



# SOUTHERN UTE INDIAN TRIBE / STATE OF COLORADO ENVIRONMENTAL COMMISSION MEETING

---



May 13<sup>th</sup>, 2026

# AGENDA



## SOUTHERN UTE INDIAN TRIBE/STATE OF COLORADO ENVIRONMENTAL COMMISSION MEETING AGENDA



May 13, 2026.  
1:00 p.m. – 3:00 P.M.  
EPD Large Conference Room  
71 Mike Frost Way  
Ignacio, CO 81137  
and Remote Platform

For information, call Danny Powers at (970) 563-2265  
Or email [dpowers@southernute-nsn.gov](mailto:dpowers@southernute-nsn.gov)

- 1:00 – 1:05 **Call to Order/Introductions**
- Introduce new AQD staff
- 1:05 – 1:10 **New Business**
- Review and Approve May 13, 2026, Agenda (*Action Item*)
  - Review and Approve October 29, 2025, Meeting Minutes (*Action Item*)
- 1:10– 2:10 **Air Quality Division Updates**
- Ambient Monitoring Program Updates
  - Regulatory updates
    - Title V
    - Minor Source
  - CPRG Updates
  - Emissions Inventory Updates
  - New Source Performance Standards (NSPS) OOOOc Updates
- 2:10 - 2:45 **CDPHE Updates**
- Priority Air Contaminants
  - NSPS rule updates
  - Ozone State Implementation Plan (SIP) updates
  - Funding Sources for Colorado’s Air Program
- 2:45 – 2:55 **Open Discussion/Questions and Public Comment**
- 2:55 – 3:00 **Schedule Next Meeting**
- 3:00 **Adjourn**

### Commissioners

*Beth Santistevan  
Nathan Strong Elk  
Cheryl Frost*

*Dr. Peter McCormick  
Rolfe Spiegel  
Dr. Rebecca Austin*

# NEW BUSINESS

- Approval of May 13, 2026 Meeting Agenda.
- Approval of October 29, 2025 Meeting Minutes

# AIR QUALITY DIVISION UPDATES

## Air Quality Division Updates

- Ambient Monitoring Program Updates
- Regulatory updates
  - Title V
  - Minor Source
- CPRG Updates
- Emissions Inventory Updates
- NSPS OOOOc Updates

# AMBIENT AIR MONITORING PROGRAM UPDATES



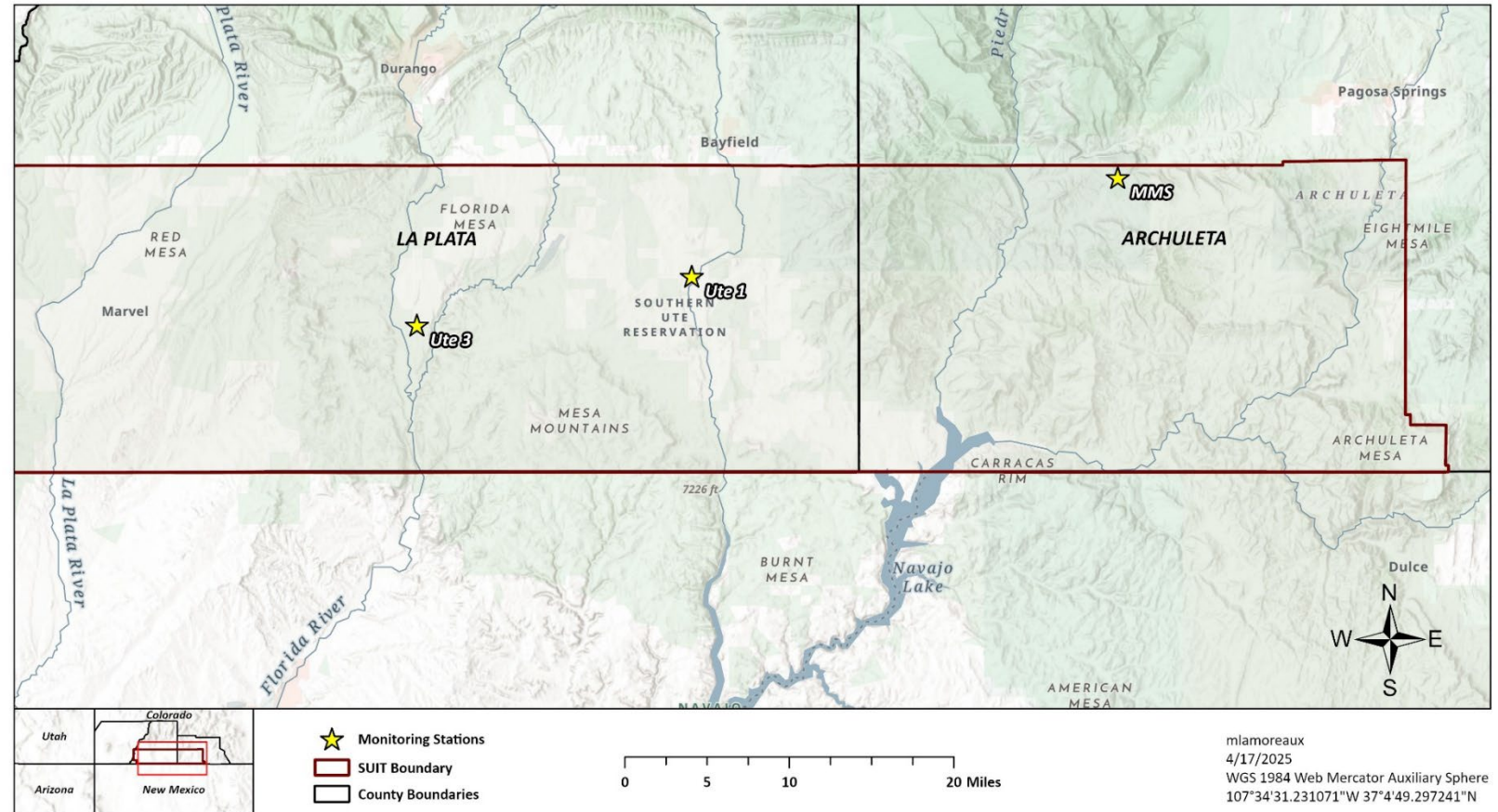
# AMBIENT MONITORING PROGRAM

## OVERVIEW

	Ute 1 (Ignacio)	Ute 3 (Bondad)	MMS (Lake Capote)
Ozone	X	X	X
Nitrogen Dioxide	X	X	X
PM <sub>10</sub>	X	X	
PM <sub>2.5</sub>	X	X	
Visibility		X	
Wind Speed/Direction	X	X	X
Relative Humidity	X	X	X
Ambient Temperature	X	X	X
Solar Radiation	X	X	
Precipitation	X	X	



