



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 is submitting one network site modification request form for the proposed closure and decommissioning of the Elk Springs air monitoring site. The site's common name, AQS ID, and proposed actions are as follows:

Elk Springs (Moffat County)

AQS ID: 08-081-0003

Address: 33902 US Hwy 40, Craig, CO

Closure - Ozone Special Purpose Monitor

Closure - Meteorological Special Purpose Monitors

The Elk Springs site is located on BLM land approximately 3 miles southwest of the community of Elk Springs, along State Highway 40 at lat: 40.329253, lon: -108.494230. This site was originally installed in 2015 in support of the state and federal agencies' Three-State Air Quality Study (3SAQS) Pilot Project to provide ozone and meteorological monitoring in a previously unmonitored area. This site is being closed due to funding limitations and because the original monitoring objective of obtaining 3-years of data from this location have been met. This site will have operated for August 1, 2015 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 Super

cc: Gordon Pierce

Enclosures:

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



Attachment 1

Elk Springs (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 (33902 US Hwy.40)	STATE: CO
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AQS SITE ID: 08-081-0003	SITE NAME: Elk Springs
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PROPOSED MODIFICATION/REASON WHY: The Colorado Department of Public Health and Environment is proposing to close and decommission the Elk Springs air monitoring site effective 12/31/18. This site began operations in August 2018 and has ran continuously to date. The site is being closed due to lack of funding and because it has met its monitoring objectives.

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	
Ozone	SPM				X	API 400E
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 40.329253 Long -108.494230

SITE ELEVATION (M. MSL): 1902 Meters PROBE HEIGHT (M. AGL): 4.5 Meters

DISTANCE TO TREE DRIPLINE (M)	DIRECTION TO TREE	DISTANCE TO OBSTACLE (M)	DIRECTION TO OBSTACLE	OBSTACLE HEIGHT ABOVE PROBE (M)	OBSTACLE COMMENTS
No trees at site					
No obstacles at site.					

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

DISTANCE TO FLUES/INCINERATORS (M): Not applicable

DISTANCE TO INTERSECTIONS (M): 2470 Meters DISTANCE FROM SUPPORTING STRUCTURES (M):
VERT. ___1.5___ HORIZ. ___0___

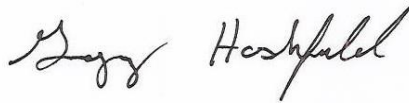
DISTANCE TO EDGE OF NEAREST ROADWAY	NAME OF ROADWAY	DIRECTION	DAILY TRAFFIC ESTIMATES	YEAR OF TRAFFIC ESTIMATES	TYPE OF ROADWAY	COMMENTS
~ 60 Meters	US Highway 40	NORTH	~ 1100	2013	MAJOR ST OR HY	
		EAST				
		SOUTH				
		WEST				

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: Monitor meteorology to assess ozone monitoring results.

PROPOSED MONITORING SCHEDULE/DURATION: Continuous, as long as ozone is run.

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	Yes	2
EQUIPMENT MANUFACTURER/MODEL:	RELATIVE HUMIDITY	Yes	2
	PRESSURE	Yes	
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	2 and 10
DISTANCE TO TREE DRIPLINE (M): No trees in area.	OTHER (DESCRIBE)	Delta Temperature	
NEARBY TERRAIN: SMOOTH <u>ROLLING</u> ROUGH			

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

Rolling terrain with hills.

COMMENTS: Site was run by a contractor for the National Park Service. Current contractor is Air Resource Specialists of Fort Collins, CO.

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