

Creation of Water District No. 110

Background Information

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Director

Idaho Department of Water Resources

December 5, 2005



- **42-602. DIRECTOR OF THE DEPARTMENT OF WATER RESOURCES TO SUPERVISE WATER DISTRIBUTION WITHIN WATER DISTRICTS.**

The director of the department of water resources shall have direction and control of the distribution of water from all natural water sources within a water district to the canals, ditches, pumps and other facilities diverting therefrom. Distribution of water within water districts created pursuant to section 42-604, Idaho Code, shall be accomplished by watermasters as provided in this chapter and supervised by the director.

Definitions

“Hydraulically connected” surface water and ground water means:

- Within these sources, a portion of the surface water can become ground water or vice versa.
- The amount of water that can become either ground water or surface water is largely dependent on ground water levels.

Surface Water Ground Water Connection

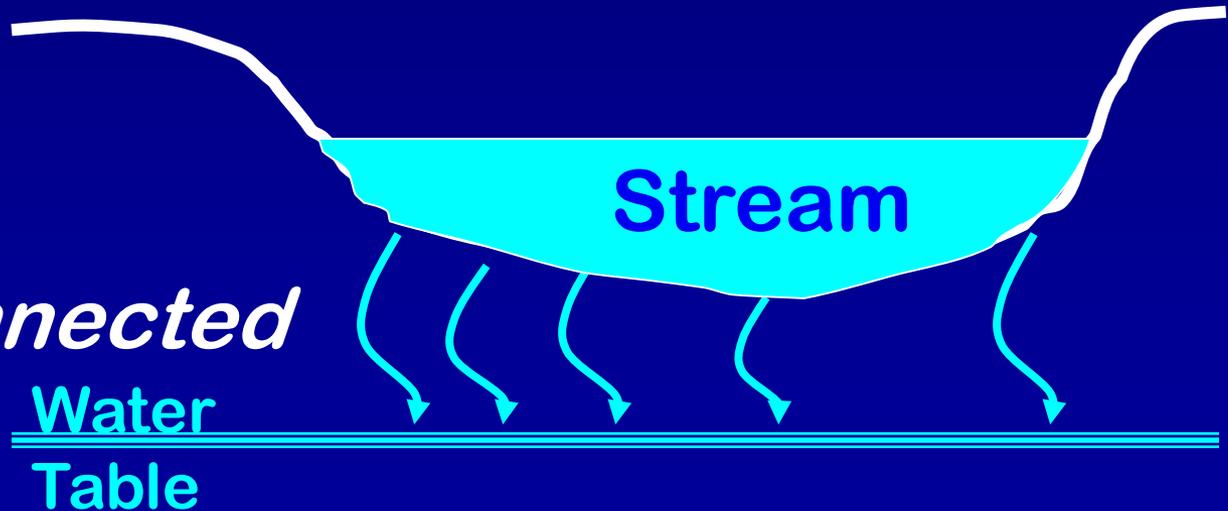
YES

Connected



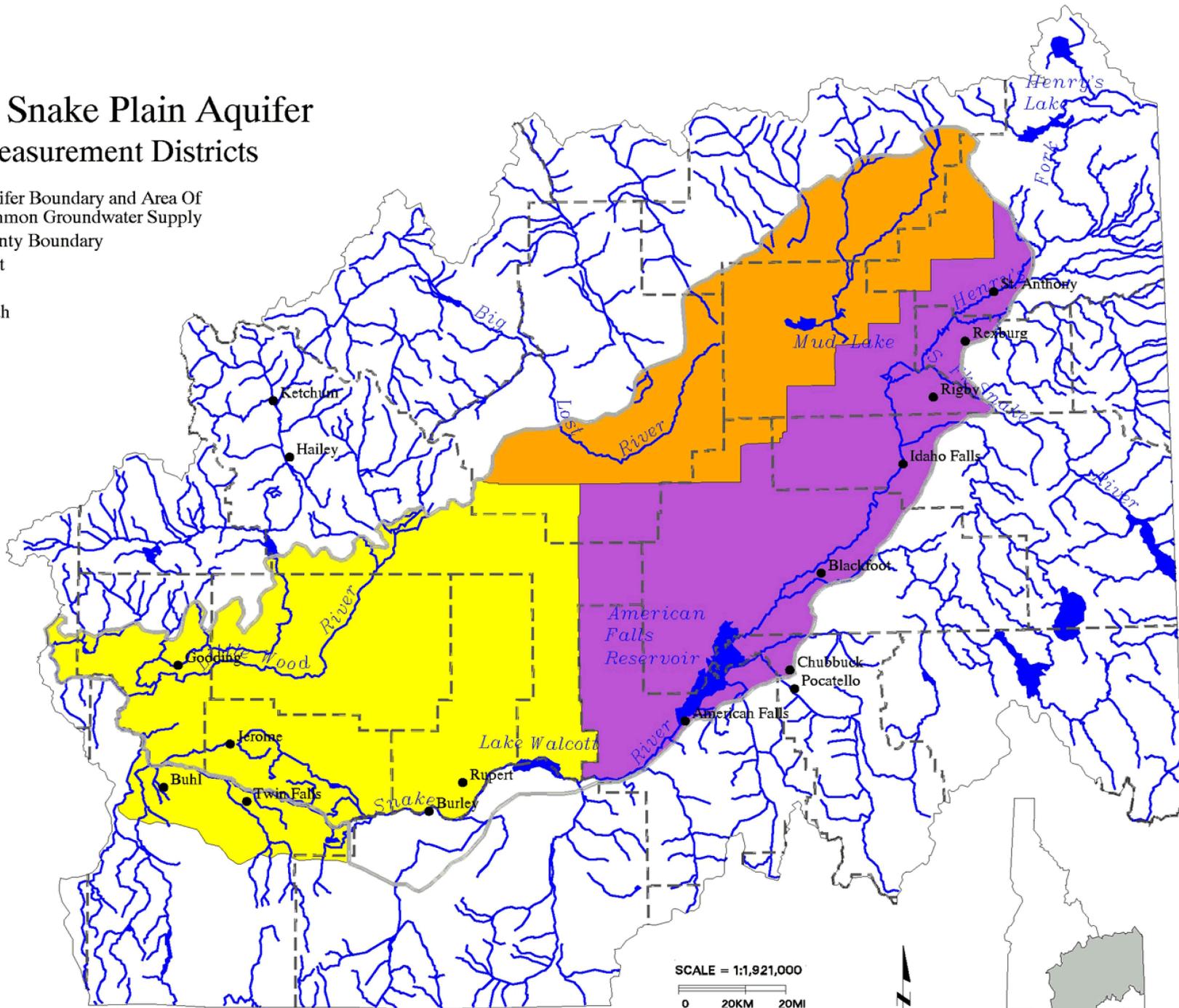
NO

Disconnected



Eastern Snake Plain Aquifer Water Measurement Districts

- Aquifer Boundary and Area Of Common Groundwater Supply
- - - County Boundary
- Yellow West
- Purple East
- Orange North



