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# FAIRBANKS STATE IMPLEMENTATION PLAN AND EPA PROPOSED ACTION

Nick Czarnecki

ANPMS Program Manager

Alaska Department of Environmental Conservation

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# OVERVIEW

GOALS: HEALTHY AIR, STRONG ECONOMY,  
USE OF WOOD STOVES, APPROVABLE SIP

- What is in EPA's Proposed Action?
    - Proposed Approval of SIP elements
    - Proposed Disapproval of SIP elements
  - Next steps
    - Comment on EPA's proposed action
    - Prepare SIP Amendment
  - Potential timeline
  - What actions can Chamber of Commerce take?
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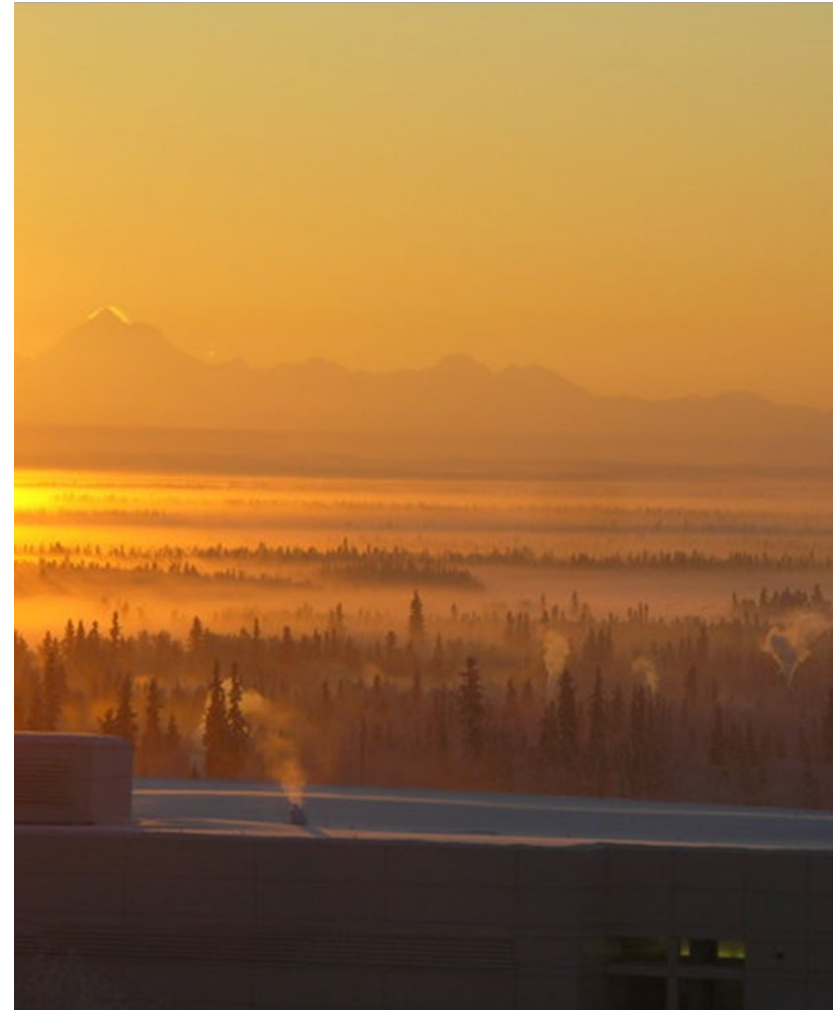


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# WHAT IS IN THE ACTION?

## ELEMENTS FOR PROPOSED APPROVAL

- Base year emission inventory
- NOx precursor determination
- VOC precursor determination
- NH3 BACM/BACT and control strategy analysis
- Solid fuel BACM
  - Curtailment program
  - Opacity limits
  - Date certain removal of uncertified devices
- Incinerator BACM
- Mobile source controls
  - CARB standards
  - School bus retrofits
  - Road paving
- Contingency measures as SIP strengthening



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# WHAT IS IN THE ACTION?

## ELEMENTS FOR PROPOSED DISAPPROVAL

- Point source SO<sub>2</sub> controls
    - Did not meet BACM for highest control
  - Point source PM controls
    - Lack of MMR and permit conditions not incorporated in SIP
  - Contingency measures
    - Not sufficient to meet 1 year RFP
  - BACM
    - ULSD requirement
    - Requirements for wood sellers
    - Residential coal fired heating devices
    - Coffee roasters
    - Charbroilers
    - Used oil burners
    - Weatherization
    - Vehicle idling
    - Other transportation measures
  - Attainment year inventory
  - Attainment demonstration
  - Reasonable Further Progress
  - Motor Vehicle Emission Budgets
  - Quantitative Milestones
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# NEXT STEPS

## IS THERE A PATH TO MEET ALL THE GOALS?

- Healthy Air • Strong Economy • Maintain Use of Wood Stoves • Approvable SIP
- Large gaps between Alaska SIP and EPA proposal:
  - Point source SO<sub>2</sub> control strategy
    - Solution: New modeling platform supporting SO<sub>2</sub> Precursor demonstration
  - ULSD Mandate
    - Solution: New compelling information supporting economic infeasibility



