

# Tribal Resource Assessment

Developing Priority Treatment Areas  
and Acres

# Priority Treatment Area Boundaries

- Propose using NRCS Landuse dataset
  - Subdivide Tribal land based on landuse
  - Boundaries surround a total landuse category
  - Provides widest latitude for tribes to treat a resource concern on a landuse
  - NRCS could develop Priority Treatment Areas and each Tribe could review and modify if necessary

# Priority Treatment Area Boundaries

- The following three maps are examples of possible Priority Treatment Areas
  - Each map shows the NRCS Landuse dataset in the background
  - The first map is for **Range** – it includes both grazed range and grazed forest
  - The second map is for **Forest** – it includes both forest and grazed forest
  - The third map is for **Crop** – it includes both irrigated and non-irrigated cropland

WASHINGTON STATE  
Natural Resources  
Conservation Service

Spokane Tribe

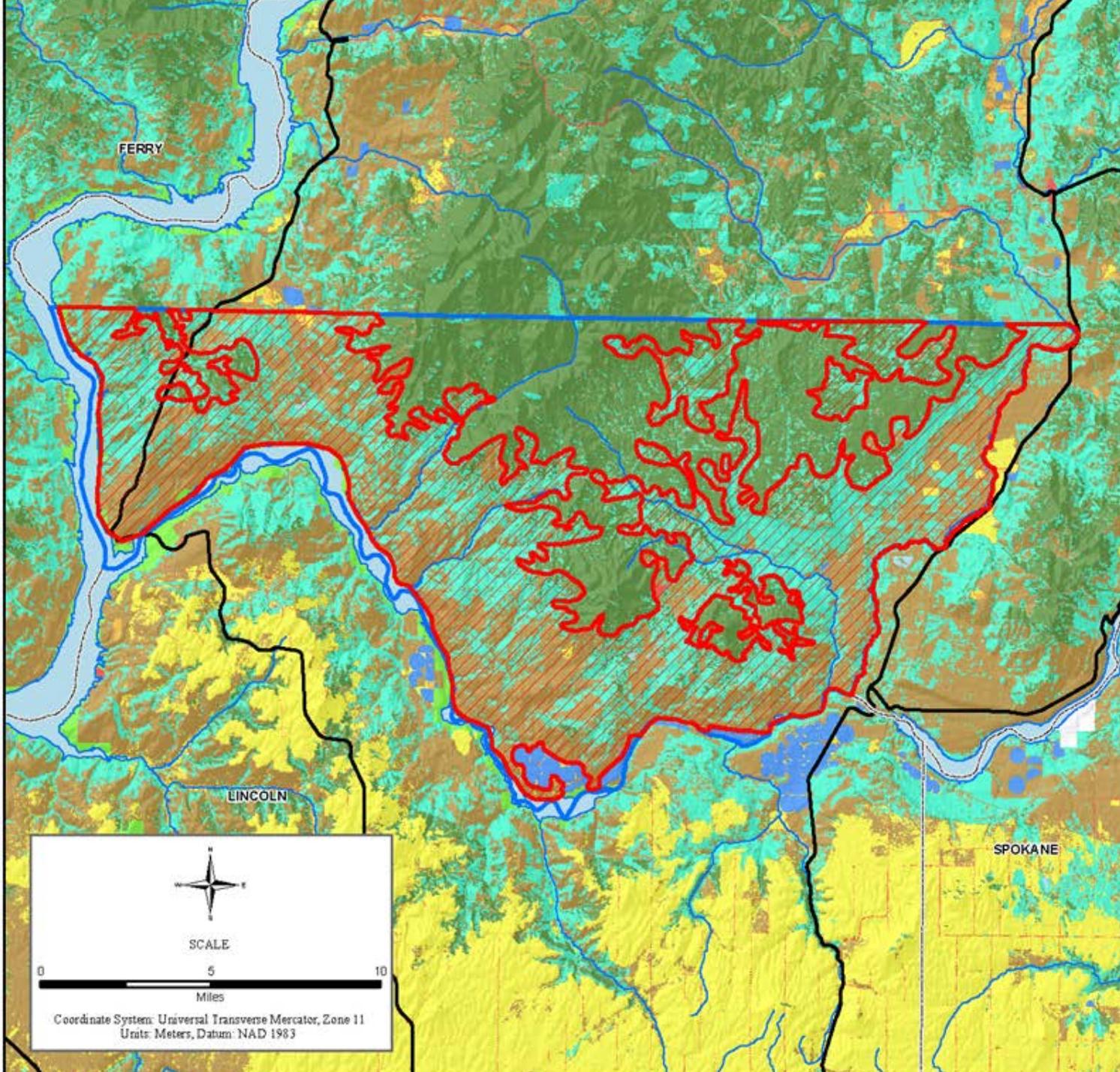
Draft  
Range Priority  
Treatment Area

Legend

- State Routes
- Streams
-  Draft Priority Resource Concern Treatment Area
-  Tribal Boundary
-  County Boundaries

NRCS Landuse Categories

-  Crop - Irrigated
-  Crop - Non-Irrigated
-  Forest
-  Grazed Forest
-  Grazed Range
-  Natural Area
-  Pasture
-  Recreation
-  Urban
-  Water
-  Wildlife



Coordinate System: Universal Transverse Mercator, Zone 11  
Units: Meters, Datum: NAD 1983



WASHINGTON STATE  
Natural Resources  
Conservation Service

Spokane Tribe

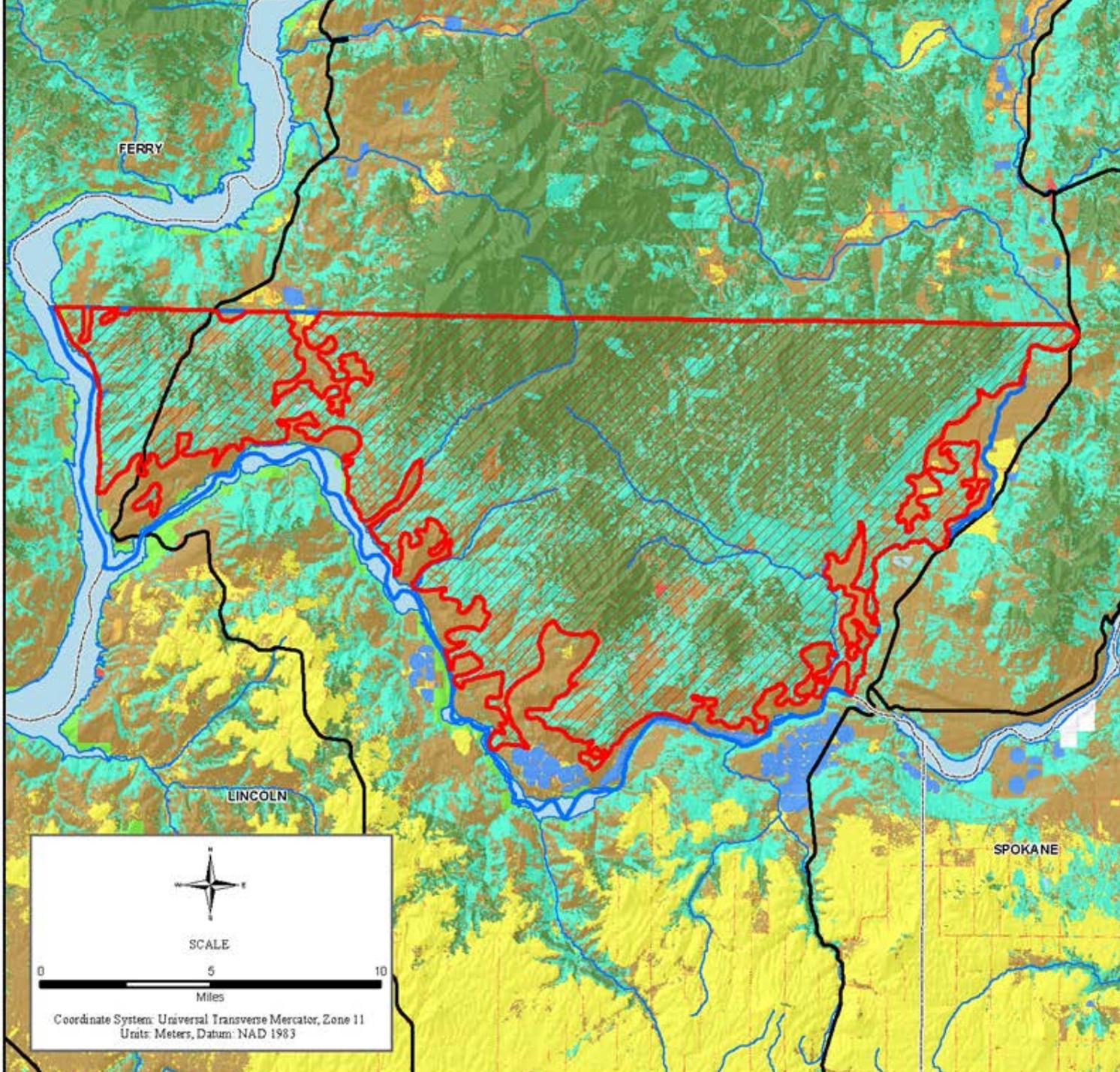
Draft  
Forest Priority  
Treatment Area