Source: IDWR data

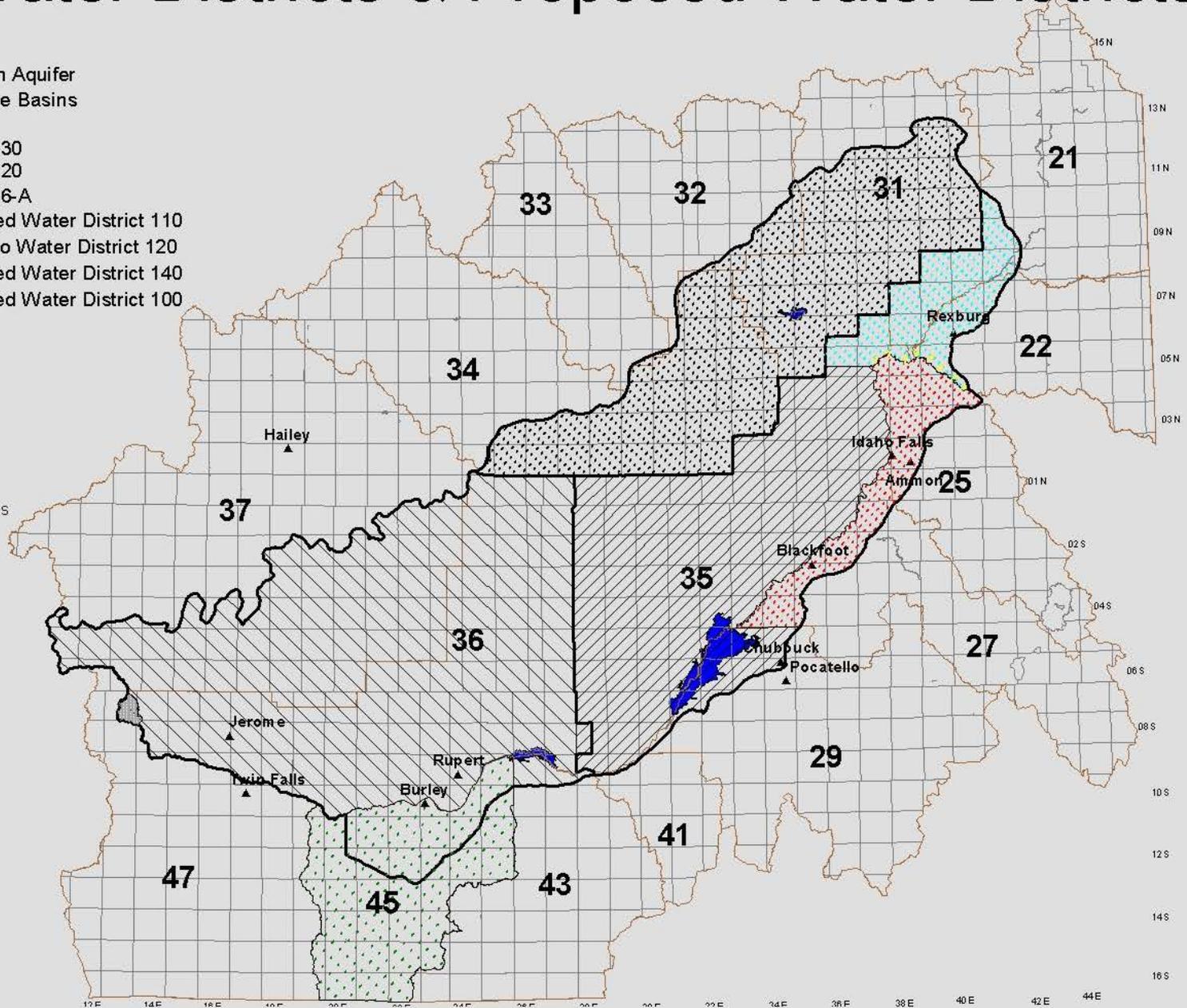
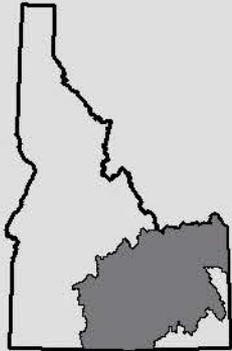
SCALE = 1:1,921,000

0 20KM 20MI

ESPA Water Districts & Proposed Water Districts

-  Eastern Snake Plain Aquifer
-  IDWR Administrative Basins
-  Townships
-  Water District No. 130
-  Water District No. 120
-  Water District No. 36-A
-  Preliminary Proposed Water District 110
-  Proposed Addition to Water District 120
-  Preliminary Proposed Water District 140
-  Preliminary Proposed Water District 100

