

WATER RIGHTS DATABASE ENHANCEMENT PROJECT

TASK LIST

EXHIBIT 5
DATE 01/17/05
HB 2

Phase One Cost: \$87,210 (Current Budget)

- Create the necessary programs to report detailed water right billing information (per HB22) to the Department of Revenue by July 2005.
- Improve the overall efficiency of the system in support of an accelerated examination of water rights, the issuance of decrees and enforcement actions and the appropriation of and changes to new and existing water rights.
- Create automated reports for Reserved Water Right Compacts
- Create user friendly index tools
- Create public notice process for change authorizations
- Provide an electronic docketing and objection system for the water court

Phase Two Cost: \$80,000 (Requests – Executive Budget; Barrett Bill)

- Improve the quality and consistency of information presented to the public through the NRIS access point, Water Court, DNRC field offices and DNRC headquarters.
- Improve geospatial data, lines, points and polygons
- Provide more water right data to NRIS
- Integrate known points, lines, and polygons into NRIS data
- Develop tools to upload and download data between GIS applications and water right database
- Develop a calculator to convert quarter sections to X, Y coordinates
- Input Water Reservation rights and Reserved Water Right Compacts

Phase Three Cost: \$304,790 (Requests – Executive Budget; Barrett Bill)

- \$80,000
- Make the necessary changes to support enforcement actions ordered by the Water Court.
 - Add geospatial coordinates
 - Add ditch name identifiers
 - Create enforcement index identifiers
 - Develop necessary indexes for water commissioners
- Automate the ownership update process
- Improve the security and integrity of the existing database through improved definition of security roles, error and edit checking procedures.
 - Allow the database to support all water court changes to a water right
 - Create data integrity checks
 - Lock Decreed basins except for changes to decreed rights through water court authorization
- \$224,790
- Establish an interface between the water rights system and the proposed document imaging system.
- Provide staff and equipment to complete scanning existing records in one year.