### Southern Ute Indian Tribe Air Quality Division Monitoring Stations

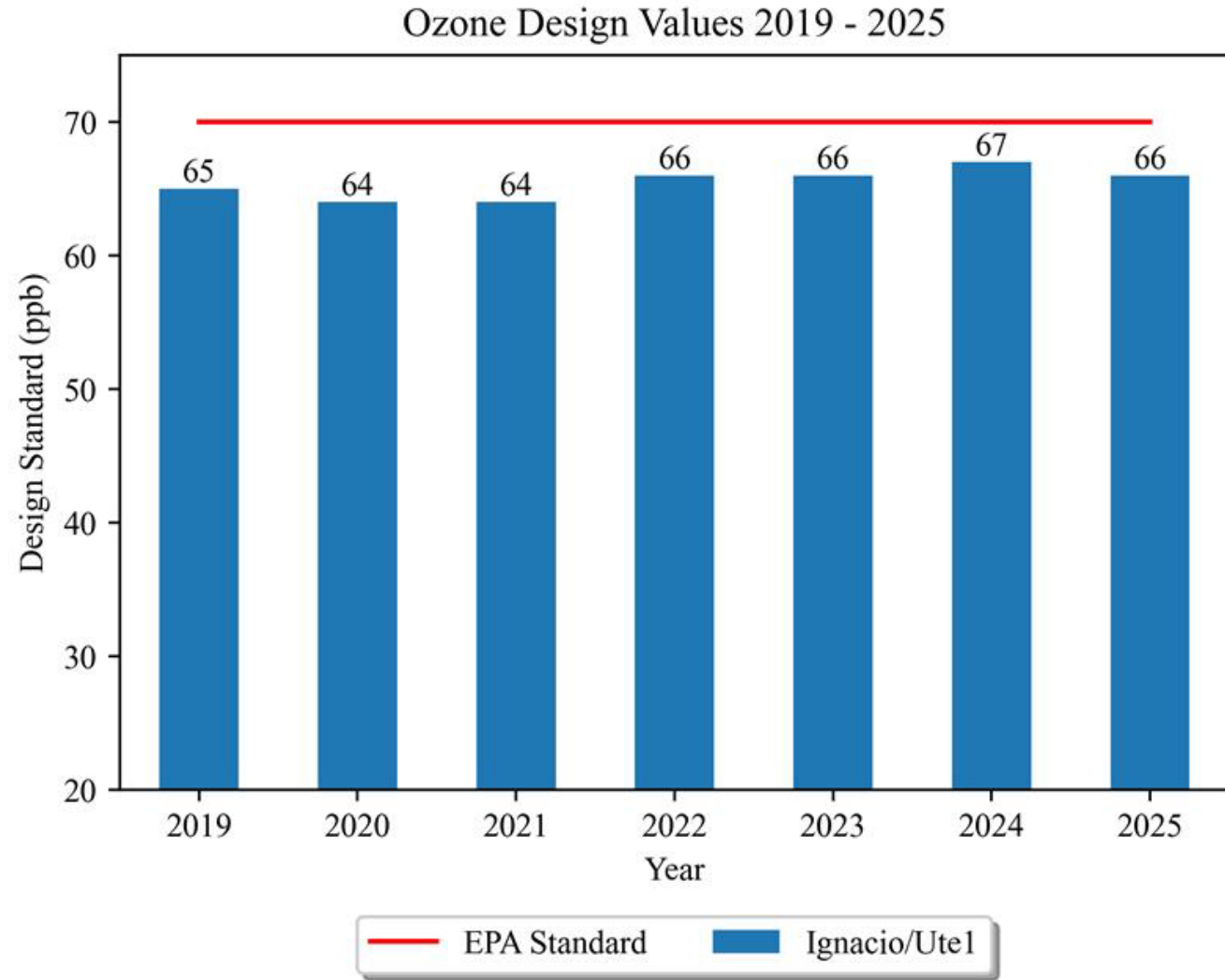


mmlmoreaux  
4/17/2025  
WGS 1984 Web Mercator Auxiliary Sphere  
107°34'31.231071"W 37°4'49.297241"N

