Alaska Tribal Air Summit

Alaska Tribal Priorities

Presented by: Mary Mullan
Priority Gathering Methods

- ANTHC Phase 1 Air Assessments
- Fill out annually
- Alaska Tribal Air Workgroup Poll
- Annual Poll to AK Tribal Workgroup
Priority Changes

Priorities can change with:
- Staff Turnover
- Environmental Conditions
- Community Concerns
Alaska Tribal Air Workgroup 2018 Poll

**Question:**
What is your biggest concerns regarding air quality or environmental changes that impact your community?

1. Erosion
2. Food Security
3. Road dust
4. Wood Smoke & Health Effects
5. Mold
6. Safety
7. Wildfires
8. Indoor Air Quality
9. Thawing Permafrost
10. Flooding
11. Poor Conditions of Homes
Since 2012, ANTHC has been using an Alaska Tribal Air Quality Phase 1 Assessment to help identify air quality priorities in Tribal communities. A total of 47 assessments completed by 40 communities in 2018 and a total of 203 assessments in 120 communities since 2012 have been submitted. Data indicates that Indoor Air Pollution, Road Dust, and Woodstove Emissions are the top three (3) Tribally-identified air quality concerns in Alaska in 2018.
In 2017, 35 assessments were completed in Alaska with participants from 29 communities. Indoor air quality, solid waste burning, and wood stove emissions are rated the top 3 concerns.
## ANTHC Phase 1 Air Assessments

### Indoor Air

<table>
<thead>
<tr>
<th></th>
<th>Non-EPA certified wood stoves are common in the community</th>
<th>Burning wet wood in woodstoves is common</th>
<th>Mold is present in many homes in the community</th>
<th>Common for residents to smoke in the home</th>
<th>Residents are concerned about indoor air pollution</th>
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</thead>
<tbody>
<tr>
<td>Residents are disabling or turning off ventilation systems / known homes without working ventilation</td>
<td>77%</td>
<td>54%</td>
<td>80%</td>
<td>40%</td>
<td>80%</td>
</tr>
<tr>
<td>59%</td>
<td></td>
<td>80%</td>
<td></td>
<td>40%</td>
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Creating Priorities Can Make A Change!

Plan

- Decrease the amount of indoor air pollutants & safety issues in Tribal Member homes

Actions

- Outreach / Education
- Conduct Healthy Home Assessments

Short Term Outcomes

- Builds community capacity
- Raises awareness
- Identify pollutant & maintenance sources

Long Term Outcomes

- Behavior changes
- Sustainable
- Safer environment
- Energy reduction

Overall Plan Effects

- < Respiratory Illness / Flare Ups
- < Cancer Rates
- < Physical injury
- < Bills
- > Happier, Healthier Family
Questions??

Mary Mullan
mjmullan@anthc.org
907-729-3430