

FAIRBANKS STATE IMPLEMENTATION PLAN AND EPA PROPOSED ACTION

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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?

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



WHAT IS IN THE ACTION? ELEMENTS FOR PROPOSED DISAPPROVAL

- Point source SO2 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

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 SO2 control strategy
 - Solution: New modeling platform supporting SO2 Precursor demonstration
 - ULSD Mandate
 - Solution: New compelling information supporting economic infeasibility



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
 - SO2 precursor demonstration + new SIP Chapters
 - Regulatory update

POTENTIAL TIMELINE

EPA Proposes partial EPA publishes final partial Sanction clock starts:18 EPA has 18 months to act on Sanction clock and FIP clock approval and partial approval and partial months to 2:1 offsets, 24 Alaska's SIP Amendment stop only once EPA issues disapproval of Fairbanks SIP disapproval. months to highway sanctions submitted January 2024 final approval for all SIP elements Alaska submits SIP FIP clock starts: 24 months Amendment with defensible until FIP SO2 precursor, BACM, and all other required SIP **Transportation Conformity** elements. starts January 2023 January 2024 February 2024 July 2025 August 2025



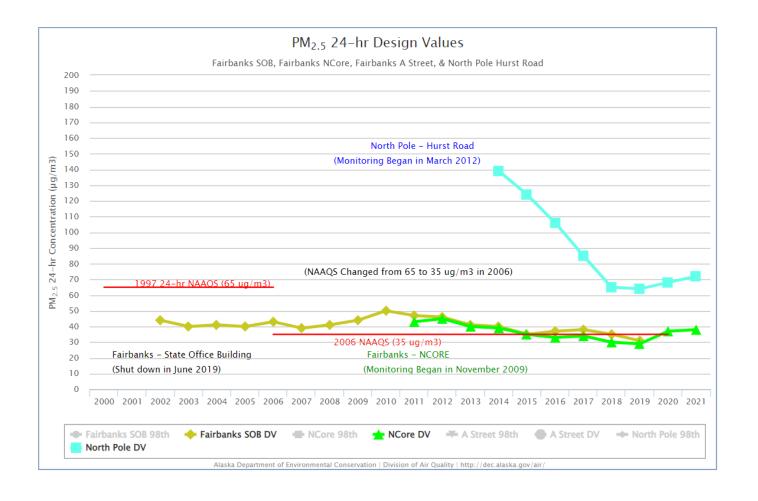
WHAT ACTIONS CAN CHAMBER OF COMMERCE TAKE?

- 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 PM2.5 standard on January 6, 2023
- Encourage members of community to comment

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





QUESTIONS?