

Palma, Elizabeth

To: Beth W. Palma
Subject: Initial Notification Form for 2021 Prescribed Fire Event in NSAQMD
Attachments: NSAQMD_PM2.5_INSI_2021Rx.docx

From: Vanderspek, Sylvia@ARB <Sylvia.Vanderspek@arb.ca.gov>
Sent: Tuesday, September 19, 2023 9:38 AM
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Benjamin, Michael@ARB <michael.benjamin@arb.ca.gov>; jeremy.avise@arb.ca.gov
Subject: FW: Initial Notification Form for 2021 Prescribed Fire Event in NSAQMD

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Dena,

Attached is the Initial Notification Information (INI) form from Northern Sierra AQMD for a prescribed fire exceptional event that impact the Grass Valley PM2.5 monitor in Nevada County. This document is being submitted per the instructions specified in Exceptional Events Initial Notification Process, EPA Region 9, 2016, and have been submitted via the Exceptional Event Tracking System, EEPID 2468.

If you have any questions, please do not hesitate to contact me.

Sylvia

EE Initial Notification Summary Information

PM_{2.5}

Submitting Agency: **Northern Sierra AQMD**

Agency Contact: **Julie Hunter**

Date Submitted: **September 19, 2023**

Applicable NAAQS: **2012 annual PM_{2.5} NAAQS**

Affected Regulatory Decision¹: **Other/Case-by-case**

Rationale: While this event does not impact a regulatory action and does not affect the reported design value for this area, Northern Sierra AQMD is requesting review of this prescribed fire exceptional event as a national example of such a demonstration, given that no concurred demonstration for a prescribed fire exceptional event is available since the 2016 EER revisions were finalized.

(for classification decisions, specify level of the classification with/without EE concurrence)

Area Name/Designation Status: **Attainment (Nevada County)**

Design Value Period (list three year period): **2020-2022**

(where there are multiple relevant design value periods, summarize separately)

A) Information specific to each flagged site day that may be submitted to EPA in support of the affected regulatory decision listed above

Date of Event	Type of Event (high wind, volcano, wildfires/prescribed fire, other ²)	AQS Flag	Site AQS ID	Site Name	Exceedance Concentration (with units)	Notes (e.g. event name, links to other events)
April 20, 2021	Prescribed Fire	IM	06-057-0005	Grass Valley-Litton Building	15.8 µg/m ³	Deadwood Project prescribed fires

B) Violating Sites Information

(listing of all violating sites³ in the planning area, regardless of operating agency, and regardless of whether or not they are affected by EEs)

Site (AQS ID)	Design Value (<u>without</u> EPA concurrence on all events listed in table A above)	Design Value (<u>with</u> EPA concurrence on all events listed in table A above)
Grass Valley-Litton Building (06-057-0005)*	9.6 µg/m ³	9.6 µg/m ³

*Note: the design value is not violating, but see justification above regarding regulatory significance.

¹ designation, classification, attainment determination, attainment date extension, or finding of SIP inadequacy leading to SIP call

² Provide additional information for types of event described as "other"

³ Note if violating monitor is a near-road monitor

C-1) Summary of Maximum Design Value (DV) Site Information (Effect of EPA Concurrence on Maximum Design Value Site Determination) - 2022

(Two highest values from Table B)

Maximum DV site (AQS ID) without EPA concurrence on any of the events listed in table A above	Design Value 9.6 $\mu\text{g}/\text{m}^3$ (invalid)	Design Value Site Grass Valley-Litton Building (06-057-0005)	Comment
Maximum DV site (AQS ID) with EPA concurrence on all events listed in table A above	Design Value 9.6 $\mu\text{g}/\text{m}^3$ (invalid)	Design Value Site Grass Valley-Litton Building (06-057-0005)	Comment

D) List of any sites (AQS ID) within planning area with invalid design values (e.g. due to data incompleteness)

Truckee-Fire Station (06-057-1001) has an invalid 2022 design value of 8.5 $\mu\text{g}/\text{m}^3$.