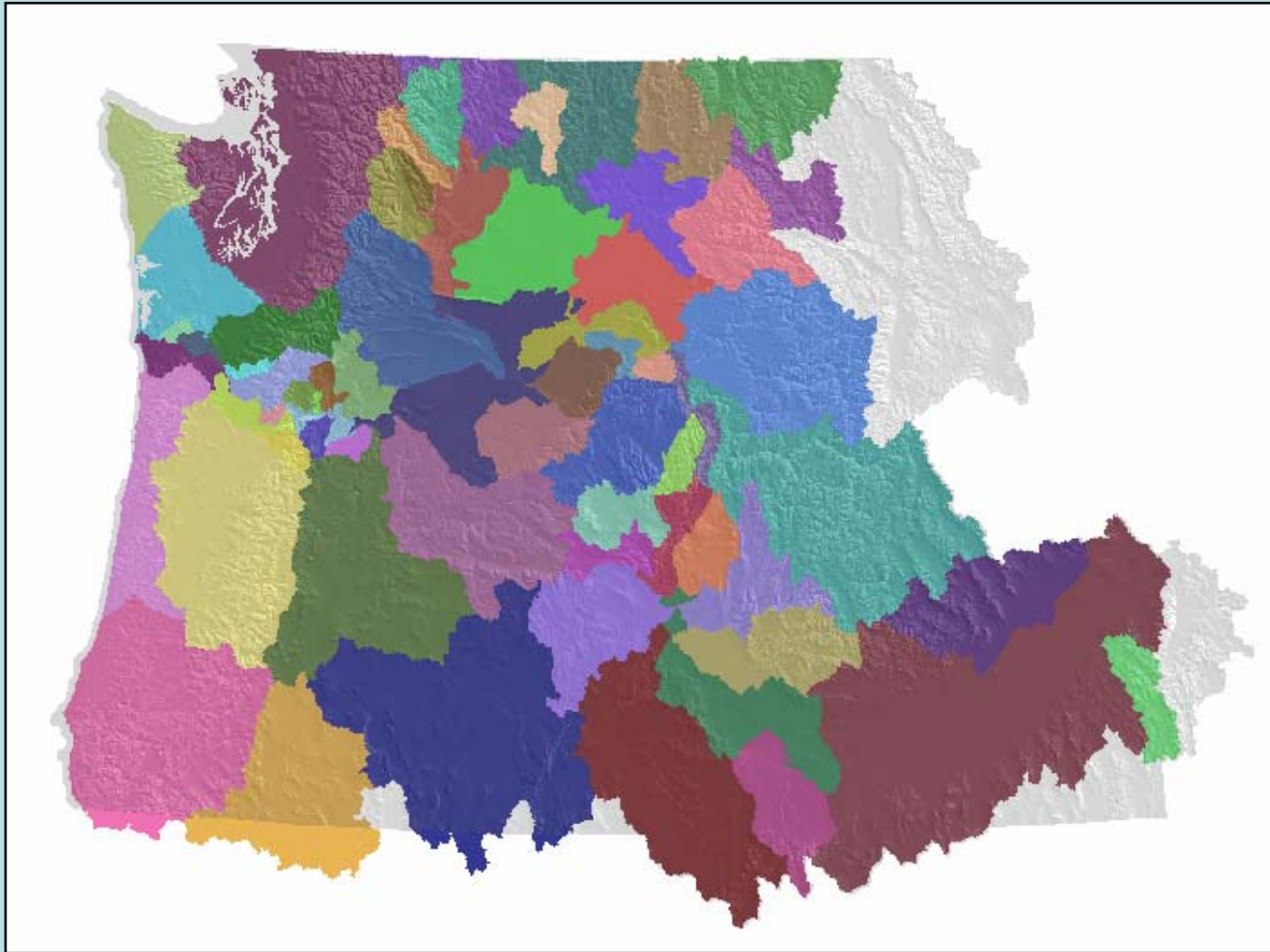
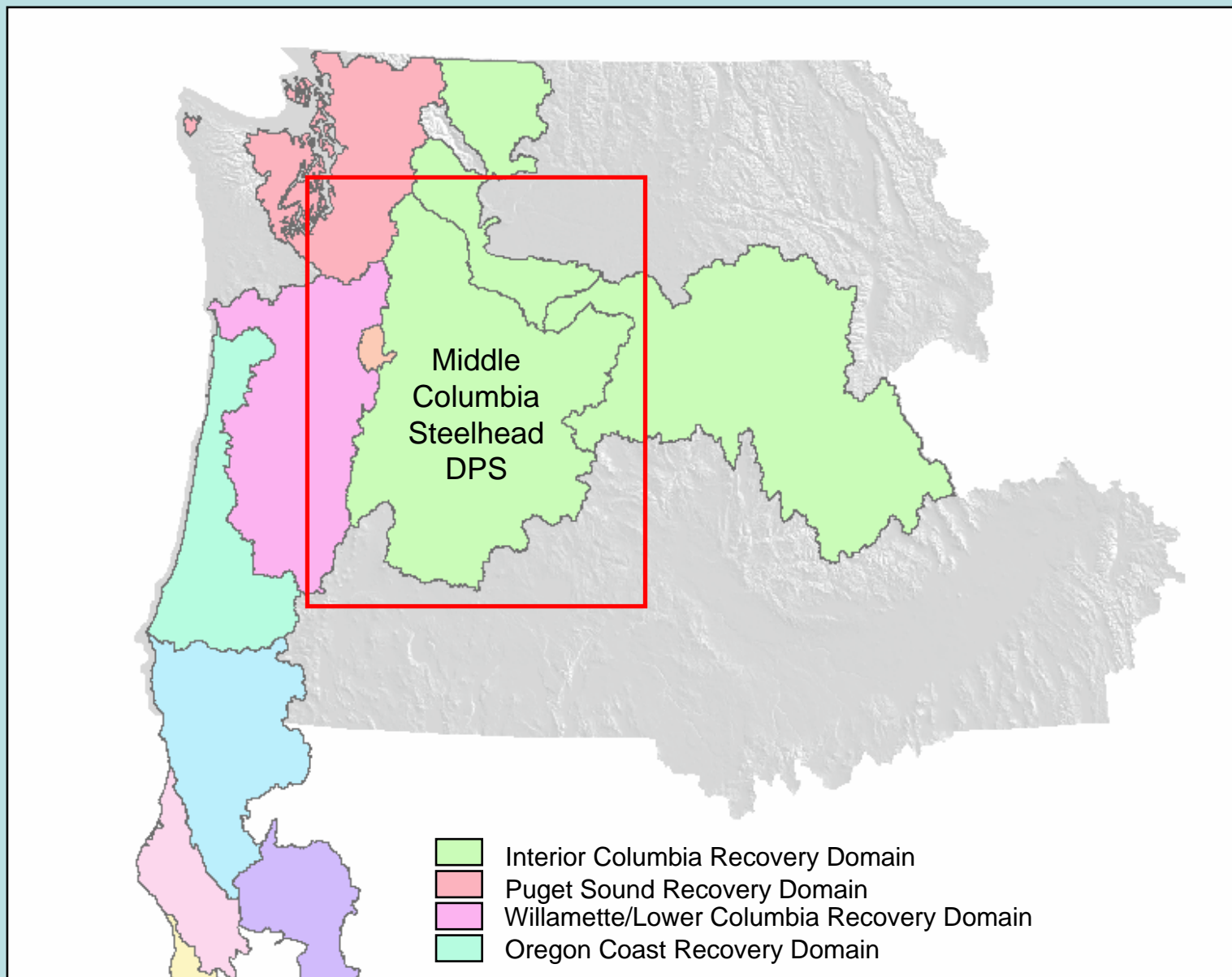




