

# STATE OF COLORADO

John W. Hickenlooper, Governor  
Christopher E. Urbina, MD, MPH  
Executive Director and Chief Medical Officer

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

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Colorado Department  
of Public Health  
and Environment

December 1, 2011

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

Dear Adam,

As required, the Colorado Department of Public Health and Environment's (CDPHE) Air Pollution Control Division (APCD) is submitting three network site modification request forms for the proposed discontinuation of the Arvada ozone monitor (meteorology to be retained), Auraria carbon monoxide monitor and Rocky Flats Southeast meteorology monitors. Sites common name and AQS ID are as follows:

- Arvada AQS ID: 08-059-0002  
Ozone SLAMS Monitor Proposed Removal
- Auraria AQS ID: 08-031-0019  
Carbon Monoxide SLAMS Site/Monitor Proposed Removal
- Rocky Flats Southeast AQS ID: 08-059-0008  
Meteorological Special Purpose Monitors Proposed Removal

## **Arvada AQS ID: 08-059-0002**

The last sample to be collected from the Arvada ozone monitor is planned for December 31, 2011 at 23:00 hr, with the monitor removed early January 2012 as weather and time permits. The APCD plans to shut down the Arvada ozone monitor for the following reasons:

- The APCD has and will continue to operate an appropriate air quality monitoring network of State/Local Air Monitoring System monitors (SLAMS) in accordance with 40 CFR Part 58 to verify the attainment of the 8-hour ozone National Ambient Air Quality Standard (NAAQS) and with Colorado's Ozone Maintenance Plan. Annual network plans and 5 year network

assessments of the SLAMS air quality surveillance network is conducted in accordance with 40 CFR Part 58.10 to determine whether the network continues to meet the monitoring objectives presented in Appendix D of 40 CFR Part 58. These reports are made available for public comment and public download on the APCD/Technical Services website at: <http://www.colorado.gov/airquality/tech.aspx> . Findings within these reports indicate that the Arvada ozone monitor is lower in concentration than, and is redundant with the NREL and Rocky Flats North (RFN) monitors and is therefore recommended for removal. The NREL site is located approximately 9.25 km to the southwest and the RFN site is located approximately 14.5 km to the northwest of the Arvada site. The Arvada site is located within the Denver/Front Range non-attainment area and has a current 3-year average of the 4<sup>th</sup> max of 74 ppb (thru 2011), which is slightly below the current 75 ppb standard. There are currently 12 ozone sites in the Denver Metropolitan Ozone Maintenance Plan area, of which three record consistently higher values. It is the Department's position that an evaluation of the 8-hour ozone standard can be adequately performed without the Arvada monitor and because there are no contingencies tied to the Arvada monitor in any of the State's proposed or concurred Ozone State Implementation Plans. Therefore, it is recommended for removal.

- The closure of this monitor is in accordance with EPA's effort to disinvest in redundant sites so that resources can be reallocated to further enhance multi-pollutant sites where applicable and/or further expand the existing network as needed.

#### **Auraria AQS ID: 08-031-0019**

The last sample to be collected from the Auraria carbon monoxide monitor is planned for December 31, 2011 at 23:00 hr, with the monitor removed early January 2012 as weather and time permits. The APCD plans to shut down the Auraria carbon monoxide monitor for the following reasons:

