NORTHERN NEVADA

Public Health

Air Quality

2025 Ambient Air Monitoring Network Plan

May 22, 2025

Public Health

Serving Reno, Sparks & Washoe County

MISSION

To improve and protect our community's quality of life and increase equitable opportunities for better health.

i

Table of Contents

Introduction
Purpose
Public Inspection Process
Agency Contacts
Overview of Northern Nevada Public Health Network Operation
Network Design
Minimum Monitoring Requirements
Collocation Requirements
Process to Review Changes to PM _{2.5} Monitoring Network
Network Modifications Completed in 2024
Additional Changes Completed in 2024
Network Modifications Proposed for 2025-202610
Additional Changes Proposed for 2025-202610
PM _{2.5} Monitoring Network Modifications Proposed for 2025-20261
Data Submission Requirements
Environmental Justice and Underserved Communities11
Overview of Tribal Network Operations12
Network Design14
Northern Nevada Public Health Detailed Site Information
Incline16
Lemmon Valley
Reno4
South Reno
Spanish Springs32
Sparks
Toll40
Tablesii
Figuresii
Acronyms and Abbreviationsiv

Appendices

Appendix A – Public Inspection Plan

Appendix B – 58.14 Network Modification Request for South Reno and Verdi SLAMS

Appendix C – NOy Waiver Request

Appendix D – Sparks Met Removal

Tables

 Ambient Air Monitoring Sites and Parameters Monitored. Minimum Monitoring Requirements for O₃	4 5 5
7. Minimum Monitoring Requirements for SO ₂	
8. Minimum Monitoring Requirements for CO	
9. Source-Oriented Pb Monitoring	
10. Near-Road NO ₂ , PM _{2.5} , and CO Monitors	
11. Collocation of Manual PM _{2.5} , PM ₁₀ , and non-NCore Pb Monitors	
12. Collocation of Automated FEM PM _{2.5} Monitors	
13. Tribal Ambient Air Monitoring Sites and Parameters Monitored	
Figures	
1. Northern Nevada Public Health - AQMD Ambient Air Monitoring Sites	
2. Historically Underserved Communities in the Reno/Sparks Area	12
3. Tribal Monitoring Network	15
4. Incline Monitoring Station	16
5. Incline Monitoring Site Vicinity Aerial	17
6. Lemmon Valley Monitoring Station	19
7. Lemmon Valley Monitoring Site Vicinity Aerial	
8. Reno4 Monitoring Station	22
9. Reno4 Monitoring Site Vicinity Aerial	23
11. South Reno Monitoring Site Vicinity Aerial12. Spanish Springs Monitoring Station	32
12. Spanish Springs Monitoring Station	3∠
13. Spanish Springs Montoring Site Vienney Actial	
	36
14. Sparks Monitoring Station	
	37

Acronyms and Abbreviations

AADT Annual Average Daily Traffic Count

AQMD Northern Nevada Public Health – Air Quality Management Division

AQS Air Quality System

ARM Approved Regional Method
ATR Automatic Traffic Recorder
BAM Beta Attenuation Monitor
CARB California Air Resources Board
CBSA Core-Based Statistical Area
cc/min Cubic centimeter per minute
CFR Code of Federal Regulations

CO Carbon Monoxide

EPA U.S. Environmental Protection Agency ESC Environmental Systems Corporation

FEM Federal Equivalent Method FRM Federal Reference Method GFC Gas Filter Correlation MSA Metropolitan Statistical Area

NAAQS National Ambient Air Quality Standards

NCore National Core multipollutant monitoring station

NDOT Nevada Department of Transportation

NEI National Emissions Inventory NNPH Northern Nevada Public Health

NO Nitric Oxide NO₂ Nitrogen Dioxide NOx Oxides of Nitrogen

NOy Reactive Oxides of Nitrogen

O₃ Ozone

ORD EPA's Office of Research and Development

PLPT Pyramid Lake Paiute Tribe

 $PM_{2.5}$ Particulate Matter less than or equal to 2.5 microns in aerodynamic diameter PM_{10} Particulate Matter less than or equal to 10 microns in aerodynamic diameter

PM_{10-2.5} PM₁₀ minus PM_{2.5} ppb parts per billion ppm parts per million

PWEI Population Weighted Emissions Index

RSIC Reno-Sparks Indian Colony SASS Speciation Air Sampling System SIP State Implementation Plan

SLAMS State and Local Air Monitoring Station

SO₂ Sulfur Dioxide

SPM Special Purpose Monitoring

SR State Route

STN Speciation Trends Network

TAPI Teledyne Advanced Pollution Instrumentation, Inc. WAMMS Wadsworth Air and Meteorological Monitoring Site

Introduction

Purpose

The U.S. Environmental Protection Agency (EPA) finalized amendments to the ambient air monitoring regulations on October 17, 2006. The amendments revise the technical requirements for certain types of ambient air monitoring sites, add provisions for monitoring of PM_{10-2.5}, and reduce certain monitoring requirements for criteria pollutants. Monitoring agencies are required to submit annual monitoring network plans, conduct network assessments every five years, perform quality assurance activities, and in certain instances, have NCore sites established by January 1, 2011.

This plan was prepared and submitted as part of the fulfillment of these regulations. It represents the Northern Nevada Public Health - Air Quality Management Division's (AQMD) ambient air monitoring program activities completed in 2024 and proposed network modifications for 2025-2026.

Public Inspection Process

This monitoring network plan was available for public inspection from May 22 to June 22, 2025, at the AQMD website (<u>OurCleanAir.com</u>). A hardcopy of the plan was also available at the AQMD office. See Appendix A for AQMD's Public Inspection Plan.

Agency Contacts

For information or questions regarding the 2025 Ambient Air Monitoring Network Plan, please contact the following individuals of the AQMD.

Francisco Vega, Division Director (775) 784-7211, or fvega@nnph.org

Craig Petersen, Supervisor, Monitoring and Planning (775) 784-7233, or cpetersen@nnph.org

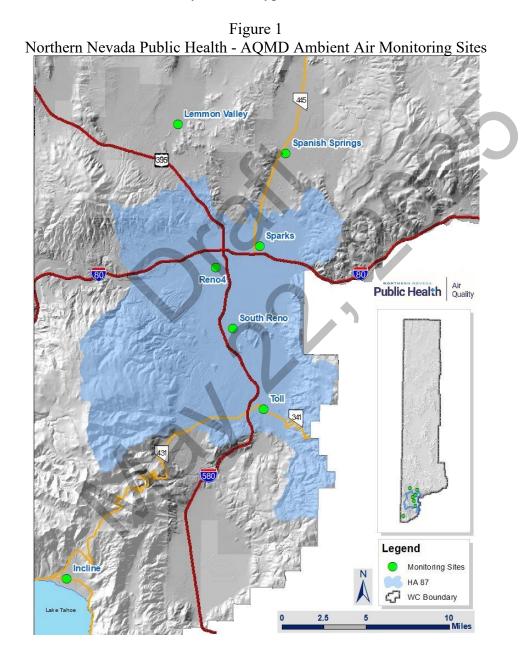
Matthew McCarthy, Senior Air Quality Specialist (775) 784-7205, or mmccarthy@nnph.org

¹ 71 FR 61236-61328.

Overview of Northern Nevada Public Health Network Operation

Network Design

The AQMD operated seven (7) ambient air monitoring sites in 2024 (Figure 1). The blue boundary delineates Hydrographic Area 87 (HA 87) as defined by the State of Nevada Division of Water Resources. This area was designated as "serious" non-attainment for the 24-hour PM₁₀ NAAQS until it was redesignated to "Attainment/Maintenance" effective January 7, 2016.² Washoe County is classified as "attainment" or "unclassifiable/attainment" for all other pollutants and averaging times. Table 1 lists the parameters monitored in 2024 sorted by network type and site.



² 80 FR 76232 (December 8, 2015).

Table 1
Ambient Air Monitoring Sites and Parameters Monitored

1			7 11	HOICE	ıt Air	IVIOII	1101111	Som	75 and	1 ulu	illicio.	15 1110	7111101	cu				
Network Type Site	O ₃	00	Trace CO	ON	NO_2	NOx	Trace NO	NOy-NO	NOy	Trace SO_2	PM_{10} (manual)	PM ₁₀ (continuous)	PM _{2.5} (manual)	PM _{2.5} (continuous)	PM _{10-2.5} (manual)	PM _{10-2.5} (continuous)	PM _{2.5} Speciation	Meteorology
Incline	✓																	
Lemmon Valley	✓																	
South Reno	✓																	✓
Spanish Springs	✓											✓		✓ (✓		✓
Sparks	✓											✓		\		>		✓
Toll	✓								X			✓		✓	•	\		✓
NCore ³																		
Reno4	✓		✓	✓	✓	✓	\	V	>	✓	✓	>	>	V	✓	✓		✓
STN							(C										
Reno4																	✓	
SPM						V					^)						

Notes: Meteorology for the NCore network includes ambient temperature, wind speed, wind direction, and relative humidity. The PM_{10} manual method monitor at NCore is for $PM_{10-2.5}$ calculation only and is not submitted to AQS for data to be used in comparison to the NAAQS.

³ NCore monitoring began December 2010.

Minimum Monitoring Requirements

Except where otherwise noted, each monitor in AQMD's ambient air monitoring network meets the minimum monitoring requirements for all criteria pollutants pursuant to 40 CFR 58, Appendices A, B, C, D, and E, where applicable. Tables 2 through 10 provide pollutant specific monitoring requirements. Additional pollutant specific data may be found in the "Washoe County, Nevada, Air Quality Trends Report, 2015-2024". The 2024 population data is from the Nevada State Demographer's Office.⁴

Table 2 Minimum Monitoring Requirements for O₃

				5 requiremen			
				sign Value -2024)	N.	Tumber of Site	20
			(2022	-2024)	1\	uniber of Sig	28
MSA	County	Population	ppm	Site (ID)	Minimum Required	Active	Needed
Reno-Sparks	Washoe <u>Storey</u> Total	513,854 <u>4,457</u> 518,311	0.066	South Reno (0020) Lemmon Valley (2009) Spanish Springs (1007) Incline (2002)	2	7	0

Monitors required for SIP or Maintenance Plan: 2

Title 40 CFR 58, Appendix D, Section 4.1 requires O₃ monitoring in MSAs with populations above 350,000 people. Monitors are also required in MSAs with lower populations if measured O₃ values within that MSA are 85% or more of the NAAQS.

Table 3
Minimum Monitoring Requirements for PM_{2.5} SLAMS (FRM/FEM/ARM)

					esign Valu 022-2024		Number of	f SLAMS	S Sites
MSA	County	Population	Annual (μg/m³)	Annual Site (ID)	Daily (µg/m³)	Daily Site (ID)	Minimum Required	Active	Needed
Reno- Sparks	Washoe Storey Total	513,854 <u>4,457</u> 518,311	7.9	Sparks (1005)	34	Reno4 (0031)	2	4	0

Monitors required for: SIP or Maintenance Plan: 0; NCore: 1

Title 40 CFR 58, Appendix D, Section 4.7.1 requires PM_{2.5} monitoring in MSAs with populations above 500,000 people and in MSAs with lower populations if measured PM_{2.5} values for an MSA are 85% or more of the NAAQS.

⁴ <u>Nevada State Demographer, "Governor Certified Population Estimates of Nevada's Counties, Cities and Towns 2004 to 2024"</u>

Table 4
Minimum Monitoring Requirements for Continuous PM_{2.5} Monitors (FEM/ARM/non-FEM)

				υ	Value -2024)		Number of 0	Continuous	Monitors
MSA	County	Population	Annual (μg/m³)	Annual Site (ID)	Daily (µg/m³)	Daily Site (ID)	Minimum Required	Active	Needed
Reno- Sparks	Washoe Storey Total	513,854 4,457 518,311	7.9	Sparks (1005)	34	Reno4 (0031)	1	4	0

Monitors required for: SIP or Maintenance Plan: 0; NCore: 1

Title 40 CFR 58, Appendix D, Section 4.7.2 requires continuous PM_{2.5} monitors equal to at least one-half (round up) of the minimum sites listed in Table D-5 of Title 40 CFR 58, Appendix D.

Table 5
Minimum Monitoring Requirements for PM₁₀

		141111	IIIuiii Wioiiitoiiii	g requirements i	101 1 11110		
				oncentration -2024)	Nι	umber of Sites	
MSA	County	Population	$\mu g/m^3$	Site (ID)	Minimum Required	Active	Needed
Reno- Sparks	Washoe <u>Storey</u> Total	513,854 4,457 518,311	242	Spanish Springs (1007)	4-8	4	0

Monitors required for SIP or Maintenance Plan: 4

Title 40 CFR 58, Appendix D, Section 4.6 specifies PM_{10} monitoring requirements in MSAs based on population and design values. The number of PM_{10} stations in areas where MSA populations are from 500,000-1,000,000 must be in the range of 4 to 8 stations, depending on ambient concentration levels.

Table 6
Minimum Monitoring Requirements for NO₂

			Max			Number of	f Monitors		
			AADT		Active	Near-	Required	Active	Area-
			counts	Required	Near-	Road	Area-Wide	Area-	Wide
CBSA	County	Population	(year)	Near-Road	Road	Needed		Wide	Needed
Reno, NV	Washoe <u>Storey</u> Total	513,854 <u>4,457</u> 518,311	170,000 ⁵ (2023)	0	0	0	0	1	0

Monitors required for: SIP or Maintenance Plan: 0; NCore: 1

Monitors required for PAMS: 0

EPA Regional Administrator-required monitors per 40 CFR 58, App. D 4.3.4: 0

Title 40 CFR 58, Appendix D, Section 4.3.2 requires one near-road NO₂ monitoring station in each CBSA with populations over 1,000,000 people. Likewise, Title 40 CFR 58, Appendix D, Section 4.3.3 requires one area-wide NO₂ monitoring station in each CBSA with populations over 1,000,000 people. Based on the 2024 population data from the Nevada State Demographer's Office, the Reno, NV CBSA does not require a near-road or area-wide NO₂ monitoring station.