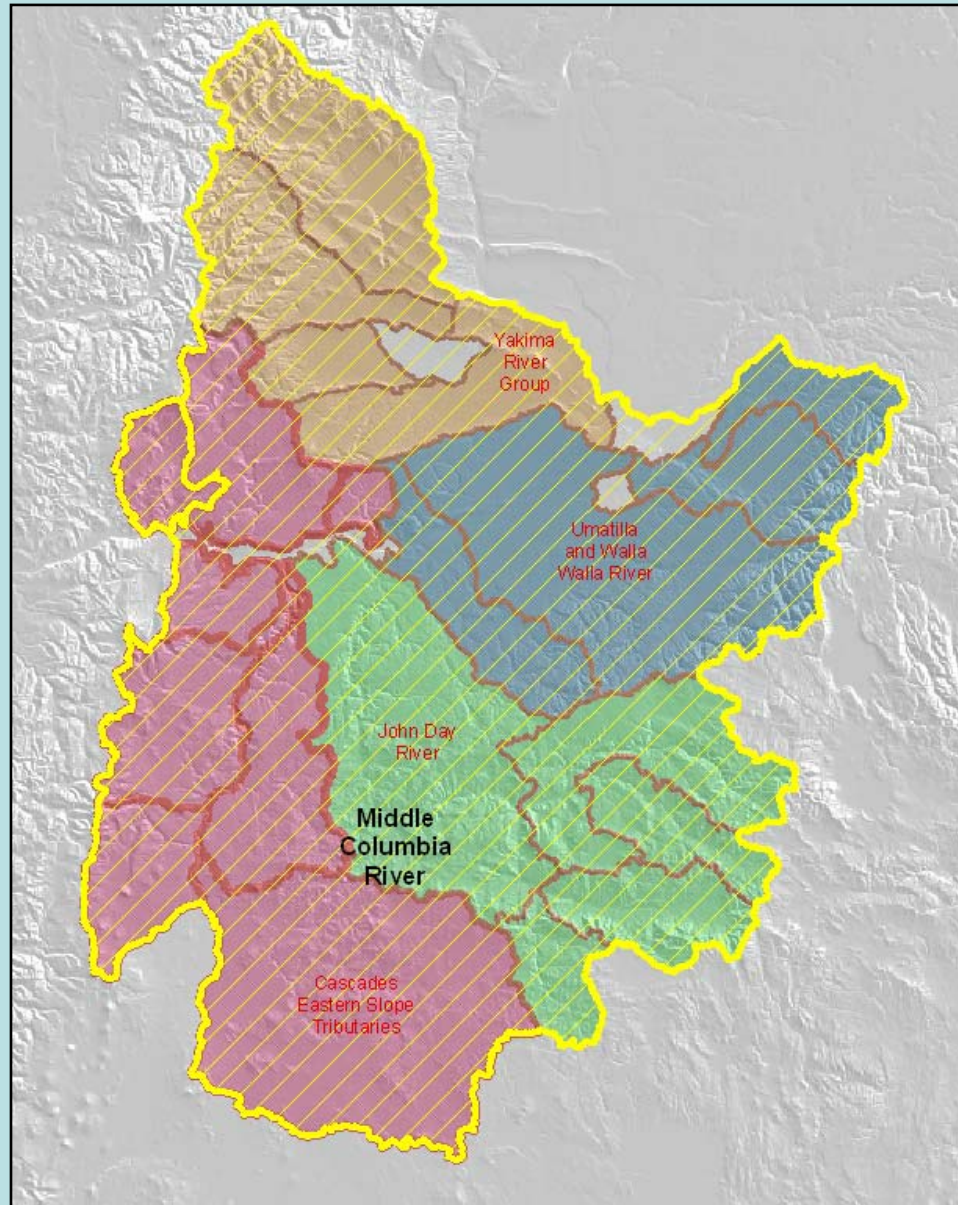
# Northwest Power and Conservation Council Sub-Basins