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# NEXT STEPS

## HOW DO WE GET THERE?

- Healthy Air
- Strong Economy
- Maintain Use of Wood Stoves
- Approvable SIP



### Two Separate Actions

- Provide comments during comment period
  - Compelling new information
  - Set administrative record for our path forward
- SIP Amendment
  - SO<sub>2</sub> precursor demonstration + new SIP Chapters
  - Regulatory update

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# POTENTIAL TIMELINE





## WHAT ACTIONS CAN CHAMBER OF COMMERCE TAKE?

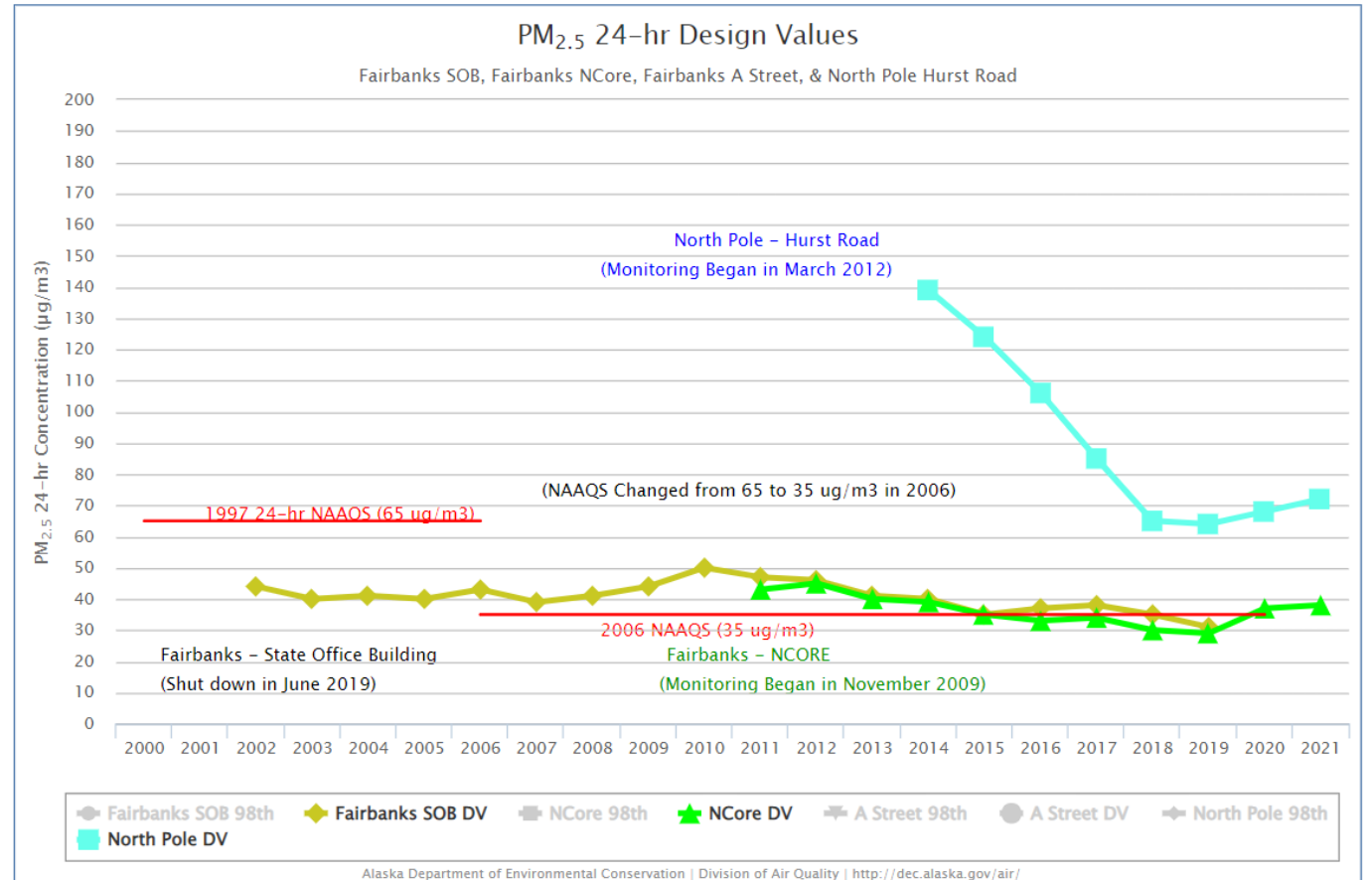
- Provide comments
- Encourage members of community to comment
- 2 ways to comment
  - Written comment due March 13, 2023
  - EPA to host public hearing in Fairbanks, TBD – likely early March
- DEC can help inform strategy for comments that will have most impact



# NEW STANDARD

- EPA proposed new PM<sub>2.5</sub> standard on January 6, 2023
- Encourage members of community to comment

<https://www.epa.gov/pm-pollution/national-ambient-air-quality-standards-naaqs-pm>





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**QUESTIONS?**