



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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**STATE ENVIRONMENTAL POLICY ACT
DETERMINATION OF NONSIGNIFICANCE**

Date of Issuance: September 1, 2020

Lead agency: Washington State Department of Ecology, Hazardous Waste & Toxics Reduction, Northwest Regional Office, Product Replacement Program

Agency Contact: Sean Smith, Sean.Smith@ecy.wa.gov, (425) 649-4495

Permit Number: N/A

Description of proposal:

This SEPA considers the environmental impacts of the collection of Per- and polyfluoroalkyl substance (PFAS) containing firefighting foam, its transport and disposal. The Washington State Department of Ecology's (Ecology's) chosen disposal method is to incinerate the foam. To reach this decision, Ecology conducted a review of the relevant literature and consulted with appropriate government agencies, universities, consumer groups, and businesses.

Ecology will employ the state hazardous waste contractor to collect, transport, and incinerate the foam at RCRA permitted commercial hazardous waste incinerator. Waste products from the incineration process will be sent to a RCRA Part B Hazardous Waste landfill.

Location of proposal: Statewide and Utah

Applicant/Proponent:

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Ecology has determined that this proposal will not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). We have reviewed the attached Environmental Checklist and reviewed the relevant research and literature. Additional information on the proposal can be found here:

DETERMINATION OF NONSIGNIFICANCE

September 1, 2020

Page 2

This determination is based on the following findings and conclusions:

Ecology has made a determination of non-significance for this project. Ecology is requiring that the collected foam be sent to Clean Harbor's RCRA incinerator in Aragonite Utah. The incinerator is remote, located 2.5 miles south of Interstate 80. The nearest residential area is Grantsville, about 34 miles from Aragonite. The nearest single dwelling is at Delle, approximately 16 miles to the east of Aragonite. The site is arid to semi-arid with an annual precipitation of 6 to 12 inches.

Ecology is requiring Clean Harbors to expose the PFAS foam to temperatures in excess of 1000°C withhold times of two seconds or more. The combustion process' waste products including residual ash will be collected and sent to the Grassy Mountain RCRA hazardous waste landfill. Leachate from this landfill is collected and sent to the Aragonite facility for incineration.

These conditions insure a maximizing of the destruction of the foam's PFAS molecules, minimizing the impact upon the environment, wildlife, and the public including disadvantaged communities.

Responsible official:

Raman Iyer
Hazardous Waste & Toxics Reduction Section Manager, Northwest Regional Office
Washington State Department of Ecology
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Signature  _____ Date September 1, 2020

The comment period for this DNS and SEPA Checklist will end on October 1, 2020.