# NOAA Fisheries Recovery Domains

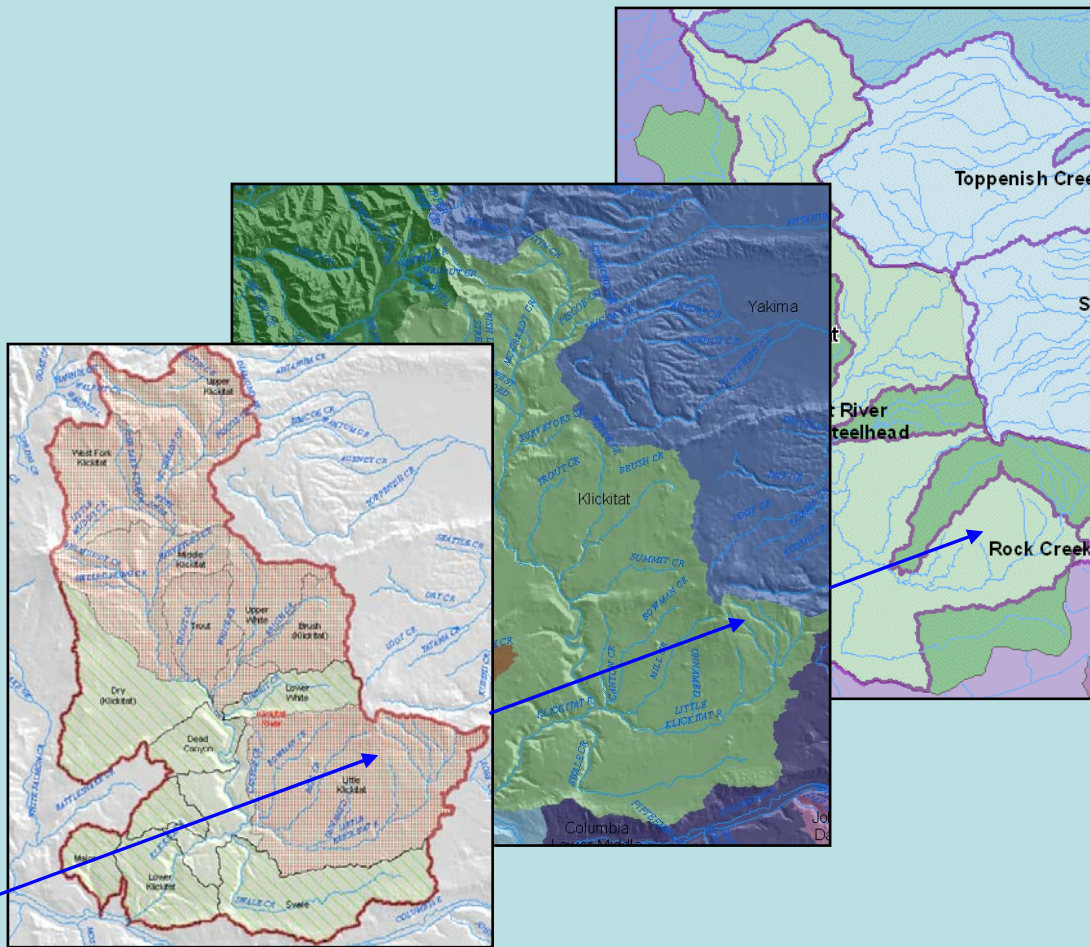


# Middle Columbia River Steelhead DPS and Major Population Groups





# Using ArcReader...

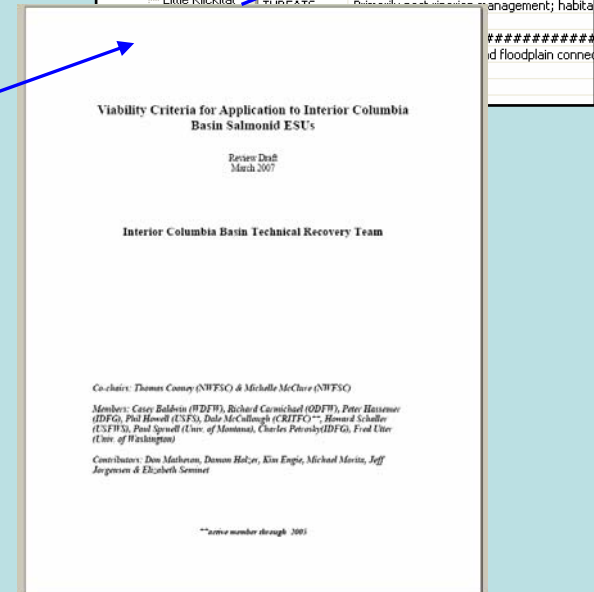


Identify

Identify from: Major and Minor Spawning Areas

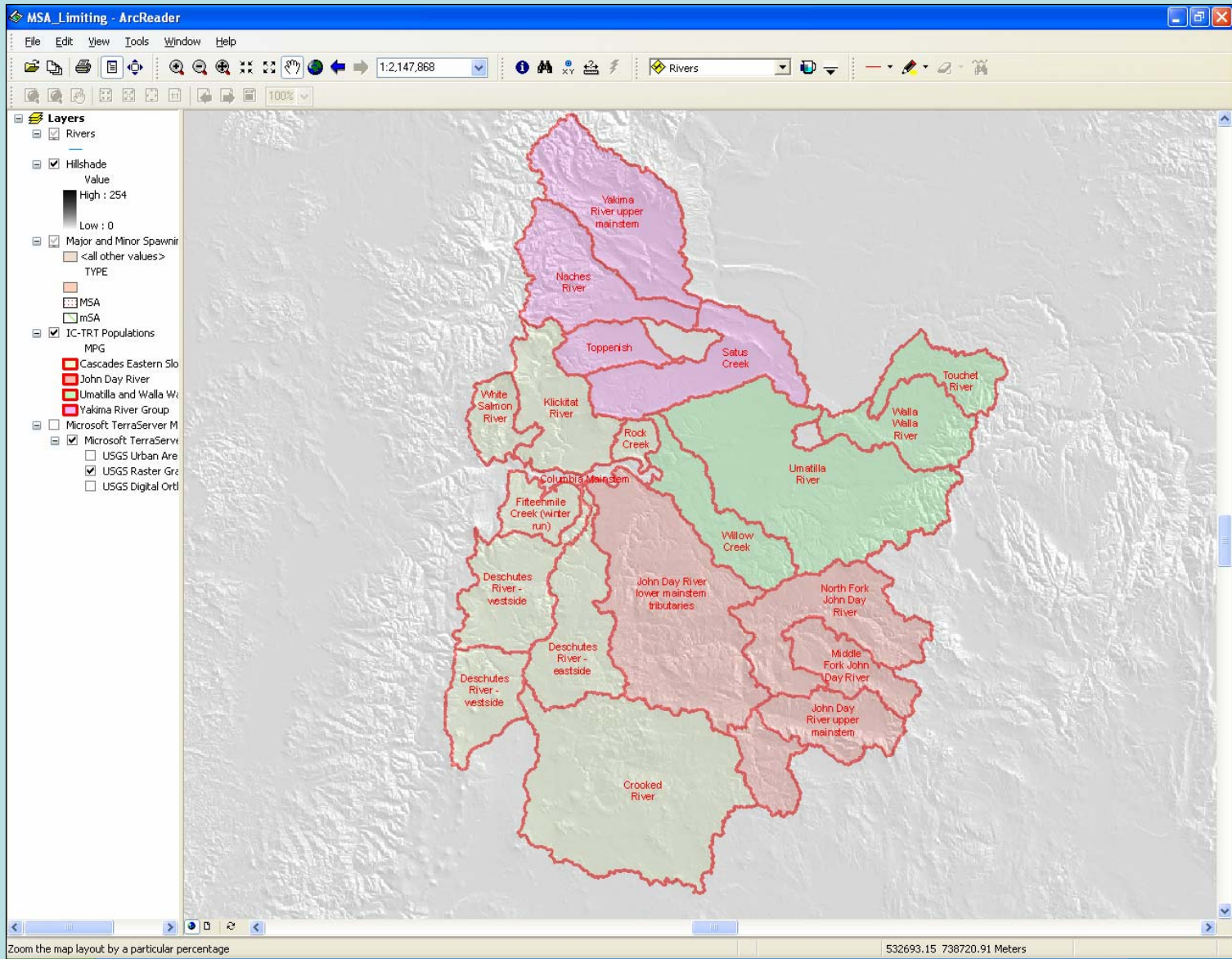
Major and Minor Spawning: Little Klickitat

Field	Value
