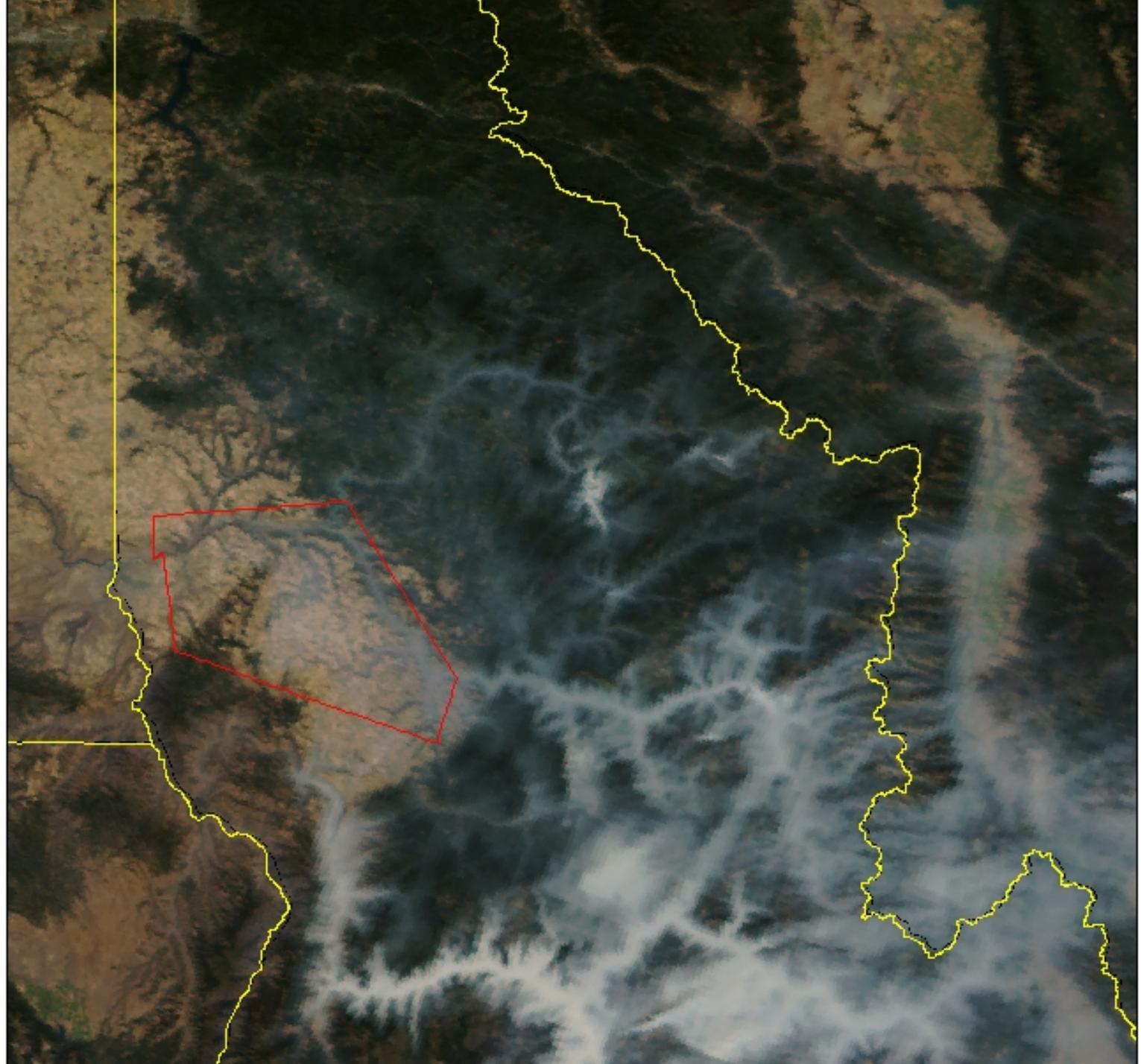


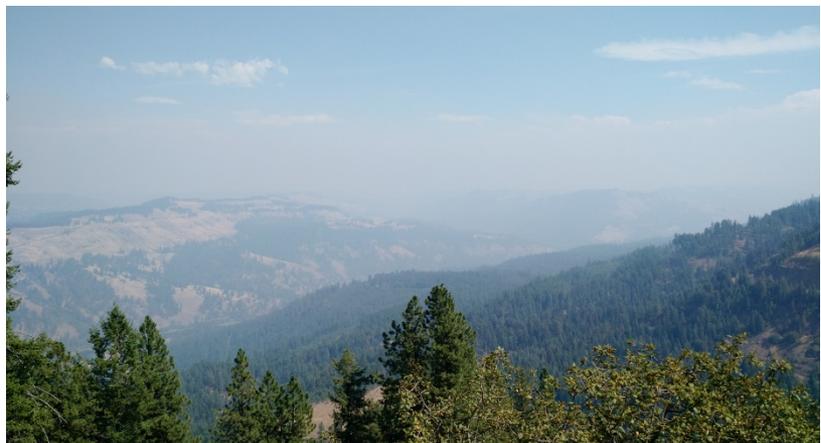
# Tribal Smoke Management Programs: Wildfire Smoke Response & Outreach

