



COLORADO
Department of Public
Health & Environment

Dedicated to protecting and improving the health and environment of the people of Colorado

Richard Payton
8P-AR
US Environmental Protection Agency Region VIII
1595 Wynkoop Street
Denver, CO 80202-1129

Date:

Dear Mr. Payton:

The Colorado Department of Public Health and Environment's, Air Pollution Control Division (APCD) is submitting one network site modification request form for the proposed closure and decommissioning of the Lamar meteorological monitoring site, effective 12/31/2018. The site's common name, AQS ID, and proposed actions are as follows:

Lamar (Prowers County)

AQS ID: 08-099-0003

Address: 7100 U.S. Hwy. 50, Lamar, CO

Closure - Meteorological Special Purpose Monitors

The Lamar site is located on Colorado Department of Transportation property approximately 1.5 miles north northwest of the City of Lamar, along State Highway 50, at lat: 38.113792, lon: -102.626180. This site was originally installed in 2005 to collect meteorological data to support high wind particulate matter event investigations occurring in the surrounding area. Beginning in 2015 the Federal Aviation Administration increased their meteorological monitoring capabilities at the Lamar Airport. The meteorological data now being collected at the airport has been determined to be sufficient for APCD's needs, and because of this, the APCD Lamar meteorological site is no longer necessary. The APCD is proposing to close this site so that these resources can be better used elsewhere. This site will have operated for March 26, 2005 to December 31, 2018.

This letter and associated form has been made available for a 30 day public comment period prior to submittal to the Environmental Protection Agency (EPA). Enclosed is the associated Ambient Air Monitoring Network Modification Request Form. If you have any questions or need further information, you can reach me at (303) 692-3232.

Sincerely,

Gregory Harshfield
Gaseous and Meteorological Monitoring Supervisor

cc: Gordon Pierce

Enclosures:

Attachment 1: Lamar (closure) - Ambient Air Monitoring Network Modification Form



Attachment 1

Lamar (closure) - Ambient Air Monitoring Network Modification Form

EPA REGION 8 AMBIENT AIR MONITORING NETWORK MODIFICATION REQUEST FORM

(VERSION 2, 4/1/04)

DATE: 12/31/2018	CITY: Rural Area (7200 U.S. Hwy 50)	STATE: CO
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AQS SITE ID: 08-099-0003	SITE NAME: Lamar Meteorology
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PROPOSED MODIFICATION/REASON WHY: The Colorado Department of Public Health and Environment is proposing to close and decommission the Lamar meteorological monitoring site effective 12/31/18. This site began operations in March 2005 and has ran continuously to date. The site is being closed because it is no longer necessary due to recent meteorological monitoring advancements at the Lamar Airport.

AIR QUALITY PARAMETER (PM10, SO2, CO, NO2, ETC.)	MONITOR TYPE (NAMS, SLAMS, SPM, TRIBAL, etc.)	CHECK ONE OR MORE OF THE APPLICABLE CATEGORIES BELOW:				LIST SAMPLER EQUIPMENT
		MAX CONC	SOURCE IMPACT	POPULATION EXPOSURE	BACKGROUND	
Met Tower	SPM					Met One

PROPOSED SAMPLING START/END: End Date 12/31/2018

ESTIMATED MEASUREMENTS FOR AIR QUALITY PARAMETERS:

LOCATION (LAT./LONG. OR UTM' S): Lat 38.113792 Long -102.626180

SITE ELEVATION (M. MSL): 1106 Meters PROBE HEIGHT (M. AGL):

DISTANCE TO TREE DRIPLINE (M)	DIRECTION TO TREE	DISTANCE TO OBSTACLE (M)	DIRECTION TO OBSTACLE	OBSTACLE HEIGHT ABOVE PROBE (M)	OBSTACLE COMMENTS
40 m	ESE				
45 m	N				

UNRESTRICTED AIR FLOW: >270 DEG. >180 DEG. <CRITERIA___360_____DEG.

DISTANCE TO FLUES/INCINERATORS (M): Not applicable

DISTANCE TO INTERSECTIONS (M): 470 Meters Hwy 50 and CR 7 DISTANCE FROM SUPPORTING STRUCTURES (M): VERT. ___na___
 _____HORIZ. _____na___

DISTANCE TO EDGE OF NEAREST ROADWAY	NAME OF ROADWAY	DIRECTION	DAILY TRAFFIC ESTIMATES	YEAR OF TRAFFIC ESTIMATES	TYPE OF ROADWAY	COMMENTS
~ 115 Meters	US Highway 40	NORTH	~ 1100	2013	MAJOR ST OR HY	
		EAST				
		SOUTH				
		WEST				

DISTANCE TO NEAREST POINT SOURCES (MILES)	DIRECTION TO POINT SOURCES	DISTANCE TO NEAREST AREA SOURCES (MILES)	DIRECTION TO AREA SOURCES	COMMENTS
Not applicable		Not applicable		

CERTIFICATION: I certify the network modification proposed above meets all 40 CFR 58, Appendix E siting criteria, except as noted with submittal.

Printed Name: Gregory Harshfield

Signature:

FOR EPA USE ONLY: Received Date: _____ Follow-up Actions: _____ Approval Status
Given: _____ Email Response Date: _____ Letter Response Date: _____

FOR METEOROLOGICAL PARAMETERS ONLY:

MONITORING PURPOSE/OBJECTIVES: Support high wind particulate matter event investigations.

PROPOSED MONITORING SCHEDULE/DURATION: Continuous.

PROPOSED START / REMOVAL DATE
OR DATE STARTED / REMOVED: End Date 12/31/2018

DATA ACQUISITION SYSTEM:

PRIMARY	PARAMETERS:	APPLICABLE √ those that apply	SENSOR HT (M)
Run by Air Resource Specialists under state contract	WIND SPEED/DIRECTION	Yes	10
BACKUP None	SOLAR RADIATION	No	
EQUIPMENT MANUFACTURER/MODEL:	RELATIVE HUMIDITY	No	
	PRESSURE	No	
WILL THE DATA BE USED FOR MODELING? YES NO	SIGMA THETA	Yes	10
IS SITE REQUIRED FOR SIP? YES NO	PRECIPITATION	No	
UNRESTRICTED AIRFLOW? YES NO	TEMPERATURE	Yes	5
DISTANCE TO TREE DRIPLINE (M): 40 M ESE	OTHER (DESCRIBE)		
NEARBY TERRAIN: SMOOTH <u>ROLLING</u> ROUGH			

TOPOGRAPHIC FEATURES (E.G HILLS, MOUNTAINS, VALLEYS, RIDGES, BODIES OF WATER):

Rolling plains

COMMENTS: This site is located at a CDOT truck weighing and inspection station.

FORM KEY:

PAGE 1:

MONITOR TYPE: NAMS = 1, SLAMS = 2, SPM = 3, TRIBAL = A
SITE ELEVATION = GROUND LEVEL ELEVATION
PROBE HEIGHT (M. AGL) = PROBE HEIGHT METERS ABOVE GROUND LEVEL