- Since the Denver metropolitan area has been redesignated to attainment status by EPA, the APCD operates and continues to operate an appropriate air quality monitoring network of SLAMS monitors in accordance with 40 CFR Part 58 to verify the continued attainment of the carbon monoxide standard as part of the Denver Maintenance Plan. The APCD operates four carbon monoxide monitors within the Denver maintenance area, two of which are in the downtown area, CAMP and Auraria. Findings from the annual network plan and 5 year network assessment indicate that the Auraria carbon monoxide monitor typically reports lower concentrations than, and is redundant with the CAMP monitor and is therefore recommended for removal. Attachment 1 gives a summary of the annual first max of 1-hour averaged data for all APCD current carbon monoxide sites that have at least one year of quality assured data. While similar, the CAMP monitor typically has max values greater than the Auraria monitor. It is the Department's position that carbon monoxide measurements collected at CAMP and Auraria are similar enough to be considered redundant and compliance with the Carbon Monoxide Maintenance Plan for the Denver Metropolitan Area can be adequately demonstrated in the downtown area by the CAMP monitor alone. Therefore the Auraria carbon monoxide monitor is recommended for removal.
- Carbon Monoxide levels are less than 50% of the NAAQS, and has less than a 10 percent chance of exceeding 80 percent of the applicable NAAQS during the next three years, as listed in 40 CFR 58.14 (c)(1).

- The closure of this monitor is in accordance with EPA's effort to disinvest in redundant sites so that resources can be reallocated to further enhance multi-pollutant sites where applicable and/or further expand the existing network as needed.

**Rocky Flats Southeast AQS ID: 08-059-0008**

The last sample to be collected from the Rocky Flats Southeast meteorological sensors is planned for December 31, 2011 at 23:00 hr, with the shelter, tower and sensors removed early January 2012 as weather and time permits. The APCD plans to shut down the Rocky Flats Southeast meteorological sensors for the following reasons:

- The Rocky Flats Southeast (RFSE) site was initially installed as a perimeter monitoring site for the Rocky Flats facility. At its height, the APCD operated five perimeter monitoring sites around the facility. Three sites were closed in 2005 as remediation efforts wound down. The RFSE remained in operation due to other monitoring needs. With the discontinuation of these other monitoring efforts at the site, the need for meteorological monitoring at two locations around Rocky Flats is no longer needed. Meteorological monitoring at the Rocky Flat North site where an ozone monitor is located will continue.

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  
Continuous Monitoring and Data Systems Support Supervisor

cc: Gordon Pierce

Enclosures:

- Attachment 1: Denver Ozone, 8hr 4<sup>th</sup> Max and 8hr 3 Year Average of 4<sup>th</sup> Max by Year
- Attachment 2: Carbon Monoxide, 1<sup>st</sup> Max by Year
- Attachment 3: Arvada Ozone Ambient Air Monitoring Network Modification Form.
- Attachment 4: Auraria Carbon Monoxide Ambient Air Monitoring Network Modification Form.
- Attachment 5: Rocky Flats Southeast Ambient Air Monitoring Network Modification Form.

