Fairbanks North Star Borough
Air Quality:
2020/2021 Overview

Presentation to:
FAST Planning Technical Committee

Cindy Heil, Program Manager
April 7, 2021
Overview

• Implementation of the Air Quality State Implementation Plan (SIP)
• Status of 5% Plan/Serious Plan Amendment
• Reasonable Further Progress Report
• Air Quality this past winter
• DEC/FNSB 1st Annual AQ Report
Implementation of the SIP

- Serious SIP introduced requirements; most went into effect on January 8, 2020.
- DEC and FNSB Air Quality have been working to implement all the control measures.
- The Serious SIP's contingency measure was triggered on October 2, 2020 because the area failed to attain the standard by 12/31/2019.
- EPA recently proposed to accept portions of the Serious SIP, comment has period closed.
Status of 5% Plan/Serious SIP Amendment

- DEC met the statutory deadline – submitted amendment to EPA prior to December 31, 2020 deadline.
- EPA is reviewing the SIP Amendment
Reasonable Further Progress (RFP) & Quantitative Milestone (QM) Report

<table>
<thead>
<tr>
<th>RFP and QM Analysis Years</th>
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<tbody>
<tr>
<td>2017, 2020, 2023, 2026</td>
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- The RFP & QM Report is a technical document required every three years by the Clean Air Act
- Report must show progress and meet milestone goals
- Report is based on actual emissions from sources compared to estimated reductions from the SIP emission inventory
- Does not reflect monitored values at the air monitoring sites
- DEC submitted report to EPA prior to the March 31, 2021 deadline
- 2020 report does document that the area has met its RFP and QM requirements
- DEC will be posting the 2017 and 2020 RFP reports on its website soon
DEC/FNSB 1st Annual AQ Report

- Pleased to announce that DEC/FNSB will soon post the 1st Annual Air Quality Implementation Report at the same time as the RFP.
- Some data is presented by calendar year, and other data presented by winter season – November through March 31.
- Focuses on the air quality improvement efforts that have been going on in the area. This includes number of alerts called, letters sent, waivers issued, etc.
- Report also includes other air quality improvement projects underway or up-coming, including FAST Planning Projects and TAG.
- Intent is to publish this annual report by April 15 every year.
- The link to the web page where the report may be found is:  https://dec.alaska.gov/air/anpms/communities/fbks-particulate-matter/
Air Quality this past winter

- Preliminary Data – 2020 monitoring data is formally certified and submitted to EPA on May 1st.

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<tbody>
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<td>36.3</td>
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<td>35.3</td>
<td>39.7</td>
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<tr>
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<td>31.6</td>
<td>36.7</td>
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Questions?