

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 7

11201 Renner Boulevard Lenexa, Kansas 66219

MAY 2 4 2016

OFFICE OF THE REGIONAL ADMINISTRATOR

Ms. Shelley Schneider, Administrator Air Quality Division Nebraska Department of Environmental Quality 1200 'N' Street, Suite P. O. Box 98922 Lincoln, Nebraska 68509

Dear Ms. Schneider:

I am pleased to approve the 2015 Nebraska Ambient Air Quality Monitoring Plan and 5-year Air Monitoring Network Assessment for 2015. The Nebraska Department of Environmental Quality submitted the plan on January 22, 2016 after posting the plan on its website for 30 days as per 40 CFR Part 58. No comments were received during the comment period.

The U. S. Environmental Protection Agency has reviewed the plan and the 5-year assessment and found both to be in accordance with the provisions of 40 CFR Part 58. With this letter, the EPA is taking action to approve the Nebraska Ambient Air Quality Monitoring Plan and the 2015, 5-year Air Monitoring Network Assessment.

As mentioned in our previous network plan approvals, your air monitoring staff is to be commended for its hard work and attention to detail while completing both the annual network plan and the 5-year network assessment. Your actions of managing and maintaining a strong air monitoring program clearly support the EPA's strategic goal of taking action on climate change and improving air quality. I appreciate your commitment and continued dedication to our shared mission.

Sincerely.

Mark Hague

Enclosure: ENST 2015 Plan Approval Letter



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 7

Science and Technology Center 300 Minnesota Avenue Kansas City, Kansas 66101

MEMORANDUM

SUBJECT: ENST Comments/Approval for State of Nebraska 2015 Air Monitoring Network

Plan

FROM:

Leland Grooms

Leader-Air Monitoring Team

ENST/MES

THRU:

Cecilia Tap

Director ENST

TO:

Michael Jay

Chief

AWMD/APDB

ENST/MESB has reviewed the Nebraska 2015 Annual Ambient Air Monitoring Network Plan and Five Year Network Assessment, which were received January 22, 2015. MESB has no critical comments pertaining to either document.

ENST/MESB fully supports approval of the Nebraska 2015 Annual Ambient Air Monitoring Network Plan (including Five Year Network Assessment Plan and monitoring additions) in accordance with 40 CFR 58.10 and EPA policy. Monitor discontinuation checklists are attached, for each of the monitors proposed in the subject plan to be discontinued.

Attachment(s) - Monitoring discontinuation checklist

EPA Region 7 Ambient Air Monitoring Network Monitor Discontinuation Checklist

City / S	Site Name:	Magnoli	a, Metals	Site Address	s: Auburn, NE		
Monito	r to be disconti	inued: F	Pb (Source Oriented)	AQS ID: 31	1-127-0002		
Propos	ed Effective D	ate: I	mmediately	Agency ope	erating monitor:	NDEQ	
	rdance with 40 (has been met:	CFR 58.14	, discontinuation of this moni	tor is approved t	because one of th	e following	
X	(1) Any PM _{2.5} , O ₃ , CO ₁ , PM ₁₀ , SO ₂ , Pb, or NO ₂ SLAMS monitor which has shown attainment during the previous five years, that has a probability of less than 10 percent of exceeding 80 percent of the applicable NAAQS during the next three years based on the levels, trends, and variability observed in the past, and which is not specifically required by an attainment plan or maintenance plan. Note: In a nonattainment or maintenance area, if the most recent attainment or maintenance plan adopted by the State and approved by EPA contains a contingency measure to be triggered by an air quality concentration and the monitor to be discontinued is the only SLAMS monitor operating in the nonattainment or maintenance area, the monitor may not be discontinued.						
	than another mo attainment area, which is not spec be implemented	nitor for the nonattainm cifically requ or discontir cts on mea	CO, PM ₁₀ , SO ₂ , or NO ₂ which has same poliutant in the same coulent area, or maintenance area, uired by an attainment plan or mained during the next five years visured concentrations, such that being compared	inty (or portion of a as applicable) dur aintenance pian, i vould apply to the	a county within a dis ring the previous five if control measures s areas around both r	stinct e years, and scheduled to monitors and	
	nonattainment, o applicable NAAC	or maintena QS in the pr	AMS monitor in a county (or ponce area, as applicable) provide evious five years, and the approe air quality of the affected coun	d the monitor has ved SIP provides	not measured viola for a specific, repro-	tions of the ducible	
	(4) A PM _{2.5} SLAMS monitor which EPA has determined cannot be compared to the relevant NAAQS becau of the siting of the monitor, in accordance with §58.30.				2S because		
	characterizing tr	ansport into	designed to measure concentrate the area and that has not recorntinuation of the monitor is tied to	ded violations of the	he relevant NAAQS	in the	
	this section, but	may be mo	not eligible for removal under an ved to a nearby location with the s control make it impossible to o	same scale of re	presentation because		
Or, a ca	se-by-case basis	, i have det	ermined that:				
			tor Is approved because discont of a NAAQS and the requirement				
	OR this is a spe	ciai purpos	e monitor, approval from EPA is	not required for di	iscontinuation.		
Detern	nination by: Le	land P. Gı	rooms		Date: 04/07/2	.016	

