

Negotiated Rulemaking  
Docket No. 58-0102-1703

# Designation of Domestic Water Supply December 19, 2017



# Outline

- Background
  - Review of Domestic Water Supply Use
    - Use definition and proposed clarification
    - Applicable criteria
  - Review of Water Body ID system
- Identification of waters to designate
- Deletion of 252.01.a and 252.01.b

# Domestic Water Supply

- 100.03.a:

Domestic (DWS): water quality appropriate for drinking water supplies.

- PROPOSED CHANGE:

Domestic (DWS): water quality appropriate for use as drinking water supplies after appropriate treatment.

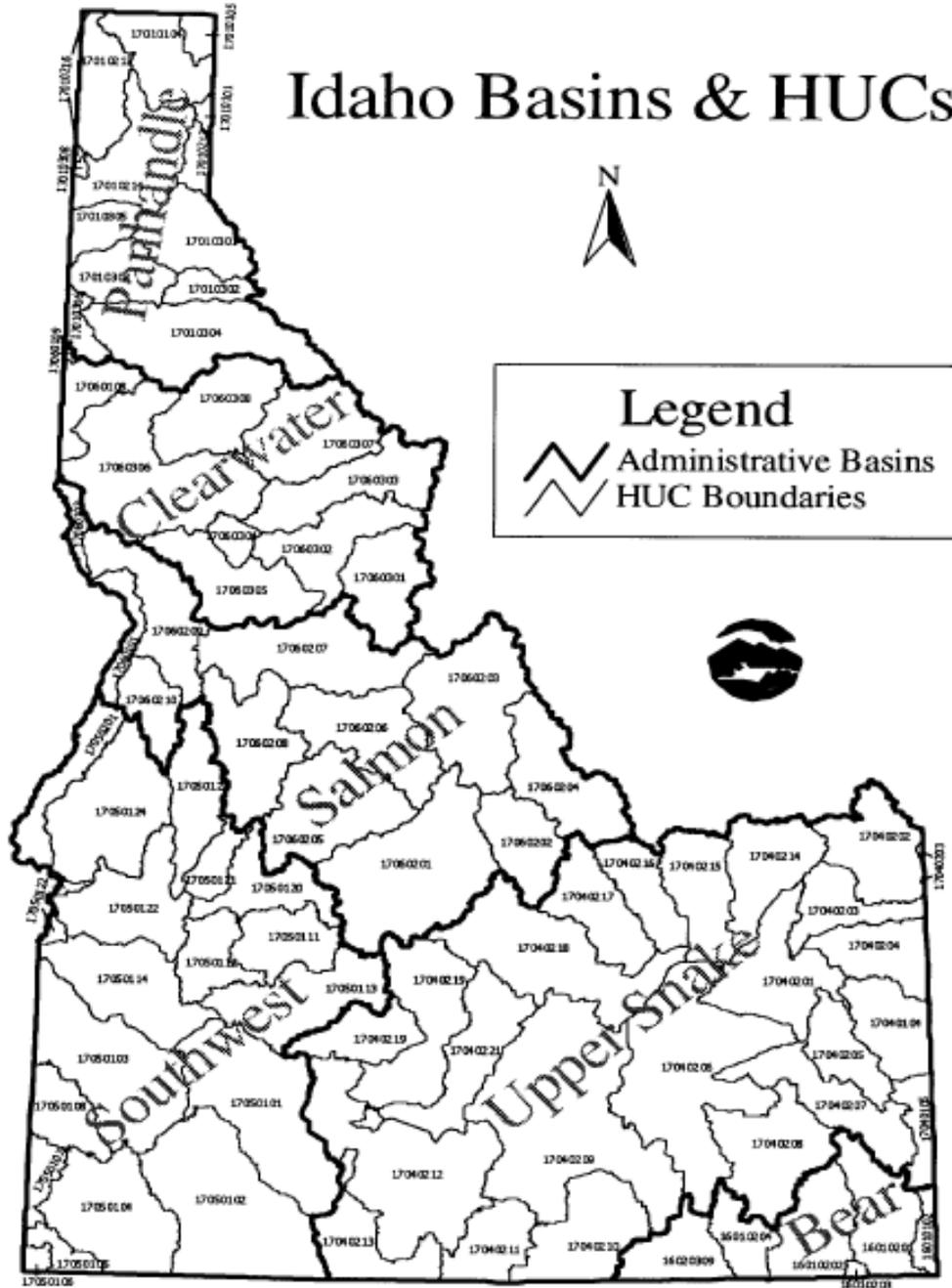
# Domestic Water Supply

- Criteria applicable to waters designated DWS:
  - 200. General Surface Water Quality Criteria
  - 210.01.c. Column C1 of toxics table (Water & Fish)  
[EFFECTIVE]
  - *210.01.b. Column 1 of toxics table (Water & Fish)*  
[PENDING]