⁵ NDOT ATR 0310634 between the Plumb-Villanova Interchange 'Exit 65' & Mill St Interchange 'Exit 66'.

Table 7
Minimum Monitoring Requirements for SO₂

					Data	Numb	er of Moni	tors
			T-4-150	PWEI (Million	Requirements Rule Source(s)	Minimo		
CBSA	County	Population	Total SO ₂ (tons/year)	persons- tons/year)	using Monitoring	Minimum Required	Active	Needed
Reno, NV	Washoe Storey Total	513,854 4,457 518,311	339.06	175.7	n/a	0	1	0

Monitors required for SIP or Maintenance Plan: 0; NCore: 1

EPA Regional Administrator-required monitors per 40 CFR 58, App. D 4.4.3: 0

Title 40 CFR 58, Appendix D, Section 4.4.2 requires an SO₂ monitoring network based on a calculated population weighted emissions index (PWEI). This index is calculated by multiplying the population of a CBSA with the National Emission Inventory (NEI) data for counties within that CBSA. The calculated value is then divided by one million in order to obtain the PWEI value. PWEI monitoring requirements are as follows: 1) one monitor in CBSAs with a PWEI value greater than 5,000, 2) two monitors in CBSAs with a PWEI value greater than 100,000, and 3) three monitors in CBSAs with a PWEI value greater than 1,000,000. As shown in Table 7, AQMD used 2024 population data from the Nevada State Demographer's Office and 2020 National Emissions Inventory data to determine that no additional SO₂ monitoring is required.

Table 8
Minimum Monitoring Requirements for CO

				Number of Monitors	
CBSA	County	Population	Required Near-Road	Active Near-Road	Needed
Reno, NV	Washoe <u>Storey</u> Total	513,854 <u>4,457</u> 518,311	0	0	0

Monitors required for: SIP or Maintenance Plan: 0; NCore: 1

EPA Regional Administrator-required monitors per 40 CFR 58, App. D 4.2.2: 0

Title 40 CFR 58, Appendix D, Section 3.0 requires high sensitivity CO monitors at NCore sites. Title 40 CFR 58, Appendix D, Section 4.2 requires one CO monitor to operate collocated with one required near-road NO₂ monitor in CBSAs having populations over 1,000,000 people. Based on the 2024 population data from the Nevada State Demographer's Office, the Reno, NV CBSA does not require a CO monitor collocated with a near-road NO₂ monitor.

⁶ U.S.EPA, 2020 National Emissions Inventory (NEI) Data

Table 9
Source-Oriented Pb Monitoring

				cu i o momio.	8			
			Emission		Design	Numb	er of Moni	tors
		Pb	Inventory	Max 3-Month	Value Date			
		Emissions	Source &	Design Value	(3 rd Month,	Minimum		
Source Name	Address	(tons/year)	Data Year	$(\mu g/m^3)$	Year)	Required	Active	Needed
D C4 1	4895 Texas							
Reno-Stead	Ave	0.126	2020 NEI	n/a	n/a	0	0	0
Airport	Reno, NV							
Reno-Tahoe	2001 E							
International	Plumb Lane	0.123	2020 NEI	n/a	n/a	0	0	0
Airport	Reno, NV							

Monitors required for: SIP or Maintenance Plan: 0

EPA Regional Administrator-required monitors per 40 CFR 58, App. D 4.5(c): 0

Title 40 CFR 58, Appendix D, Section 4.5(a) requires one source-oriented SLAMS site located to measure the maximum Pb concentration in ambient air resulting from each non-airport Pb source which emits 0.50 or more tons per year and from each airport which emits 1.0 or more tons per year based on the most recent National Emission Inventory. All non-airport sources of Pb within the CBSA emit less than 0.5 tons per year and all airport sources within the CBSA emit less than 1.0 tons per year, according to the 2020 NEI. Table 9 includes the two largest sources of Pb emissions in Reno, NV CBSA.

Table 10 Near-Road NO₂, PM_{2.5}, and CO Monitors

					Nur	nber of Mo	nitors		
CBSA	Population (year)	Max AADT Counts (year)	Required NO ₂	Active NO ₂	Required PM _{2.5}	Active PM _{2.5}	Required CO	Active CO	Additional Needed
Reno, NV	518,311 (2024)	$170,000^7$ (2023)	0	0	0	0	0	0	0

Title 40 CFR 58.13 and Appendix D to Title 40 CFR 58, Sections 4.2, 4.3, and 4.7 require one near-road CO monitor to operate collocated with one near-road NO₂ monitor in CBSAs having a population of 1,000,000 or more persons. An additional NO₂ monitor is required in CBSAs with a population of 2,500,000 or more persons.

⁷ NDOT ATR 0310634 between the Plumb-Villanova Interchange 'Exit 65' & Mill St Interchange 'Exit 66'.

Collocation Requirements

Title 40 CFR 58, Appendix A, Section 3 describes the number of collocated monitors required for PM_{2.5}, PM₁₀, and Pb networks at the Primary Quality Assurance Organization (PQAO) level. Tables 11 and 12 display how AQMD is assessing and meeting these collocation requirements.

Table 11 Collocation of Manual PM_{2.5}, PM₁₀, and non-NCore Pb Monitors

		Number of Collocated Monitors			
Method Code	Number of Primary Monitors	Required	Active		
125	0	0	0		

Title 40 CFR 58, Appendix A, Section 3.2.3 requires 15 percent (at least 1) of the manual method samplers be collocated. Being that AQMD only runs one manual method sampler for the calculation of PM_{10-2.5} at the Reno4 NCore station, and all the Primary PM₁₀ monitors are continuous methods, there is no collocation requirement.

Table 12 Collocation of Automated FEM PM_{2.5} Monitors

Method Code	Number of Primary Monitors	Number of Required Collocated Monitors	Number of Active Collocated FRM Monitors	Number of Active Collocated FEM Monitors (same method designation as primary)
170	4	1	1	0

Title 40 CFR 58, Appendix A, Section 3.2.3 requires 15 percent of the primary monitors of each method designation (at least 1) be collocated. Values of 0.5 and greater round up. The first collocated monitor must be a designated FRM monitor. AQMD meets this requirement by having four Primary PM_{2.5} FEM monitors with one at the Reno4 monitoring station collocated with a PM_{2.5} FRM sampler.

Process to Review Changes to PM2.5 Monitoring Network

40 CFR 58.10(c) requires this annual network plan to "provide for the review of changes to a $PM_{2.5}$ monitoring network that impact the location of a violating $PM_{2.5}$ monitor." There is no current plan to relocate or discontinue any $PM_{2.5}$ monitor suitable for NAAQS comparison. Any changes to the $PM_{2.5}$ monitoring network with impact to the location of a violating $PM_{2.5}$ monitor will be documented in this section of future annual network plans.

Network Modifications Completed in 2024

SLAMS:

• No modifications completed.

NCore:

• No modifications completed.

Speciation Trends:

• No modifications completed.

SPM:

• No modifications completed.

Additional Changes Completed in 2024

SLAMS:

O₃ (Toll)

• Installed a new T-Series Teledyne O₃ analyzer as part of 10-year replacement schedule.

Meteorology (Sparks)

• AQMD discontinued monitoring wind speed, wind direction, and ambient temperature at the Sparks SLAMS (Appendix D).

NCore:

CO (Reno4)

• Installed a new T-Series Teledyne trace-level CO analyzer as part of the 10-year replacement schedule.

Speciation Trends:

• Installed a new Met One SuperSASS as part of the 10-year replacement schedule. This sampler was purchased using one-time 103 grant funding from EPA.

SPM:

No changes completed.

SLAMS:

O₃ and meteorology (South Reno)

• Discontinue all monitoring at the South Reno station. A formal request stating this proposal can be reviewed in Appendix B.

All pollutants and meteorology (Verdi)

• Begin monitoring PM₁₀, PM_{2.5}, PM_{10-2.5}, O₃, and meteorology at a new site in Verdi. This station will be constructed with American Rescue Plan (ARP) grants funds from EPA. A formal request stating this proposal can be reviewed in Appendix B.

NCore:

Trace NO, NOy-NO, NOy (Reno4)

• Discontinue monitoring for NOy and its associated parameters as per NOy waiver provisions outlined in 40 CFR Part 85 Appendix D.3. The waiver request was submitted to EPA on February 5, 2025 (Appendix C) and is awaiting EPA approval.

Speciation Trends:

• No modifications proposed.

SPM:

No modifications proposed.

Additional Changes Proposed for 2025-2026

SLAMS:

O₃ (Sparks, Lemmon Valley, South Reno)

• Install new O₃ analyzers as part of the 10-year replacement schedule. Monitors will be purchased using EPA IRA Direct Monitoring Grant funding.

PM₁₀, PM_{2.5}, PM_{10-2.5} (Spanish Springs, Toll)

• Install new Met One BAM 1020's as part of the 10-year replacement schedule. Monitors will be purchased using EPA IRA Direct Monitoring Grant funding.

NCore:

No changes proposed.

Speciation Trends:

• No changes proposed.

SPM:

No changes proposed.

PM_{2.5} Monitoring Network Modifications Proposed for 2025-2026

SLAMS:

PM_{2.5} (Verdi)

• Begin monitoring PM_{2.5} at a new site in Verdi. A formal request stating this proposal will be submitted prior to any modifications to follow the 40 CFR 58.14 criteria.

NCore:

$PM_{2.5}$

• No modifications proposed.

Speciation Trends:

• No modifications proposed.

SPM:

• No modifications proposed.

Data Submission Requirements

Quality Assurance Data for 2024 were submitted to AQS for the:

1st quarter in May 2024 2nd quarter in September 2024 3rd quarter in November 2024 4th quarter in February 2025

Annual Data Certification for all data for 2024 was submitted to EPA on April 29, 2025.

Environmental Justice and Underserved Communities

Historically Underserved Communities are defined as:

- (1) A census tract:
 - (I) Designated as a qualified census tract by the United States Secretary of Housing and Urban Development pursuant to 26 U.S.C. § 42(d)(5)(B)(ii); or
 - (II) In which, in the immediately preceding census, at least 20 percent of households were not proficient in the English language.
- (2) A community in this State with at least one public school:
 - (I) In which 75 percent or more of the enrolled pupils in the school are eligible for free or reduced-price lunches pursuant to 42 U.S.C. §§ 1751 et seq.; or
 - (II) That participates in universal meal service in high poverty areas pursuant to Section 104 of the Healthy, Hunger-Free Kids Act of 2010, Public Law 111-296; or
- (3) A community in this State located on qualified tribal land, as defined in NRS 370.0325.

Figure 2 highlights the Historically Underserved Communities in the Reno/Sparks area.

Cold Springs oun Valley Sparks Reno Truckee Rive Historically Underserved Community Tribal Land Major Roads

Figure 2 Historically Underserved Communities in the Reno/Sparks Area

Four out of seven of AQMD's ambient air monitoring sites are located in communities defined above as historically underserved. Those sites are Lemmon Valley, Reno4, South Reno, and Sparks. AQMD will consider environmental justice factors during network design, siting, relocating, or discontinuing monitors, and engaging with specific communities when plans are out for public comment.



Overview of Tribal Network Operations

Network Design

One tribe operates an ambient air monitoring network within the geographic boundaries of Washoe County - The Pyramid Lake Paiute Tribe (PLPT). Table 13 summarizes the tribal sites and parameters monitored in 2024. Figure 3 shows the location of tribal lands for the Reno-Sparks Indian Colony (RSIC) and the PLPT, including PLPT's monitoring site. The RSIC does not currently operate an ambient air quality monitoring network in Washoe County. For additional detailed site information about the PLPT monitoring network including annual network plans, refer to the following contact information.

Pyramid Lake Paiute Tribe
Tanda Roberts
Air Quality Specialist
Environmental Department
P.O. Box 256
Nixon, NV 89424
(775) 574-0101 ext.18
troberts@plpt.nsn.us
https://plpt.nsn.us/

Table 13
Tribal Ambient Air Monitoring Sites and Parameters Monitored

								- <u>0 </u>										
<u>Network</u> Site Site ID PLPT	O_3	03	Trace CO	ON	NO2	NOx	Trace NO	NOy-NO	NOy	Trace SO ₂	PM ₁₀ (manual)	PM ₁₀ (continuous)	PM _{2.5} (manual)	PM _{2.5} (continuous)	PM _{10-2.5} (manual)	PM _{10-2.5} (continuous)	PM _{2.5} Speciation	Meteorology
WADSAQ T-561-1026												✓						✓

Pyramid Lake 447 447 **Lemmon Valley** WAMMS Spanish Springs Sparks Reno4 South Reno Public Health Air Quality Toll Legend HA 87 Reno-Sparks Indian Colony Pyramid Lake Paiute Tribe WC Boundary Monitoring Sites by PLPT WCHD-AQMD Incline 12 Miles

Figure 3
Tribal Monitoring Network

Incline

This site is located in a Washoe County office building at 855 Alder Avenue and is outside HA 87. It is located in a residential/commercial neighborhood. The AQMD had monitored PM₁₀ (1993-2002) and CO (1993-2002) and currently monitors for O₃. This site was temporarily closed from December 2005 to May 2008 for remodeling. By multi-agency cooperative agreement, the California Air Resources Board (CARB) monitored PM_{2.5} (1999-2002) and NO₂ (1999-2002). Since May 2008, this site only monitors for O₃.

