

APPENDIX D

INITIAL NOTIFICATION AND DATA FLAGGING

**EXCEPTIONAL EVENTS DEMONSTATION FOR 2024 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 2024 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
April 1, 2024	480131090	Fire - Mexico/Central America	rg	32.1 µg/m ³	2
April 26, 2024	480131090	Fire - Mexico/Central America	rg	27.5 µg/m ³	2
April 27, 2024	480131090	Fire - Mexico/Central America	rg	28.2 µg/m ³	2
May 8, 2024	480131090	Fire - Mexico/Central America	rg	41.6 µg/m ³	1
May 9, 2024	480131090	Fire - Mexico/Central America	rg	35.8 µg/m ³	1
May 19, 2024	480131090	Fire - Mexico/Central America	rg	29.0 µg/m ³	2
May 21, 2024	480131090	Fire - Mexico/Central America	rg	33.4 µg/m ³	2
May 22, 2024	480131090	Fire - Mexico/Central America	rg	35.5 µg/m ³	1
May 23, 2024	480131090	Fire - Mexico/Central America	rg	30.6 µg/m ³	2
May 24, 2024	480131090	Fire - Mexico/Central America	rg	39.6 µg/m ³	1
May 25, 2024	480131090	Fire - Mexico/Central America	rg	35.5 µg/m ³	1
May 26, 2024	480131090	Fire - Mexico/Central America	rg	37.9 µg/m ³	1
May 27, 2024	480131090	Fire - Mexico/Central America	rg	38.1 µg/m ³	1
June 4, 2024	480131090	Fire - Mexico/Central America	rg	34.7 µg/m ³	1

Date	Monitor	Type of Event	AQS Flag	Exceedance Concentration	Tier
July 31, 2024	480131090	African Dust	ra	38.5 µg/m ³	1
February 27, 2024	482151046	Fire - Mexico/Central America	rg	26.3 µg/m ³	2
March 4, 2024	482151046	Fire - Mexico/Central America	rg	25.6 µg/m ³	2
March 5, 2024	482151046	Fire - Mexico/Central America	rg	33.3 µg/m ³	1
March 6, 2024	482151046	Fire - Mexico/Central America	rg	30.4 µg/m ³	1
March 8, 2024	482151046	Fire - Mexico/Central America	rg	28.4 µg/m ³	2
March 14, 2024	482151046	Fire - Mexico/Central America	rg	26.6 µg/m ³	2
March 15, 2024	482151046	Fire - Mexico/Central America	rg	27.8 µg/m ³	2
April 1, 2024	482151046	Fire - Mexico/Central America	rg	31.4 µg/m ³	1
April 8, 2024	482151046	Fire - Mexico/Central America	rg	25.9 µg/m ³	2
April 9, 2024	482151046	Fire - Mexico/Central America	rg	28.6 µg/m ³	2
April 17, 2024	482151046	Fire - Mexico/Central America	rg	25.6 µg/m ³	2
April 26, 2024	482151046	Fire - Mexico/Central America	rg	26.4 µg/m ³	2
April 27, 2024	482151046	Fire - Mexico/Central America	rg	32.6 µg/m ³	1
April 28, 2024	482151046	Fire - Mexico/Central America	rg	28.0 µg/m ³	2
April 29, 2024	482151046	Fire - Mexico/Central America	rg	27.3 µg/m ³	2
May 2, 2024	482151046	Fire - Mexico/Central America	rg	25.6 µg/m ³	2
May 3, 2024	482151046	Fire - Mexico/Central America	rg	28.5 µg/m ³	2
May 7, 2024	482151046	Fire - Mexico/Central America	rg	32.1 µg/m ³	1
May 8, 2024	482151046	Fire - Mexico/Central America	rg	39.5 µg/m ³	1
May 9, 2024	482151046	Fire - Mexico/Central America	rg	38.7 µg/m ³	1
May 10, 2024	482151046	Fire - Mexico/Central America	rg	49.3 µg/m ³	1
May 11, 2024	482151046	Fire - Mexico/Central America	rg	32.5 µg/m ³	1
May 12, 2024	482151046	Fire - Mexico/Central America	rg	26.0 µg/m ³	2
May 13, 2024	482151046	Fire - Mexico/Central America	rg	32.9 µg/m ³	1
May 15, 2024	482151046	Fire - Mexico/Central America	rg	29.6 µg/m ³	1
May 16, 2024	482151046	Fire - Mexico/Central America	rg	46.6 µg/m ³	1
May 18, 2024	482151046	Fire - Mexico/Central America	rg	24.2 µg/m ³	2
May 19, 2024	482151046	Fire - Mexico/Central America	rg	30.5 µg/m ³	1