# Water Body Identification System

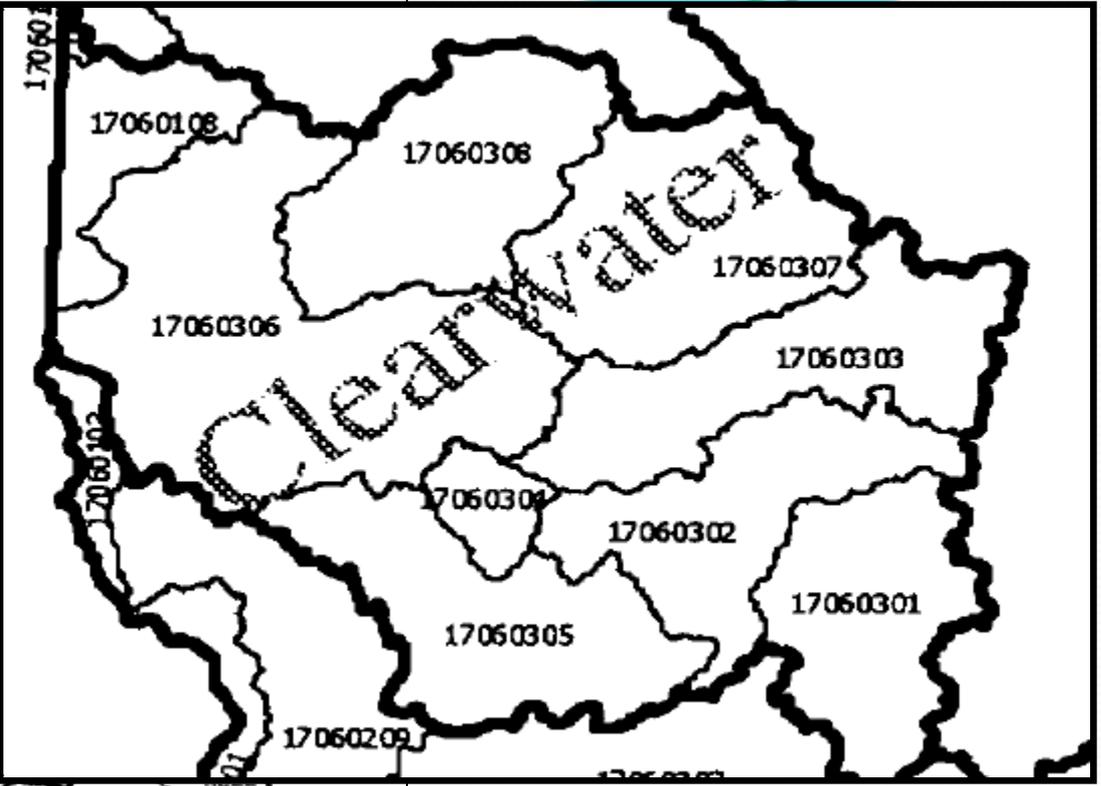
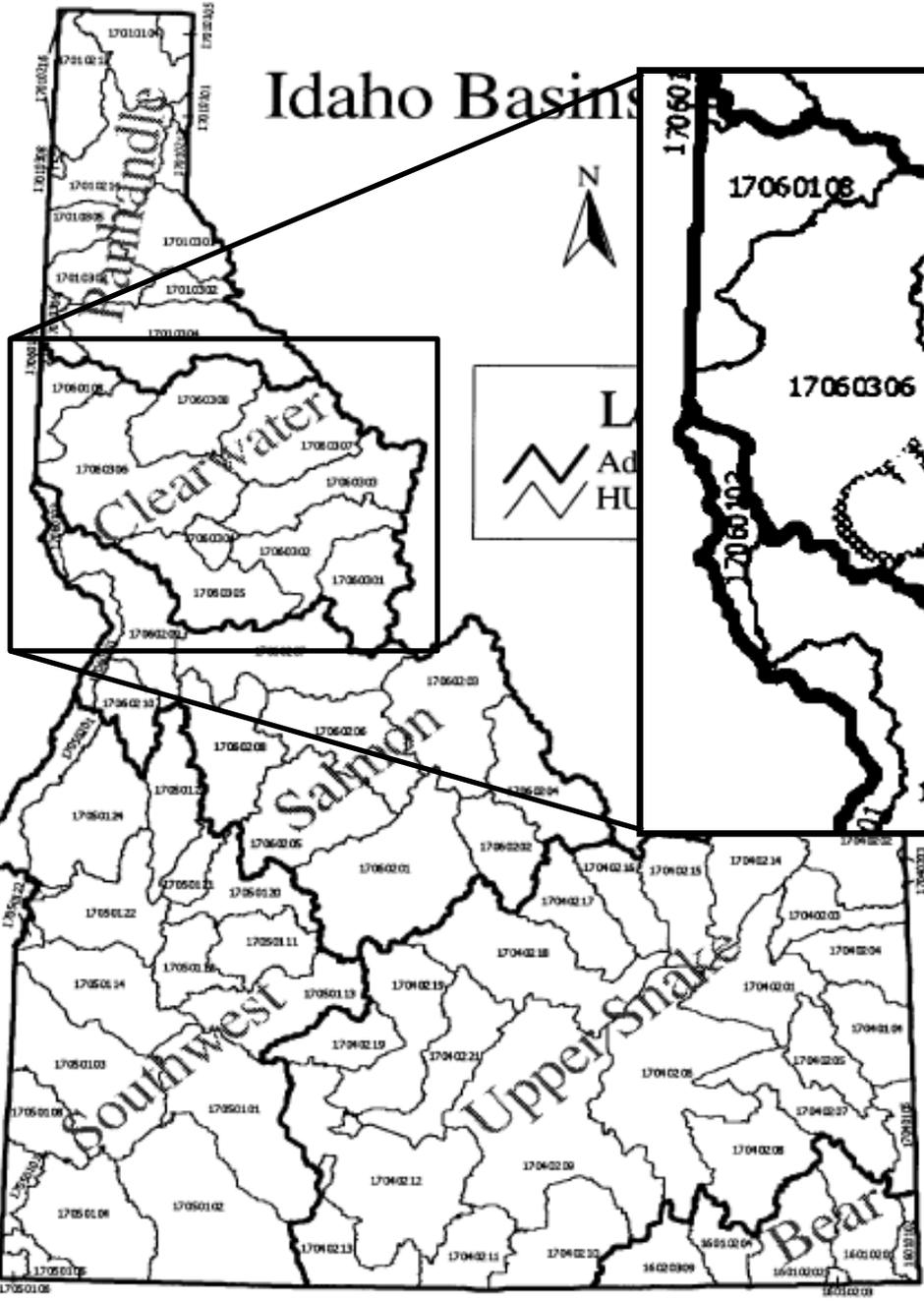
- Provides the basis for use designations in Idaho WQS
- Based on subbasins and numbered after USGS Hydrologic Unit Codes (HUC)
- Include all named and unnamed tributaries to the defined water body unit

