting (ARFF) vehicles from Aqueous Film Forming Foam (AFFF) to Fluorine-Free Foam (F3).

Funding:	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
1004 Gen Fund	\$2,533,300	\$2,533,300	\$2,533,300				\$7,599,900
Total:	\$2,533,300	\$2,533,300	\$2,533,300	\$0	\$0	\$0	\$7,599,900

<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:

Per- and Polyfluoroalkyl Substances (PFAS) contamination originating from Aqueous Film Forming Foam (AFFF) can lead to PFAS contaminated soil and groundwater, which can migrate offsite and contaminate downstream drinking water wells.

Project Description/Justification:

PFAS are contaminants of concern in Alaska and across the nation. PFAS contamination originating from the use of AFFF can lead to contaminated soil and groundwater migrating offsite and contaminating downstream drinking water wells. There are many health effects linked to PFAS exposure and the Center of Disease Control is treating PFAS contamination as a public health concern. The Department of Environmental Conservation issued a technical memo in August 2018 setting action levels for six PFAS compounds and determined that they are hazardous substances under State law. The Environmental Protection Agency (EPA) has issued a health advisory for drinking water contamination.

Due to the historical use of AFFF for firefighting and firefighting training, impacted public drinking water sources and private wells is widespread and have already been discovered in all areas of Alaska. Funding is required to take steps in protecting the health of Alaskans while also taking the necessary actions to convert airports to the new foam, including foam disposal and replacement, and ARFF vehicle decontamination and/or replacement.

In total, the department anticipates needing \$7.6 million to address issues surrounding PFAS, which will be phased over three years:

- \$3.5 million – transition 25 airports from AFFF to fluorine-free foam (F3) and train approximately 252 firefighters on F3 agent.
- \$4.1 million – Aircraft Rescue and Firefighting (ARFF) vehicle cleaning/decontamination on 54 ARFF vehicles.

For more information, please visit DOT&PF's Alaska PFAS Information website:
<https://dot.alaska.gov/airportwater/>