OID	4
MSA_NAME	Little Klickitat
YN_MSA_NAME	Upper Little Klickitat M
LIMITING_F	Reduced key habitat quantity, floodplain c
VSP_PABAME	Abundance, productivity
AFFECTED_S	Little Klickitat R.; W. Prong; E. Prong; Butle



We Can Make Connections Between Previously Unrelated Datasets and Documents

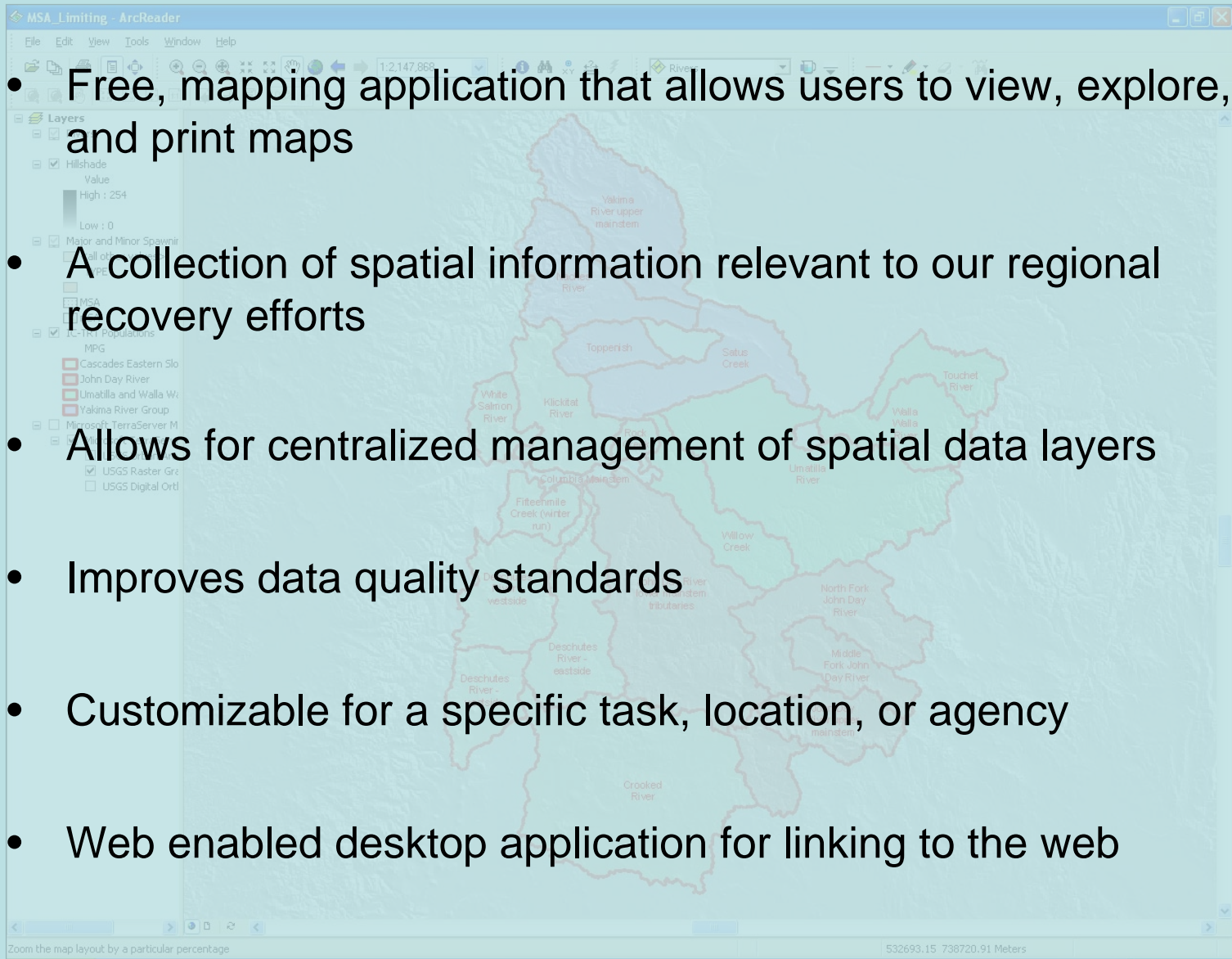
# What is ArcReader ?