# Idaho Basins & HUCs

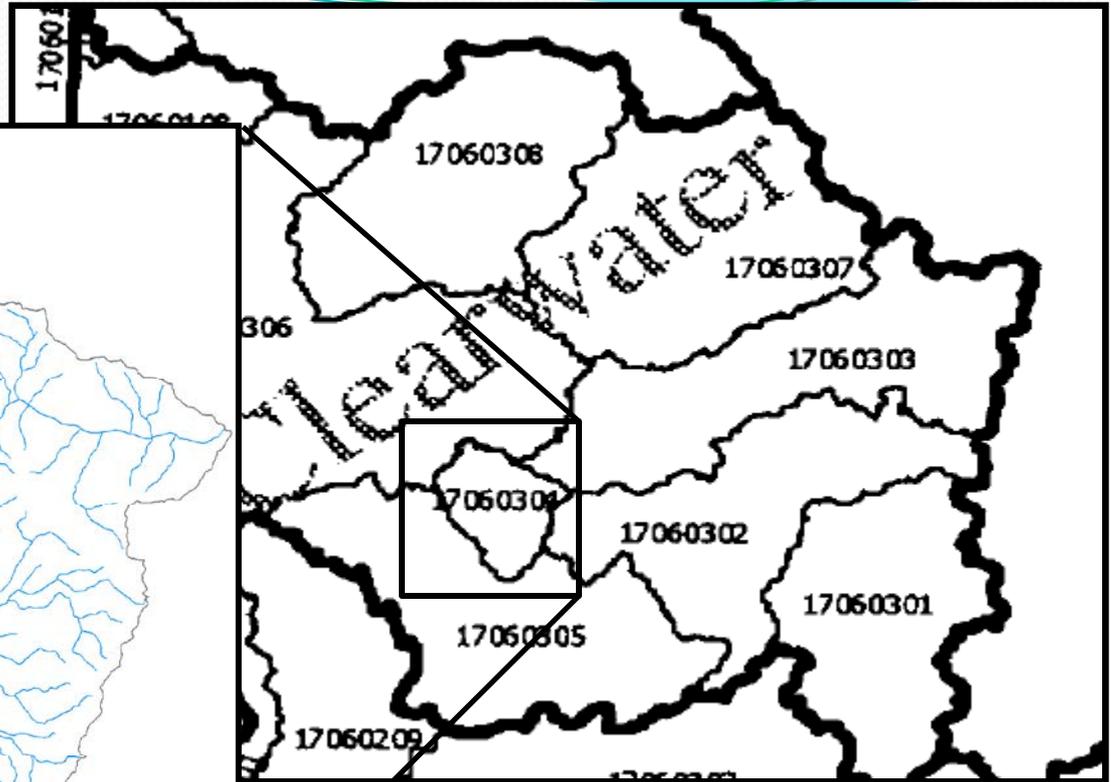
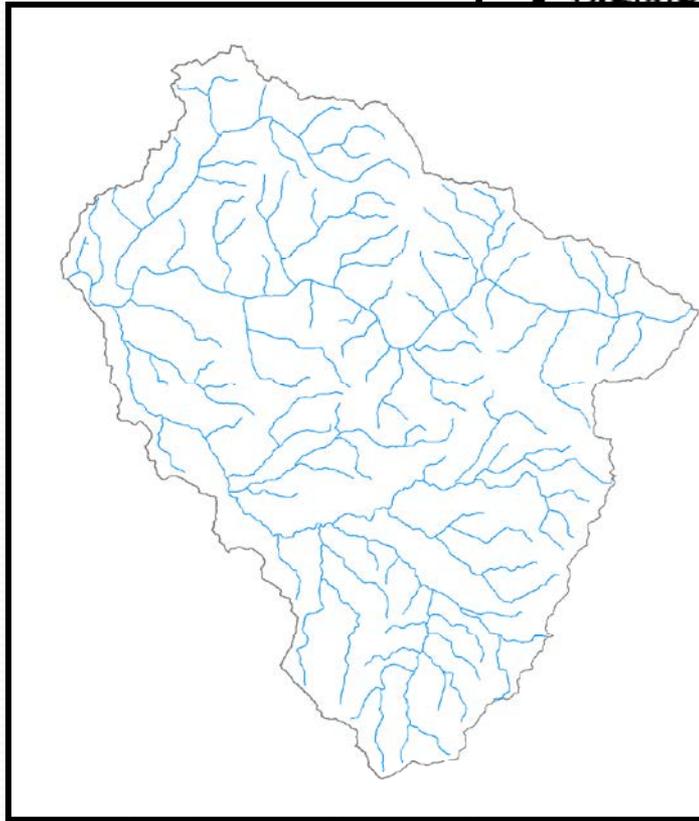