# AMBIENT MONITORING PROGRAM

## OZONE

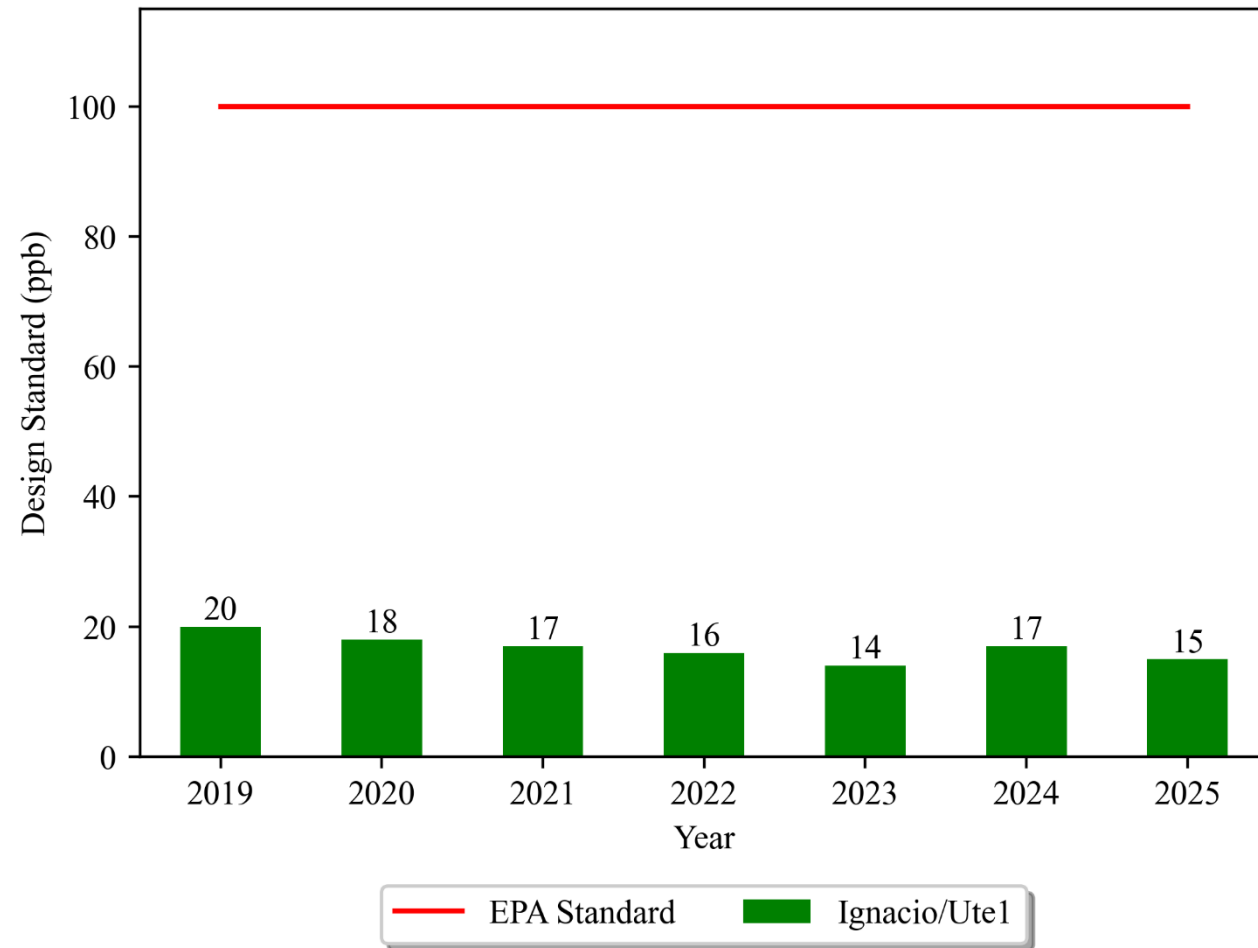
Ozone Standard: 70 ppb



# AMBIENT MONITORING PROGRAM

## Nitrogen Dioxide

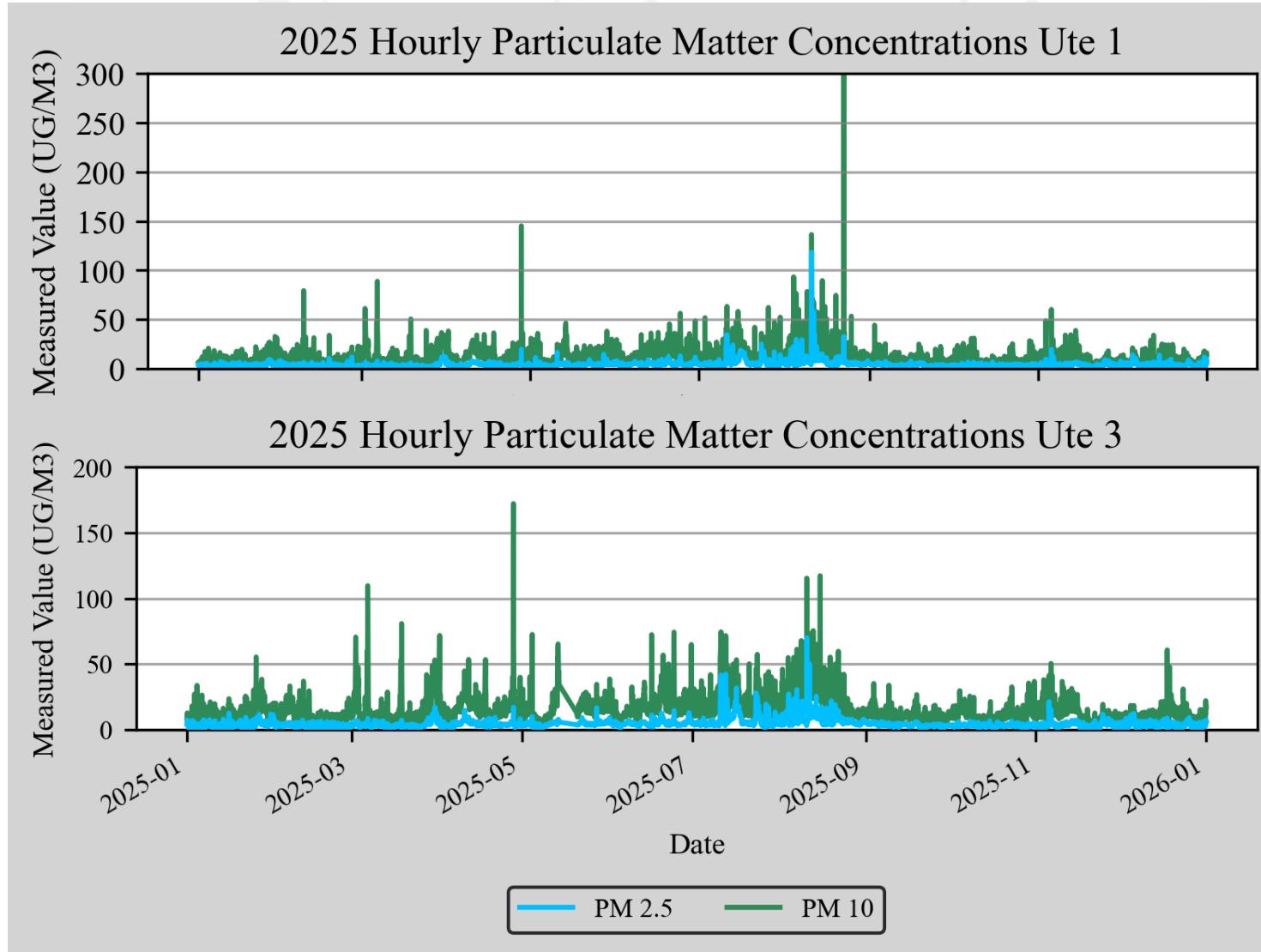
Nitrogen Dioxide Design Values 2019 - 2025



Nitrogen Dioxide  
Standard : 100 ppb

# AMBIENT MONITORING PROGRAM

## Particulate Matter

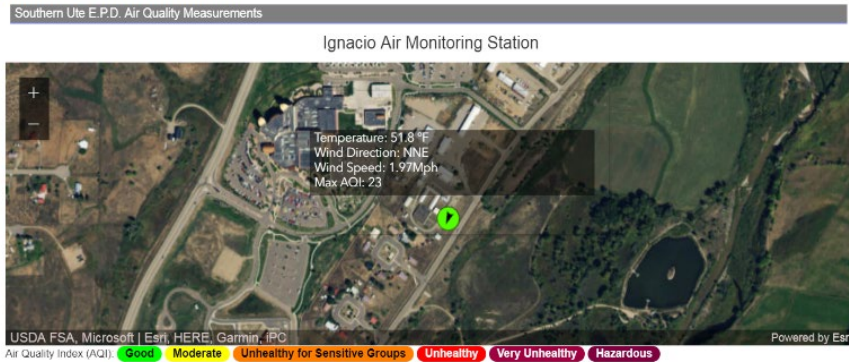


# REAL TIME AIR QUALITY AND WEATHER RESOURCES

The AQD reports ambient air monitoring data to its webpage in real-time so Tribal members and area residents can be informed of current air quality conditions and potential health risks.

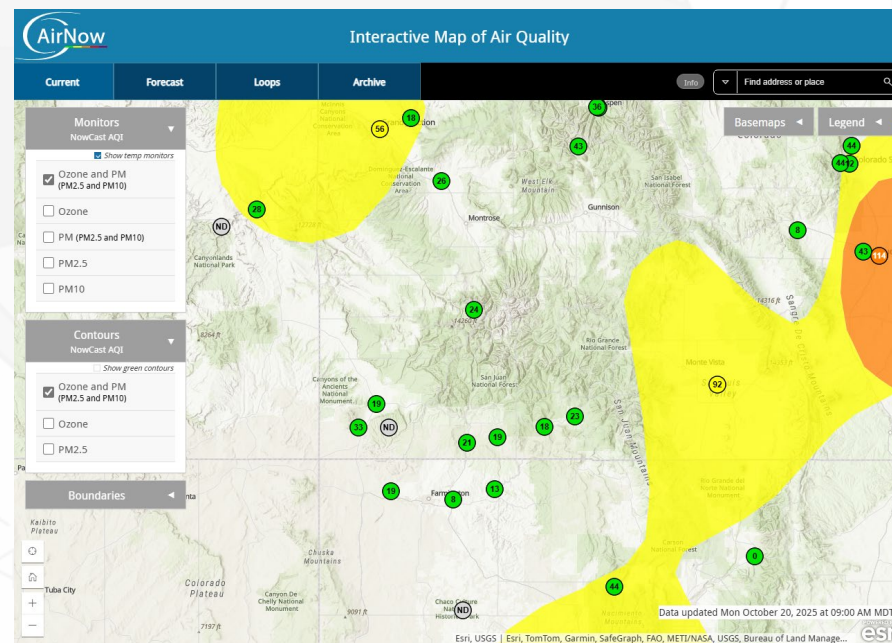
## SUIT Monitoring- Current Conditions

### Air Quality Health Notifications



AQI	Level	Responsible Pollutant	Activity Caution	Risk Groups
2	Good	CO	None	People with heart disease are the group most at risk.
23	Good	Ozone	None	Children and people with asthma are the groups most at risk.
5	Good	Nitrogen Dioxide	None	Children and people with asthma are the groups most at risk.

## EPA Air Now Interactive Map- Forecasts



## AIR QUALITY FLAGS for the Air Quality Index (AQI) Colors

- Good (0-50)**  
**TUH'AYAQH.** "IT'S FINE."  
 It's a great day to be active outside! The air quality poses little to no health risk.
- Moderate (51-100)**  
**TOGHOYAQH.** "IT'S OK."  
 It's a good day to be active outside. Sensitive individuals may experience some symptoms.
- Unhealthy for sensitive groups (101-150)**  
**KA'AYWA'.** "NOT GOOD."  
 It's OK to be active outside for shorter periods. For longer activities take it a little easier.
- Unhealthy (151-200)**  
**'UVVS!** "STOP!"  
 Take it easier if you do any outdoor activities. Noticeable respiratory symptoms are likely.
- Very Unhealthy (201-300)**  
**NAGHAMITIVAANI!** "IT WILL MAKE YOU SICK!"  
 Try to keep active activities inside. Depending on sensitivity, adverse health effects are likely.