EPA Region 7 Ambient Air Monitoring Network Monitor Discontinuation Checklist

City / Site Name:		Cozad. NE	Site Address: 215 W 8" Street				
Monitor to be discontinued:		PM ₁₀ (Source Oriented)	AQS ID: 31-047-0001				
Proposed Effective Date:		Immediately	Agency operating monitor: NDEQ				
	dance with 40 CFR 58.	14, discontinuation of this monito	r is approved because one of the following				
·	X (1) Any PM _{2.5} , O ₃ , CO, PM ₁₀ , SO ₂ , Pb, or NO ₂ SLAMS monitor which has shown attainment during the previous five years, that has a probability of less than 10 percent of exceeding 80 percent of the applicable NAAQS during the next three years based on the levels, trends, and variability observed in the past, and which is not specifically required by an attainment plan or maintenance plan. Note: In a nonattainment or maintenance area, if the most recent attainment or maintenance plan adopted by the State and approved by EPA contains a contingency measure to be triggered by an air quality concentration and the monitor to be discontinued is the only SLAMS monitor operating in the nonattainment or maintenance area, the monitor may not be discontinued.						
	than another monitor for the attainment area, nonattain which is not specifically rebe implemented or discontinuous.	he same poliutant in the same count nment area, or maintenance area, as equired by an attainment plan or main tinued during the next five years wo easured concentrations, such that the	consistently measured lower concentrations by (or portion of a county within a distinct is applicable) during the previous five years, and intenance plan, if control measures scheduled to uid apply to the areas around both monitors and e retained monitor would remain the higher				
	nonattainment, or mainter applicable NAAQS in the	nance area, as applicable) provided by previous five years, and the approve	on of a county within a distinct attainment, the monitor has not measured violations of the ed SIP provides for a specific, reproducible in the absence of actual monitoring data.				
		or which EPA has determined cannot r, in accordance with §58.30.	t be compared to the relevant NAAQS because				
	characterizing transport in	nto the area and that has not recorde	ions upwind of an urban area for purposes of ed violations of the relevant NAAQS in the start-up of another station also characterizing				
	this section, but may be n	s not eligible for removal under any on noved to a nearby location with the s te's control make it impossible to cor	of the criteria in paragraphs (1) through (5) of same scale of representation because logistical ntinue operation at its current site.				
Or, a ca	se-by-case basis, i have d	etermined that:					
	Discontinuation of this moneoded for implementation to be met.	onitor is approved because disconting of a NAAQS and the requirements	nuance does not compromise data collection s of 40 CFR Part 58 appendix D, if any, continu				
	OR this is a special purpo	ose monitor; approval from EPA is no	ot required for discontinuation.				
Determ	ination by: Leland P.	Grooms	人 / (C Date: 04/07/2016				

EPA Region 7 Ambient Air Monitoring Network Monitor Discontinuation Checklist

Site Address: 409 9th Street

Gothenburg. NE

City / Site Name:

Monito	r to be discontinued:	PM ₁₀ (Source Oriented)	AQS ID: 31-047-0003			
Proposed Effective Date:		Immediately	Agency operating monitor: NDEQ			
	dance with 40 CFR 58.1 has been met:	14, discontinuation of this monite	or is approved because one of the following	g		
Х	(1) Any PM _{2.5} , O ₃ , CO, PM ₁₀ , SO ₂ , Pb, or NO ₂ SLAMS monitor which has shown attainment during the previous five years, that has a probability of less than 10 percent of exceeding 80 percent of the applicable NAAQS during the next three years based on the levels, trends, and variability observed in the past, and which is not specifically required by an attainment plan or maintenance plan. Note: In a nonattainment or maintenance area, if the most recent attainment or maintenance plan adopted by the State and approved by EPA contains a contingency measure to be triggered by an air quality concentration and the monitor to be discontinued is the only SLAMS monitor operating in the nonattainment or maintenance area, the monitor may not be discontinued.					
	than another monitor for the attainment area, nonattain which is not specifically rebe implemented or discort	he same pollutant in the same cour nment area, or maintenance area, a equired by an attainment plan or ma ntinued during the next five years we easured concentrations, such that ti	s consistently measured lower concentrations nty (or portion of a county within a distinct as applicable) during the previous five years, an aintenance plan, if control measures scheduled ould apply to the areas around both monitors ar the retained monitor would remain the higher	to		
	nonattainment, or mainter applicable NAAQS in the	nance area, as applicable) provided previous five years, and the approv	tion of a county within a distinct attainment, d the monitor has not measured violations of the red SiP provides for a specific, reproducible y in the absence of actual monitoring data.)		
		or which EPA has determined cannor, in accordance with §58.30.	ot be compared to the relevant NAAQS because	е		
	characterizing transport in	nto the area and that has not record	tions upwind of an urban area for purposes of ded violations of the relevant NAAQS in the o start-up of another station also characterizing	8		
	this section, but may be r	is not eligible for removal under any moved to a nearby location with the te's control make it impossible to co	of the criteria in paragraphs (1) through (5) of same scale of representation because logistica ontinue operation at its current site.	ıl		
Or, a ca	se-by-case basis, I have d	letermined that:				
	Discontinuation of this me needed for implementation to be met.	onitor is approved because disconti on of a NAAQS and the requiremen	nuance does not compromise data collection ts of 40 CFR Part 58 appendix D, if any, continu	16		
	OR this is a special purpo	ose monitor; approval from EPA is r	not required for discontinuation.			
Determ	nination by: Leland P.	Grooms	L/C Date: 04/07/2016			