Example of Use Designation by WBID

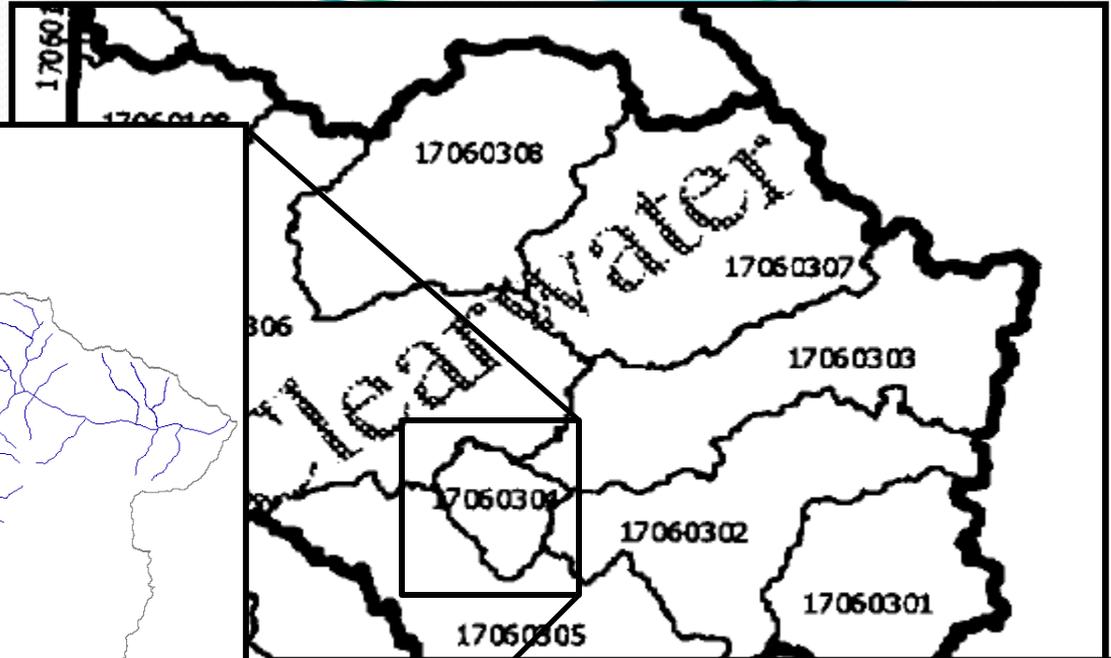
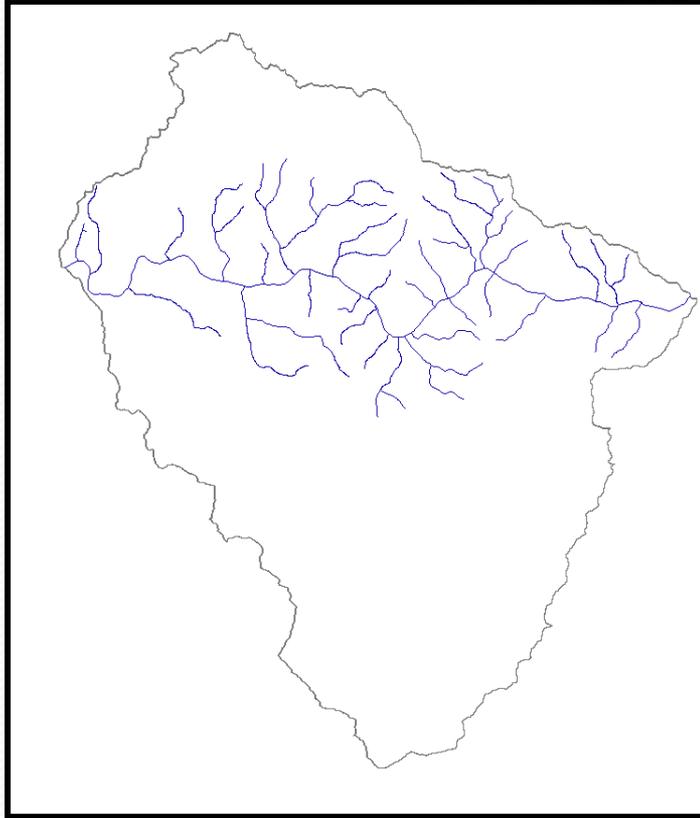
# Idaho Basins



120. Clearwater Basin



120. Clearwater Basin  
06. Middle Fork  
Clearwater Subbasin



**120.** Clearwater Basin  
**06.** Middle Fork  
Clearwater Subbasin  
**C-1:** MF Clearwater  
Confluence of Lochsa and  
Selway to Mouth