Ute language translations courtesy of the Southern Ute Cultural Preservation Department

THE AIR QUALITY TODAY IS:

**TUH'AYAQH.** "IT'S FINE."

IT'S A **GOOD** DAY TO BE ACTIVE OUTSIDE!

# TITLE V AND MINOR SOURCE PROGRAM UPDATES



# SOURCES ON THE RESERVATION

Source Type	Facility Types	Amount
True Minor Sources	natural gas and oil production well sites, central delivery points, water injection facilities	160+
Synthetic Minor Sources	natural gas compression facilities, natural gas treatment plants	12
Title V Sources	compressor stations, central delivery points, natural gas treatment plants, landfills.	30*

\*Approximately 13% of the Title V sources in Colorado.



# TITLE V and MINOR SOURCE PERMITTING

<b>Title V Permitting Summary</b>			
Currently Processing Permits	Initial Permits Issued*	Renewal Permits Issued*	Permit Revisions Issued*
5	0	9	0

<b>Synthetic Minor Source Permitting Summary</b>	
Number of Synthetic Minor Permit Revisions Completed*	Number of Initial Synthetic Minor Permits Issued
2	0



<b>True Minor Registration and General Permit Processing</b>		
Part 1 Registrations Processed*	Part 2 Registrations Processed*	General Permits
5	1	0

\* Processions that took place since the last EC meeting on October 29, 2025.

# TITLE V and MINOR SOURCE COMPLIANCE

Sources are inspected according to EPA-approved Compliance Monitor Strategy (CMS)

- Title V source inspected every other year
- Synthetic Minor and True Minor sources inspected every 5 years



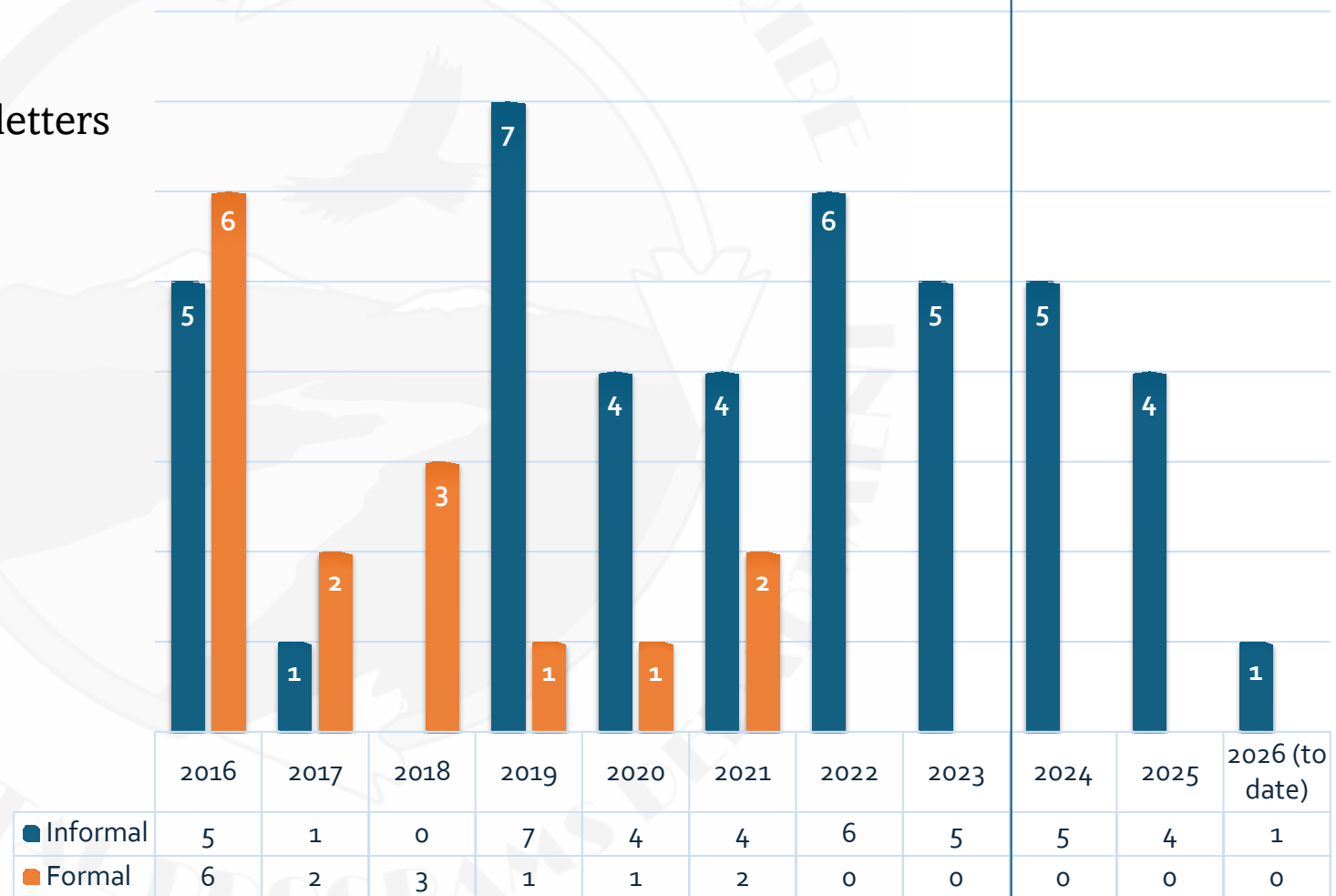
Inspection Schedule						
	FY25			FY26		
Inspection Type	Title V Sources	True Minor	Synthetic Minor	Title V Sources	True Minor	Synthetic Minor
Scheduled	19	32	0	17	32	2
Inspections Completed	19	33	0	7	17	1

# ENFORCEMENT

## Informal and Formal Enforcement

- Informal enforcement actions
  - Compliance Advisories/Warning letters
    - 2024=5
    - 2025=4
    - 2026=1 (to date)
- Formal enforcement actions
  - Notices of Violation
    - 2024=0
    - 2025=0
    - 2026=0 (to date)
- Total enforcement cases = 58
  - Informal = 42
  - Formal = 16

