

A quick look at
Mobile Sources
of Air Pollution

National Tribal Forum

2019

What is a Mobile Source?

- On-Road
 - On-road vehicles include:
 - Motorcycles;
 - Passenger cars and trucks; and
 - Commercial trucks and buses.

What is a Mobile Source?

- Non-Road
 - Nonroad vehicles and engines include:
 - Aircraft;
 - Heavy equipment;
 - Locomotives;
 - Marine vessels;
 - Recreation vehicles (snowmobiles, all-terrain vehicles, etc.); and
 - Small engines and tools (lawnmowers, etc.).

What is a Mobile Source

Pat's Definition:

- If it is man made
- Not bolted down
- And has potential to pollute

Its probably a mobile source

Don't forget about the fuel too

- Gasoline
 - Winter
 - Summer
 - RFG
 - Designer fuels
- Diesel
 - Diesel Onroad (ULSD)
 - Nonroad
- Jet Fuel (Diesel for Jets)
- Av-Gas (gasoline for propeller airplanes)
- Bunker Fuel – Ship fuel

Why should Tribes care?

- Mobile sources are a large portion of air pollution issues –*nationally and even larger in some local areas*
- Tribes can have a voice in National mobile source regulations of Air Pollution - *Sarah and Will covered earlier*
- Tribes can have a role in mobile source voluntary programs – *DERA program discussed by Lucita*
- Tribes can play a role in compliance locally (our focus)

Local Focus' to consider

- Idling - How long is too long?
- Fuels – What should gas stations be selling/getting your money's worth?
- Tampering – don't make changes that make the engine pollute more

What form can Tribal involvement take?

- Education/Outreach – make sure your car purrs leave that cat alone
- Compliance Ensurance – Is your Tribal (and other) gas stations receiving and selling the proper fuel for your area/season?
- Enforcement – Tribal idling laws

How can Tribes stay up to date on Mobile Source Issues?

- EPA
 - Sarah Sullivant, Lucita Valiere - Office of Transportation and Air Quality
 - EPA Regional Contacts
 - Pat Childers - Office of Air and Radiation
- NTAA
 - Regional NTAA Representative
 - Policy Calls
 - New Mobile Source Subcommittee – Andy Bessler
- ITEP
 - VW Settlement – Mark Daniels
 - TAMS Steering Committee – Regional Rep/Chris Lee

Thank You – Drive Safe (or ride a bike instead)

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