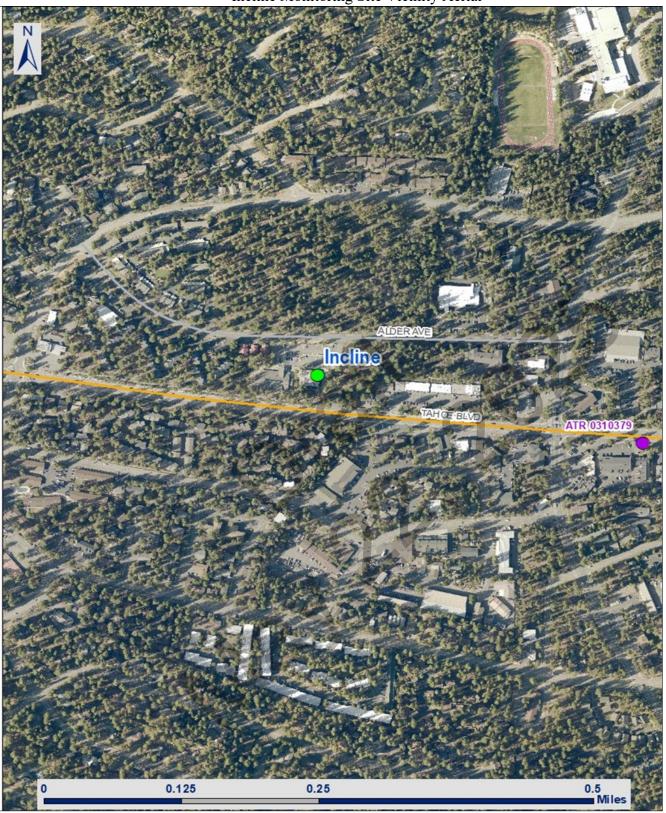
Site Name:	Incline
AQS ID:	32-031-2002
Geographical coordinates:	39° 15.025'N, 119° 57.404'W
Elevation:	6,437'
Assessor's Parcel Number:	132-020-23
Owner:	Washoe County
Location:	Inside northeast corner of Washoe County office building.
Street address:	855 Alder Avenue Incline Village, NV 89451
County:	Washoe
Distance to road:	57 meters to Tahoe Boulevard
Traffic count:8	9,800 AADT (2021-2023) (NDOT ATR 0310379 – SR28 (Tahoe Blvd), 450 feet south of Village Blvd)
Groundcover:	Paved / Vegetated
Representative area:	Reno-Sparks MSA
Hydrographic area:	90

Figure 4
Incline Monitoring Station



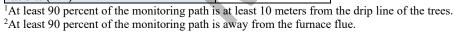
⁸ Nevada Department of Transportation Traffic Information

Figure 5
Incline Monitoring Site Vicinity Aerial



Incline (continued)

Incline (continued)	
Pollutant, POC	O ₃ , 1
Primary / QA Collocated / Other	n/a
Parameter code	44201
Basic monitoring objective(s)	NAAQS comparison
	Highest
Site type(s)	Concentration
Monitor type	SLAMS
Network affiliation(s)	n/a
Instrument manufacturer / model	TAPI T400
Method code	087
FRM / FEM / ARM / Other	FEM
Collecting Agency	NNPH - AQMD
Analytical Lab	n/a
Reporting Agency	NNPH - AQMD
Spatial scale	Neighborhood
Monitoring start date	June 1993 Continuous
Current sampling frequency	
Required sampling frequency	n/a
Sampling season	01/01 – 12/31
Probe height	5.6 meters
Distance from supporting structure	2.1 meters
Distance from obstructions on roof	n/a
Distance from obstructions not on	None
roof	
Horizontal distance from trees	11.5 meters ¹
Vertical height of tree above probe	5.2 meters
Distance to furnace or incinerator flue	6.3 meters ²
Distance between collocated monitors	n/a
For low volume PM instruments, is	n/a
any PM instrument within 1 meter?	II u
For high volume PM instruments, is	n/a
any PM instrument within 2 meters?	
Unrestricted airflow	360 degrees
Probe material	Teflon
Residence time	8 seconds
Proposed modifications	None
within the next 18 months?	Tione
Is it suitable for comparison against	n/a
the annual PM _{2.5} NAAQS?	
Frequency of flow rate verification for	n/a
manual samplers (PM)	
Frequency of flow rate verification for	n/a
automated analyzers (PM)	
Frequency of one-point QC check	Bi-weekly (3 point)
(gaseous) Date of annual performance	
evaluation (gaseous & meteorological)	03/25/24 06/11/24
Date of two semi-annual flow rate	00/11/24
audits (PM)	n/a
audits (1 IVI)	



Lemmon Valley

Located at the Boys and Girls Club at 325 Patrician Drive, this site is outside HA 87. It is in a transitional area among residences, parks, and open fields.

Site name:	Lemmon Valley					
AQS ID:	32-031-2009					
Geographical coordinates:	9° 38.716'N, 119° 50.401'W					
Elevation:	4,925'					
Assessor's Parcel Number	080-461-31					
Owner:	Washoe County					
Location:	Inside northwest corner of Boys and Girls Club.					
Street address:	325 W. Patrician Drive Reno, NV 89506					
County:	Washoe					
Distance to road:	59 meters to Patrician Drive.					
Traffic count:	840 AADT (2021-2023) (NDOT ATR 0310926 - Patrician Drive, 150 feet west of Lemmon Drive)					
Groundcover:	Paved / Vegetated					
Representative area:	Reno-Sparks MSA					
Hydrographic area:	92B					

Figure 6
Lemmon Valley Monitoring Station



Figure 7 Lemmon Valley Monitoring Site Vicinity Aerial



Lemmon Valley (continued)

Lemmon Valley (continued)			
Pollutant, POC	O ₃ , 1		
Primary / QA Collocated / Other	Primary		
Parameter code	44201		
Basic monitoring objective(s)	NAAQS comparison		
Site type(s)	Highest		
** \ /	Concentration		
Monitor type	SLAMS		
Network affiliation(s)	n/a		
Instrument manufacturer / model	TAPI T400		
Method code	087		
FRM / FEM / ARM / Other	FEM		
Collecting Agency	NNPH - AQMD		
Analytical Lab	n/a		
Reporting Agency	NNPH - AQMD		
Spatial scale	Urban		
Monitoring start date	January 1987		
Current sampling frequency	Continuous		
Required sampling frequency	n/a		
Sampling season	01/01 - 12/31		
Probe height	5.5 meters		
Distance from supporting structure	2.0 meters		
Distance from obstructions on roof	n/a		
Distance from obstructions not on	None		
roof			
Horizontal distance from trees	21 meters		
Vertical height of tree above probe	9.8 meters		
Distance to furnace or incinerator flue	6.0 meters ¹		
Distance between collocated monitors	n/a		
For low volume PM instruments, is	n/a		
any PM instrument within 1 meter?			
For high volume PM instruments, is	n/a		
any PM instrument within 2 meters?	200.1		
Unrestricted airflow	360 degrees		
Probe material Residence time	Teflon 7 seconds		
	/ seconds		
Proposed modifications within the next 18 months?	None		
Is it suitable for comparison against			
the annual PM _{2.5} NAAQS?	n/a		
Frequency of flow rate verification for			
manual samplers (PM)	n/a		
Frequency of flow rate verification for	/		
automated analyzers (PM)	n/a		
Frequency of one-point QC check	Bi-weekly (3 point)		
(gaseous)			
Date of annual performance	03/26/24		
evaluation (gaseous & meteorological)	06/13/24		
Date of two semi-annual flow rate	n/a		
audits (PM)			

¹At least 90 percent of the monitoring path is away from the furnace flue.

Located at Libby C. Booth Elementary School at 1450 Stewart Street in Reno, this site is near the northern edge of the playground and bus loading/unloading zone. Reno4 began monitoring in January 2020 as a relocation of the Reno3 site. Reno4 is an NCore site and monitors for O₃, PM₁₀, PM_{2.5}, PM_{10-2.5}, Trace CO, Trace SO₂, NOx, and Trace NOy. Meteorological parameters including ambient temperature, relative humidity, wind speed, and wind direction are also monitored. This site is also part of EPA's national Speciation Trends Network (STN).

Site name:	Reno4
AQS ID:	32-031-0031
Geographical coordinates:	39° 31.316'N, 119° 47.724'W
Elevation:	4,461'
Assessor's Parcel Number:	013-042-01
Owner:	Washoe County School District Board
Location:	North edge of Libby Booth Elementary School property.
Street address:	1260-A Stewart St. Reno NV 89502
County:	Washoe
Distance to road:	10 meters to Stewart St. and 150 meters to Yori Ave.
Traffic count:	813 AADT (2021-2023) (NDOT ATR 0310886 - Yori Ave, 165 feet north of Stewart St.) ≤900 Approximate AADT
Groundcover:	(NDOT Estimate – Stewart Street)
	Decomposed Granite
Representative area:	Reno-Sparks MSA
Hydrographic area:	87

Figure 8
Reno4 Monitoring Station



Figure 9 Reno4 Monitoring Site Vicinity Aerial



Keno4 (continueu)				
Pollutant, POC	$PM_{10}, 2$	PM _{2.5} , 2	PM _{10-2.5} , 2	PM _{2.5} Speciation, 5
Primary / QA Collocated / Other	Primary	Primary	Primary	Primary
Parameter code	81102 & 85101	88101	86101	88502
Basic monitoring objective(s)	NAAQS comparison	NAAQS comparison	Research Support	Research Support
Site type(s)	Population Exposure	Highest Concentration	n/a	Population Exposure
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation(s)	NCore	NCore	NCore	STN, NCore
, ,			Met One BAM 1020	Met One SASS;
Instrument manufacturer / model	Met One BAM 1020	Met One BAM 1020	Coarse Pair	URG 3000N
Method code	122	170	185	SASS: 810 URG: 870
FRM / FEM / ARM / Other	FEM	FEM	FEM	Other
Collecting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Analytical Lab	n/a	n/a	n/a	Wood
Reporting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	UC Davis
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date	January 2020	January 2020	January 2020	January 2020
Current sampling frequency	Continuous	Continuous	Continuous	1:3
				1:3
Required sampling frequency	n/a	n/a	n/a	
Sampling season	01/01 – 12/31	01/01 – 12/31	01/01 – 12/31	01/01 – 12/31
Probe height	5.3 meters	5.1 meters	5.1 meters	SASS: 4.9 meters URG: 5.1 meters
Distance from supporting structure	2.2 meters	2.1 meters	2.1 meters	SASS: 1.8 meters URG: 2.1 meters
Distance from obstructions on roof	n/a	n/a	n/a	n/a
Distance from obstructions not on roof	None	None	None	None
Horizonal distance from trees	46.6 meters	48.1 meters	46.6 meters	SASS: 49.6 meters URG: 50.6 meters
Vertical height of tree above probe	9.9 meters	10.1 meters	10.1 meters	SASS: 10.3 meters URG: 10.1 meters
Distance to furnace or incinerator flue	n/a	n/a	n/a	n/a
Distance between collocated monitors	n/a	1.2 meters	n/a	n/a
For low volume PM instruments, is any	N.	27	N	3.7
PM instrument within 1 meter?	No	No	No	No
For high volume PM instruments, is any PM instrument within 2 meters?	n/a	n/a	n/a	n/a
Unrestricted airflow	360 degrees	360 degrees	360 degrees	360 degrees
Probe material	n/a	n/a	n/a	n/a
Residence time	n/a	n/a	n/a	n/a
Proposed modifications				
within the next 18 months?	None	None	None	None
Is it suitable for comparison against the annual PM _{2.5} NAAQS?	n/a	Yes	n/a	No
Frequency of flow rate verification for manual samplers (PM)	n/a	n/a	n/a	Monthly verifications and quarterly audits
	Bi-weekly	Bi-weekly	Bi-weekly	, , ,
Frequency of flow rate verification for	verifications and	verifications and	verifications and	n/a
automated analyzers (PM)	quarterly audits	quarterly audits	quarterly audits	·
Frequency of one-point QC check (gaseous)	n/a	n/a	n/a	n/a
Date of annual performance evaluation (gaseous & meteorological)	n/a	n/a	n/a	n/a
(Section of the section of the secti	01/31/24	01/31/24	01/31/24	03/20/24
Date of two semi-annual flow rate audits	04/24/24	04/24/24	04/24/24	05/22/24
(PM)	07/31/24	07/31/24	07/31/24	09/26/24
(4.1)	10/14/24	10/14/24	10/14/24	12/13/24
	10/14/24	10/14/24	10/14/24	12/13/24