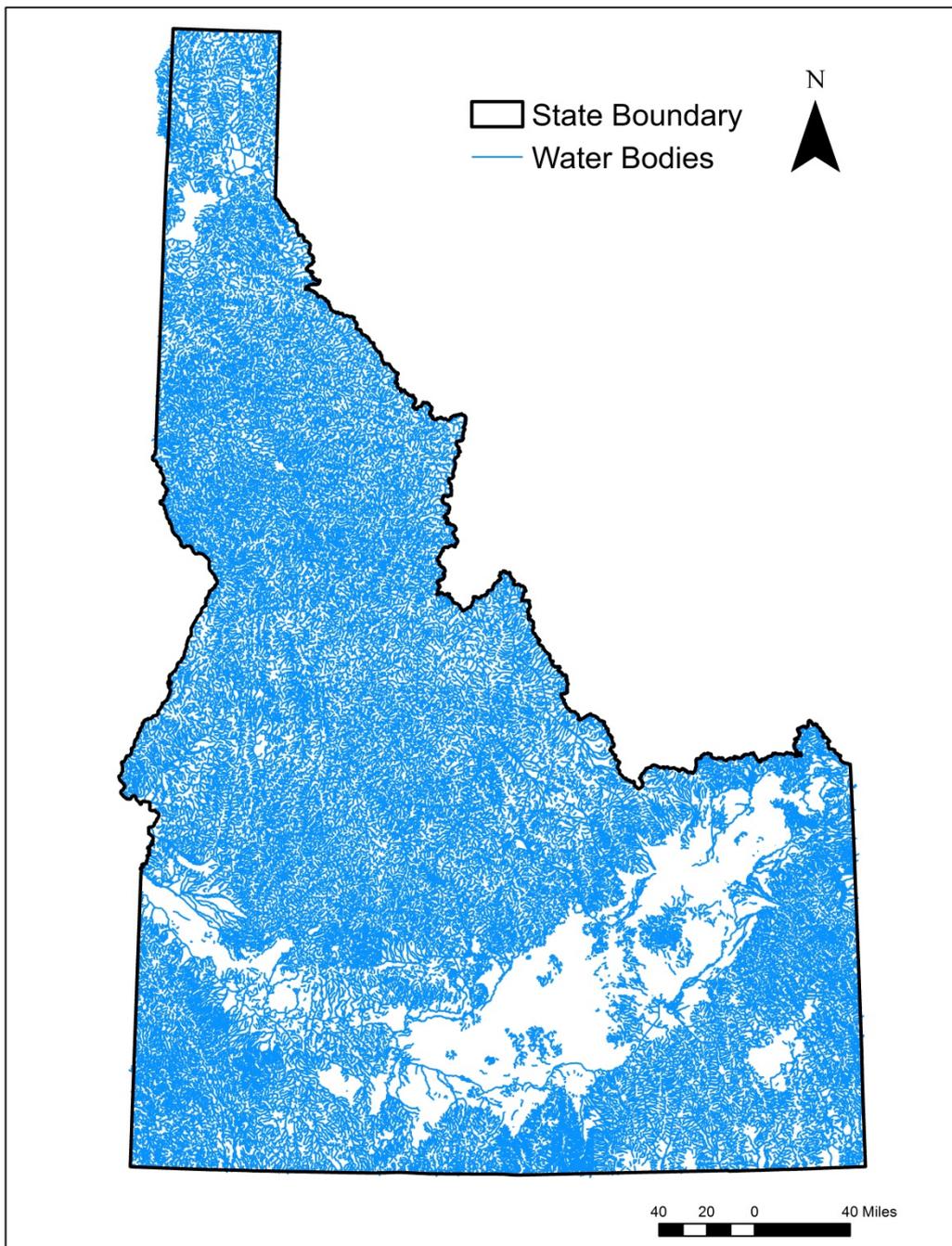
# ID17060304CL001

**06. Middle Fork Clearwater Subbasin.** The Middle Fork Clearwater Subbasin, HUC 17060304, is comprised of eleven (11) water body units.

