Assembly, Committee of the Whole

Report Out, March 24, 2017
Fairbanks Serious SIP Development Meetings

ADEC / FNSB / EPA

March 20 – 24, 2017

Site Visits
- Monitor Tour - EPA/FNSB/ADEC
- Stationary Source Site Visits

Tuesday 3/21
- Review Measures Implemented in the Borough
- Discuss Successes in Other Communities
- Review Serious Area PM$_{2.5}$ Control Requirements

- Participate in *Air Pollution Control Commission* evening session
Wednesday 3/22
• Review Design Value Development and Modeling Assumptions
• Review Emissions Inventory Development Approach
• Discuss Residential and Commercial Heating Survey Methodologies

Thursday 3/23
• Discuss Local Curtailment and Outreach Efforts
• Review and Discuss Serious area Control Measure Requirements
• Breakout sessions: Technical Discussions, TAS Grant, FMATS

Friday 3/24
• Closeout / Next Steps
• ADEC/FNSB/EPA Meeting with CCA
PM$_{2.5}$ Success Factors

- Strong Local Leadership
- Effective Curtailment Program
- Broad Stakeholder and Community Engagement
## Potential PM$_{2.5}$ Control Categories for Fairbanks

<table>
<thead>
<tr>
<th>Measure Category</th>
<th># of Measures</th>
<th>Expected Benefit</th>
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</thead>
<tbody>
<tr>
<td>Curtailment</td>
<td>26</td>
<td>Significant</td>
</tr>
<tr>
<td>Device Removal</td>
<td>4</td>
<td>Significant</td>
</tr>
<tr>
<td>Device Operation</td>
<td>18</td>
<td>Significant</td>
</tr>
<tr>
<td>Dry Wood</td>
<td>6</td>
<td>Significant</td>
</tr>
<tr>
<td>Heating Oil</td>
<td>13+</td>
<td>Significant</td>
</tr>
<tr>
<td>Device Installation</td>
<td>19</td>
<td>Near term - low</td>
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<tr>
<td>Sale of Devices</td>
<td>4</td>
<td>Near term - low</td>
</tr>
<tr>
<td>Coal</td>
<td>3</td>
<td>Limited</td>
</tr>
<tr>
<td>Coffee Roasters</td>
<td>1</td>
<td>Limited</td>
</tr>
<tr>
<td>Open Burning</td>
<td>7</td>
<td>Limited</td>
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<tr>
<td>Transportation</td>
<td>5+</td>
<td>Limited</td>
</tr>
<tr>
<td>Used Oil</td>
<td>2</td>
<td>Limited</td>
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</tbody>
</table>
Future Steps

• Continue to develop ideas
• Share information with APCC
• APCC to make recommendations to Assembly and Mayor
• Have new measures in place by next winter
Thank You