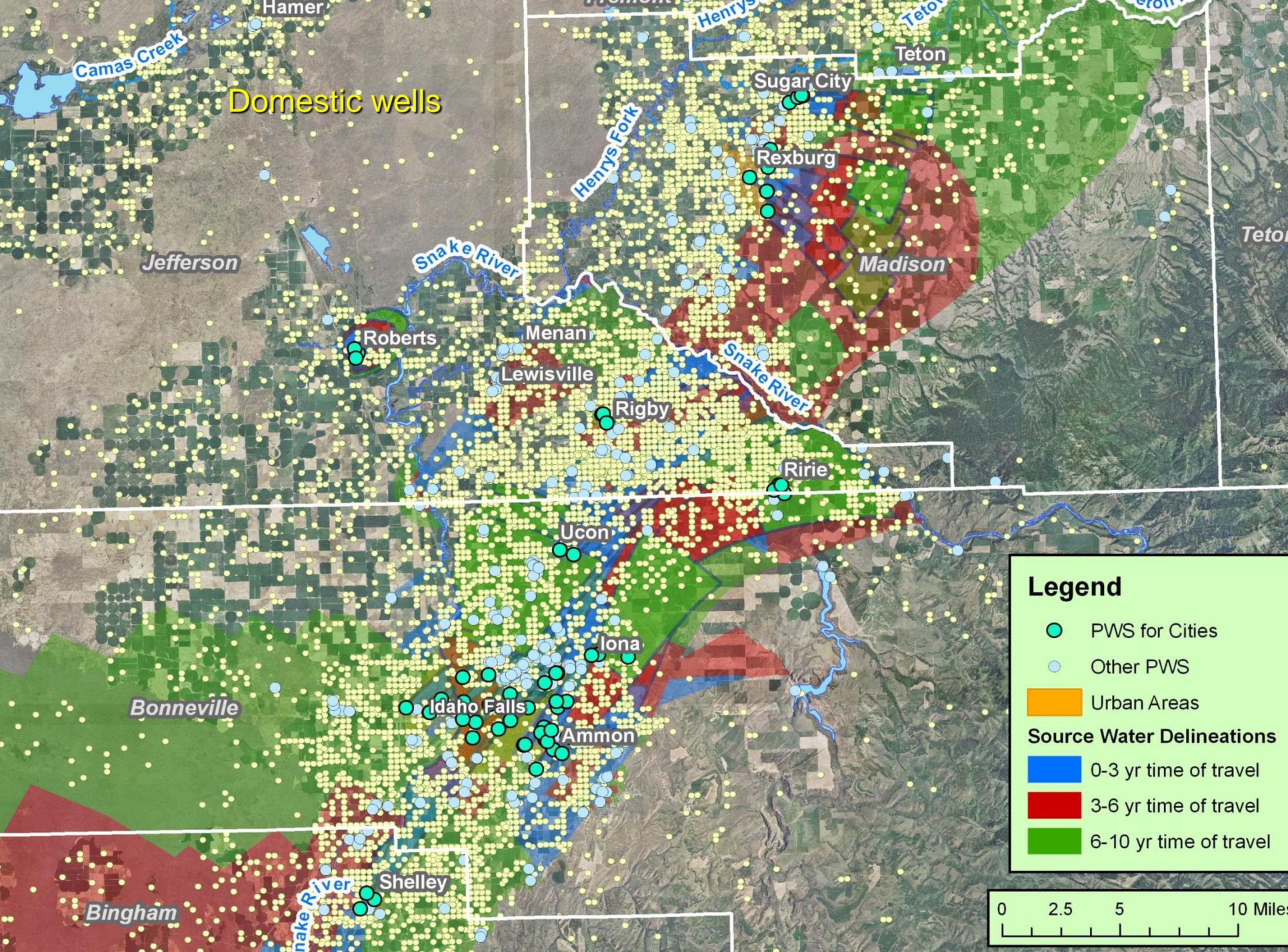


DEQ IFRO – Regional Update





Domestic wells

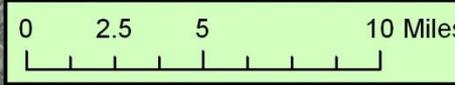
Legend

- PWS for Cities
- Other PWS

Urban Areas

Source Water Delineations

- 0-3 yr time of travel
- 3-6 yr time of travel
- 6-10 yr time of travel



Source Water Protection

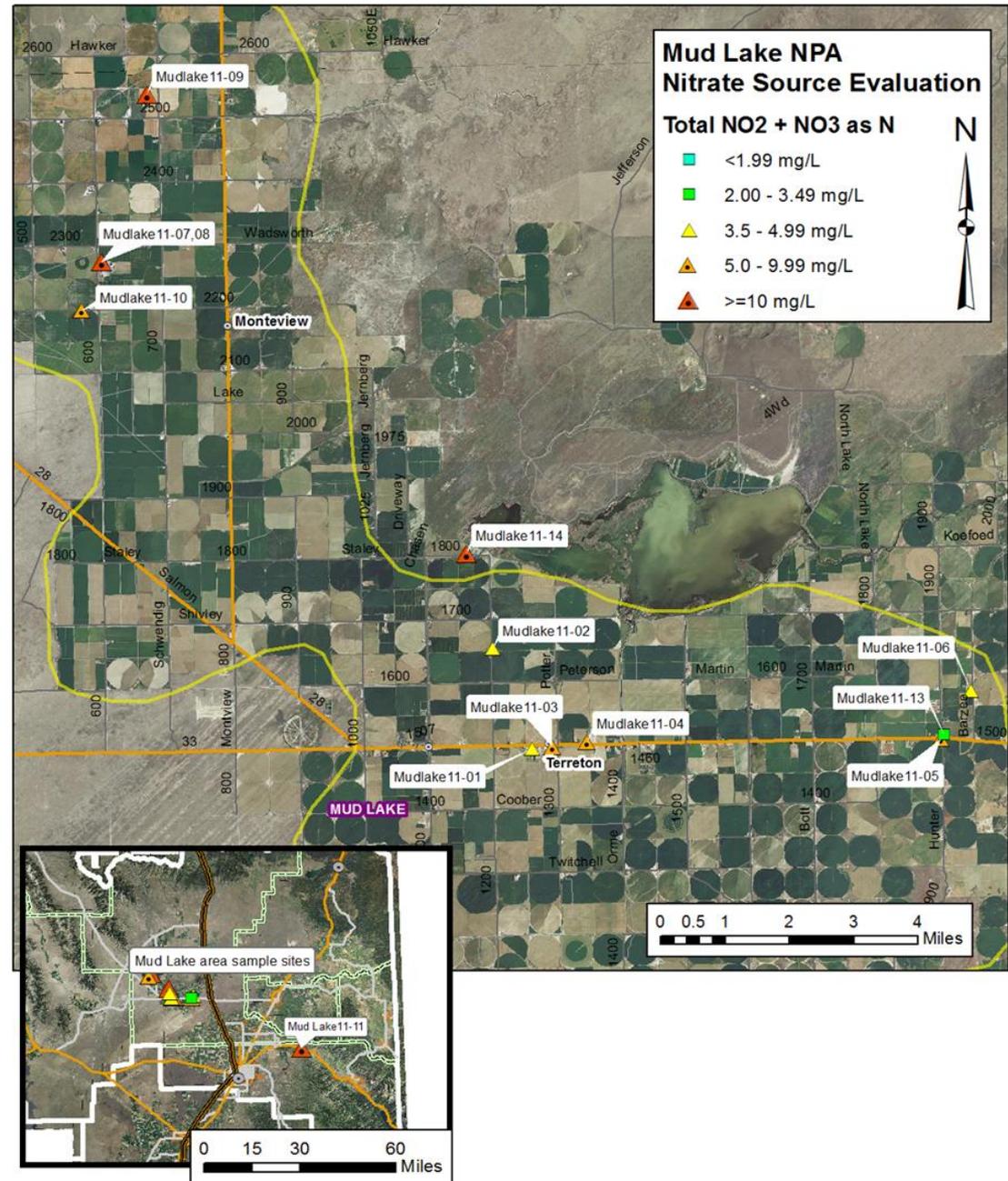
- ▶ SWP Plans
 - Newdale
 - Teton County, Victor, Driggs, Tetonia
- ▶ SWP Grants
 - City of Challis
 - FTR – Teton County
 - City of Newdale
- ▶ Education/outreach
 - Idaho Falls Water Festival, Earth Day, school visits
 - Idaho Ag Expo

Protection Issues / Efforts

- ▶ Nitrate sampling
 - Mud Lake Nutrient Source Evaluation ('11-'12)
- ▶ Regional Ground Water Monitoring
 - Teton Basin-Ashton subarea ('13)
 - Eastern Snake River Plain subarea ('14)
 - Mud Lake subarea ('15)

▶ Mud Lake NPA

- 14 sites sampled 2011-12
- Common ions, nitrates, stable isotopes, tritium
- Nitrates up to 31 mg/L
- potential sources
 - fertilizer
 - failed septic
 - Mixed source



*Idaho Falls Regional Office
Ambient Monitoring Subareas*

Legend

AQUIFER

- ESRP subarea
- Island Park subarea
- Mud Lake subarea
- Teton-Ashton subarea
- Lost River subarea
- Salmon River subarea
- Nitrate Priority Areas
- DEQ Regional Office Boundaries