Legend

- State Routes
- Streams
-  Draft Priority Resource Concern Treatment Area
-  Tribal Boundary
-  County Boundaries

NRCS Landuse Categories

-  Crop - Irrigated
-  Crop - Non-Irrigated
-  Forest
-  Grazed Forest
-  Grazed Range
-  Natural Area
-  Pasture
-  Recreation
-  Urban
-  Water
-  Wildlife



SCALE



Coordinate System: Universal Transverse Mercator, Zone 11  
Units: Meters, Datum: NAD 1983



WASHINGTON STATE  
Natural Resources  
Conservation Service

Spokane Tribe

Draft  
Cropland Priority  
Treatment Area

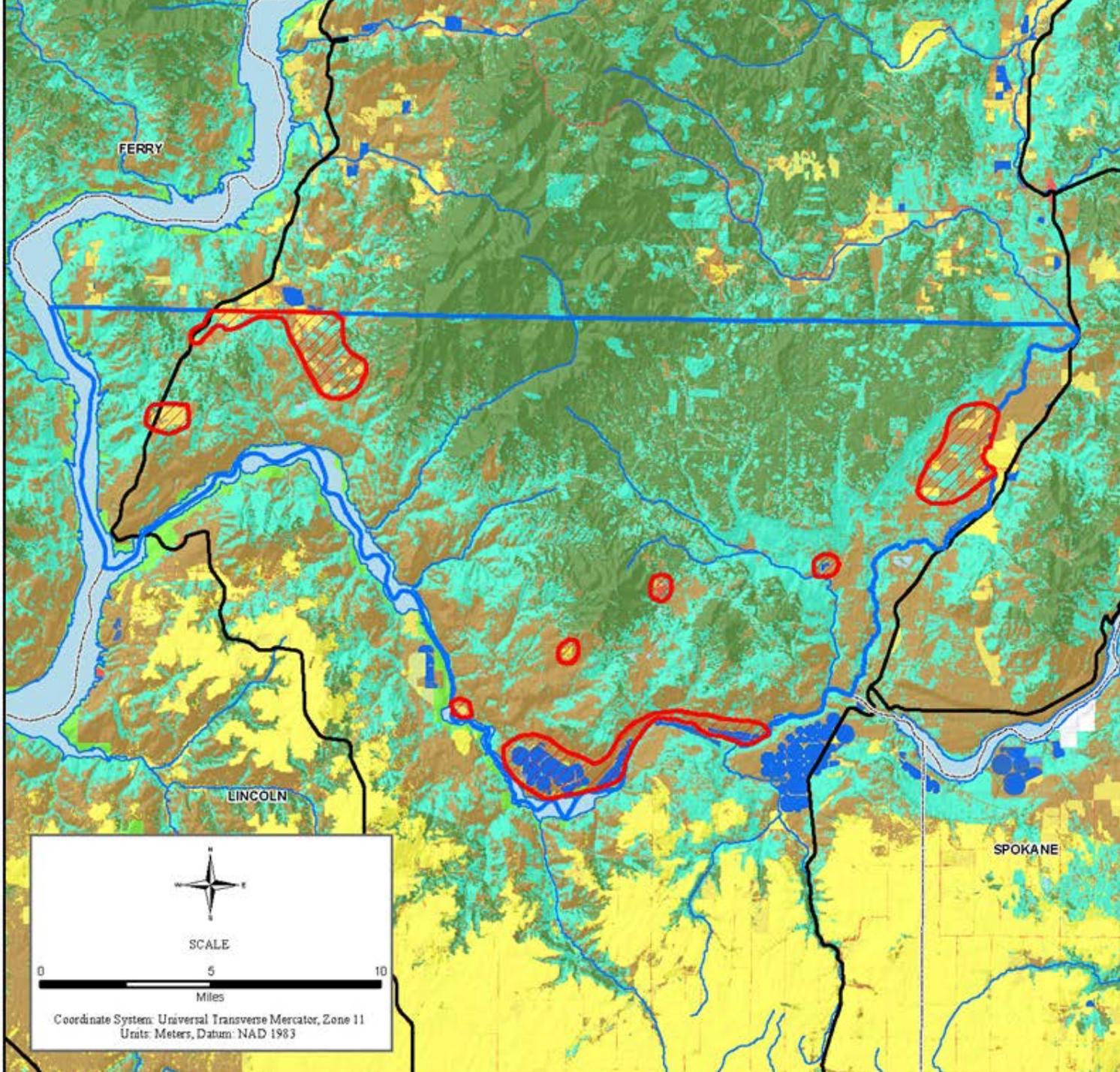
Legend

- State Routes
- Streams
-  Draft Priority Resource Concern Treatment Area
-  Tribal Boundary
-  County Boundaries

NRCS Landuse Categories

-  Crop - Irrigated
-  Crop - Non-Irrigated
-  Forest
-  Grazed Forest
-  Grazed Range
-  Natural Area
-  Pasture
-  Recreation
-  Urban
-  Water
-  Wildlife

NRCS Crop Landuse supplemented on this map by 2011 WSDA Crop dataset.



SCALE



Coordinate System: Universal Transverse Mercator, Zone 11  
Units: Meters, Datum: NAD 1983

# Developing Acres

- The acres below are from the NRCS Landuse dataset and reflect what is shown within the Tribal boundary on the previous maps
  - The NRCS Landuse dataset is a geospatial model, therefore the acres are estimates

<b>Crop – Irrigated</b>	1,484.37
<b>Crop - Non-Irrigated</b>	420.38
<b>Forest</b>	53,099.02
<b>Grazed Forest</b>	48,614.37
<b>Grazed Range</b>	46,389.21
<b>Pasture</b>	54.85
<b>Urban</b>	383.70