TMNSR  
Delegation



**SEP.  
2023**

CPRG phase I:  
Planning grant

PCAP publication:  
AQD completes  
first report

**MAR.  
2024**

**SEP.  
2024**

CPRG phase II:  
Implementation grant

CCAP Outreach

**YOU ARE  
HERE**

**SEP.  
2027**

CCAP progress:  
AQD continues  
research for final  
report

# CLIMATE POLLUTION REDUCTION GRANT UPDATES

# Comprehensive Climate Action Plan (CCAP)

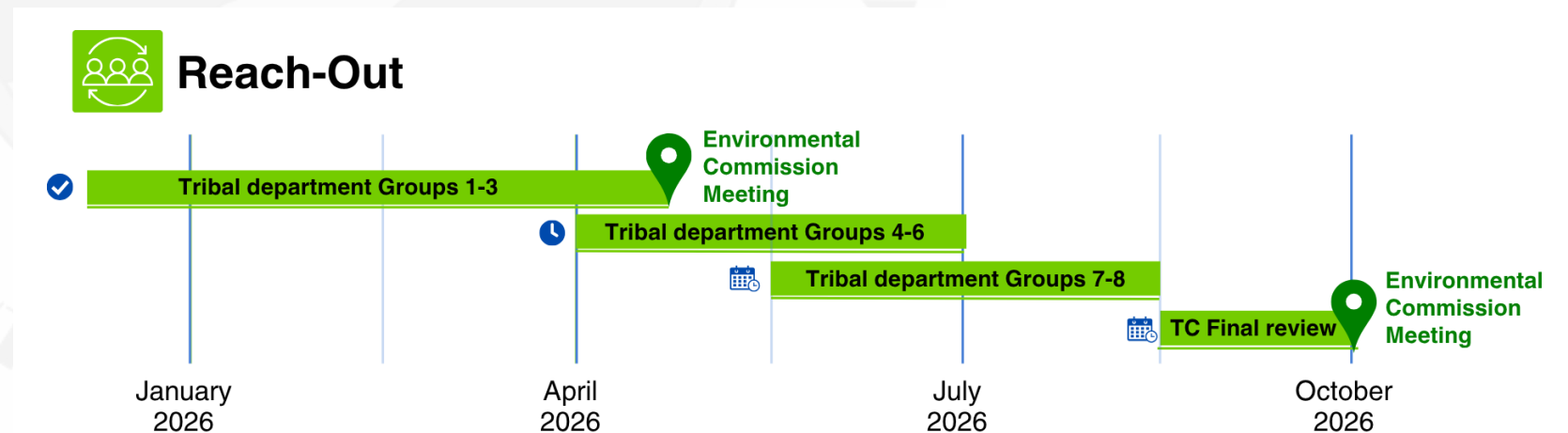
## CCAP Development

This document is intended to be a **road map**.

1. Research possible GHG reduction options called “measures” by identifying existing programs and new opportunities across **7 different sectors**



2. Reach out to Tribal departments and entities (35) to gain insight.
3. Write up a draft summary of “measures” and prioritize most effective options.
4. Reach back out to Tribal departments for feedback.



# Comprehensive Climate Action Plan (CCAP)



## Elements of a CCAP “Measure”

Each final “Measure” will include:

- Description of Measure
- Implementation Authority and Responsibility
- Timelines and Milestones
- Metrics for Tracking
- Quantified Emission Reductions
- Measure Costs
- Intersections with other Funding
- Benefits and Implementation Considerations (Disbenefits)

## Measure-NWL 2: Forest Restoration Treatments



<b>High</b> Potential Impact		<b>\$122.10</b> Per ton
<i>Reduction Ranking:</i> <small>(Tons of GHG reduction)</small>	<i>Qualitative Rating:</i> <small>(See Qualitative Benefits section)</small>	<i>Cost:</i> <small>(\$/ton of GHG)</small>

# EMISSION INVENTORY SUMMARY



# EMISSION INVENTORY SUMMARY

## Overview of Source Categories



### **Point Sources (Stationary)**

Clean Air Act permitted stationary sources (Oil and Gas, Landfills, and Airports)

### **Non-Point Sources (Area)**

Small Oil and Gas, Fruitland Outcrop, Gas Stations, Aviation Gasoline, Gravel Pits, Residential Heating, Fire Events, Ag Burning

### **Mobile Sources (Mobile)**

**On-Road** (Vehicles Traveling on Public Roads) and  
**Non-Road** (Farm Equipment, ATV, Construction Equipment, etc.)

### **Biogenic Sources (Natural)**

Tree and Plant (Vegetation Metabolism), Soil Off Gassing, and Natural Occurring Chemical Reactions (Lightning)