Reno4 (continuea)				1
Pollutant, POC	$PM_{10}, 1$	PM _{2.5} , 1	PM _{10-2.5} , 1	Trace CO, 1
Primary / QA Collocated / Other	Other	QA Collocated	Other	n/a
Parameter code	85101	88101	86101	42101
Basic monitoring objective(s)	Research Support	NAAQS comparison	Research Support	NAAQS comparison
Site type(s)	n/a	Population Exposure	n/a	Highest Concentration
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation(s)	NCore	NCore	NCore	NCore
Instrument manufacturer / model	Met One E-SEQ	Met One E-SEQ	Met One E-SEQ	TAPI 300EU
Method code	246	545	247	593
FRM / FEM / ARM / Other	FRM	FRM	FRM	FRM
Collecting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Analytical Lab	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	n/a
Reporting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date	January 2020	January 2020	January 2020	January 2020
Current sampling frequency	1:3	1:3	1:3	Continuous
Required sampling frequency	1:3	1:3	1:3	n/a
Sampling season	01/01 – 12/31	01/01 – 12/31	01/01 – 12/31	01/01 – 12/31
Probe height	5.0 meters	5.0 meters	5.0 meters	5.1 meters
Distance from supporting structure	1.9 meters	1.9 meters	1.9 meters	2.0 meters
Distance from obstructions on roof	n/a	n/a	n/a	n/a
Distance from obstructions not on roof	None	None	None	None
Horizontal distance from trees	46.6 meters	48.6 meters	46.6 meters	50.4 meters
Vertical height of tree above probe	10.2 meters	10.2 meters	10.2 meters	10.1 meters
Distance to furnace or incinerator flue	n/a	n/a	n/a	n/a
Distance between collocated monitors	n/a	1.2 meters	n/a	n/a
For low volume PM instruments, is any				II/ d
PM instrument within 1 meter?	No	No	No	n/a
For high volume PM instruments, is any				,
PM instrument within 2 meters?	n/a	n/a	n/a	n/a
Unrestricted airflow	360 degrees	360 degrees	360 degrees	360 degrees
Probe material	n/a	n/a	n/a	Teflon
Residence time	n/a	n/a	n/a	6 seconds
Proposed modifications	News	Mana	N	N
within the next 18 months?	None	None	None	None
Is it suitable for comparison against the	n/a	Yes	n/a	n/a
annual PM _{2.5} NAAQS?				11/4
Frequency of flow rate verification for	Monthly verifications	Monthly verifications	Monthly verifications	n/a
manual samplers (PM)	and quarterly audits	and quarterly audits	and quarterly audits	11/4
Frequency of flow rate verification for	n/a	n/a	n/a	n/a
automated analyzers (PM)		*		
Frequency of one-point QC check	n/a	n/a	n/a	Weekly
(gaseous) Date of annual performance evaluation				03/28/24
(gaseous & meteorological)	n/a	n/a	n/a	03/28/24 06/20/24
(gascous & ineteorological)	03/20/24	03/20/24	03/20/24	00/20/24
Date of two semi-annual flow rate audits	05/22/24	05/22/24	05/22/24	
(PM)	09/26/24	09/26/24	09/26/24	n/a
()	12/13/24	12/13/24	12/13/24	
	12,13,21	12,13/21	12,13,21	l

Keno+ (continued)				
Pollutant, POC	O ₃ , 1	NO, 1	NO ₂ , 1	NOx, 1
Primary / QA Collocated / Other	n/a	Primary	Primary	Primary
Parameter code	44201	42601	42602	42603
Basic monitoring objective(s)	NAAQS comparison	Research Support	NAAQS comparison	Research Support
Site type(s)	Population Exposure	n/a	Highest Concentration	n/a
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation(s)	NCore	NCore	NCore	NCore
Instrument manufacturer / model	TAPI T400	TAPI 200U	TAPI 200U	TAPI 200U
Method code	087	099	099	099
FRM / FEM / ARM / Other	FEM	FRM	FRM	FRM
Collecting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Analytical Lab	n/a	n/a	n/a	n/a
Reporting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date	January 2020	January 2020	January 2020	January 2020
Current sampling frequency	Continuous	Continuous	Continuous	Continuous
Required sampling frequency	n/a	n/a	n/a	n/a
Sampling season	01/01 - 12/31	01/01 - 12/31	01/01 - 12/31	01/01 - 12/31
Probe height	5.1 meters	5.2 meters	5.2 meters	5.2 meters
Distance from supporting structure	2.0 meters	2.1 meters	2.1 meters	2.1 meters
Distance from obstructions on roof	n/a	n/a	n/a	n/a
Distance from obstructions not on roof	None	None	None	None
Horizontal distance from trees	50.4 meters	51.6 meters	51.6 meters	51.6 meters
Vertical height of tree above probe	10.1 meters	10.0 meters	10.0 meters	10.0 meters
Distance to furnace or incinerator flue	n/a	n/a	n/a	n/a
Distance between collocated monitors	n/a	n/a	n/a	n/a
For low volume PM instruments, is any	:- /-	/-		/ -
PM instrument within 1 meter?	n/a	n/a	n/a	n/a
For high volume PM instruments, is any	n/a	n/a	n/a	n/a
PM instrument within 2 meters?				
Unrestricted airflow	360 degrees	360 degrees	360 degrees	360 degrees
Probe material	Teflon	Teflon	Teflon	Teflon
Residence time	6 seconds	5 seconds	5 seconds	5 seconds
Proposed modifications	None	None	None	None
within the next 18 months?				
Is it suitable for comparison against the annual PM _{2.5} NAAQS?	n/a	n/a	n/a	n/a
Frequency of flow rate verification for manual samplers (PM)	n/a	n/a	n/a	n/a
Frequency of flow rate verification for automated analyzers (PM)	n/a	n/a	n/a	n/a
Frequency of one-point QC check (gaseous)	Weekly	Weekly (4 point w/ GPT)	Weekly (4 point w/ GPT)	Weekly (4 point w/ GPT)
Date of annual performance evaluation (gaseous & meteorological)	03/28/24 06/20/24	03/27/24	03/27/24	03/27/24
Date of two semi-annual flow rate audits (PM)	n/a	n/a	n/a	n/a

Keno+ (continued)				
Pollutant, POC	Trace NO, 1	NOy-NO, 1	NOy, 1	Trace SO ₂ , 1
Primary / QA Collocated / Other	n/a	n/a	n/a	n/a
Parameter code	42601	42612	42600	42401
Basic monitoring objective(s)	Research Support	Research Support	Research Support	NAAQS comparison
Site type(s)	n/a	n/a	n/a	Highest Concentration
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation(s)	NCore	NCore	NCore	NCore
1 (ctwork armation(s)	TAPI T200U with	TAPI T200U with	TAPI T200U with	
Instrument manufacturer / model	501	501	501	TAPI T100U
Method code	699	699	699	600
FRM / FEM / ARM / Other	Other	Other	Other	FEM
Collecting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Analytical Lab	n/a	n/a	n/a	n/a
Reporting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
•				,
Spatial scale Manitoring start data	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date	January 2020 Continuous	January 2020 Continuous	January 2020 Continuous	January 2020 Continuous
Current sampling frequency				
Required sampling frequency	n/a	n/a	n/a	n/a
Sampling season	01/01 - 12/31	01/01 - 12/31	01/01 - 12/31	01/01 - 12/31
Probe height	8.6 meters	8.6 meters	8.6 meters	5.1 meters
Distance from supporting structure	8.6 meters	8.6 meters	8.6 meters	2.0 meters
Distance from obstructions on roof	n/a	n/a	n/a	n/a
Distance from obstructions not on roof	None	None	None	None
Horizontal distance from trees	53.9 meters	53.9 meters	53.9 meters	50.4 meters
Vertical height of tree above probe	6.6 meters	6.6 meters	6.6 meters	10.1 meters
Distance to furnace or incinerator flue	n/a	n/a	n/a	n/a
Distance between collocated monitors	n/a	n/a	n/a	n/a
For low volume PM instruments, is any	n/a	n/a	m/s	**/0
PM instrument within 1 meter?	II/a	n/a	n/a	n/a
For high volume PM instruments, is any	n/a	n/a	n/a	n/a
PM instrument within 2 meters?		11/4		
Unrestricted airflow	360 degrees	360 degrees	360 degrees	360 degrees
Probe material	Teflon	Teflon	Teflon	Teflon
Residence time	8 seconds	8 seconds	8 seconds	6 seconds
Proposed modifications	Yes, see page 10	Yes, see page 10	Yes, see page 10	None
within the next 18 months?	1 cs, see page 10	res, see page 10	1 cs, see page 10	None
Is it suitable for comparison against the annual PM _{2.5} NAAQS?	n/a	n/a	n/a	n/a
Frequency of flow rate verification for manual samplers (PM)	n/a	n/a	n/a	n/a
Frequency of flow rate verification for automated analyzers (PM)	n/a	n/a	n/a	n/a
Frequency of one-point QC check	Weekly	Weekly	Weekly	
(gaseous)	(4 point w/ GPT)	(4 point w/ GPT)	(4 point w/ GPT)	Weekly
Date of annual performance evaluation				03/28/24
(gaseous & meteorological)	03/22/24	03/22/24	03/22/24	06/20/24
Date of two semi-annual flow rate audits (PM)	n/a	n/a	n/a	n/a
(* ***)	· · · · · · · · · · · · · · · · · · ·		I	l

Keno4 (continueu)				
Pollutant, POC	Wind Speed, 1	Wind Direction, 1	Ambient Temperature, 1	Relative Humidity, 1
Primary / QA Collocated / Other	n/a	n/a	n/a	n/a
Parameter code	61101 & 61103	61102 & 61104	62101	62201
D	Research, Public	Research, Public	Research, Public	Research, Public
Basic monitoring objective(s)	Information	Information	Information	Information
Site type(s)	n/a	n/a	n/a	n/a
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation(s)	NCore	NCore	NCore	NCore
Instrument manufacturer / model	Met One 50.5H Met One 30.5	Met One 50.5H Met One 30.5	Met One 063-1	Met One 083E
Method code	071	071	040	061
FRM / FEM / ARM / Other	n/a	n/a	n/a	n/a
Collecting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Analytical Lab	n/a	n/a	n/a	n/a
Reporting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date	January 2020	January 2020	January 2020	January 2020
Current sampling frequency	Continuous	Continuous	Continuous	Continuous
Required sampling frequency	n/a	n/a	n/a	n/a
Sampling season	01/01 – 12/31	01/01 – 12/31	01/01 - 12/31	01/01 - 12/31
Probe height	10.0 meters	10.0 meters	4.4 meters	4.4 meters
Distance from supporting structure	10.0 meters	10.0 meters	1.3 meters	1.3 meters
Distance from obstructions on roof	n/a	n/a		n/a
	None	None	n/a None	None
Distance from obstructions not on roof				
Horizontal distance from trees	53.9 meters	53.9 meters	53.9 meters	53.9 meters
Vertical height of tree above probe	5.2 meters	5.2 meters	10.8 meters	10.8 meters
Distance to furnace or incinerator flue	n/a	n/a	n/a	n/a
Distance between collocated monitors	n/a	n/a	n/a	n/a
For low volume PM instruments, is any PM instrument within 1 meter?	n/a	n/a	n/a	n/a
For high volume PM instruments, is any PM instrument within 2 meters?	n/a	n/a	n/a	n/a
Unrestricted airflow	360 degrees	360 degrees	360 degrees	360 degrees
Probe material	n/a	n/a	n/a	n/a
Residence time	n/a	n/a	n/a	n/a
Proposed modifications	None	None	None	None
within the next 18 months?		<u> </u>		
Is it suitable for comparison against the annual PM _{2.5} NAAQS?	n/a	n/a	n/a	n/a
Frequency of flow rate verification for manual samplers (PM)	n/a	n/a	n/a	n/a
Frequency of flow rate verification for automated analyzers (PM)	n/a	n/a	n/a	n/a
Frequency of one-point QC check (gaseous)	n/a	n/a	n/a	n/a
Date of annual performance evaluation	05/16/24	05/16/24	07/31/24	07/31/24
(gaseous & meteorological)	10/16/24	10/16/24	12/19/24	12/19/24
Date of two semi-annual flow rate audits (PM)	n/a	n/a	n/a	n/a

Located on the NV Energy property at 4110 Delucchi Lane, this site is in a transitional environment between open fields and office buildings.