Andrea Boyer

Nez Perce Tribe

ERWM Air Quality Program





August 12, 2014  
PM2.5 = 200 ug/m<sup>3</sup>



September 4, 2014  
PM2.5 = 4 ug/m<sup>3</sup>

# Clean Air Act (CAA)

## Implementation on Reservations

- **State Implementation Plan (SIP)**
  - EPA approves a State to administer CAA-delegated programs - *SIPs are not applicable within reservations*
- **Tribal Implementation Plan (TIP)**
  - EPA approves a Tribe to administer CAA-delegated programs
- **Inherent Tribal Sovereign Authority**
  - Tribe administers air quality program under own authority
- **Federal Implementation Plan (FIP)**
  - EPA promulgates rules/establishes CAA programs for states or Indian reservations
  - Program delegation

# **Nez Perce Tribe FIP: Federal Air Rules for Indian Reservations (FARR)**

- Set of air quality regulations established under the Clean Air Act
- Effective June 7, 2005
- Specific to EPA Region 10
  - Reservations in Idaho, Oregon and Washington
- Address regulatory gap
- Make air quality standards on reservations consistent with standards off
- Applies to all residents
- Delegated Partial Administrative Authority

# Burn Bans and the National Ambient Air Quality Standards

- Three permanent monitoring sites
- Two portable monitors
- CASTNET, AMoN & Ozone site
- Air Quality Advisories & Burn Bans
  - Levels have exceeded or are expected to exceed 75% of the NAAQS for particulate matter



**Air Quality Advisory Remains in Effect  
for the Nez Perce Reservation**



<b>Date/Time:</b>	Wednesday, August 12, 2015, 10:00am
<b>Description of Air Quality Event:</b>	Due to wildfire smoke from the Lawyers Complex, the <u>Air Quality Advisory</u> issued for the Nez Perce Reservation remains in effect. Wildfire smoke will continue to move in and out of the area during the day and overnight. Some areas may be more impacted than others, so please take appropriate precautions.
<b>Affected Areas:</b>	All areas on the Nez Perce Reservation.
<b>Air Quality Index (AQI) Category:</b>	Air quality in the town of Nezperce is currently in the "Hazardous" category. Areas of the Reservation along the Clearwater River Corridor from Stites to Lenore and the Camas Prairie communities of Craigmont, and Reubens are in or trending toward the "Unhealthy" category. Air quality is currently in the "Moderate" category for the western portion of the Reservation including the communities of Lapwai and Culesac. Winds are forecasted to be variable for the next 24 hours, so local air quality will improve and worsen as smoke moves in and out of communities. See additional health advisory information and recommended actions below.
<b>Restrictions:</b>	No EPA/NPT burn permits will be approved. This action does not apply to fires set for cultural or traditional purposes (FARR General Rule for Open Burning, Section 49.131).
<b>Next Update:</b>	These restrictions are <b>in effect through 10:00am Thursday, August 13<sup>th</sup>, 2015</b> . Conditions will be reassessed at that time.

AQI FOR PARTICULATE POLLUTION		
<a href="http://www.airnow.gov/index.cfm?action=pubs.aqguidepart">www.airnow.gov/index.cfm?action=pubs.aqguidepart</a>		
AQI	Air Quality Category	Health Advisory
0-50	Good	It's a great day to be active outside!
51-100	Moderate	Unusually sensitive people should <i>consider reducing</i> prolonged or heavy outdoor exertion.
101-150	Unhealthy for Sensitive Groups	Sensitive people should <i>reduce</i> prolonged or heavy exertion.
151-200	Unhealthy	Sensitive people should <i>avoid</i> prolonged or heavy outdoor exertion. Everyone else should <i>reduce</i> prolonged or heavy exertion.
201-300	Very Unhealthy	Sensitive people should <i>avoid all</i> physical activity outdoors. Everyone else should <i>avoid</i> prolonged or heavy exertion.
301-500	Hazardous	Everyone should <i>avoid all</i> physical activity outdoors. Sensitive people should remain indoors and keep activity levels low.

*Sensitive groups include infants, children, pregnant women, elders, people who have high exposure (those who work, exercise, or spend extensive time outdoors), and those with existing health conditions or chronic diseases like asthma, emphysema, bronchitis, heart disease, COPD or diabetes.*

**Idaho Smoke Information Blog:** [idsmoke.blogspot.com](http://idsmoke.blogspot.com)  
**Idaho Fire Information Blog:** [idahofireinfo.blogspot.com](http://idahofireinfo.blogspot.com)  
**Idaho Department of Health and Welfare:** [Wildfire Smoke and Your Health](http://WildfireSmokeandYourHealth.com)

If you have questions, please contact:  
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 208-843-9381 | 1-800-720-4089  
 Email: [airquality@nezperce.org](mailto:airquality@nezperce.org) | Website: [www.nezperce.org/AirQuality/](http://www.nezperce.org/AirQuality/)

# Collaboration

- Area Schools & Health Facilities
- Other Regulators and Practitioners
- Other Tribes – Culturally Appropriate, Tribal Community Specific, Multiple Formats