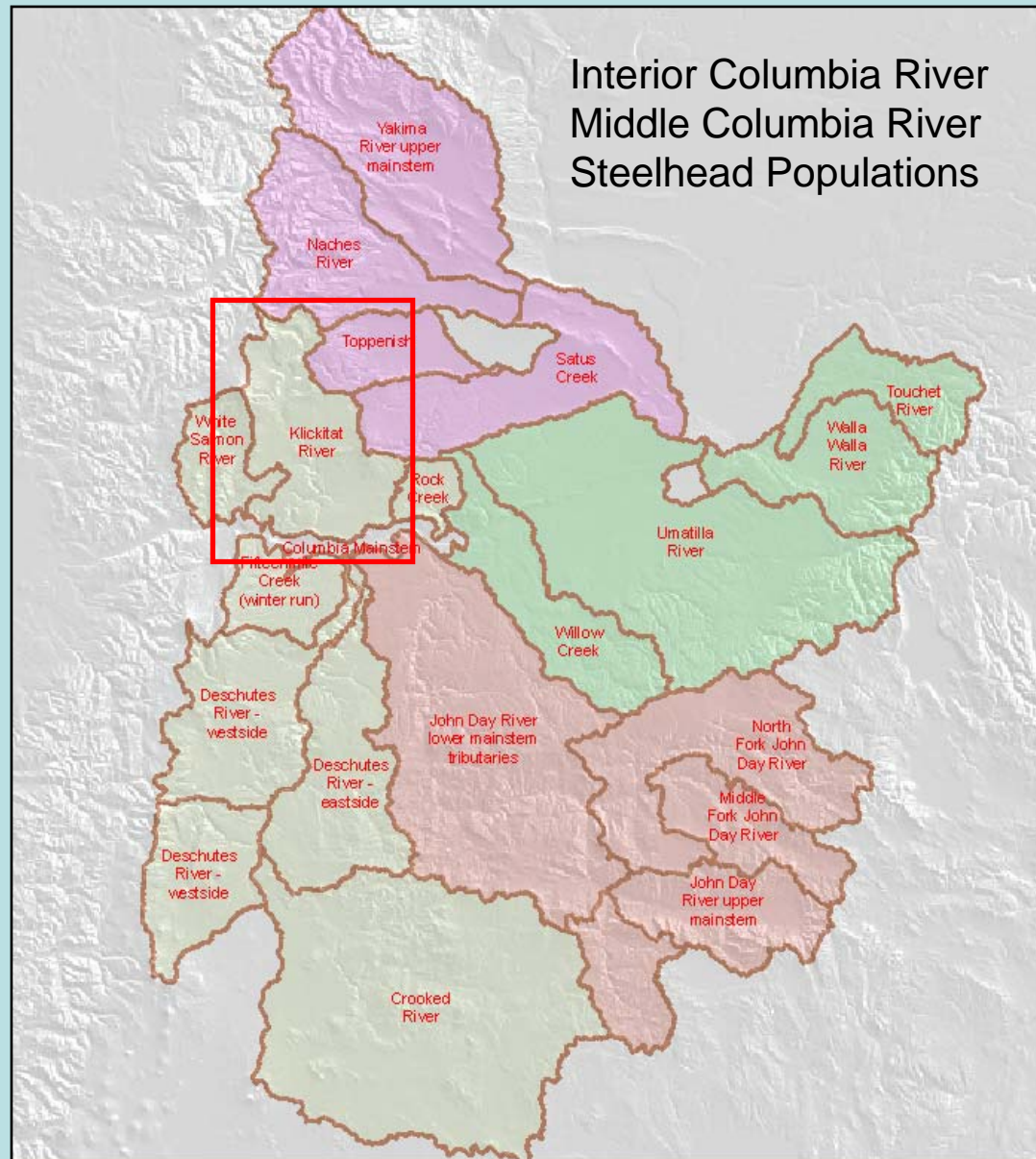


# ArcReader

- Free, mapping application that allows users to view, explore, and print maps
- A collection of spatial information relevant to our regional recovery efforts
- Allows for centralized management of spatial data layers
- Improves data quality standards
- Customizable for a specific task, location, or agency
- Web enabled desktop application for linking to the web



