Confederated Tribes of the Colville Reservation

EMISSION INVENTORY AN ODYSSEY
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LOCATION
COLVILLE RESERVATION MAP
HISTORY OF EI EFFORTS

- Colville Confederated Tribes Emission Inventory Process Report, August 2001
- Plan for the Development of an Annual Emission Inventory System, November 2003
- Point Source Emission Inventory for the Confederated Tribes of the Colville Reservation - prepared for Western Governors' Association and The Western Regional Air Partnership (WRAP), 2006
NEW STEPS

Inventory Preparation Plan

Emission Inventory 2008
USES OF EI DATA

- Identify sources
- Monitor sources for changes
- Follow trends over time
- Effects result from new sources or facility shutdowns
- Provides information for potential inspections
- Region 10 goals
- NEI submission
PHASED APPROACH

- Phase I – Base line using existing data
  + FARR registration

- Phase II – Nonpoint sources added
  + Roads
  + Wildfires
  + Prescribed burning
  + Wood Stove

- Phase III – Off Reservation sources
  + Parts of five counties
  + Identify sources that may affect Reservation
PHASE ONE - DATA COLLECTION

- Title V permits and reporting documents
- Title V fee calculation worksheets and facility applications
- Non Title V permits
- FARR Registration
- Full Compliance Evaluation Technical Report
PHASE ONE

- Level 4 Inventory
- Identified Additional Emission Sources
- Conducted Compliance Assistance
- Need to Identify Air Sheds
PHASE TWO AND THREE

- Road Information
- Wildfire
- Prescribed Burning
- Wood Stove Use – Non Point
- Off Reservation Sources
EMISSION INVENTORY

- Included Criteria Pollutants Only
- Point Sources
  - Saw Mill
  - Plywood Plant
  - Asphalt Batch Plant
  - Concrete Batch Plant
  - Gasoline Stations
  - Wood Pellet Plant
OKANOGAN VALLEY
CONTINUING THE EI JOURNEY

- Three Years of Data
- Regional Workgroup
- Identify More Sources
- Add New Sources as Built
- Use Information with Other Foundation Blocks