**Attachment 1: Denver Ozone, 8hr 4<sup>th</sup> Max and 8hr 3 Year Average of 4<sup>th</sup> Max by Year**

4th Maximum 8-hr. (ppm)												
Year	Denver Metro Area											
	Welby 08-001- 3001	Highland 08-005- 0002	S. Bldr. Ck. 08-013- 0011	Carriage 08-031- 0014	DMAS 08-031- 0025	Chatfield Park 08-035- 0004	Arvada 08-059- 0002	Welch 05-059- 0005	R. Flats-N 08-059- 0006	NREL 08-059- 0011	Aspen Park 08-059- 0013	Aurora East 08-005- 0006
2001	0.064	<b>0.077</b>	0.071	0.072	-	-	0.074	0.064	<b>0.082</b>	<b>0.081</b>	-	-
2002	0.068	<b>0.076</b>	<b>0.078</b>	0.073	-	-	0.073	0.069	<b>0.088</b>	<b>0.081</b>	-	-
2003	0.066	<b>0.091</b>	<b>0.082</b>	<b>0.085</b>	-	-	<b>0.083</b>	<b>0.077</b>	<b>0.091</b>	<b>0.095</b>	-	-
2004	0.066	0.072	0.068	0.066	-	0.075	0.065	0.062	0.073	0.074	-	-
2005	0.073	<b>0.080</b>	<b>0.076</b>	0.074	-	<b>0.084</b>	<b>0.078</b>	0.064	<b>0.077</b>	<b>0.079</b>	-	-
2006	0.069	<b>0.081</b>	<b>0.082</b>	0.072	-	<b>0.086</b>	<b>0.082</b>	<b>0.081</b>	<b>0.090</b>	<b>0.083</b>	-	-
2007	0.070	0.075	<b>0.085</b>	<b>0.076</b>	-	<b>0.082</b>	<b>0.079</b>	<b>0.080</b>	<b>0.090</b>	<b>0.085</b>	-	-
2008	<b>0.076</b>	-	<b>0.076</b>	0.072	0.070	<b>0.080</b>	0.074	0.073	<b>0.079</b>	<b>0.076</b>	-	-
2009	0.072	0.069	0.073	0.063	0.062	0.071	0.070	0.070	<b>0.079</b>	0.068	0.067	0.066
2010	0.063	0.075	0.072	0.069	0.064	<b>0.079</b>	0.075	0.072	<b>0.076</b>	0.074	0.073	0.070
2011	0.075	<b>0.078</b>	<b>0.076</b>	0.075	0.070	<b>0.082</b>	<b>0.079</b>	<b>0.077</b>	<b>0.081</b>	<b>0.083</b>	0.072	<b>0.077</b>

(2011--- APCD thru 9/30)

NOTE: Highland shut down 4/21/08-2/5/09.

3-yr. Average of the 4th Max. 8-hr. (ppm)												
Year	Denver Metro Area											
	Welby 08-001- 3001	Highland 08-005- 0002	S. Bldr. Ck. 08-013- 0011	Carriage 08-031- 0014	DMAS 08-031- 0025	Chatfield Park 08-035- 0004	Arvada 08-059- 0002	Welch 05-059- 0005	R. Flats-N 08-059- 0006	NREL 08-059- 0011	Aspen Park 08-059- 0013	Aurora East 08-005- 0006
2001-2003	0.066	<b>0.081</b>	<b>0.077</b>	<b>0.076</b>	-	-	<b>0.076</b>	0.070	<b>0.087</b>	<b>0.085</b>	-	-
2002-2004	0.066	<b>0.079</b>	<b>0.076</b>	0.074	-	-	0.073	0.069	<b>0.084</b>	<b>0.083</b>	-	-
2003-2005	0.068	<b>0.081</b>	0.075	0.075	-	-	0.075	0.067	<b>0.080</b>	<b>0.082</b>	-	-
2004-2006	0.069	<b>0.077</b>	0.075	0.070	-	<b>0.081</b>	0.075	0.069	<b>0.080</b>	<b>0.078</b>	-	-
2005-2007	0.070	<b>0.078</b>	<b>0.081</b>	0.074	-	<b>0.084</b>	<b>0.079</b>	0.075	<b>0.085</b>	<b>0.082</b>	-	-
2006-2008	0.071	-	<b>0.081</b>	0.073	-	<b>0.082</b>	<b>0.078</b>	<b>0.078</b>	<b>0.086</b>	<b>0.081</b>	-	-
2007-2009	0.072	-	<b>0.078</b>	0.070	-	<b>0.077</b>	0.074	0.074	<b>0.082</b>	<b>0.076</b>	-	-
2008-2010	0.070	-	0.073	0.068	0.065	<b>0.076</b>	0.073	0.071	<b>0.078</b>	0.072	-	-
2009-2011	0.070	0.074	0.073	0.069	0.065	<b>0.077</b>	0.074	0.073	<b>0.078</b>	0.075	0.070	0.071

(2011--- APCD thru 9/30)

**NOTE: The 4th decimal place has been truncated. (The third decimal place needs to be rounded to get to 2 decimal places to compare to former standard.)**

NOTE: Highland shut down 4/21/08-2/5/09.