Site name:	South Reno					
AQS ID:	32-031-0020					
Geographical coordinates:	39° 28.153'N, 119° 46.521'W					
Elevation:	4,449'					
Assessor's Parcel Number:	025-460-35					
Owner:	Sierra Pacific Power Co.					
Location:	Northeast corner of NV Energy campus.					
Street address:	4110 Delucchi Lane Reno, NV 89502					
County:	Washoe					
Distance to road:	37 meters to Delucchi Lane.					
4,233 AADT (2021-2023) (NDOT ATR 0310690 - Neil Road, 515 feet north of Delucchi Lane) 9,167 AADT (2021-2023)						
	(NDOT ATR 0311159 - Airway Drive, south of McCarran Blvd.) ≤900 Approximate AADT (NDOT Estimate – Delucchi Lane)					
Groundcover:	Gravel / Dirt / Vegetated					
Representative area:	Reno-Sparks MSA					
Hydrographic area:	87					

Figure 10
South Reno Monitoring Station



Figure 11 South Reno Monitoring Site Vicinity Aerial



South Reno (continued)

South Reno (Continueu)	ī		Ī	T
Pollutant, POC	O ₃ , 1	Wind Speed, 1	Wind Direction, 1	Ambient Temperature, 1
Primary / QA Collocated / Other	n/a	n/a	n/a	n/a
Parameter code	44201	61101	61102	62101
Basic monitoring objective(s)	NAAQS comparison	Public Information	Public Information	Public Information
Site type(s)	Highest Concentration	n/a	n/a	n/a
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation(s)	n/a	n/a	n/a	n/a
Instrument manufacturer / model	TAPI T400	Met One 50.5H Met One 30.5	Met One 50.5H Met One 30.5	Met One 063-1
Method code	087	071	071	040
FRM / FEM / ARM / Other	FEM	n/a	n/a	n/a
Collecting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Analytical Lab	n/a	n/a	n/a	n/a
Reporting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date	January 1988	January 2014	January 2014	January 2014
Current sampling frequency	Continuous	Continuous	Continuous	Continuous
Required sampling frequency	n/a	n/a	n/a	n/a
Sampling season	01/01 - 12/31	01/01 - 12/31	01/01 – 12/31	01/01 – 12/31
Probe height	3.9 meters	10.0 meters	10.0 meters	5.0 meters
Distance from supporting structure	1.1 meters	10.0 meters	10.0 meters	5.0 meters
Distance from obstructions on roof	n/a	n/a	n/a	n/a
Distance from obstructions not on roof	None	None	None	None
Horizontal distance from trees	27.5 meters	27.2 meters	27.2 meters	27.2 meters
Vertical height of tree above probe	4.8 meters	n/a	n/a	3.7 meters
Distance to furnace or incinerator flue	n/a	n/a	n/a	n/a
Distance between collocated monitors	n/a	n/a	n/a	n/a
For low volume PM instruments, is				
any PM instrument within 1 meter?	n/a	n/a	n/a	n/a
For high volume PM instruments, is	n/o	n/a	n/a	n/a
any PM instrument within 2 meters?	n/a		11/a	II/a
Unrestricted airflow	360 degrees	360 degrees	360 degrees	360 degrees
Probe material	Teflon	n/a	n/a	n/a
Residence time	6 seconds	n/a	n/a	n/a
Proposed modifications within the next 18 months?	Yes, see page 10	Yes, see page 10	Yes, see page 10	Yes, see page 10
Is it suitable for comparison against the annual PM _{2.5} NAAQS?	n/a	n/a	n/a	n/a
Frequency of flow rate verification for manual samplers (PM)	n/a	n/a	n/a	n/a
Frequency of flow rate verification for automated analyzers (PM)	n/a	n/a	n/a	n/a
Frequency of one-point QC check (gaseous)	Bi-weekly (3 point)	n/a	n/a	n/a
Date of annual performance evaluation (gaseous & meteorological)	03/25/24	None	None	09/27/24
Date of two semi-annual flow rate audits (PM)	n/a	n/a	n/a	n/a

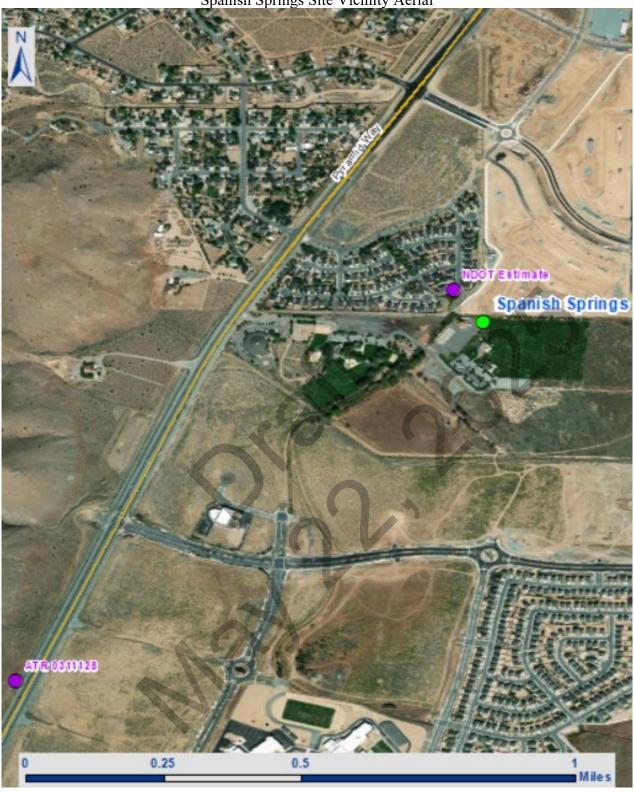
Located on the north side of Lazy 5 Regional Park in Spanish Springs, this site is located outside of HA 87. It is in a transitional area between open rangeland, residential areas, and the Washoe County Public Library. The Spanish Springs site began monitoring O₃, PM₁₀, PM_{2.5}, and PM_{10-2.5} as a SPM on January 1, 2017, and was converted to a SLAMS on July 1, 2018. It began monitoring wind speed, wind direction, and ambient temperature as a SPM on January 1, 2019, and was converted to a SLAMS on January 1, 2020.

Site name:	Spanish Springs				
AQS ID:	32-031-1007				
Geographical coordinates:	39°37.287' N, 119°43.124' W				
Elevation:	4,485'				
Assessor's Parcel Number:	083-024-06				
Owner:	Washoe County				
Location:	North side of Lazy 5 Regional Park.				
Street address:	7200 Pyramid Way Sparks, NV 89436				
County:	Washoe				
Distance to road:	460 meters to Pyramid Hwy and 99 meters to Aquene Court.				
Traffic count:	40,667 AADT (2021-2023) (NDOT ATR 0311128 – SR445 (Pyramid Hwy), 0.25 miles north of Sparks Blvd.) ≤900 Approximate AADT (NDOT Estimate – Aquene Court)				
Groundcover:	Paved / Vegetated				
Representative area:	Reno-Sparks MSA				
Hydrographic area:	85				

Figure 12
Spanish Springs Monitoring Station



Figure 13 Spanish Springs Site Vicinity Aerial



Spanish Springs (continued)

Spanish Springs (continued)				
Pollutant, POC	PM ₁₀ , 1	PM _{2.5} , 1	PM _{10-2.5} , 1	O ₃ , 1
Primary / QA Collocated / Other	Primary	Primary	Primary	n/a
Parameter code	81102 & 85101	88101	86101	44201
Basic monitoring objective(s)	NAAQS comparison	NAAQS comparison	Research Support	NAAQS comparison
Site type(s)	Population Exposure	Population Exposure	n/a	Highest Concentration
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation(s)	n/a	n/a	n/a	n/a
Instrument manufacturer / model	Met One BAM 1020	Met One BAM 1020	Met One BAM 1020 Coarse Pair	TAPI T400
Method code	122	170	185	087
FRM / FEM / ARM / Other	FEM	FEM	FEM	FEM
Collecting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Analytical Lab	n/a	n/a	n/a	n/a
Reporting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date	January 2017	January 2017	January 2017	January 2017
Current sampling frequency	Continuous	Continuous	Continuous	Continuous
Required sampling frequency	n/a	n/a	n/a	n/a
Sampling season	01/01 – 12/31	01/01 - 12/31	01/01 – 12/31	01/01 - 12/31
Probe height	5.0 meters	5.1 meters	5.1 meters	3.9 meters
		2.2 meters		
Distance from supporting structure	2.1 meters		2.2 meters	1.0 meters
Distance from obstructions on roof	n/a	n/a	n/a	n/a
Distance from obstructions not on roof	n/a	n/a	n/a	n/a
Horizontal distance from trees	34 meters	35 meters	33 meters	35 meters
Vertical height of tree above probe	1.6 meters	1.5 meters	1.5 meters	2.7 meters
Distance to furnace or incinerator flue	n/a	n/a	n/a	n/a
Distance between collocated monitors	n/a	n/a	n/a	n/a
For low volume PM instruments, is any PM instrument within 1 meter?	No	No	No	n/a
For high volume PM instruments, is any PM instrument within 2 meters?	n/a	n/a	n/a	n/a
Unrestricted airflow	360 degrees	360 degrees	360 degrees	360 degrees
Probe material	n/a	n/a	n/a	Teflon
Residence time	n/a	n/a	n/a	6 seconds
Proposed modifications within the next 18 months?	None	None	None	None
Is it suitable for comparison against the annual PM _{2.5} NAAQS?	n/a	Yes	n/a	n/a
Frequency of flow rate verification for manual samplers (PM)	n/a	n/a	n/a	n/a
Frequency of flow rate verification for automated analyzers (PM)	Bi-weekly and quarterly audits	Bi-weekly and quarterly audits	Bi-weekly and quarterly audits	n/a
Frequency of one-point QC check (gaseous)	n/a	n/a	n/a	Bi-weekly (3 point)
Date of annual performance evaluation (gaseous & meteorological)	n/a	n/a	n/a	03/26/24 06/13/24 11/21/24
Date of two semi-annual flow rate audits (PM)	02/16/24 05/3/24 08/29/24 12/02/24	02/16/24 05/3/24 08/29/24 12/02/24	02/16/24 05/3/24 08/29/24 12/02/24	n/a

Spanish Springs (continued)

Spanish Springs (continued)		_		
Pollutant, POC	Wind Speed, 1	Wind Direction, 1	Ambient	
Primary / QA Collocated / Other	n/a	n/a	Temperature, 1 n/a	
Parameter code	61101	61102	62101	
Basic monitoring objective(s)	Public Information	Public Information	Public Information	
Site type(s)	n/a	n/a	n/a	
Monitor type	SLAMS	SLAMS	SLAMS	
Network affiliation(s)	n/a	n/a	n/a	
	Met One 50.5H	Met One 50.5H	II/ a	
Instrument manufacturer / model	Met One 30.511	Met One 30.511	Met One 063-1	
Method code	071	071	040	
FRM / FEM / ARM / Other	n/a	n/a	n/a	
Collecting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	
Analytical Lab	n/a	n/a	n/a	
Reporting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	
Spatial scale	Neighborhood	Neighborhood	Neighborhood	
Monitoring start date	January 2019	January 2019	January 2019	
Current sampling frequency	Continuous	Continuous	Continuous	
Required sampling frequency	n/a	n/a	n/a	
Sampling season	01/01 - 12/31	01/01 – 12/31	01/01 - 12/31	
Probe height	10.0 meters	10.0 meters	4.0 meters	
Distance from supporting structure	10.0 meters	10.0 meters	1.1 meters	
Distance from obstructions on roof	n/a	n/a	n/a	
Distance from obstructions not on	None	None	None	
roof	None	None	None	
Horizontal distance from trees	35 meters	35 meters	33 meters	
Vertical height of tree above probe	n/a	n/a	2.6 meters	
Distance to furnace or incinerator flue	n/a	n/a	n/a	
Distance between collocated monitors	n/a	n/a	n/a	
For low volume PM instruments, is	n/a	n/a	n/a	
any PM instrument within 1 meter?	II/ d	II/ d	That the same of t	
For high volume PM instruments, is	n/a	n/a	n/a	
any PM instrument within 2 meters?	260.1	260.4	260.1	
Unrestricted airflow	360 degrees	360 degrees	360 degrees	
Probe material	n/a	n/a n/a	n/a	
Residence time Proposed modifications	n/a	n/a	n/a	
within the next 18 months?	None	None	None	
Is it suitable for comparison against				
the annual PM _{2.5} NAAQS?	n/a	n/a	n/a	
Frequency of flow rate verification for			,	
manual samplers (PM)	n/a	n/a	n/a	
Frequency of flow rate verification for		/	/	
automated analyzers (PM)	n/a	n/a	n/a	
Frequency of one-point QC check	n/a	n/a	n/a	
(gaseous)	11/2	11/ 8	11/a	
Date of annual performance	10/10/24	10/10/24	08/29/24	
evaluation (gaseous & meteorological)	10/10/21	10/10/21	00/27/21	
Date of two semi-annual flow rate	n/a	n/a	n/a	
audits (PM)	1 12	1		

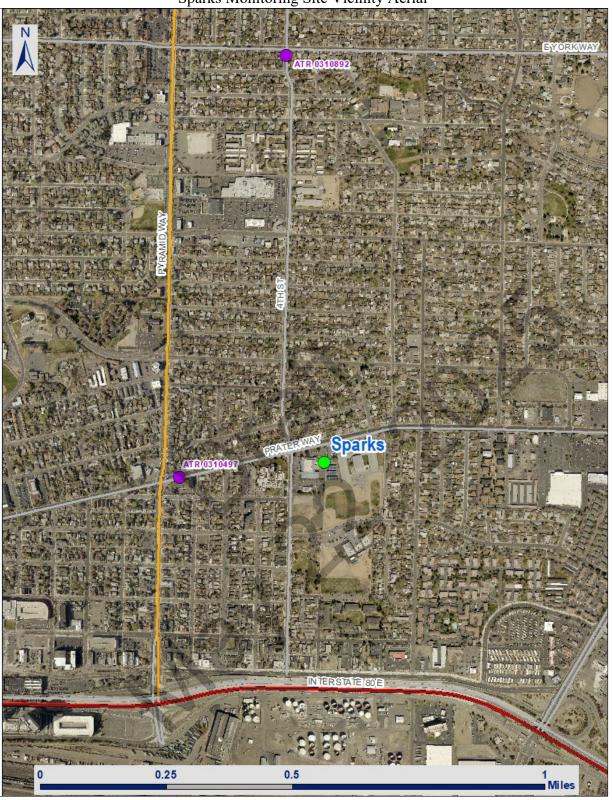
The Sparks site is located on US Postal Service property at 750 Fourth Street. The site is surrounded by commercial property, a residential neighborhood and is adjacent to Dilworth Middle School. In 2007 the Sparks site was moved approximately 55 meters north of its previous location, due to tree growth affecting siting criteria.