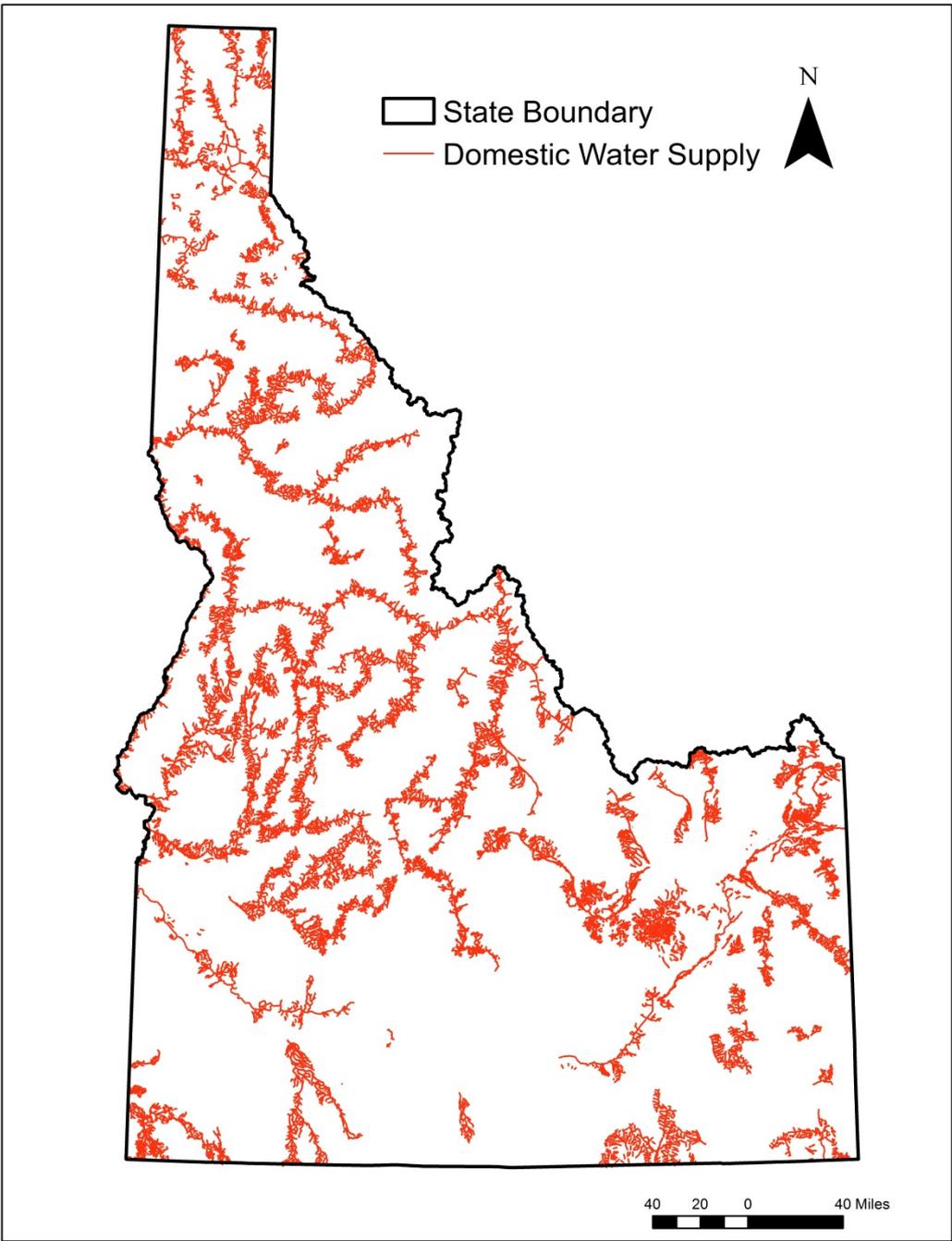
Unit	Waters	Aquatic Life	Recreation	Other
C-1	Middle Fork Clearwater River - confluence of Lochsa and Selway River to mouth	COLD SS	PCR	DWS

# Identification of Waters to Designate

- Identified water bodies with active surface water intakes recorded in the Safe Drinking Water Information System
- 12 water bodies have active surface water intakes but are not currently designated for DWS