## Attachment 2 – Carbon Monoxide, 1<sup>st</sup> Max by Year

Carbon Monoxide - 1st Max of 1 Hour Averages								
	Highway 24	DMAS	Auraria	CAMP	Welby	Longmont	Greeley Annex	Fort Collins - CSU
	08-041-0015	08-031-0025	08-031-0019	08-031-0002	08-001-3001	08-013-0009	08-123-0010	08-069-1004
<b>2001</b>	9.5	-	7.8	14.4	6.1	8.7	-	7.2
<b>2002</b>	10.4	-	8.5	7.4	4.8	4.8	-	6.7
<b>2003</b>	9.2	-	7.8	15	5.4	5.1	6.2	4.4
<b>2004</b>	8.4	-	5.9	8.7	4.2	5.3	7	5.6
<b>2005</b>	5.9	-	5.6	4.6	3.4	5	4.8	8.1
<b>2006</b>	4.3	-	9.3	6.4	3.8	3.9	6.4	4.4
<b>2007</b>	4.6	-	4.2	6	3.1	3.8	4	3.8
<b>2008</b>	4	-	4.8	7.1	4.1	4.2	5	5.1
<b>2009</b>	3.8	-	3.6	6.9	2.8	3.5	4.3	3.5
<b>2010</b>	4.6	Insufficient Data	3.4	4.3	2.3	4.5	4.2	2.9

Note: Highlighted site are within the Denver Metro Carbon Monoxide Maintenance Plan area.

**Attachment 3**

<b>Attachment 2</b> <b>EPA REGION 8 AMBIENT AIR MONITORING NETWORK MODIFICATION REQUEST FORM</b> (VERSION 2, 4/1/04)						
DATE: 12/1/2011		CITY: Arvada			STATE: Colorado	
AQS SITE ID: 08-059-0002			SITE NAME: Arvada			
PROPOSED MODIFICATION/REASON WHY: Removal: Site is lower in concentration than the nearby NREL and Rocky Flats North monitors and can be considered redundant. The Department believes the 8-hour ozone standard can be adequately evaluated without the Arvada monitor and because there are no contingencies tied to the Arvada monitor in any of the State's proposed or concurred Ozone State Implementation Plans it is recommended for removal.						
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	
O3	SLAMS			X		TAPL 400E
PROPOSED SAMPLING START / REMOVAL DATE OR DATE STARTED / REMOVED: REMOVAL- 12/31/11 @ 23:00 hr						
<b>ESTIMATED MEASUREMENTS FOR AIR QUALITY PARAMETERS:</b>						
LOCATION (LAT./LONG. OR UTM' S):						
SITE ELEVATION (M. MSL):				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	
UNRESTRICTED AIR FLOW: >270 DEG. >180 DEG. <CRITERIA_____DEG.						
DISTANCE TO FLUES/INCINERATORS (M):						
DISTANCE TO INTERSECTIONS (M):			DISTANCE FROM SUPPORTING STRUCTURES (M): VERT._____HORIZ._____			
DISTANCE TO EDGE OF NEAREST ROADWAY	NAME OF ROADWAY	DIRECTION	DAILY TRAFFIC ESTIMATES	YEAR OF TRAFFIC ESTIMATES	TYPE OF ROADWAY	COMMENTS
		NORTH				
		EAST				
		SOUTH				
		WEST				
DISTANCE TO NEAREST POINT SOURCES (MILES)	DIRECTION TO POINT SOURCES	DISTANCE TO NEAREST AREA SOURCES (MILES)		DIRECTION TO AREA SOURCES	COMMENTS	
<b>CERTIFICATION: I certify the network modification proposed above meets all 40 CFR 58, Appendix E siting criteria, except as noted with submittal.</b>						

Printed Name: \_\_\_\_\_ 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: Meteorological monitoring is to be retained for legacy particulate monitoring.