Site name:	Sparks
AQS ID:	32-031-1005
Geographical coordinates:	39° 32.455'N, 119° 44.806'W
Elevation:	4,409'
Assessor's Parcel Number:	033-253-04
Owner:	United States Postal Service
Location:	East end of US Postal Service back parking lot.
Street address:	750 4 th Street Sparks, NV 89431
County:	Washoe
Distance to road:	50 meters to Prater Way and 103 meters to 4 th Street.
Traffic count:	13,200 AADT (2021-2023) (NDOT ATR 0310497 - Prater Way, 100 feet east of Pyramid Way) 1,750 AADT (2021-2023) (NDOT ATR 0310892 - 4th Street, 123 feet north of Tasker Way & 129 feet south of York Way)
Groundcover:	Paved / Vegetated / Decomposed Granite
Representative area:	Reno-Sparks MSA
Hydrographic area:	87

Figure 14
Sparks Monitoring Station



Figure 15 Sparks Monitoring Site Vicinity Aerial



Sparks (continued)

Sparks (continued)				
Pollutant, POC	PM ₁₀ , 4 & 3	PM _{2.5} , 1	PM _{10-2.5} , 1	O ₃ , 1
Primary / QA Collocated / Other	Primary	Primary	Primary	n/a
Parameter code	81102 & 85101	88101	86101	44201
Basic monitoring objective(s)	NAAQS comparison	NAAQS comparison	Research Support	NAAQS comparison
Site type(s)	Population Exposure	Highest Concentration	n/a	Population Exposure
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation(s)	n/a	n/a	n/a	n/a
Instrument manufacturer / model	Met One BAM 1020	Met One BAM 1020	Met One BAM 1020 Coarse Pair	TAPI T400
Method code	122	170	185	087
FRM / FEM / ARM / Other	FEM	FEM	FEM	FEM
Collecting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Analytical Lab	n/a	n/a	n/a	n/a
Reporting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date	April 1988	January 2012	July 2014	January 1979
Current sampling frequency	Continuous	Continuous	Continuous	Continuous
Required sampling frequency	n/a	n/a	n/a	n/a
Sampling season	01/01 – 12/31	01/01 – 12/31	01/01 – 12/31	01/01 – 12/31
Probe height	4.9 meters	5.0 meters	4.9 meters	4.6 meters
Distance from supporting structure	2.1 meters	2.1 meters	2.1 meters	1.7 meters
Distance from obstructions on roof	n/a	n/a	n/a	n/a
Distance from obstructions on roof	None	None	None	None
Horizontal distance from trees	34.9 meters	34.9 meters	34.9 meters	35.4 meters
Vertical height of tree above probe	12.5 meters	12.4 meters	12.5 meters	12.8 meters
Distance to furnace or incinerator flue	n/a	n/a	n/a	n/a
Distance between collocated monitors	n/a	n/a	n/a	n/a
For low volume PM instruments, is any	II/a	11/a	11/4	11/a
PM instrument within 1 meter?	No	No	No	n/a
For high volume PM instruments, is any PM instrument within 2 meters?	n/a	n/a	n/a	n/a
Unrestricted airflow	360 degrees	360 degrees	360 degrees	360 degrees
Probe material	n/a	n/a	n/a	Teflon
Residence time	n/a	n/a	n/a	7 seconds
Proposed modifications within the next 18 months?	None	None	None	None
Is it suitable for comparison against the annual PM _{2.5} NAAQS?	n/a	Yes	n/a	n/a
Frequency of flow rate verification for manual samplers (PM)	n/a	n/a	n/a	n/a
Frequency of flow rate verification for automated analyzers (PM)	Bi-weekly and quarterly audits	Bi-weekly and quarterly audits	Bi-weekly and quarterly audits	n/a
Frequency of one-point QC check (gaseous)	n/a	n/a	n/a	Bi-weekly (3 point)
Date of annual performance evaluation (gaseous & meteorological)	n/a	n/a	n/a	03/26/24 06/12/24 09/18/24
Date of two semi-annual flow rate audits (PM)	01/25/24 05/03/24 08/29/24 12/02/24	01/25/24 05/03/24 08/29/24 12/02/24	01/25/24 05/03/24 08/29/24 12/02/24	n/a

Sparks (continued)

		ı	
Pollutant, POC	Wind Speed, 1	Wind Direction, 1	Ambient Temperature, 1
Primary / QA Collocated / Other	n/a	n/a	n/a
Parameter code	61101	61102	62101
Basic monitoring objective(s)	Public Information	Public Information	Public Information
Site type(s)	n/a	n/a	n/a
Monitor type	SLAMS	SLAMS	SLAMS
Network affiliation(s)	n/a	n/a	n/a
Instrument manufacturer / model	Met One 30.5	Met One 30.5	Met One 063-1
Method code	071	071	040
FRM / FEM / ARM / Other	n/a	n/a	n/a
Collecting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Analytical Lab	n/a	n/a	n/a
Reporting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Spatial scale	Neighborhood	Neighborhood	Neighborhood
Monitoring start date	January 2014	January 2014	January 2014
Current sampling frequency	Continuous	Continuous	Continuous
Required sampling frequency	n/a		
	01/01 – 12/31	n/a 01/01 – 12/31	n/a 01/01 – 12/31
Sampling season			
Probe height	10.0 meters	10.0 meters	5.0 meters
Distance from supporting structure	10.0 meters	10.0 meters	5.0 meters
Distance from obstructions on roof	n/a	n/a	n/a
Distance from obstructions not on roof	None None		None
Horizontal distance from trees	38.5 meters	38.5 meters	38.5 meters
Vertical height of tree above probe	7.4 meters	7.4 meters	12.4 meters
Distance to furnace or incinerator flue	n/a	n/a	n/a
Distance between collocated monitors	n/a	n/a	n/a
For low volume PM instruments, is any	n/a	n/a	n/a
PM instrument within 1 meter?	II/ U	II/ U	II u
For high volume PM instruments, is any	n/a	n/a	n/a
PM instrument within 2 meters?			
Unrestricted airflow	360 degrees	360 degrees	360 degrees
Probe material	n/a	n/a	n/a
Residence time	n/a	n/a	n/a
Proposed modifications within the next 18 months?	None	None	None
Is it suitable for comparison against the annual PM _{2.5} NAAQS?	n/a	n/a	n/a
Frequency of flow rate verification for	n/a	n/a	n/a
manual samplers (PM)		V	"
Frequency of flow rate verification for automated analyzers (PM)	n/a	n/a	n/a
Frequency of one-point QC check (gaseous)	n/a	n/a	n/a
Date of annual performance evaluation (gaseous & meteorological)	n/a	n/a	08/29/24
Date of two semi-annual flow rate audits (PM)	n/a	n/a	n/a

The Toll Road site is located at 684A State Route 341 (Geiger Grade), one-half mile east of US Highway 395. The site is near the edge of a residential neighborhood and adjacent to an area that is becoming commercially developed with an apartment complex and storage units. The Toll site began monitoring $PM_{2.5}$ and $PM_{10-2.5}$ on January 1, 2019, and was converted to a SLAMS on January 1, 2020.

Site name:	Toll			
AQS ID:	32-031-0025			
Geographical coordinates:	39° 23.990'N, 119° 44.376'W			
Elevation:	4,570'			
Assessor's Parcel Number:	017-011-22			
Owner:	Washoe County School District Board			
Location:	North end of Washoe County School District parking lot.			
Street address:	684A State Route 341 Reno, NV 89521			
County:	Washoe			
Distance to road:	21 meters to SR341 (Geiger Grade Road).			
Traffic count:	8,817 AADT (2021-2023) (NDOT ATR 0310137 - SR 341, 0.4 miles east of US 395)			
Groundcover:	Paved parking lot			
Representative area:	Reno-Sparks MSA			
Hydrographic area:	87			

Figure 16
Toll Monitoring Station



Figure 17 Toll Monitoring Site Vicinity Aerial



Toll (continued)

1 oii (continuea)				
Pollutant, POC	PM ₁₀ , 2	PM _{2.5} , 1	PM _{10-2.5} , 1	O ₃ , 1
Primary / QA Collocated / Other	Primary	Primary	Primary	n/a
Parameter code	81102 & 85101	88101	86101	44201
Basic monitoring objective(s)	NAAQS comparison	NAAQS comparison	Research Support	NAAQS comparison
Site type(s)	Highest Concentration	Population Exposure	n/a	Population Exposure
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation(s)	n/a	n/a	n/a	n/a
Instrument manufacturer / model	Met One BAM 1020	Met One BAM 1020	Met One BAM 1020 Coarse Pair	TAPI 400E
Method code	122	170	185	087
FRM / FEM / ARM / Other	FEM	FEM	FEM	FEM
Collecting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Analytical Lab	n/a	n/a	n/a	n/a
Reporting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date	March 1996	January 2019	January 2019	March 1996
Current sampling frequency	Continuous	Continuous	Continuous	Continuous
Required sampling frequency	n/a	n/a	n/a	n/a
Sampling season	01/01 – 12/31	01/01 – 12/31	01/01 – 12/31	01/01 – 12/31
Probe height	5.0 meters	5.1 meters	5.0 meters	4.0 meters
Distance from supporting structure	2.1 meters	2.2 meters	2.1 meters	1.2 meters
Distance from obstructions on roof	n/a	n/a	n/a	n/a
Distance from obstructions on roof	II/a	11/ a	II/a	
roof	None	None	None	None
Horizontal distance from trees	8.3 meters	10.3 meters	8.3 meters	9.5 meters
Vertical height of tree above probe	0.3 meters	0.2 meters	0.3 meters	1.3 meters
Distance to furnace or incinerator flue	n/a	n/a	n/a	n/a
Distance between collocated monitors	n/a	n/a	n/a	n/a
For low volume PM instruments, is any PM instrument within 1 meter?	No	No	No	n/a
For high volume PM instruments, is any PM instrument within 2 meters?	n/a	n/a	n/a	n/a
Unrestricted airflow	360 degrees	360 degrees	360 degrees	360 degrees
Probe material	n/a	n/a	n/a	Teflon
Residence time	n/a	n/a	n/a	7 seconds
Proposed modifications within the next 18 months?	None	None	None	None
Is it suitable for comparison against the annual PM _{2.5} NAAQS?	n/a	Yes	n/a	n/a
Frequency of flow rate verification for manual samplers (PM)	n/a	n/a	n/a	n/a
Frequency of flow rate verification for automated analyzers (PM)	Bi-weekly and quarterly audits	Bi-weekly and quarterly audits	Bi-weekly and quarterly audits	n/a
Frequency of one-point QC check (gaseous)	n/a	n/a	n/a	Bi-weekly (3 point)
Date of annual performance evaluation (gaseous & meteorological)	n/a	n/a	n/a	03/25/24 06/11/24 11/21/24
Date of two semi-annual flow rate audits (PM)	03/21/24 06/26/24 09/23/24 12/16/24	03/21/24 06/26/24 09/23/24 12/16/24	03/21/24 06/26/24 09/23/24 12/16/24	n/a

Toll (continued)

Toll (continued)				
Pollutant, POC	Wind Speed, 1	Wind Direction, 1	Ambient Temperature, 1	
Primary / QA Collocated / Other	n/a	n/a	n/a	
Parameter code	61101	61102	62101	
Basic monitoring objective(s)	Public Information	Public Information	Public Information	
Site type(s)	n/a	n/a	n/a	
Monitor type	SLAMS	SLAMS	SLAMS	
Network affiliation(s)	n/a	n/a	n/a	
Instrument manufacturer / model	Met One 50.5H	Met One 50.5H	Met One 063-1	
Instrument manufacturer / model	Met One 30.5	Met One 30.5	Met One 003-1	
Method code	071	071	040	
FRM / FEM / ARM / Other	n/a	n/a	n/a	
Collecting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	
Analytical Lab	n/a	n/a	n/a	
Reporting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	
Spatial scale	Neighborhood	Neighborhood	Neighborhood	
Monitoring start date	January 2014	January 2014	January 2014	
Current sampling frequency	Continuous	Continuous	Continuous	
Required sampling frequency	n/a	n/a	n/a	
Sampling season	01/01 - 12/31	01/01 - 12/31	01/01 - 12/31	
Probe height	10.0 meters	10.0 meters	4.5 meters	
Distance from supporting structure	10.0 meters	10.0 meters	4.5 meters	
Distance from obstructions on roof	n/a	n/a	n/a	
Distance from obstructions not on				
roof	None	None	None	
Horizontal distance from trees	8.4 meters	8.4 meters	8.4 meters	
Vertical height of tree above probe	n/a	n/a	0.8 meters	
Distance to furnace or incinerator flue	n/a	n/a	n/a	
Distance between collocated monitors	n/a	n/a	n/a	
For low volume PM instruments, is	, ,			
any PM instrument within 1 meter?	n/a	n/a	n/a	
For high volume PM instruments, is	n/2	/-	7/2	
any PM instrument within 2 meters?	n/a	n/a	n/a	
Unrestricted airflow	360 degrees	360 degrees	360 degrees	
Probe material	n/a	n/a	n/a	
Residence time	n/a	n/a	n/a	
Proposed modifications	None	None	None	
within the next 18 months?	None	TVOIIC	None	
Is it suitable for comparison against the annual PM _{2.5} NAAQS?	n/a	n/a	n/a	
Frequency of flow rate verification for	,	,	,	
manual samplers (PM)	n/a	n/a	n/a	
Frequency of flow rate verification for		,	,	
automated analyzers (PM)	n/a	n/a	n/a	
Frequency of one-point QC check	20/2	n/a	n/2	
(gaseous)	n/a	n/a	n/a	
Date of annual performance	None	None	11/21/24	
evaluation (gaseous & meteorological)	INUITE	TAOHE	11/21/24	
Date of two semi-annual flow rate	n/a	n/a	n/a	
audits (PM)	. = "	"		



Public Health

Air Quality

Please contact Craig Petersen for questions and comments at, cpetersen@nnph.org

Appendix A Public Inspection Plan



Public Inspection Plan

The Northern Nevada Public Health issued a press release in English on May 22, 2025, and a press release in Spanish on May 22, 2025, to inform the public of the annual network plan comment period. The press releases provided a web link to the draft plan and explained how to submit written comments during the comment period. A copy of the press releases, all comments received during the comment period, and AQMD's response to the comments are included below.







