**Updates from Mary Manous/EPA**

* **The Alaska Tribal Air Quality Toolkit** includes fact sheets and a video series.
  + Useful in outreach efforts, e.g. at council meeting, community meetings, youth events.
  + Order a toolkit at <http://yosemite.epa.gov/R10/TRIBAL.NSF/programs/tribalairalaska>
* **EPA AA Visit:** Assistant Administrator of EPA’s Headquarters’ Office of Air & Radiation, Gina McCarthy, will be visiting AK (Lower Kuskokwin, Bristol Bay Regions) and wants to hear about impacts of climate change.

**Presentation on Road Dust – Clark Milne/ADOT, Barbara Trost/ADEC, Cindy Williams/ADEC**

* **Road Dust Resources/Tools**
* **ADEC Road Dust Outreach Tools soon to be on the ADEC website**
  + How to control road dust, how to redesign and/or maintain roads to minimize dust, etc.
  + Current road dust outreach materials attached.
* **Youth materials (coloring books & games) are being developed.** Contact Cindy Williams at 907-451-5172 or [cynthia.williams@alaska.gov](mailto:cynthia.williams@alaska.gov).
* **EPA Tools**:
  + Fact Sheet on Dust Control**:** [www.epa.gov/owow/NPS/gravelroads/sec4.pdf](http://www.epa.gov/owow/NPS/gravelroads/sec4.pdf)
  + EPA Alaska Healthy Villages Fact Sheets & Videos (includes road dust) [www.epa.gov/region10/tribal/air/alaska.html](http://www.epa.gov/region10/tribal/air/alaska.html)
* **Key Points**
  + Dust control is expensive (shipping dust control products = 50% cost).
  + Cheapest method of dust control is to use speed limits.
  + Targeting dust control may require trained teams/tribal entities to execute.
  + The Congressional Delegation and Alaska Legislature are very aware of the problem and that solutions are needed.
  + We need to assess where the main areas of concern are in each village and develop community-based solutions (may involve targeting specific problem areas in a village). A community-supported road dust management plan is essential to develop before approaching legislators.
* **Contacts**
  + ADEC contact: Barbara Trost: [barbara.trost@alaska.gov](mailto:barbara.trost@alaska.gov)
  + ADEC Road Dust Palliative Project [www.dec.alaska.gov/air/anpms/pm/dust.htm](http://www.dec.alaska.gov/air/anpms/pm/dust.htm)
  + ADOT contact: Airport Dust
    - Northern Alaska – Clark Milne at [clark.milne@alaska.gov](mailto:clark.milne@alaska.gov)
    - South Central & South Eastern Alaska – Randy Vanderwood at [randy.vanderwood@alaska.gov](mailto:randy.vanderwood@alaska.gov)
  + To submit a dust control survey, contact [Cynthia.Williams@alaska.gov](mailto:Cynthia.Williams@alaska.gov) or 451-5172.
* **Background on AK Road Dust Project:** EPA & DEC sponsored monitoring of road dust in Alaska since 2003 on PM 2.5 & PM 10. DOT has 5800 miles road with dust control on 800 miles. Many Alaska Native Villages have no infrastructure for dust suppression, and road dust control is expensive. Water & calcium chloride are the cheapest options. Paving is not a practical solution; maintenance is expensive. Most suppression is done with calcium chloride to keep down fugitive dust.
* **Road Dust Survey – Results**
  + Over 100 communities expressed significant road dust problems. A map has been created.
  + Last year’s survey analysis is available but will be several months before the new results are ready.
* **Pilot Project**: The 2009 Legislature approved funding to test palliatives. Eight Alaska Native Villages doing pilot testing include Ambler, Bethel, Buckland, Kiana, Kotzebue, Noatak, Noorvik, and St. Mary's.
* **Airports** 
  + Since 2001, DOT has used chemical dust suppressions mainly at airports (48 to date); however, calcium chloride is corrosive to planes.
  + Nine airstrips receiving dust suppressants in 2011: Buckland, Eagle, Hughes, Kantishna, Kotzebue, Noatak, Norvik, Russian Mission, White Mountain. Four in 2012: Deering, Kobuk, St Michaels, Wales.

**ANTHC – Updates**

* Mini-grants are out and staff are working with communities (Chris Fish).
* James Temte is working with Nuiqsut to do small air sampling project. Coming to the end of the study and will present the results back to the community.

**ITEP’s recent *Management of Tribal Air Quality in Alaska* Training**

* Materials from this training include planning/work plan tools, tribal case studies, project management resources, available at [http://itep68.itep.nau.edu/itep\_downloads/Mgmt-AK Resources/](http://itep68.itep.nau.edu/itep_downloads/Mgmt-AK%20Resources/).
* For more information contact Patricia Ellsworth at [patricia.ellsworth@nau.edu](mailto:patricia.ellsworth@nau.edu).

**Training & Conferences**

|  |  |  |  |
| --- | --- | --- | --- |
| **Conference Name** | **Date** | **Location** | **Website** |
| EPA Tribal Grant Guidance | May 24-25 | Bethel | <http://petetribal.org/> |
| Identifying Hazards & Developing Solutions in Rural Alaska (solid waste administration training – SWA) | May 24-25 | Anchorage | <http://www.akforum.com/training.html> |
| National Tribal Forum | June 14-15, 2011 | Spokane, Washington | <http://www4.nau.edu/itep/air/aq_ntf11.asp> |
| ANTHC 7 Generations Training | June 14-16  July 12-14  Aug 15-17 | Gakona  Kiana  Klawock | <http://www.anthc.org/chs/ces/hve/7-generations.cfm> |
| National Asthma Forum | June 9-10 (deadline to register for hotel - May 11) | Washington DC | <https://www.epaasthmaforum.com/> |
| Integrated Solid Waste Management Planning | August 2011 | Anchorage | [www.zendergroup.org/sw.html](http://www.zendergroup.org/sw.html) |
| 2011 Tribal Lands & Environment Forum | Aug 23-25 | Green Bay, Wisconsin | [http.//www.epa.gov/Indian/calendar/conferences.htm-aug23-25](file:///C:\Documents%20and%20Settings\mmanous\Local%20Settings\Temp\notesBAAA25\http\www.epa.gov\Indian\calendar\conferences.htm-aug23-25) |
| ITEP IAQ for Alaska -- Tanana Chiefs | Sept. 13-16 | Fairbanks |  |

**Grants**

* EPA Hazardous Waste Management Grant Program for Tribes – Request period: Spring 2011:<http://www.epa.gov/epawaste/wycd/tribal/finance.htm>
* EPA Tribal Solid Waste Management Assistance Project –Request period: Spring 2011: <http://www.epa.gov/epawaste/wycd/tribal/finance.htm>

**Next Tribal Air Call: Monday, July 11th at 10 am Alaska Time:** Send your ideas for topics for future calls to Mary Manous ([Manous.Mary@epa.gov](mailto:Manous.Mary@epa.gov)) or Rose Kalistook ([rkalistook@nativecouncil.org](mailto:rkalistook@nativecouncil.org))