PROPOSED MONITORING SCHEDULE/DURATION:

PROPOSED START / REMOVAL DATE  
OR DATE STARTED / REMOVED:

DATA ACQUISITION SYSTEM:			
PRIMARY	PARAMETERS:	APPLICABLE √ those that apply	SENSOR HT (M)
BACKUP	WIND SPEED/DIRECTION		
EQUIPMENT MANUFACTURER/MODEL:	SOLAR RADIATION		
	RELATIVE HUMIDITY		
WILL THE DATA BE USED FOR MODELING? YES NO	PRESSURE		
IS SITE REQUIRED FOR SIP? YES NO	SIGMA THETA		
UNRESTRICTED AIRFLOW? YES NO	PRECIPITATION		
DISTANCE TO TREE DRIPLINE (M):	TEMPERATURE		
NEARBY TERRAIN: SMOOTH ROLLING ROUGH	OTHER (DESCRIBE)		

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

COMMENTS:

**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

**Attachment 4**

EPA REGION 8 AMBIENT AIR MONITORING NETWORK MODIFICATION REQUEST FORM (VERSION 2, 4/1/04)						
DATE: 12/1/2011		CITY: Denver			STATE: Colorado	
AQS SITE ID: 08-031-0019			SITE NAME: Auraria Fire Station			
PROPOSED MODIFICATION/REASON WHY: Removal: Site is lower in concentration than the nearby CAMP monitor and can be considered redundant. The Department believes the Carbon Monoxide Maintenance Plan for the Denver Metropolitan Area can be adequately supported without the Auraria monitor and because there are no contingencies tied to the Auraria monitor in the Carbon Monoxide Maintenance Plan for the Denver Metropolitan Area it is recommended for removal.						
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	
CO	SLAMS	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		Thermo 48C
PROPOSED SAMPLING START / REMOVAL DATE OR DATE STARTED / REMOVED: REMOVAL- 12/31/11 @ 23:00 hr						
<b>ESTIMATED MEASUREMENTS FOR AIR QUALITY PARAMETERS:</b>						
LOCATION (LAT./LONG. OR UTM' S):						
SITE ELEVATION (M. MSL):				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	
UNRESTRICTED AIR FLOW: >270 DEG. >180 DEG. <CRITERIA_____DEG.						
DISTANCE TO FLUES/INCINERATORS (M):						
DISTANCE TO INTERSECTIONS (M):			DISTANCE FROM SUPPORTING STRUCTURES (M): VERT._____HORIZ._____			
DISTANCE TO EDGE OF NEAREST ROADWAY	NAME OF ROADWAY	DIRECTION	DAILY TRAFFIC ESTIMATES	YEAR OF TRAFFIC ESTIMATES	TYPE OF ROADWAY	COMMENTS
		NORTH				
		EAST				
		SOUTH				
		WEST				
DISTANCE TO NEAREST POINT SOURCES (MILES)	DIRECTION TO POINT SOURCES	DISTANCE TO NEAREST AREA SOURCES (MILES)		DIRECTION TO AREA SOURCES	COMMENTS	
<b>CERTIFICATION:</b> I certify the network modification proposed above meets all 40 CFR 58, Appendix E siting criteria, except as noted with submittal.						

Printed Name: \_\_\_\_\_ 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:

PROPOSED MONITORING SCHEDULE/DURATION:

PROPOSED START / REMOVAL DATE  
OR DATE STARTED / REMOVED:

DATA ACQUISITION SYSTEM:			
PRIMARY	PARAMETERS:	APPLICABLE √ those that apply	SENSOR HT (M)
BACKUP	WIND SPEED/DIRECTION		
EQUIPMENT MANUFACTURER/MODEL:	SOLAR RADIATION		
	RELATIVE HUMIDITY		
WILL THE DATA BE USED FOR MODELING?    YES    NO	PRESSURE		
IS SITE REQUIRED FOR SIP?    YES    NO	SIGMA THETA		
UNRESTRICTED AIRFLOW?    YES    NO	PRECIPITATION		
DISTANCE TO TREE DRIPLINE (M):	TEMPERATURE		
NEARBY TERRAIN:    SMOOTH    ROLLING    ROUGH	OTHER (DESCRIBE)		