Appendix B 58.14 Network Modification Request for South Reno and Verdi SLAMS





May 22, 2025

Dena Vallano Manager, Air Quality Analysis Office U.S. Environmental Protection Agency, Region 9 75 Hawthorne Street, AIR-7 San Francisco, CA 94105

Subject: Proposed Modification to the Northern Nevada Public Health, Air Quality

Management Division Ambient Air Monitoring Network

Dear Ms. Vallano:

Pursuant to 40 CFR 58.14, the Northern Nevada Public Health, Air Quality Management Division (AQMD) requests review and approval for a modification to the existing ambient air monitoring network. The AQMD is proposing to:

- 1. Close the South Reno State and Local Air Monitoring Station (SLAMS) (AQS ID 32-031-0020) including discontinuation of all monitors (Ozone and meteorology); and
- 2. Initiate a SLAMS (proposed AQS ID 32-031-2010) in the Verdi area of western Washoe County to monitor Ozone, PM_{10} , $PM_{2.5}$, $PM_{10-2.5}$, and meteorology.

If you require additional information, feel free to contact me or Mr. Matt McCarthy at (775) 784-7205.

Sincerely,

Craig Petersen

Supervisor, Monitoring and Planning Air Quality Management Division Northern Nevada Public Health

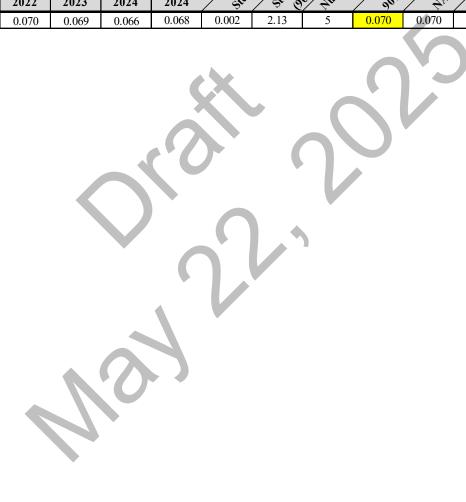
cc: Laura Barry, EPA Region 9
Matt McCarthy, AQMD
Francisco Vega, AQMD

Attachment A

40 CFR 58.14(c)(1) Criteria Test for the South Reno Ozone Monitor



			Des	ign Value	s (2020-20	024)									
		Year 1	Year 2	Year 3	Year 4	Year 5	Ave D.V.								
Parame	Averaging ter Times	2020	2021	2022	2023	2024	2020- 2024	Ştd.	Jex. (3)	3 1 value ence	· /	Copper C1	05 800/0	AAA OS	
O3 (pp	m) 8-hr	0.067	0.068	0.070	0.069	0.066	0.068	0.002	2.13	5	0.070	0.070	0.056	FAIL	



Attachment B

Closure of the South Reno SLAMS including discontinuing Ozone monitoring



Ozone

Although the discontinuation of ozone monitoring at the South Reno SLAMS does not pass the criteria test described in 40 CFR 58.14(c)(1), AQMD is requesting discontinuation based on the following:

- 1. The monitor has had design values at or below the 2015 NAAQS during the previous five years (2020-2024).
- 2. The monitor is not the only ozone monitor in Washoe County. Ozone monitoring will continue at seven SLAMS including the proposed Verdi SLAMS.
- 3. The population that is currently served by the South Reno ozone monitor, will still be served by Toll, Sparks, and Reno4 ozone monitors which are all less than 6 miles away.
- 4. Ozone concentrations at the South Reno SLAMS correlate well to the Toll, Sparks, and Reno4 monitors that will serve the population that South Reno currently serves.
- 5. The monitor is not required and is not the last within a nonattainment or maintenance area. All of Washoe County is designated as attainment for all ozone NAAQS. Washoe County is not a maintenance area for any ozone NAAQS.
- 6. The other requirements of Appendix D will continue to be met.
- 7. Table 1 references the minimum monitoring requirements for Ozone for our current population.

Table 1
Minimum Monitoring Requirements for O₃

	within with the first test and the second test of t						
			8-hour D	esign Value (2022-2024)	Num	ber of Si	ites
					Minimum		
MSA	County	Population	ppm	Site (ID)	Required	Active	Needed
Reno- Sparks	Washoe Storey Total	513,854 <u>4,457</u> 518,311	0.066	South Reno (0020) Spanish Springs (1007) Incline (2002) Lemmon Valley (2009)	2	7	0

Attachment C

Initiation of a SLAMS in Verdi to monitor Ozone, PM_{10} , $PM_{2.5}$, $PM_{10\text{-}2.5}$, and Meteorology



Initiation of a SLAMS in the Verdi area (Western Washoe County)

Initiating a SLAMS to monitor Ozone, PM_{10} , $PM_{2.5}$, $PM_{10-2.5}$, and Meteorology is based on 40 CFR 58.14(b). The AQMD is requesting approval of the Verdi SLAMS to be in conjunction with the discontinuation of the South Reno SLAMS. The points below support the AQMD request.

- 1. A SLAMS in the Verdi area is a recommendation in the 2020 and 2025 Network Assessments.
- On May 11, 2023, AQMD received a \$213,204 Enhanced Air Quality Monitoring for Communities Award from EPA for the establishment of the new monitoring station in Verdi.
- 3. In conjunction with the proposed South Reno SLAMS closure, the overall balance of the PM and ozone network Area Served and Population Served distributions will be improved.
- 4. In conjunction with the proposed South Reno SLAMS closure, the AQMD will be able to maintain staffing and budgetary capacity.
- 5. AQMD has received formal approval from the Washoe County School District (WCSD) to establish a SLAMS at the Verdi Elementary School in Verdi. In addition to WCSD approval, AQMD has received approval for rights of entry from Truckee Meadows Water Authority (TMWA). TMWA owns the road to access 180 Bridge St. Verdi, NV (APN 038-060-46) for which will be entry point of the Verdi SLAMS.
- 6. The proposed location will not prohibit any planned future development included in the Washoe County School District Master Plan.

Figure 1
Proposed Changes to Washoe County Monitoring Network Legend o Incline Public Health Air Quality

Proposed Verdi SLAMS Detailed Site Information

Site Name:	Verdi
AQS ID:	32-031-2010
Geographical coordinates:	39° 31.257' N, 119° 59.309' W
Elevation:	4,895'
Assessor's Parcel Number:	038-060-27
Owner:	Washoe County School District Board
Location:	South side of Verdi Elementary School
Street address:	180 Bridge St. Verdi, NV 89439
County:	Washoe
Distance to road:	190 meters to SR425 E, 23 meters to Power House Rd.
Traffic count:	2500 AADT (2021-2023) (NDOT ATR 0310012 – SR425 E, 155' W of Second St.)
Groundcover:	Decomposed Granite
Representative area:	Reno-Sparks MSA
Hydrographic Area	91

Figure 2
Proposed Verdi SLAMS (looking north)



Proposed Verdi SLAMS

Proposed Verdi SLAMS				
Pollutant, POC	PM ₁₀ , 1	PM _{2.5} , 1	PM _{10-2.5} , 1	O ₃ , 1
Primary / QA Collocated / Other	Primary	Primary	Primary	n/a
Parameter code	81102 & 85101	88101	86101	44201
Destruction that the district	NAAQS	NAAQS	D 1.C 4	NAAQS
Basic monitoring objective(s)	comparison	comparison	Research Support	comparison
64.4(0)	Population	Population	/	Population
Site type(s)	Exposure	Exposure	n/a	Exposure
Monitor type	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation(s)	n/a	n/a	n/a	n/a
· ·	Met One BAM	Met One BAM	Met One BAM	
Instrument manufacturer / model	1020	1020	1020 Coarse Pair	TAPI T400
Method code	122	170	185	087
FRM / FEM / ARM / Other	FEM	FEM	FEM	FEM
Collecting Agency	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Analytical Lab	n/a	n/a	n/a	n/a
	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD	NNPH - AQMD
Reporting Agency				
Spatial scale	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date	01/01/2026 (est)	01/01/2026 (est)	01/01/2026 (est)	01/01/2026 (est)
Current sampling frequency	Continuous	Continuous	Continuous	Continuous
Required sampling frequency	n/a	n/a	n/a	n/a
Sampling season	01/01 – 12/31	01/01 – 12/31	01/01 - 12/31	01/01 – 12/31
Probe height	4.7 meters	4.7 meters	4.7 meters	4.8 meters
Distance from supporting structure	2.0 meters	2.0 meters	2.0 meters	2.1 meters
Distance from obstructions on roof	n/a	n/a	n/a	n/a
Distance from obstructions not on	n/a	m/o	w/s	m/o
roof	11/a	n/a	n/a	n/a
Horizontal distance from trees	n/a	n/a	n/a	n/a
Vertical height of tree above probe	n/a	n/a	n/a	n/a
Distance to furnace or incinerator		/-	/-	/-
flue	n/a	n/a	n/a	n/a
Distance between collocated	n/a	n/a	n/a	n/a
monitors	11/ a	11/4	II/ a	11/ a
For low volume PM instruments, is	No	No	No	n/a
any PM instrument within 1 meter?	NO	INO	INO	II/a
For high volume PM instruments, is	V			
any PM instrument within 2	n/a	n/a	n/a	n/a
meters?				
Unrestricted airflow	360 degrees	360 degrees	360 degrees	360 degrees
Probe material	n/a	n/a	n/a	Teflon
Residence time	n/a	n/a	n/a	6 seconds
Proposed modifications	n/a	n/a	n/a	n/a
within the next 18 months?	. II/a	II/ d	II/ a	II/ a
Is it suitable for comparison against	n/a	Yes	n/a	n/a
the annual PM _{2.5} NAAQS?	11/ α	1 03	11/ α	11/ α
Frequency of flow rate verification	n/a	n/a	n/a	n/a
for manual samplers (PM)				11/4
Frequency of flow rate verification	Bi-weekly and	Bi-weekly and	Bi-weekly and	n/a
for automated analyzers (PM)	quarterly audits	quarterly audits	quarterly audits	
Frequency of one-point QC check	n/a	n/a	n/a	Bi-weekly (3
(gaseous)	12 W	12.44		point)
Date of annual performance	,	,	,	,
evaluation (gaseous &	n/a	n/a	n/a	n/a
meteorological)				
Date of two semi-annual flow rate	n/a	n/a	n/a	n/a
audits (PM)	==	==		=