# EMISSION INVENTORY SUMMARY

## Overview of Emissions

Point Sources

Non-Point Sources

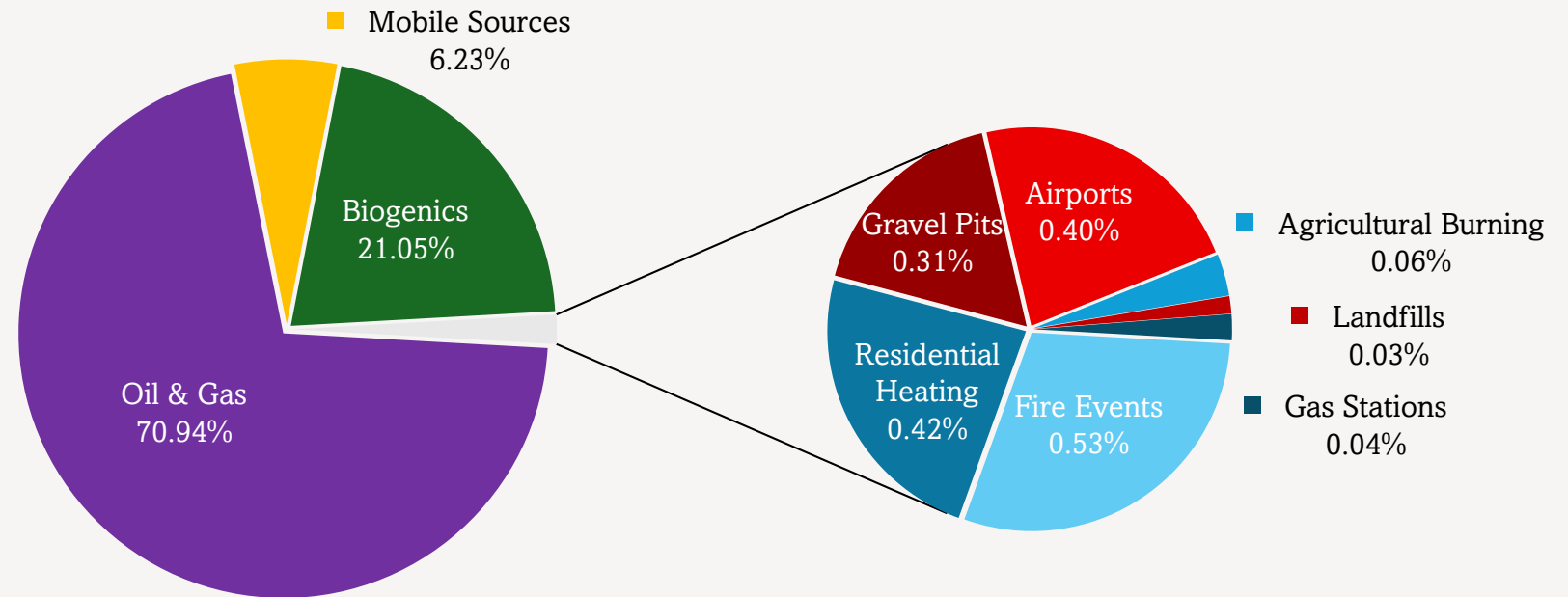
Mobile Sources

Biogenic Sources

### Summed Pollutants:

- NO<sub>x</sub>
- VOC
- CO
- PM
- SO<sub>2</sub>
- HAPs

### PERCENT OF COMBINED EMISSIONS OF ALL CRITERIA POLLUTANTS FOR 2023 (TONS)



# EMISSION INVENTORY SUMMARY

## Reporting

Point Sources

Non-Point Sources

Mobile Sources

Biogenic Sources

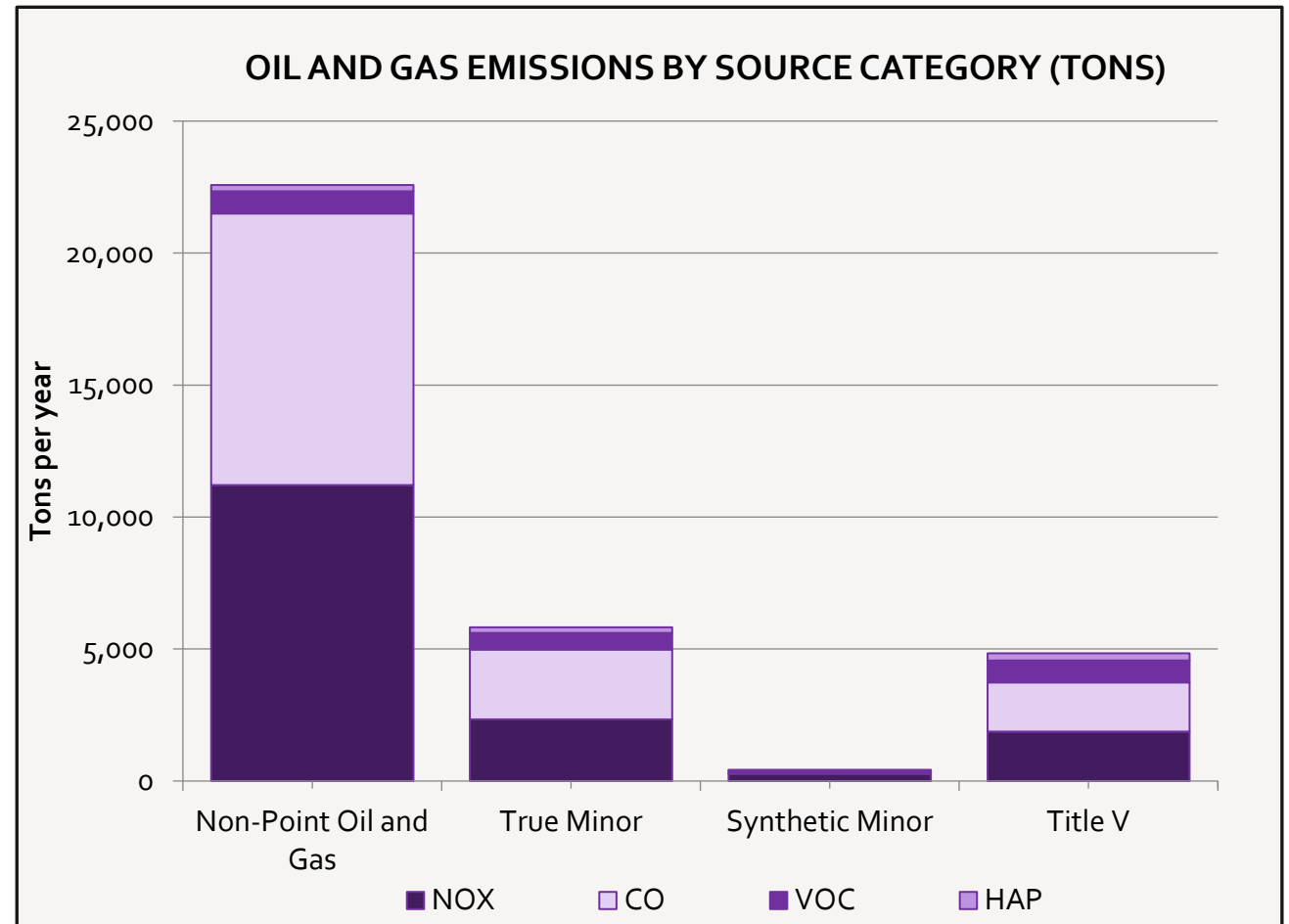
### Current Oil and Gas Reporting Structure

#### *Required Annually*

- Title V
- Synthetic Minor (only report for pollutants regulated by permit)

#### *Requested on a Three-Year Cycle*

- True Minor FIP Registered Sources
- Non-Point Oil and Gas
  - Wells, Pneumatic Controls, Storage Tanks, Small Engines, Dehydrators, etc.