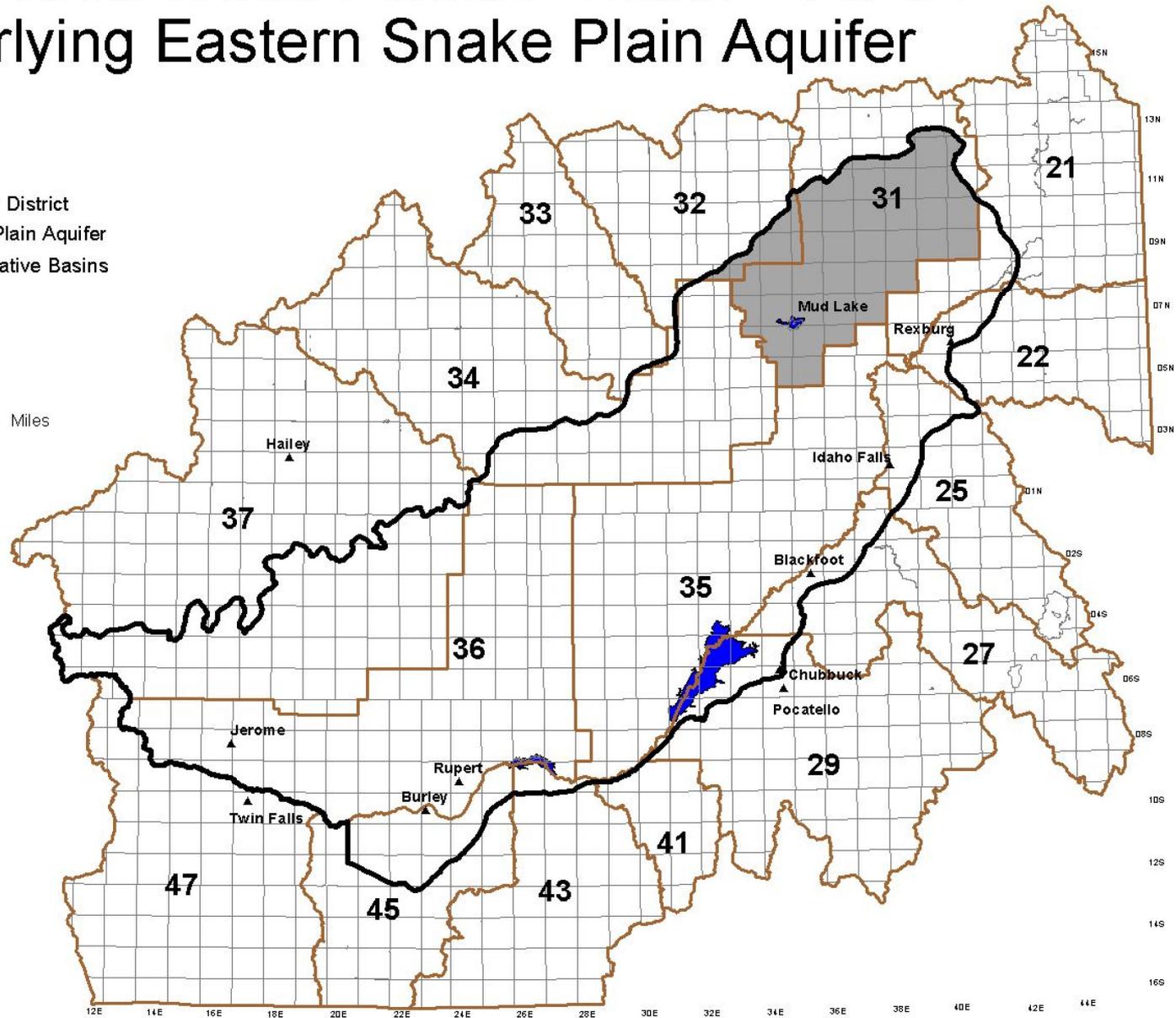
10 0 10 20 Miles

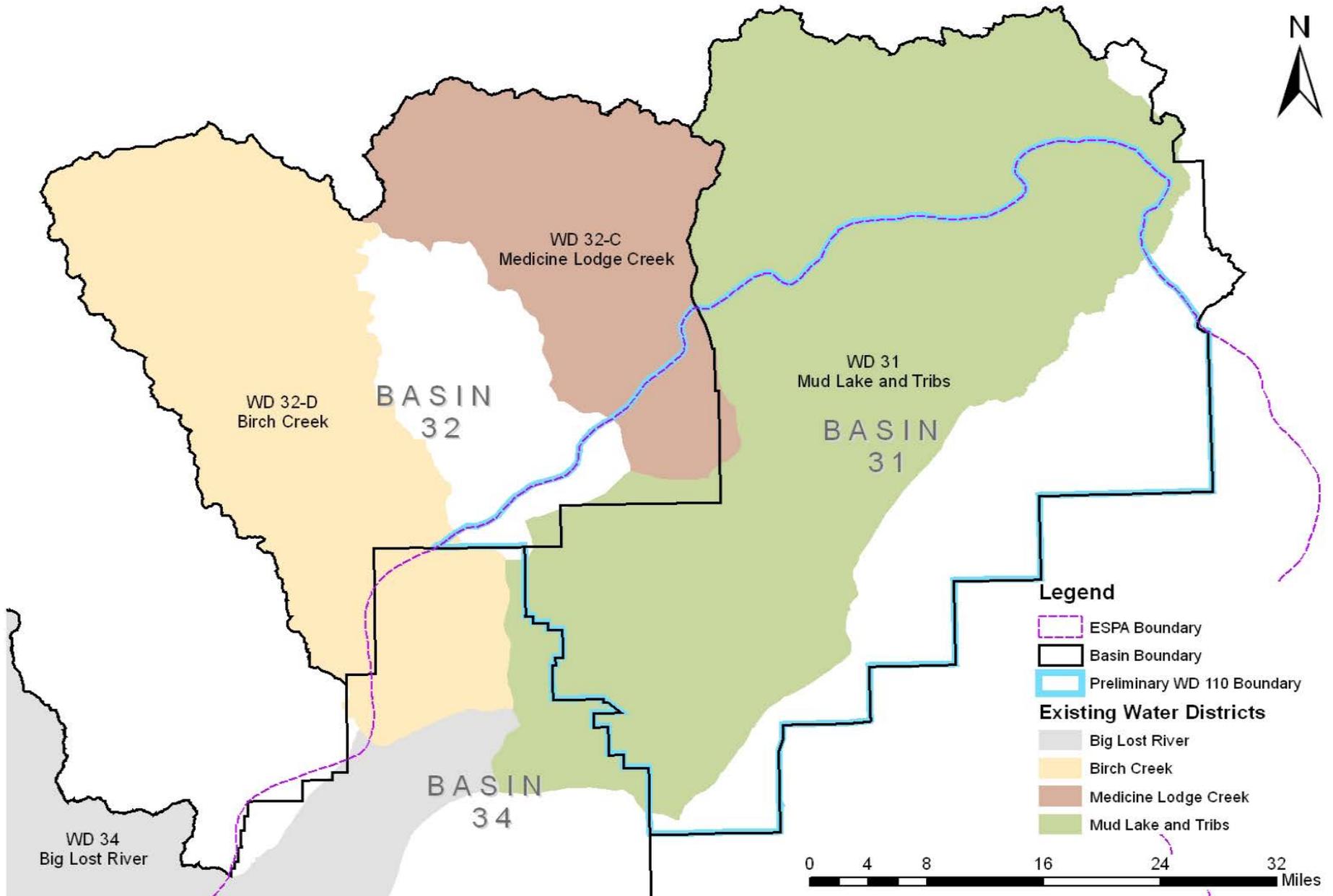
Proposed Water District - Basin 31 & 32 Overlying Eastern Snake Plain Aquifer

- Proposed Water District
- ▭ Eastern Snake Plain Aquifer
- ▭ IDWR Administrative Basins
- ▭ Townships
- ▲ Cities