Date	Monitor	Type of Event	AQS Flag	Exceedance Concentration	Tier
May 20, 2024	482151046	Fire - Mexico/Central America	rg	35.7 µg/m ³	1
May 21, 2024	482151046	Fire - Mexico/Central America	rg	36.2 µg/m ³	1
May 22, 2024	482151046	Fire - Mexico/Central America	rg	30.7 µg/m ³	1
May 23, 2024	482151046	Fire - Mexico/Central America	rg	32.1 µg/m ³	1
May 24, 2024	482151046	Fire - Mexico/Central America	rg	46.9 µg/m ³	1
May 25, 2024	482151046	Fire - Mexico/Central America	rg	38.2 µg/m ³	1
May 26, 2024	482151046	Fire - Mexico/Central America	rg	49.5 µg/m ³	1
May 27, 2024	482151046	Fire - Mexico/Central America	rg	51.6 µg/m ³	1
May 28, 2024	482151046	Fire - Mexico/Central America	rg	30.8 µg/m ³	1
May 30, 2024	482151046	Fire - Mexico/Central America	rg	23.3 µg/m ³	2
May 31, 2024	482151046	Fire - Mexico/Central America	rg	26.0 µg/m ³	2
June 2, 2024	482151046	Fire - Mexico/Central America	rg	23.6 µg/m ³	2
June 3, 2024	482151046	Fire - Mexico/Central America	rg	28.2 µg/m ³	2
June 4, 2024	482151046	Fire - Mexico/Central America	rg	31.2 µg/m ³	1
June 5, 2024	482151046	Fire - Mexico/Central America	rg	49.8 µg/m ³	1
June 6, 2024	482151046	Fire - Mexico/Central America	rg	38.1 µg/m ³	1
July 30, 2024	482151046	African Dust	ra	23.0 µg/m ³	2
July 31, 2024	482151046	African Dust	ra	33.8 µg/m ³	1
May 8, 2024	483550032	Fire - Mexico/Central America	rg	40.6 µg/m ³	1
May 9, 2024	483550032	Fire - Mexico/Central America	rg	45.8 µg/m ³	1
May 27, 2024	483550032	Fire - Mexico/Central America	rg	45.0 µg/m ³	1
June 5, 2024	483550032	High Winds	rj	37.4 µg/m ³	1
May 8, 2024	483550034	Fire - Mexico/Central America	rg	46.4 µg/m ³	1
May 9, 2024	483550034	Fire - Mexico/Central America	rg	54.9 µg/m ³	1
May 10, 2024	483550034	Fire - Mexico/Central America	rg	38.2 µg/m ³	1
May 12, 2024	483550034	Fire - Mexico/Central America	rg	36.0 µg/m ³	1
May 16, 2024	483550034	Fire - Mexico/Central America	rg	39.4 µg/m ³	1
May 19, 2024	483550034	Fire - Mexico/Central America	rg	35.9 µg/m ³	1
May 21, 2024	483550034	Fire - Mexico/Central America	rg	41.1 µg/m ³	1