# Exploring the Data...



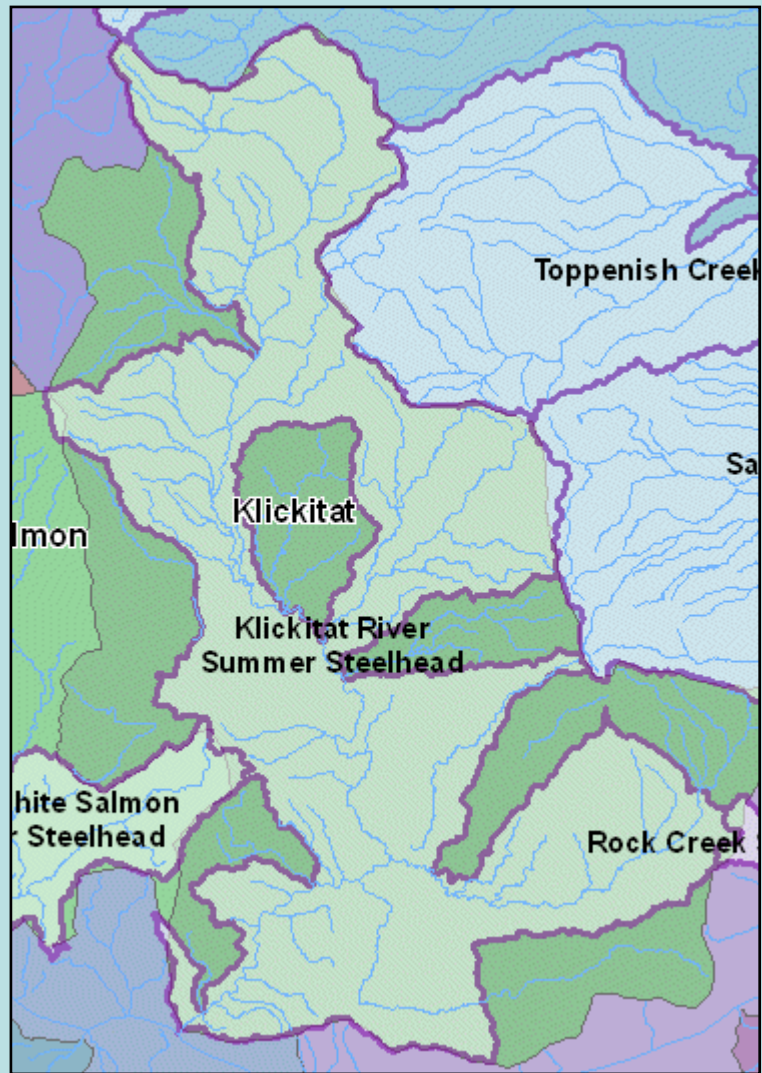




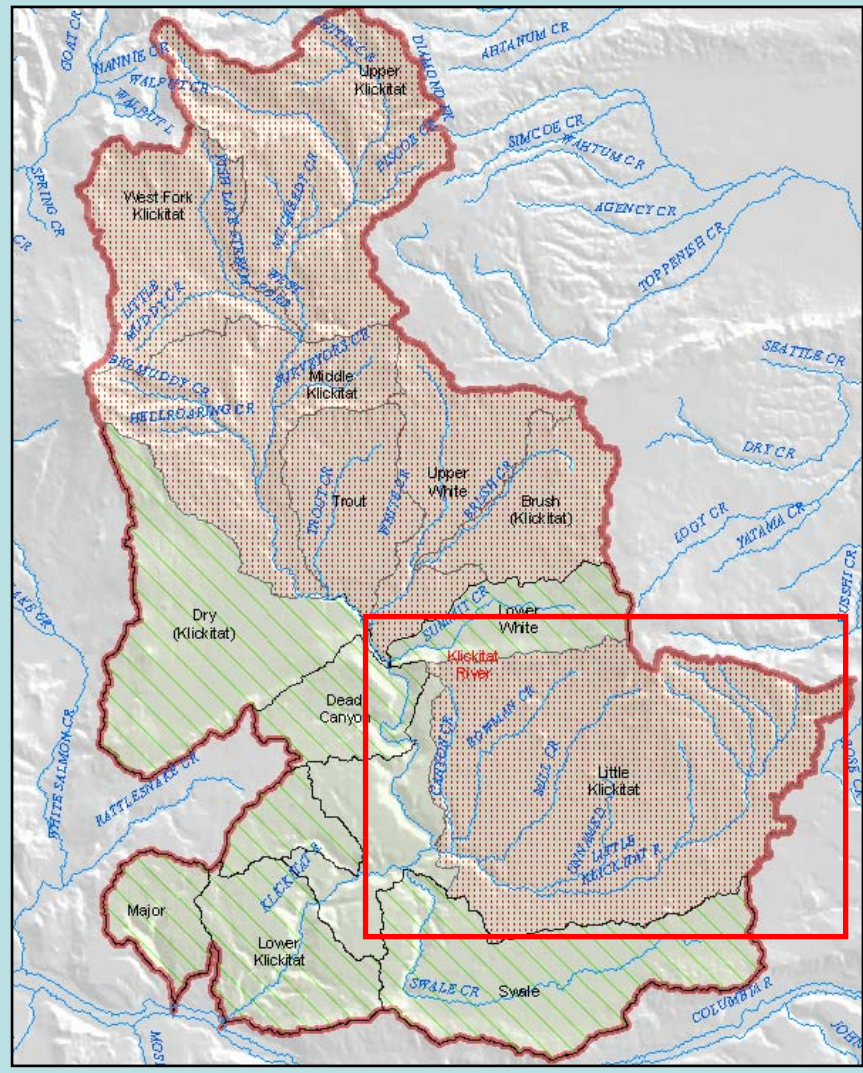




# Compare CBFWA and TRT Populations (e.g. Little Klickitat MSA)

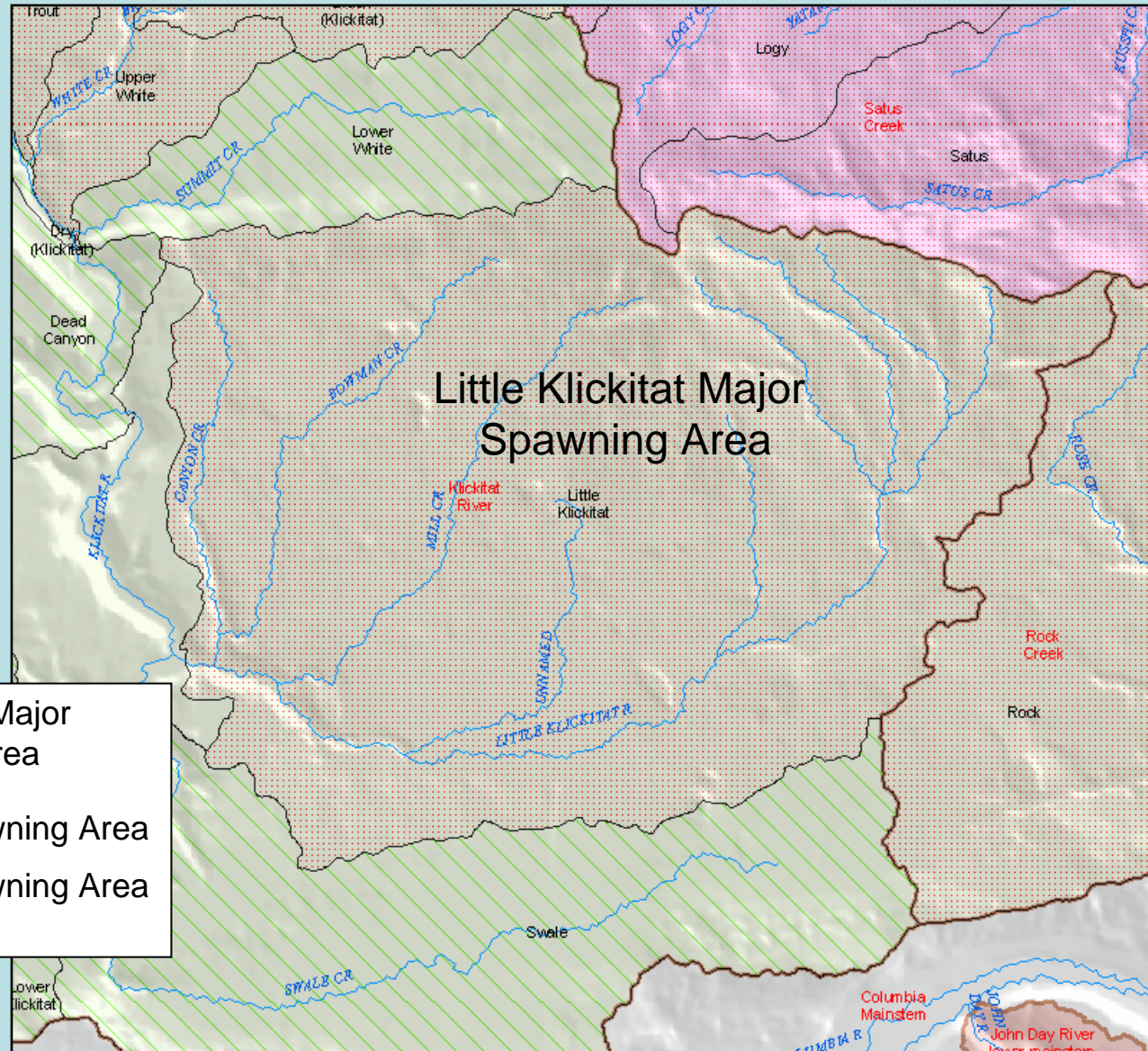


CBFWA Klickitat Population



TRT Klickitat Population

# Information by Major/Minor Spawning Area (e.g. Little Klickitat)





# Access to Limiting Factors & Actions by Major and Minor Spawning Areas.



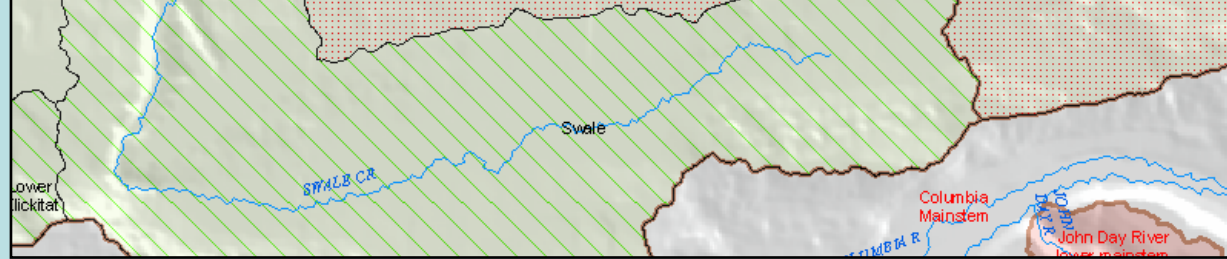
**i Identify**

Identify from: Major and Minor Spawning Areas

- [-] Major and Minor Spawning Areas
  - [-] Little Klickitat
    - [-] little\_klickitat\_limiting\_factors
      - Little Klickitat
      - Little Klickitat
      - Little Klickitat
      - Little Klickitat
      - Little Klickitat
      - Little Klickitat
      - Little Klickitat
      - Little Klickitat
