

APPENDIX D

INITIAL NOTIFICATION AND DATA FLAGGING

EXCEPTIONAL EVENTS DEMONSTATION FOR 2022 PM_{2.5}
EXCEEDANCES AT ATASCOSA, HIDALGO, NUECES, TARRANT,
AND WEBB COUNTIES

AUGUST 5, 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
P.O. BOX 13087
AUSTIN, TEXAS 78711-3087

APPENDIX D: INITIAL NOTIFICATION AND DATA FLAGGING

A copy of the initial notification letter sent to EPA Region 6 is provided on the following pages.

Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 8, 2025

Jeff Robinson
Branch Chief, Air Permitting, Monitoring, and Grants
U.S. Environmental Protection Agency - Region 6
1201 Elm Street, Suite 500 (MC 6ARP)
Dallas, TX 75270

Subject: Initial Notification of Potential Exceptional Events

Dear Mr. Robinson:

This letter serves as formal notification that the Texas Commission on Environmental Quality (TCEQ) will develop and submit a demonstration to exclude 2022 particulate matter of 2.5 micrometers or less in aerodynamic diameter (PM_{2.5}) air monitoring data influenced by exceptional events pursuant to 40 CFR Parts 50 and 51. This demonstration will address the following exceptional events for PM_{2.5} (parameter 88101):

Date	Monitor	Type of Event	AQS Flag	Exceedance Concentration	Tier
May 8, 2022	480131090	Fire - Mexico/Central America	rg	29.2 µg/m ³	2
May 20, 2022	480131090	Fire - Mexico/Central America	rg	30.0 µg/m ³	2
May 21, 2022	480131090	Fire - Mexico/Central America	rg	27.4 µg/m ³	2
June 13, 2022	480131090	African Dust	ra	36.5 µg/m ³	1
June 14, 2022	480131090	African Dust	ra	31.6 µg/m ³	2
June 16, 2022	480131090	African Dust	ra	41.3 µg/m ³	1
July 17, 2022	480131090	African Dust	ra	29.6 µg/m ³	2
June 12, 2022	482151046	African Dust	ra	40.6 µg/m ³	1
June 13, 2022	482151046	African Dust	ra	26.5 µg/m ³	2
June 15, 2022	482151046	African Dust	ra	30.9 µg/m ³	1
June 16, 2022	482151046	African Dust	ra	40.5 µg/m ³	1
June 17, 2022	482151046	African Dust	ra	23.6 µg/m ³	2
July 16, 2022	482151046	African Dust	ra	26.5 µg/m ³	2
July 17, 2022	482151046	African Dust	ra	28.7 µg/m ³	2

Date	Monitor	Type of Event	AQS Flag	Exceedance Concentration	Tier
June 12, 2022	483550034	African Dust	ra	34.9 µg/m ³	1
June 16, 2022	483550034	African Dust	ra	36.0 µg/m ³	1
May 9, 2022	484391006	Fire - Mexico/Central America	rg	27.2 µg/m ³	1
May 20, 2022	484391006	Fire - Mexico/Central America	rg	26.9 µg/m ³	1
June 13, 2022	484391006	African Dust	ra	33.4 µg/m ³	1
June 14, 2022	484391006	African Dust	ra	34.2 µg/m ³	1
June 16, 2022	484391006	African Dust	ra	36.2 µg/m ³	1
June 17, 2022	48439100	African Dust	ra	33.6 µg/m ³	1
July 17, 2022	484391006	African Dust	ra	27.9 µg/m ³	1
July 18, 2022	484391006	African Dust	ra	29.2 µg/m ³	1
October 3, 2022	484391006	Prescribed Fire	rm	30.0 µg/m ³	1
May 5, 2022	484790313	Fire - Mexico/Central America	rg	29.0 µg/m ³	2
May 8, 2022	484790313	Fire - Mexico/Central America	rg	32.5 µg/m ³	1
May 9, 2022	484790313	Fire - Mexico/Central America	rg	29.3 µg/m ³	2
May 20, 2022	484790313	Fire - Mexico/Central America	rg	30.4 µg/m ³	2
May 21, 2022	484790313	Fire - Mexico/Central America	rg	30.7 µg/m ³	2
June 13, 2022	484790313	African Dust	ra	28.8 µg/m ³	2
June 16, 2022	484790313	African Dust	ra	40.6 µg/m ³	1
July 16, 2022	484790313	African Dust	ra	30.0 µg/m ³	2
July 17, 2022	484790313	African Dust	ra	31.2 µg/m ³	1

The data requested for exclusion have regulatory significance and affect the regulatory determinations concerning Atascosa, Hidalgo, Nueces, Tarrant, and Webb Counties. TCEQ looks forward to working with EPA Region 6 on the demonstration.

If you need any additional information, please contact Shantha Daniel at shantha.daniel@tceq.texas.gov.

Sincerely,



Walker Williamson for Donna F. Huff, Deputy Director
Air Quality Division

Cc: Joshua Madden, U.S. Environmental Protection Agency - Region 6