Date	Monitor	Type of Event	AQS Flag	Exceedance Concentration	Tier
May 23, 2024	483550034	Fire - Mexico/Central America	rg	35.2 µg/m ³	1
May 24, 2024	483550034	Fire - Mexico/Central America	rg	37.4 µg/m ³	1
May 25, 2024	483550034	Fire - Mexico/Central America	rg	39.6 µg/m ³	1
May 26, 2024	483550034	Fire - Mexico/Central America	rg	46.9 µg/m ³	1
May 27, 2024	483550034	Fire - Mexico/Central America	rg	58.8 µg/m ³	1
June 4, 2024	483550034	Fire - Mexico/Central America	rg	37.8 µg/m ³	1
June 5, 2024	483550034	High Winds	rj	50.5 µg/m ³	1
July 31, 2024	483550034	African Dust	ra	42.8 µg/m ³	1
May 22, 2024	484391002	Fire - Mexico/Central America	rg	32.5 µg/m ³	1
August 1, 2024	484391002	African Dust	ra	32.6 µg/m ³	1
October 3, 2024	484391002	Wildfire U.S.	rt	34.8 µg/m ³	1
May 21, 2024	484391006	Fire - Mexico/Central America	rg	26.3 µg/m ³	1
May 24, 2024	484391006	Fire - Mexico/Central America	rg	24.7 µg/m ³	1
May 25, 2024	484391006	Fire - Mexico/Central America	rg	27.2 µg/m ³	1
May 27, 2024	484391006	Fire - Mexico/Central America	rg	25.4 µg/m ³	1
June 4, 2024	484391006	Fire - Mexico/Central America	rg	24.9 µg/m ³	1
July 31, 2024	484391006	African Dust	ra	31.5 µg/m ³	1
August 1, 2024	484391006	African Dust	ra	33.2 µg/m ³	1
March 15, 2024	484790313	Fire - Mexico/Central America	rg	28.5 µg/m ³	2
April 1, 2024	484790313	Fire - Mexico/Central America	rg	29.1 µg/m ³	2
April 9, 2024	484790313	Fire - Mexico/Central America	rg	28.9 µg/m ³	2
April 27, 2024	484790313	Fire - Mexico/Central America	rg	37.5 µg/m ³	1
May 2, 2024	484790313	Fire - Mexico/Central America	rg	31.9 µg/m ³	1
May 7, 2024	484790313	Fire - Mexico/Central America	rg	29.3 µg/m ³	2
May 8, 2024	484790313	Fire - Mexico/Central America	rg	29.5 µg/m ³	2
May 19, 2024	484790313	Fire - Mexico/Central America	rg	30.5 µg/m ³	2
May 20, 2024	484790313	Fire - Mexico/Central America	rg	34.7 µg/m ³	1
May 21, 2024	484790313	Fire - Mexico/Central America	rg	39.2 µg/m ³	1
May 22, 2024	484790313	Fire - Mexico/Central America	rg	41.9 µg/m ³	1
May 23, 2024	484790313	Fire - Mexico/Central America	rg	39.0 µg/m ³	1

Date	Monitor	Type of Event	AQS Flag	Exceedance Concentration	Tier
May 24, 2024	484790313	Fire - Mexico/Central America	rg	39.1 µg/m ³	1
May 25, 2024	484790313	Fire - Mexico/Central America	rg	42.7 µg/m ³	1
May 26, 2024	484790313	Fire - Mexico/Central America	rg	36.9 µg/m ³	1
May 27, 2024	484790313	High Winds	rj	38.3 µg/m ³	1
May 28, 2024	484790313	Fire - Mexico/Central America	rg	29.1 µg/m ³	2
June 4, 2024	484790313	Fire - Mexico/Central America	rg	35.1 µg/m ³	1
June 5, 2024	484790313	Fire - Mexico/Central America	rg	34.0 µg/m ³	1
June 6, 2024	484790313	Fire - Mexico/Central America	rg	36.9 µg/m ³	1
July 31, 2024	484790313	African Dust	ra	36.3 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