      - Little Klickitat
      - Little Klickitat
      - Little Klickitat
      - Little Klickitat
      - Little Klickitat

Location:

Field	Value
OID	4
MSA_NAME	Little Klickitat
YN_MSA_NAME	Upper Little Klickitat M
LIMITING_FACTOR	Reduced key habitat quantity, floodplain connectivity and function
VSP_PARAMETER	Abundance, productivity
AFFECTED_SPAWNING	Little Klickitat R.; W. Prong; E. Prong; Butler Creek
THREATS	Primarily past riparian management; habitat fragmentation via subdivision, land-clearing, &
LIFE_STAGE	S, E, F, IO-1, PH,
SIGNIFICANCE	#####
ACTIONS	Restore side-channel and floodplain connectivity. Excavate pools. Place LWD. Augment g



# Link to external documents and web pages

## i Identify

Identify from:

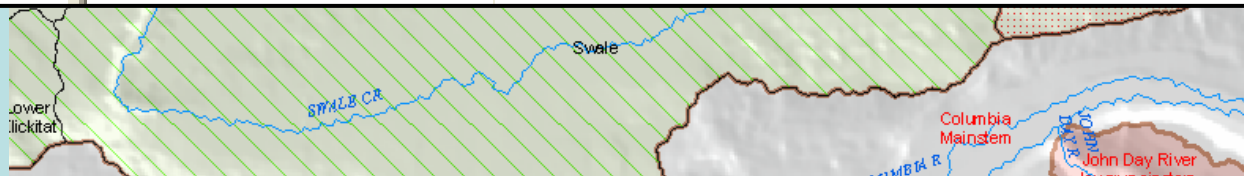
 IC-TRT Populations

[-] IC-TRT Populations

[-] Middle Columbia Steelh...