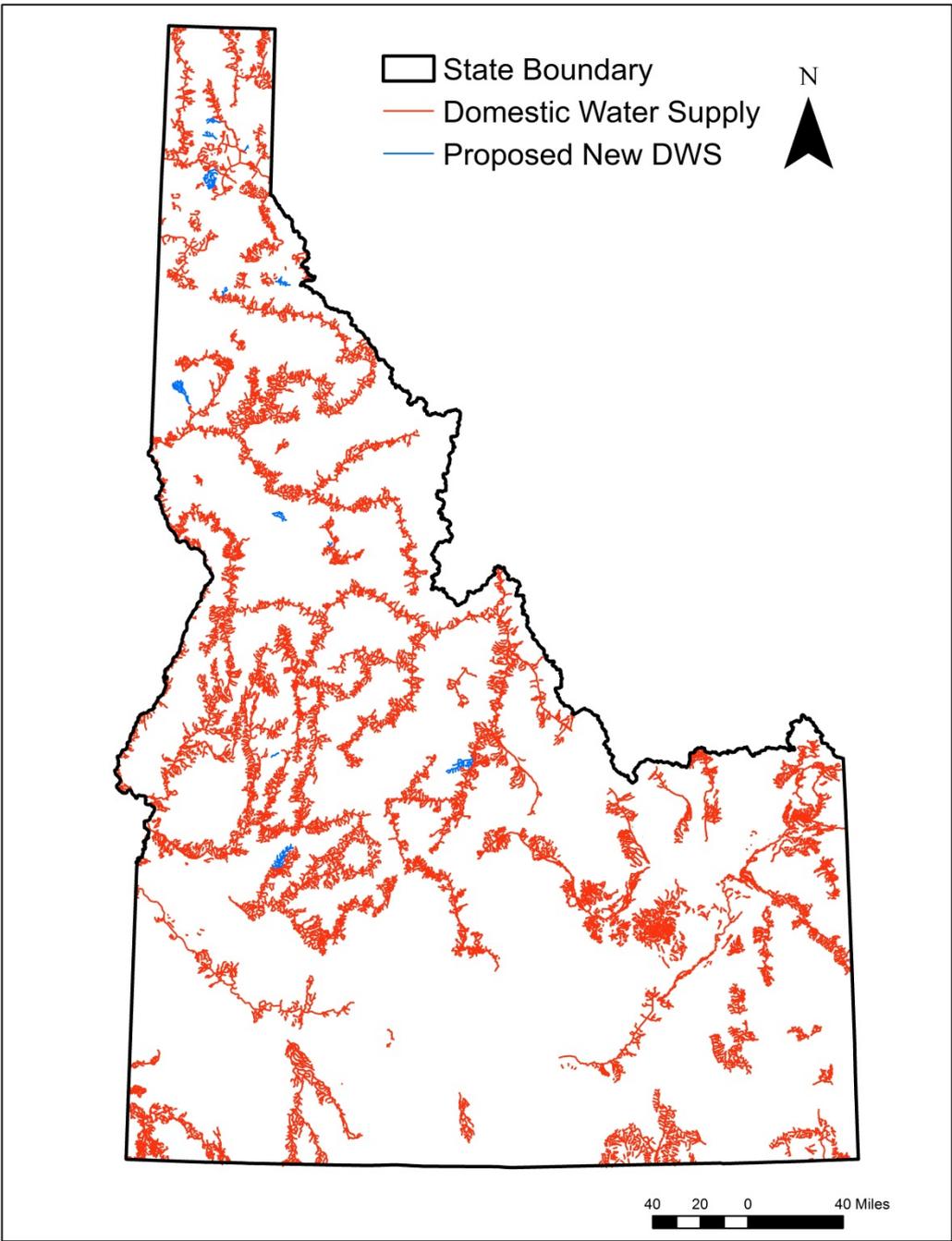


~96,490  
stream miles



~22,957  
miles  
currently  
designated  
for DWS

<b>WBID</b>	<b>Stream/Lake</b>	<b>Water Body Name</b>
ID17010214PN014	Kreiger Creek	COCOLALLA CREEK - SOURCE TO COCOLALLA LAKE
ID17010214PN029	Strong Creek	STRONG CREEK - SOURCE TO MOUTH
ID17010214PN046	Berry Creek	BERRY CREEK - SOURCE TO MOUTH
ID17010214PN053	Little Sand Creek	LITTLE SAND CREEK - SOURCE TO MOUTH
ID17010302PN010	Placer Creek	PLACER CREEK - SOURCE TO MOUTH
ID17010304PN067	Rochat Creek	ROCHAT CREEK - SOURCE TO MOUTH
ID17050112SW012	Elk Creek	ELK CREEK - SOURCE TO MOUTH
ID17050123SW005	Horsetheif Reservoir	HORSETHIEF RESERVOIR
ID17060201SL015	Garden Creek	GARDEN CREEK - SOURCE TO MOUTH
ID17060305CL056	Elk Creek	ELK CREEK - CONFLUENCE OF BIG ELK AND LITTLE ELK CREEKS TO MOUTH
ID17060305CL081	Wall Creek	SALLY ANN CREEK - SOURCE TO MOUTH
ID17060306CL061	Big Meadow Creek	WEST FORK LITTLE BEAR CREEK - SOURCE TO MOUTH



~295  
additional  
miles for  
DWS

# Changes to 252.01

- Add language cross-referencing to Section 200 (general water quality criteria) and 210.01.c (or *b* [PENDING]) (Water & Fish criteria)
- Remove reference to radioactive materials
- Remove table of small public water supplies and associated turbidity standard

# 252.01.a Radioactive Materials

- Protection provided by general criteria
  - **200.04.a. Radioactive Materials**  
Reference Appendix B of 10 CFR Part 20  
**Annual Limits on Intake and Derived Air Concentrations; Concentrations for Release to Sewerage; Table 2**
- Water served through public drinking water systems must meet Idaho Rules for Public Drinking Water Systems, IDAPA 58.01.08

# 252.01.b Small Public Water Supplies

- Removed table
  - Under current WQS, only the turbidity standard at 252.01.b.ii applies to these systems
  - Table is incomplete and systems are poorly defined; inclusion in table *is not* a use designation
  - Active systems identified through DWS use designation
  - Turbidity standard is met with general criteria at 200.03, 200.05, and 200.08; and Drinking Water Rule

# Summary

- Proposed rule:
  - Clarifies DWS use
  - Designates DWS for waters currently serving active public water systems
  - Removes list of systems and redundant criteria; clarifies which criteria apply to DWS

# Questions / Comments