# EMISSION INVENTORY SUMMARY

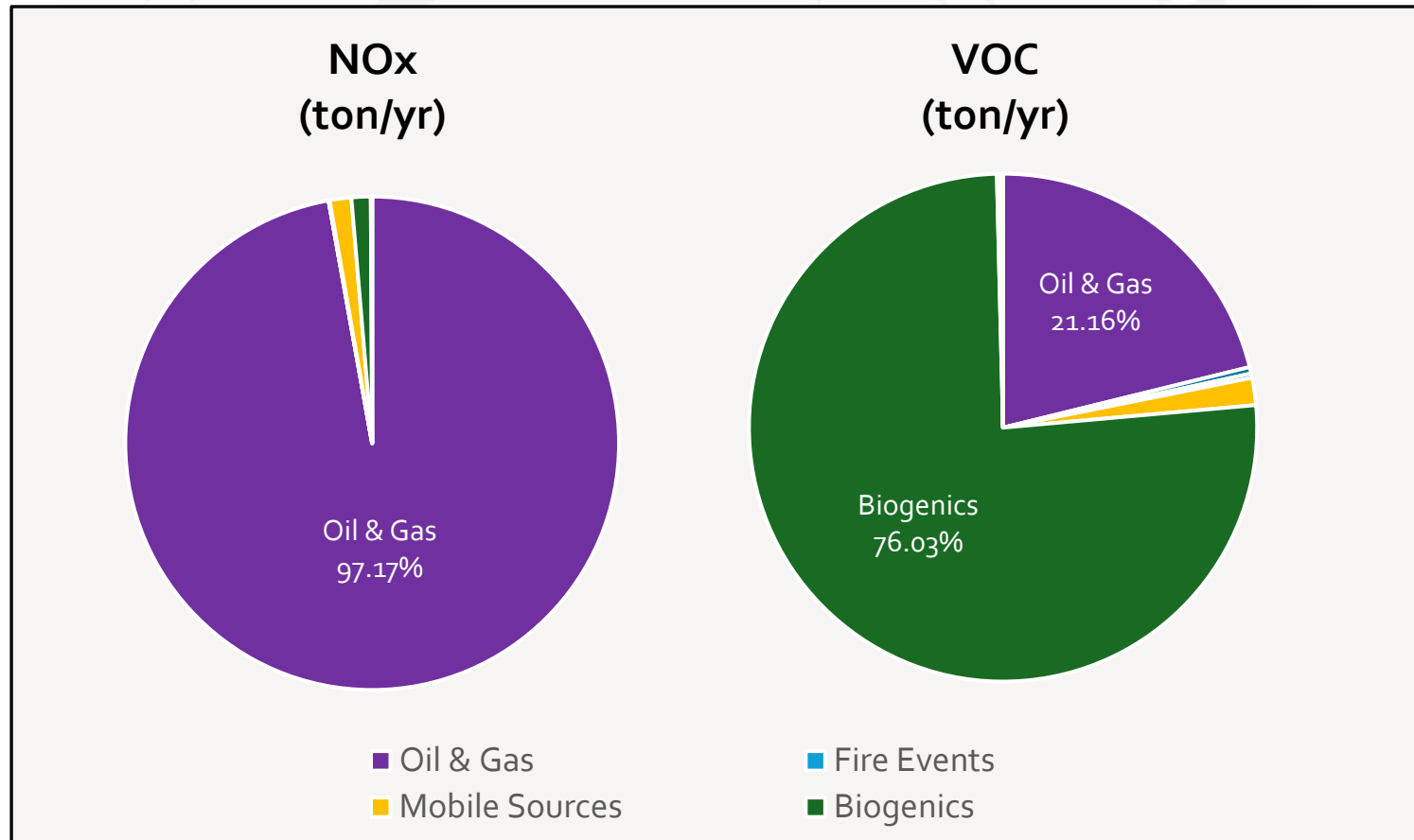
## NOx and VOC

Point Sources

Non-Point Sources

Mobile Sources

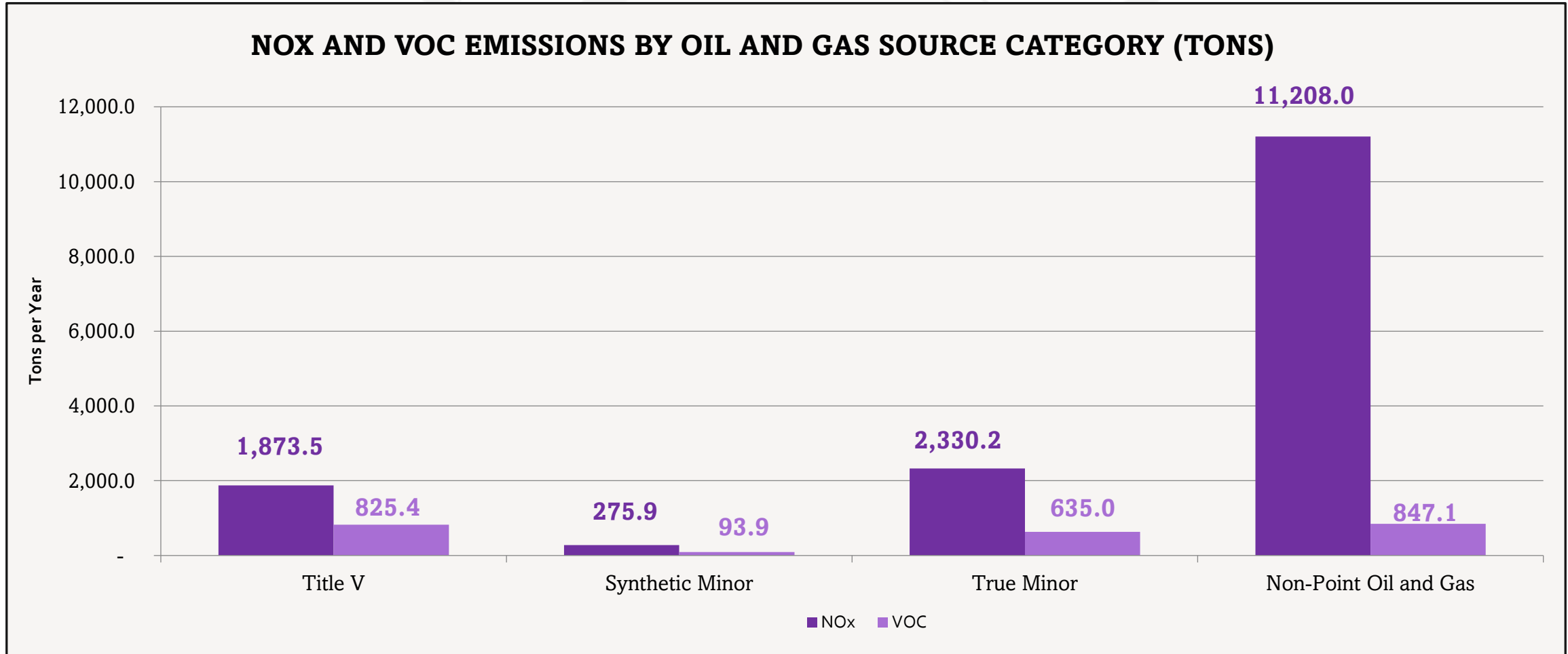
Biogenic Sources



# EMISSION INVENTORY SUMMARY

## NOx and VOC from Oil and Gas

### Oil and Gas emissions:



# EMISSION INVENTORY SUMMARY

## NOx and VOC from Oil and Gas

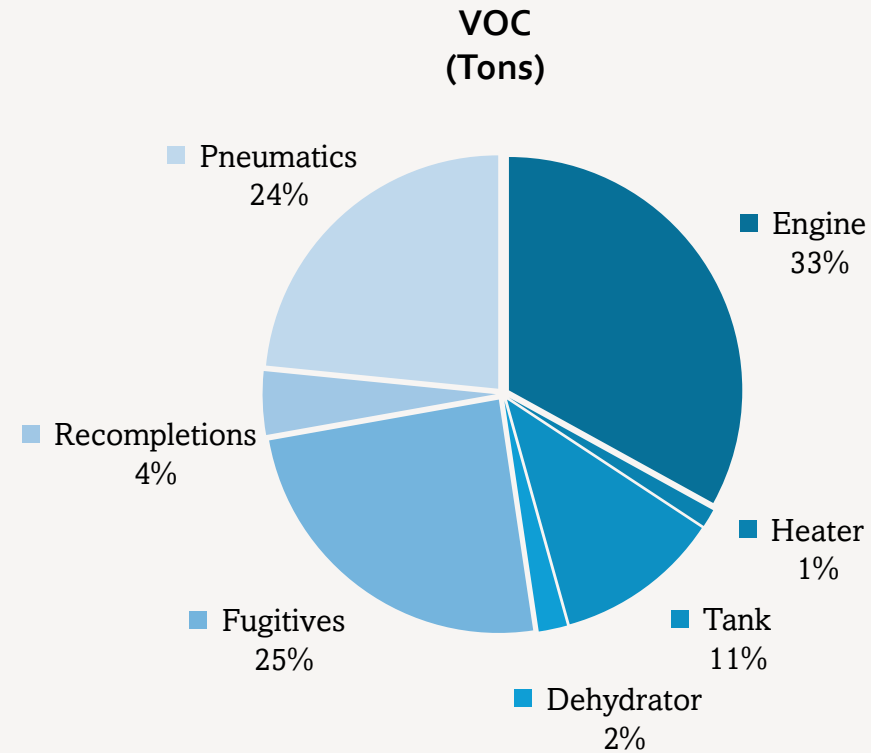
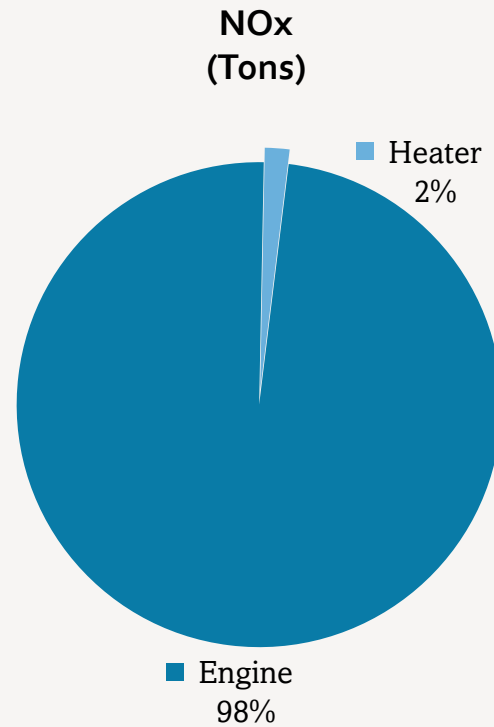
Point Sources