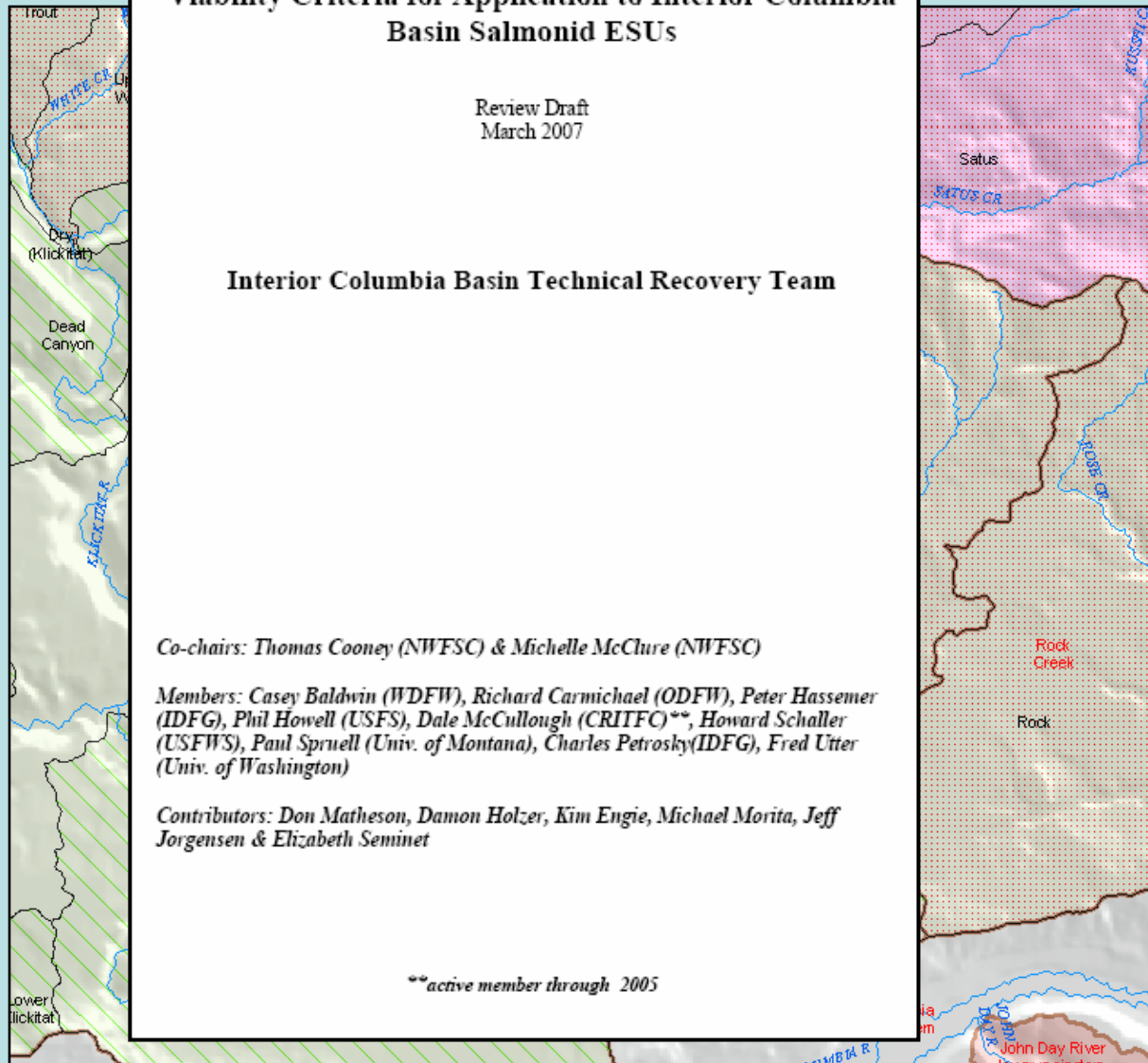
Location: 397,284.481 549,714.335 Meters

Field	Value
ICTRT Population Label	MCKLI-s
Basin Name	Klickitat River
System Population	MC
Sub Population	KLI
ESU Name	Middle Columbia Steelhead
Status (Current vs Historic)	current
Comments	summer and winter run
Major Population Group	Cascades Eastern Slope Tributaries
Spatial Structure/Diversity Risk	Moderate
Abundance/Productivity Risk	Moderate
File	IC-TRT Updated Population Delineat
WebLink	<a href="http://www.nwfsc.noaa.gov/trt/trt_documents/ictrt_viability_criteria_">http://www.nwfsc.noaa.gov/trt/trt_documents/ictrt_viability_criteria_</a>





# Example Document Link



The map shows the Interior Columbia Basin with various watersheds and ESUs. Key features include:

- Trout** (top left)
- Wenatchee Cr.** (top left)
- Dray (Klickitat)** (middle left)
- Dead Canyon** (middle left)
- Klickitat R.** (middle left)
- Lower Klickitat** (bottom left)
- Satus** (top right)
- Satus Cr.** (top right)
- Rock Creek** (middle right)
- Rock** (middle right)
- John Day River** (bottom right)
- Lower John Day** (bottom right)

**Viability Criteria for Application to Interior Columbia Basin Salmonid ESUs**

Review Draft  
March 2007

**Interior Columbia Basin Technical Recovery Team**

*Co-chairs: Thomas Cooney (NWFS) & Michelle McClure (NWFS)*

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**\*\*active member through 2005**