<b>Water</b>	435.50
<b>Wildlife</b>	14.50
<b>Total Acres</b>	150,895.89

# Developing Acres

- There are three acreage counts needed for the Tribal Resource Assessment
  - **Potential At Risk Acres** - land that is at risk or vulnerable to a resource concern. The NRCS Landuse acres could be used here.
  - **Acres Needing Treatment** – the number of acres that need to be treated for the resource concern. This could be a percentage of the Potential at Risk Acres, or a known amount.
  - **Priority Treatment Acres** - the number of acres identified for treatment for a specific resource concern during the 3 year period from FY 2012 through FY 2014.

# Developing Acres

- Using the examples in the previous slides, the **Range** landuse acres for an identified resource concern could look like this:
  - **Potential At Risk Acres:**
    - Grazed Forest @ 48,614.37 acres + Grazed Range @ 46,389.21 = 95,000.00 acres (rounded)
  - **Acres Needing Treatment:**
    - 95,000 acres x 80% = 76,000 acres
    - Or known amount: 65,000 acres
  - **Priority Treatment Acres:**
    - 10,000 acres

# Developing Acres

- Or the **Range** landuse acres for an identified resource concern could be provided by each Tribe based on Tribal GIS data and/or local knowledge
  - **Potential At Risk Acres:**
    - 105,000.00 acres
  - **Acres Needing Treatment:**
    - 105,000 acres x 65% = 68,250 acres
    - Or known amount: 65,000 acres
  - **Priority Treatment Acres:**
    - 15,000 acres