Proposed Verdi SLAMS

Primary / QA Collocated / Other	Proposed veral SLAMS		T	T
Primary / QA Collocated / Other Parameter code G1101 G1102 G2101 Basic monitoring objective(s) Public Information Publi	Pollutant, POC	Wind Speed, 1	Wind Direction, 1	Ambient Temperature, 1
Parameter code Basic monitoring objective(s) Public Information	Primary / OA Collocated / Other	n/a	n/a	
Basic monitoring objective(s) Public Information N/a n				
Site type(s)		Public Information	Public Information	Public Information
Monitor type				
Network affiliation(s)				
Instrument manufacturer / model Met One 30.5 Met One 30.5 Met One 063-1 Method code				
Method code				
FRM / FEM / ARM / Other				
Collecting Agency				V . V
Analytical Lab				
Reporting Agency NNPH - AQMD NNPH - AQMD NPH - AQMD North North Neighborhood Nei				
Spatial scale Neighborhood Neighborhood Monitoring start date O1/01/2026 (est) O1/01/2026 (est)				
Monitoring start date				
Current sampling frequency Continuous Required sampling frequency n/a n/a		U		
Required sampling frequency				
Sampling season				
Probe height 10.0 meters 10.0 meters 5.0 meters Distance from supporting structure 10.0 meters 10.0 meters 5.0 meters 5.0 meters Distance from obstructions on roof n/a n/a n/a n/a n/a noof noof None None None None None None Horizontal distance from trees n/a				
Distance from supporting structure Distance from obstructions on roof Distance from obstructions not on roof None None None None None None None None				
Distance from obstructions on roof Distance from obstructions not on roof None None None None None None None None		4		
Distance from obstructions not on roof None None None None				
None None None None None None None None Horizontal distance from trees n/a		n/a	n/a	n/a
Vertical height of tree above probe n/a n/		None	None	None
Distance to furnace or incinerator flue Distance between collocated monitors For low volume PM instruments, is any PM instrument within 1 meter? For high volume PM instruments, is any PM instrument within 2 m/a n/a n/a n/a n/a n/a m/a m/a m/a m/a m/a m/a m/a m/a m/a m	Horizontal distance from trees	n/a	n/a	n/a
flue Distance between collocated monitors n/a	Vertical height of tree above probe	n/a	n/a	n/a
Distance between collocated monitors For low volume PM instruments, is any PM instrument within 1 meter? For high volume PM instruments, is any PM instrument within 2 m/a n/a n/a n/a n/a m/a m/a m/a m/a m/a m/a m/a m/a m/a m	Distance to furnace or incinerator	n/a	n/a	n/a
For low volume PM instruments, is any PM instrument within 1 meter? For high volume PM instruments, is any PM instrument within 2 m/a n/a n/a n/a n/a meters? Unrestricted airflow 360 degrees 360 degrees 360 degrees Probe material n/a	Distance between collocated	n/a	n/a	n/a
any PM instrument within 1 meter? For high volume PM instruments, is any PM instrument within 2 m/a n/a n/a n/a n/a meters? Unrestricted airflow 360 degrees 360 degrees 360 degrees Probe material n/a				
For high volume PM instruments, is any PM instrument within 2 meters? Unrestricted airflow 360 degrees 360 degrees 360 degrees Probe material n/a n/a n/a n/a Residence time n/a n/a n/a n/a Proposed modifications within the next 18 months? Is it suitable for comparison against the annual PM2.5 NAAQS? Frequency of flow rate verification for manual samplers (PM) Frequency of flow rate verification for automated analyzers (PM) Frequency of one-point QC check (gaseous) Date of annual performance evaluation (gaseous & n/a n/a n/a n/a n/a n/a n/a		n/a	n/a	n/a
any PM instrument within 2				
Unrestricted airflow Probe material N/a Residence time N/a	any PM instrument within 2	n/a	n/a	n/a
Probe material n/a n/a n/a n/a Residence time n/a n/a n/a n/a Proposed modifications within the next 18 months? Is it suitable for comparison against the annual PM2.5 NAAQS? Frequency of flow rate verification for manual samplers (PM) Frequency of flow rate verification for automated analyzers (PM) Frequency of one-point QC check (gaseous) Date of annual performance evaluation (gaseous & n/a n/a n/a n/a n/a n/a		360 degrees	360 degrees	360 degrees
Residence time n/a n/a n/a n/a Proposed modifications within the next 18 months? Is it suitable for comparison against the annual PM2.5 NAAQS? Frequency of flow rate verification for manual samplers (PM) Frequency of flow rate verification for automated analyzers (PM) Frequency of one-point QC check (gaseous) Date of annual performance evaluation (gaseous & n/a n/a n/a n/a n/a n/a				
Proposed modifications within the next 18 months? Is it suitable for comparison against the annual PM2.5 NAAQS? Frequency of flow rate verification for manual samplers (PM) Frequency of flow rate verification for automated analyzers (PM) Frequency of one-point QC check (gaseous) Date of annual performance evaluation (gaseous & n/a n/a n/a n/a n/a n/a n/a				
within the next 18 months? Is it suitable for comparison against the annual PM2.5 NAAQS? Frequency of flow rate verification for manual samplers (PM) Frequency of flow rate verification for automated analyzers (PM) Frequency of one-point QC check (gaseous) Date of annual performance evaluation (gaseous & n/a n/a n/a n/a n/a n/a				
the annual PM2.5 NAAQS? Frequency of flow rate verification for manual samplers (PM) Frequency of flow rate verification for automated analyzers (PM) Frequency of one-point QC check (gaseous) Date of annual performance evaluation (gaseous & n/a	-	n/a	n/a	n/a
Frequency of flow rate verification for manual samplers (PM) Frequency of flow rate verification for automated analyzers (PM) Frequency of one-point QC check (gaseous) Date of annual performance evaluation (gaseous & n/a n/a n/a n/a n/a n/a		n/a	n/a	n/a
Frequency of flow rate verification for automated analyzers (PM) Frequency of one-point QC check (gaseous) Date of annual performance evaluation (gaseous & n/a n/a n/a n/a n/a	Frequency of flow rate verification	n/a	n/a	n/a
Frequency of one-point QC check (gaseous) Date of annual performance evaluation (gaseous & n/a n/a n/a n/a	Frequency of flow rate verification	n/a	n/a	n/a
Comparison (gaseous) Date of annual performance evaluation (gaseous & n/a	Frequency of one-point QC check	n/a	n/a	n/a
evaluation (gaseous & n/a n/a				
meteorological)		n/a	n/a	n/a
Date of two semi-annual flow rate audits (PM)	Date of two semi-annual flow rate	n/a	n/a	n/a

Figure 3
Proposed Verdi SLAMS Site Plan

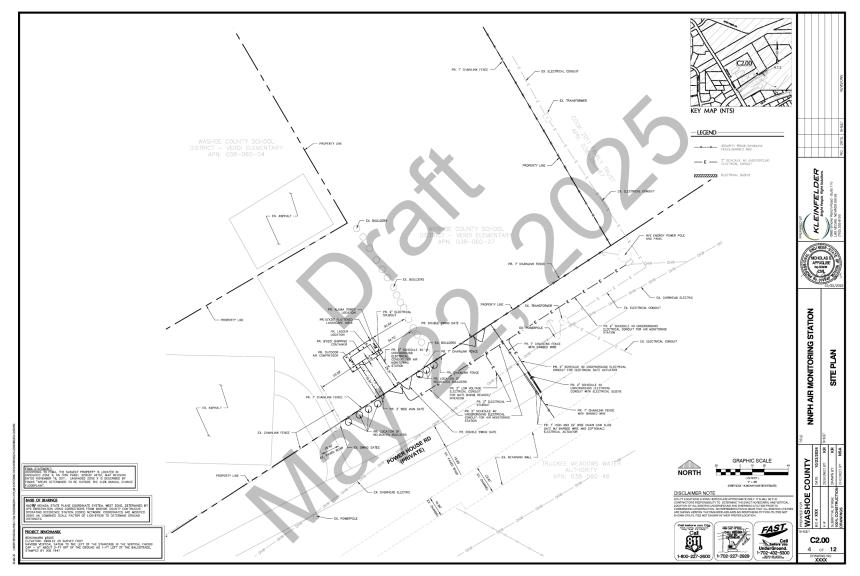


Figure 4
Proposed Verdi SLAMS Distance to Roadway



Figure 5
Proposed Verdi SLAMS Shelter Description



Monitoring Station

- 1. Quick Space container shelter, 8' 6" x 20', anchor mounted.
- 2. 10-meter, T-135 telescoping Aluma Tower with building brackets (no guy wiring).
- 3. 200A, single-phase 120V/240V underground power service.
- 4. Chain link security fence, 7' in height.

Instrumentation (inside shelter)

- 1. Teledyne-API T400 ozone analyzer.
- 2. Teledyne-API T700 Calibrator.
- 3. Teledyne-API T701 Zero Air Generator.
- 4. Met One BAM 1020 continuous PM₁₀ monitor.
- 5. Met One BAM 1020 continuous PM_{2.5} monitor.
- 6. Agilaire 8872 data logger.
- 7. T-Sentry 140 Station Temp sensor.

Instrumentation (on tower)

- 1. Met One 30.5 sonic anemometer.
- 2. Met One 063-1 ambient temperature sensor.

Instrumentation (on roof)

- 1. Met One BAM 1020 PM₁₀ inlet.
- 2. Met One BAM 1020 PM_{2.5} inlet.
- 3. Wireless Broadband Antenna

Interior Heating/Cooling

1. Mitsubishi 1.5 Ton Mini Split System.

Appendix C

NOy Waiver Request





February 5, 2025

Dena Vallano Manager, Monitoring and Analysis Section U.S. Environmental Protection Agency, Region IX 75 Hawthorne Street San Francisco, CA 94105-3901

Subject: Request for NOy Waiver

Dear Ms. Vallano,

Northern Nevada Public Health, AQMD has been operating a federally mandated NOy instrument as part of EPA NCore requirements since 2020 at our Reno4 site (AQS ID 32-031-0031) and between 2011 and 2020 at our Reno3 site (AQS ID 32-031-0016). Hourly average data from the monitor has been submitted to the EPA AQS database using the required method code 699 and parameter code 42600.

The analysis of 24-hour NOx vs. NOy averages shows statistically insignificant differences between NOx and NOy measurements as demonstrated in the three figures included below. Since the middle of 2024, the amount of time and financial resources spent on NOy monitoring has far exceeded that of the other parameters at the Reno4 monitoring site. Additionally, an instrument malfunction has caused a loss of the previous two quarters of data. Neither the manufacturer's technical support staff, nor AQMD have been able to identify the problem. In order to better utilize the resources of AQMD, we are requesting that the EPA Administrator grant a waiver permitting NOx monitoring to be substituted for the required NOy monitoring at the Reno4 NCore site as allowed in 40 CFR Part 58 Appendix D.3: Design Criteria for NCore sites.

The data represented in the figures below support the case that the difference between NOx and NOy measurements at Reno4 are statistically insignificant and that on average NOz is non-existent. The data used to create the analysis comes from the EPA AQS database and is available for independent verification by EPA if desired. AQMD proposes to close this monitor immediately upon receipt of an approval letter from the Administrator.

Please contact Matthew McCarthy at (775) 784-7205 if you have any questions or concerns.

Sincerely,

Francisco Vega, P.E., MBA

Director, Air Quality Management Division

Northern Nevada Public Health

cc:

Laura Berry, EPA Region 9 Craig Petersen, AQMD Matthew McCarthy, AQMD

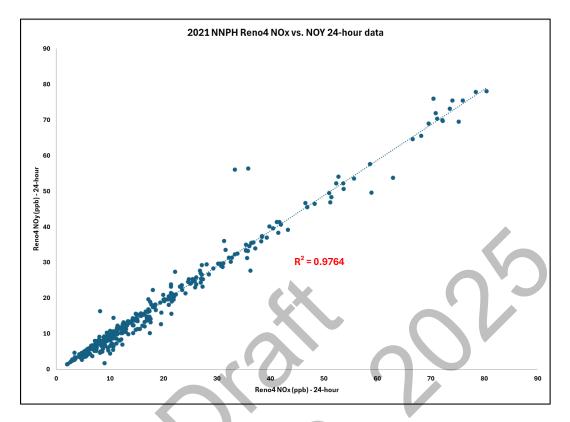
AIR QUALITY MANAGEMENT DIVISION
1001 East Ninth Street, Building B-171, Reno, Nevada 89512
AQMD Office: 775-784-7200 | Fax: 775-784-7225 | Our Clean Air.com
Serving Reno, Sparks and all of Washoe County, Nevada.

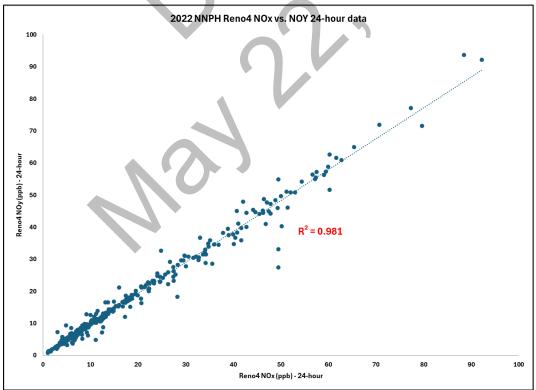
Date: February 5, 2025

Subject: Request for NOy Waiver

Page: 2 of 3





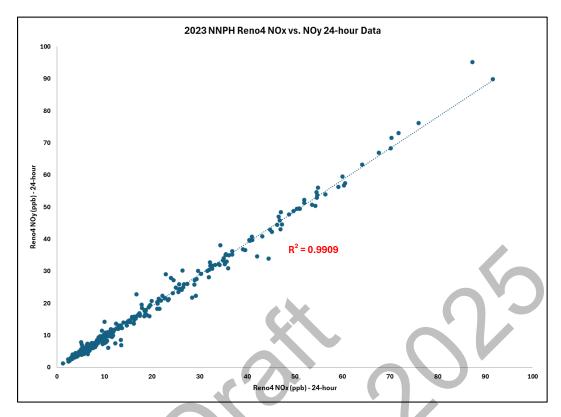


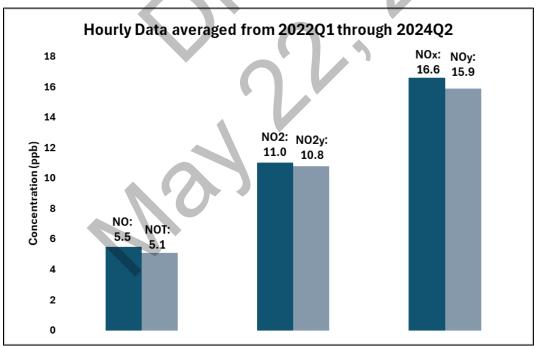
Date: February 5, 2025

Subject: Request for NOy Waiver

Page: 3 of 3







Appendix D Sparks Met Removal



From: Barry, Laura
To: McCarthy, Matthew

Subject: RE: Discontinuation of WSP,WDR, and Ambient Temp at Sparks

Date: Monday, March 3, 2025 11:39:16 AM

Attachments: image001.png

image002.png image003.png image004.png image005.png image006.png

This Message Is From an External Sender

This message came from outside of Washoe County -- DO NOT CLICK on links or open attachments unless you are sure the content is safe.

Report Suspicious

Thanks Matt!

From: McCarthy, Matthew < MMcCarthy@nnph.org>

Sent: Thursday, February 27, 2025 2:12 PM **To:** Barry, Laura < Barry, Laura@epa.gov>

Cc: Petersen, Craig <CPetersen@nnph.org>; McMullen, Ben <BMcMullen@nnph.org>; Schnieder, Brendan <BSchnieder@nnph.org>; Crawford, Michael <MCrawford@nnph.org>; Volk, Jordan <JVolk@nnph.org>

Subject: Discontinuation of WSP, WDR, and Ambient Temp at Sparks

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Hi Laura,

Back in October, we notified you that we were planning on discontinuing the collection of Wind Speed, Wind Direction, and Ambient Temperature continuous data at our Sparks site (AQS: 32-031-1005). As you mentioned in the meeting, there is no approval process required for us to stop collecting this data, but I wanted to notify you that we did end up following through with that. We will not be reporting this data into AQS starting with the January 1, 2025 data. An end date will be set in AQS for December 31, 2024. The ANP will reflect this change going forward.

Thank you!

Air Quality Management Division



O: <u>775-784-7205</u> 1001 E Ninth St. Bldg. B Reno, NV 89512



Click here to take our customer satisfaction survey