Non-Point Sources

Mobile Sources

Biogenic Sources

### PERCENT VOC AND NOX EMISSIONS BY EQUIPMENT TYPE

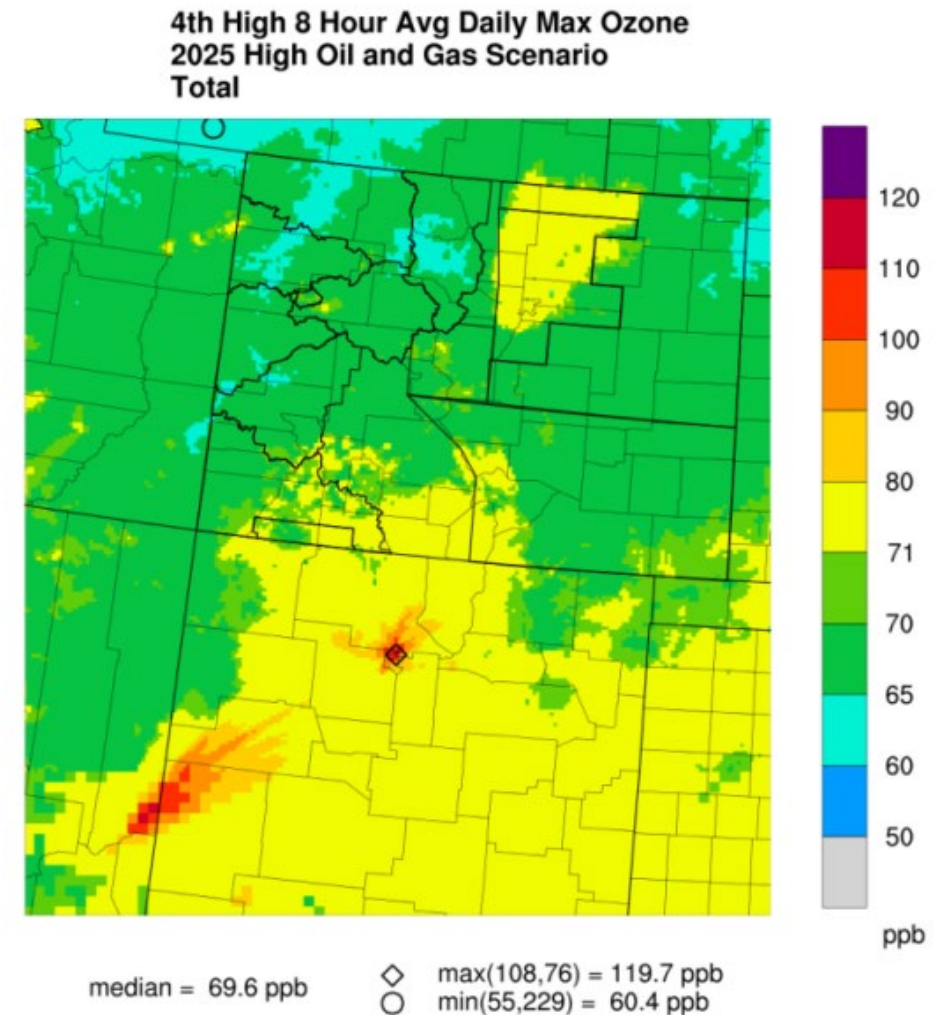


# EMISSION INVENTORY SUMMARY

## Benefits

### Use of Oil and Gas Emissions Inventory

- Inventory Data used for:
  - NAAQS Compliance Planning,
  - Air Quality Modeling Studies,
  - NEPA Analysis,
  - Regulation Development, and
  - Emissions Inventory Reports & Trend Analysis



Example figure above taken from Colorado Air Resource Management Modeling Study (CARMMS) 2025 CAMx Modeling Results

# EMISSIONS REPORTING EVALUATION



# Oil and Gas Emission Inventory Improvements Evaluation

## Considerations:

- Review reporting frequency for True Minor Sources
- Review input options from Non-point Oil and Gas and Synthetic Minor calculations
- Review understanding of regulatory requirements at non-point sources
- Review State programs for comparison



# Oil and Gas Emission Inventory Improvements

## Evaluation Continued

### **Areas for Potential Improvement**

#### Point Sources

- Full emissions reporting for Synthetic Minor Sources
- Annual reporting for True Minor Sources instead of every 3 years

#### Non-Point Oil and Gas:

- Increased specificity of information collected (based on Ramboll recommendations)
  - Example - for engines add options to input:
    - Actual horsepower vs horsepower ranges
    - Actual annual operational hours vs assuming 8760 hours
      - Controlled or manufacturer emissions factors vs using only EPA AP-42
      - NSPS JJJJ applicability

# NSPS 0000C UPDATES



# NSPS 0000c

## Methane Standards for Existing Oil & Gas Sources

### What is 0000c? (published March 8, 2024)

- First nationwide rule targeting methane from **existing** oil & gas infrastructure

### Key requirements (implemented via State/Tribal plans):

- Leak Detection & Repair (LDAR)
- Zero-emission pneumatic controllers
- Tank emission controls
- Flaring performance standards
- Super-emitter response program

### How is it different from 0000b?

- 0000c → Existing sources (via Tribal/State plans)
- 0000b → New/modified sources (Direct Federal Rule)



### Production Sites

(wells, tanks, pneumatics)



### Gathering and Boosting

(compressors, pipelines)



### Processing and Transmission

(compressors, pipelines)

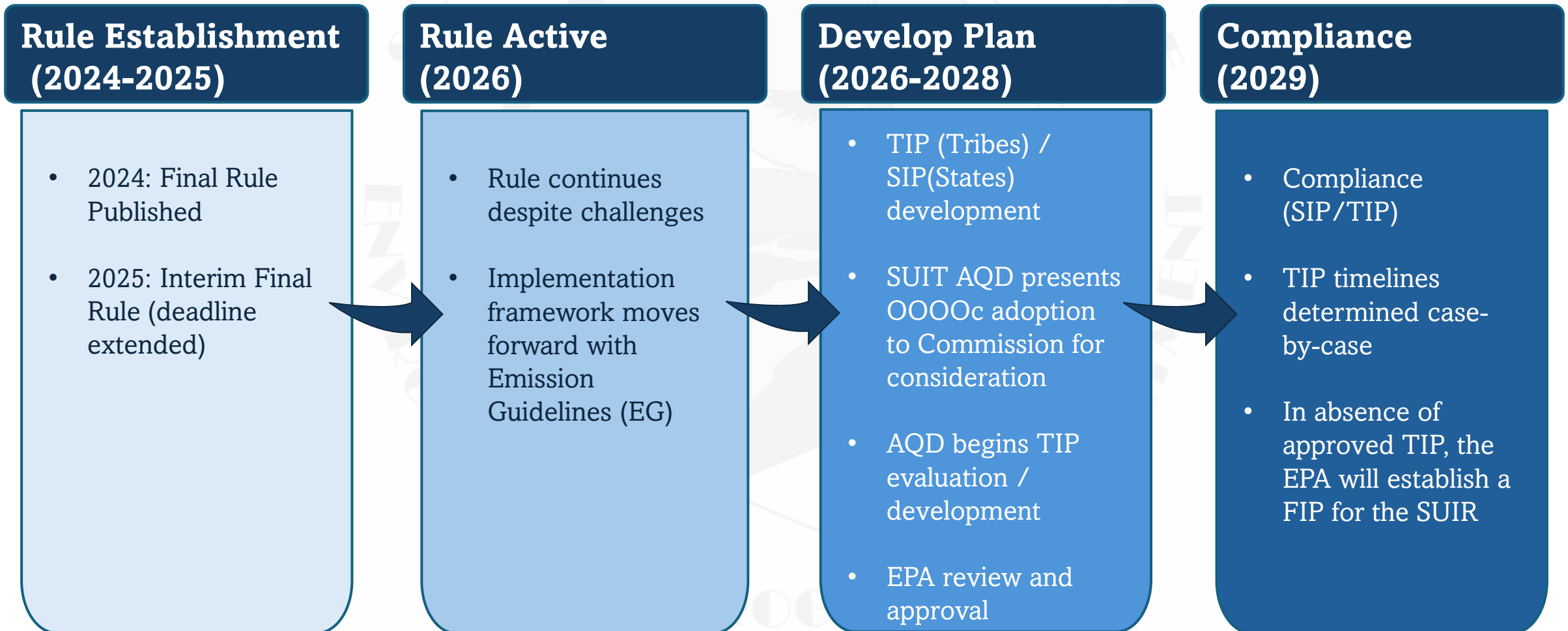
0000c applies to ALL existing source

# NSPS OOOOc

## SUIT CPRG Phase II Implementation Commitment

Evaluate adoption of federal methane standards for existing oil & gas sources

- Focus on Emissions Guidelines established under **NSPS OOOOc** through the development of a **Tribal Implementation Plan**



# UP NEXT:

- CDPHE Updates
  - Priority Air Contaminants
  - NSPS rule updates
  - Ozone State Implementation Plan (SIP) updates
  - Funding Sources for Colorado's Air Program
- Schedule Next Commission Meeting