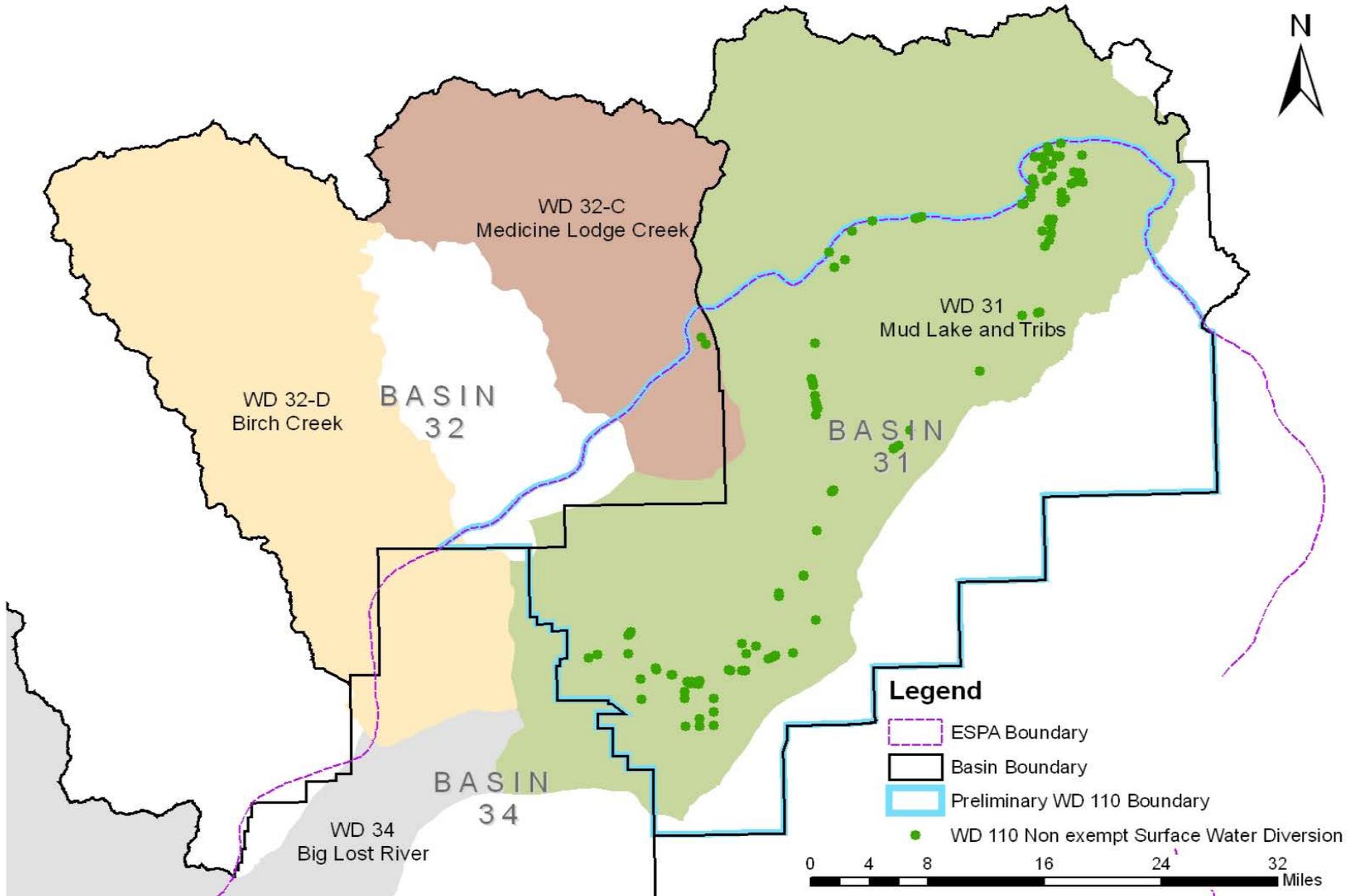
10 0 10 20 Miles



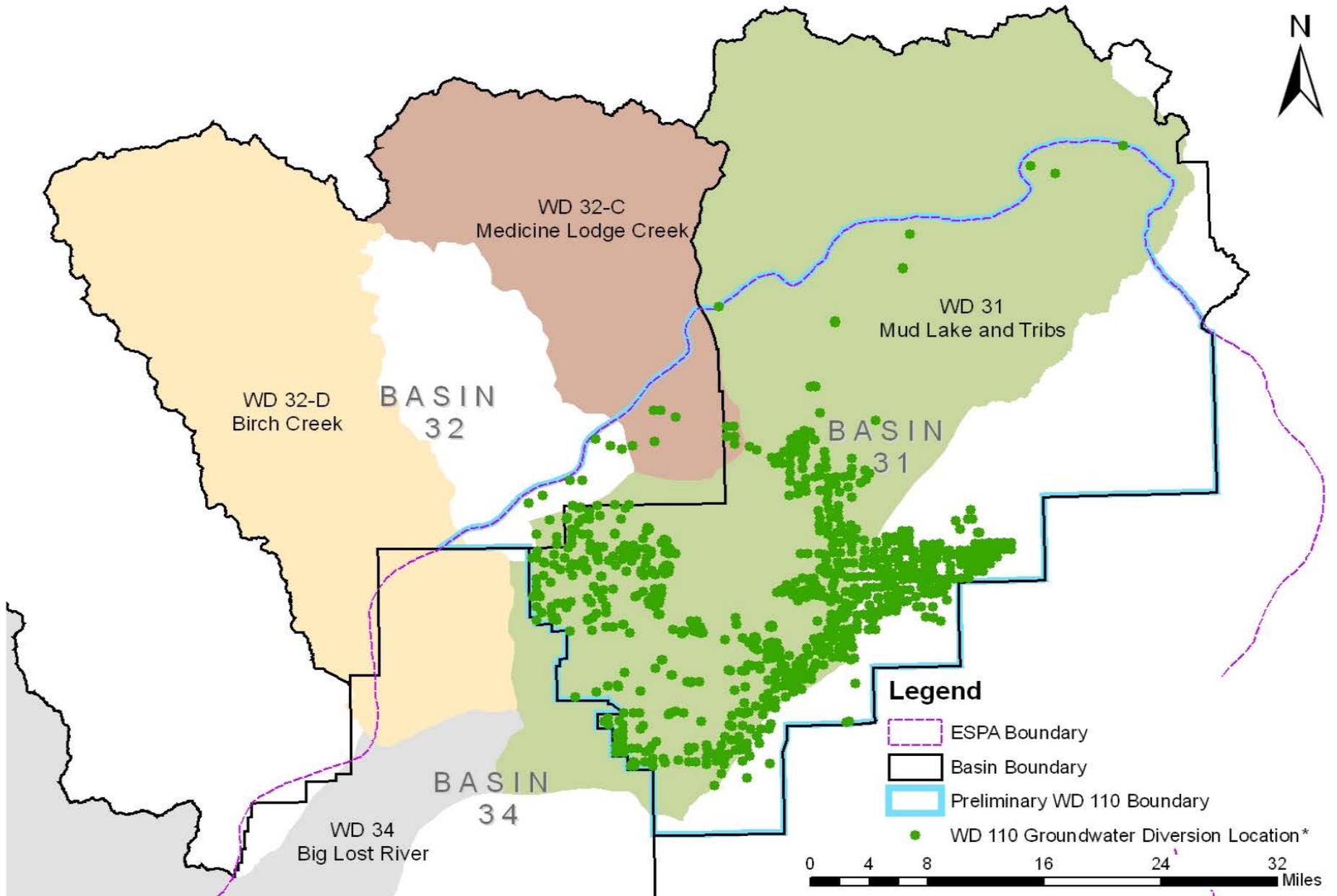
EXISTING WATER DISTRICTS IN BASINS 31 AND 32



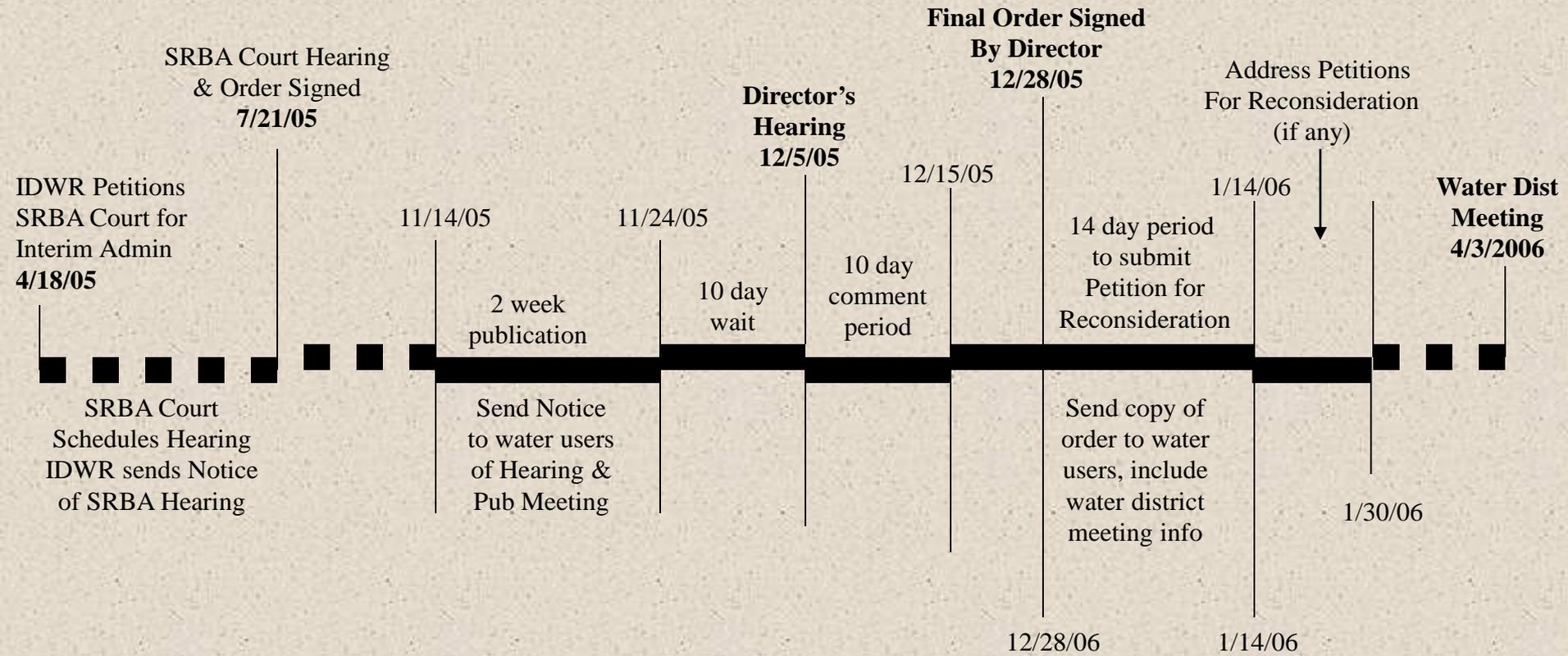
SURFACE WATER DIVERSIONS



GROUNDWATER DIVERSIONS DIVERTING >0.04 CFS



Timeline for Creating Water District 110 Basins 31 & 32



Organization Considerations

- Currently not proposing changes to existing surface water districts
 - Opportunity for improvements?

Watermaster Duties

What does watermaster do?

- Direct measurement, reporting, and regulation of ground water diversions not already in a water district
 - Primarily within the present North Water Measurement District

Watermaster Duties

- Distribution to & regulation of water rights
 - monitor for illegal or excessive uses and out-of-priority diversions
 - monitor/enforce mitigation plans where required