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

COMMENTS:

**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

**Attachment 5**

EPA REGION 8 AMBIENT AIR MONITORING NETWORK MODIFICATION REQUEST FORM (VERSION 2, 4/1/04)						
DATE: 12/1/2011		CITY: Unincorporated Jefferson County			STATE: Colorado	
AQS SITE ID: 08-059-0008			SITE NAME: Rocky Flats Southeast			
PROPOSED MODIFICATION/REASON WHY: - Removal - See Meteorological Section						
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	
PROPOSED SAMPLING START / REMOVAL DATE OR DATE STARTED / REMOVED:						
<b>ESTIMATED MEASUREMENTS FOR AIR QUALITY PARAMETERS:</b>						
LOCATION (LAT./LONG. OR UTM' S):						
SITE ELEVATION (M. MSL):				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	
UNRESTRICTED AIR FLOW: >270 DEG. >180 DEG. <CRITERIA _____ DEG.						
DISTANCE TO FLUES/INCINERATORS (M):						
DISTANCE TO INTERSECTIONS (M):			DISTANCE FROM SUPPORTING STRUCTURES (M): VERT. _____ HORIZ. _____			
DISTANCE TO EDGE OF NEAREST ROADWAY	NAME OF ROADWAY	DIRECTION	DAILY TRAFFIC ESTIMATES	YEAR OF TRAFFIC ESTIMATES	TYPE OF ROADWAY	COMMENTS
		NORTH				
		EAST				
		SOUTH				
		WEST				
DISTANCE TO NEAREST POINT SOURCES (MILES)	DIRECTION TO POINT SOURCES	DISTANCE TO NEAREST AREA SOURCES (MILES)		DIRECTION TO AREA SOURCES	COMMENTS	
CERTIFICATION: I certify the network modification proposed above meets all 40 CFR 58, Appendix E siting criteria, except as noted with submittal.						
Printed Name: _____ Signature: _____						

**FOR METEOROLOGICAL PARAMETERS ONLY:**

- MONITORING PURPOSE/OBJECTIVES: Removal: The Rocky Flats Southeast (RFSE) site was initially installed as a perimeter monitoring site for the Rocky Flats facility. At its height, the APCD operated five perimeter monitoring sites around the facility. Three sites were closed in 2005 as remediation efforts wound down. The RFSE remained in operation because of other monitoring needs. With the discontinuation of these other monitoring needs at the site, the need for meteorological monitoring at two locations around Rocky Flats is not longer needed. Meteorological monitoring at the Rocky Flat North site will continue.

PROPOSED MONITORING SCHEDULE/DURATION:

PROPOSED START / REMOVAL DATE  
 OR DATE STARTED / REMOVED : REMOVAL- 12/31/11 @ 23:00 hr

DATA ACQUISITION SYSTEM:

PRIMARY	PARAMETERS:	APPLICABLE √ those that apply	SENSOR HT (M)
BACKUP	WIND SPEED/DIRECTION		
EQUIPMENT MANUFACTURER/MODEL:	SOLAR RADIATION		
	RELATIVE HUMIDITY		
WILL THE DATA BE USED FOR MODELING?    YES    NO	PRESSURE		
IS SITE REQUIRED FOR SIP?    YES    NO	SIGMA THETA		
UNRESTRICTED AIRFLOW?    YES    NO	PRECIPITATION		
DISTANCE TO TREE DRIPLINE (M):	TEMPERATURE		
NEARBY TERRAIN:    SMOOTH    ROLLING    ROUGH	OTHER (DESCRIBE)		

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

COMMENTS:

**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