 - use or implement computer programs for distribution and regulation of water use

Watermaster Duties

- Reporting
 - Annual diversion reports
 - Budget reports
(includes annual use, assessments,
and financial review)

Watermaster Duties

- Water rights administration
 - address ownership issues
 - water right transfers/exchanges
 - GPS/identification of diversions
 - assure diversion-water right links

Water District Requirements

- IDWR will fund watermaster administration & regulation for two years, if elected watermaster
 - Measurement costs are ongoing

Water District Requirements

- Elect watermaster, advisory committee, and treasurer
 - maintain and review financial records
 - adopt budget
 - comply with employment requirements

Water District Requirements

- Maintain office contact/presence
 - phone contact, access to standard equipment
- Minimum PC & communication requirements
 - cell, fax, DSL or other broadband link
 - GIS/GPS software & experience
 - other PC experience

Water District Requirements

Water District Costs?

- No administrative costs first 2 years
- Administrative costs after 2 years?
 - clerical duties limited to part time?
 - shared with other water district(s)?

Next Steps

- Today's hearing
- Create steering committee
 - draft resolutions for annual meeting
- annual meeting – spring, 2006

A scenic view of a river flowing through a rocky gorge. The river is dark and turbulent, with white water rapids visible in the distance. The surrounding hills are covered in dense forest with vibrant autumn foliage in shades of orange, yellow, and red. The foreground shows large, grey, layered rock formations. The word "Questions?" is overlaid in the center in a bold, yellow, italicized font.

Questions?