

Wyoming Water Development Program

Harry LaBonde, P.E.
Director

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Wyoming Water Development Program History

- WWDC was created in 1979
- Initial focus was to construct dams & reservoirs
- Focus shifted to new water supply infrastructure
- Infrastructure rehabilitation added in 1983
- Dams and Reservoirs fund added in 2005

Wyoming Water Development Program Management

- 💧 Wyoming Water Development Commission (WWDC) – 10 Members
 - Two Members from each Water Division
 - One At Large Member
 - One Tribal Member
 - Appointed by the Governor
 - Four (4) year staggered terms
- 💧 Legislative Select Water Committee (SWC)
 - Six Senators
 - Six Representatives
- 💧 Advisors
 - Wyoming State Engineer
 - Wyoming Attorney General's representative

Wyoming Water Development Program Management

💧 Wyoming Water Development Office – 25 Employees

- Director Serves at the Pleasure of the Governor
- Administration
- Planning Division
- Construction Division
- Dam and Reservoir Division

💧 Project Sponsors

- Municipalities
- Irrigation Districts
- Special Districts



Program Responsibilities

- ◆ NEW WATER PROJECT DEVELOPMENT
- ◆ WATER PROJECT REHABILITATION
- ◆ DAMS AND RESERVOIR DEVELOPMENT
- ◆ WYOMING'S WATER PLANNING AGENCY
- ◆ MANAGEMENT OF WYOMING'S WATER INVESTMENTS
- ◆ GROUNDWATER EXPLORATION GRANT PROGRAM
- ◆ SMALL WATER PROJECT PROGRAM
- ◆ INSTREAM FLOW WATER RIGHTS
- ◆ UNIV. OF WYOMING WATER RESEARCH PROGRAM

FINANCIAL RESOURCES

WYOMING STATUTES PROVIDE A SEVERANCE TAX DISTRIBUTION ACCOUNT OF \$155M PER YEAR.

WATER DEVELOPMENT ACCOUNT NO. I (WDA-I)

- 💧 FUNDS AGENCY BUDGET, NEW DEVELOPMENT PROJECTS, PLANNING EFFORTS, GWEP, SWPP, OTHER
- 💧 DIRECT APPROPRIATIONS LESS DIVERSIONS = \$130.53M
- 💧 RECEIVES 12.45% OF SEVERANCE TAX DISTRIBUTION ACCOUNT (\$19,297,500)
- 💧 ACCRUES INTEREST ON UNSPENT BALANCE
- 💧 RECEIVES REVENUES FROM PROJECT LOANS
- 💧 ESTIMATED ANNUAL REVENUES = \$27.3M

FINANCIAL RESOURCES

WATER DEVELOPMENT ACCOUNT NO. II (WDA-II)

- 💧 FUNDS REHABILITATION PROJECTS, SWPP
- 💧 DIRECT APPROPRIATIONS = \$17M
- 💧 RECEIVES 2.1% OF SEVERANCE TAX DISTRIBUTION ACCOUNT (\$3,255,000)
- 💧 ACCRUES INTEREST ON UNSPENT BALANCE
- 💧 RECEIVES REVENUES FROM PROJECT LOANS
- 💧 ESTIMATED ANNUAL REVENUES = \$6.1M

FINANCIAL RESOURCES

WATER DEVELOPMENT ACCOUNT NO. III (WDA III)

- 💧 FUNDS DAM AND RESERVOIR PROJECTS
- 💧 DIRECT APPROPRIATIONS = \$114.36M
- 💧 RECEIVES 0.5 % OF SEVERANCE TAX DISTRIBUTION ACCOUNT (\$775,000)
- 💧 ACCRUES INTEREST ON UNSPENT BALANCE
- 💧 RECEIVES REVENUES FROM PROJECT LOANS
- 💧 ESTIMATED ANNUAL REVENUES = \$3M

FINANCIAL RESOURCES

Other State Agencies Funding Water Projects

- Office of State Lands and Investments
 - DWSRF Loans
 - CWSRF Loans
 - Mineral Royalty Grants
 - Hydropower Loans (design and construction)
- Water Development provides technical staff to review OSLI drinking water applications
- DEQ provides technical staff to review OSLI wastewater applications

PROJECT DEVELOPMENT PROCESS

- 🔹 LEVEL I - PLANNING AND PROJECT RECONNAISSANCE STUDIES – intended to assess overall system needs (100% funding)
- 🔹 LEVEL II - FEASIBILITY STUDIES – focus is on specific projects (100% funding)
- 🔹 LEVEL III - DESIGN, PERMITTING, LAND ACQUISITION, CONSTRUCTION (67% grant, 33% loan)

PROJECT PRIORITIES

1. MULTIPURPOSE PROJECTS
2. STORAGE PROJECTS
3. IRRIGATION & MUNICIPAL WATER SUPPLY PROJECTS
4. IRRIGATION & MUNICIPAL WATER SUPPLY SYSTEMS

PROJECT PRIORITIES

5. RURAL DOMESTIC OBTAINING WATER FROM ANOTHER EXISTING PUBLIC WATER SUPPLY
6. RURAL DOMESTIC WITH INDEPENDENT WATER SUPPLIES
7. HYDROPOWER PROJECTS (Levels I & II studies only)

PROJECT PRIORITIES

8. PURCHASE EXISTING STORAGE

**9. MUNICIPAL & RURAL DOMESTIC RAW
WATER PROJECTS**

INELIGIBLE PROJECTS

1. REFINANCING OF EXISTING PROJECTS
2. WASTEWATER PROJECTS
3. RECREATION
4. ENVIRONMENTAL ENHANCEMENT
5. FLOOD CONTROL
6. REHABILITATION OF HYDROPOWER PROJECTS

INELIGIBLE PROJECTS

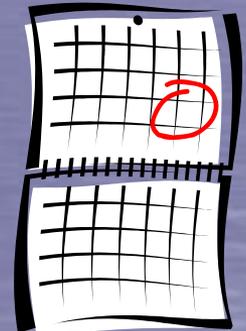
7. EROSION CONTROL
8. DISTRIBUTION SYSTEMS
9. WATER TREATMENT FACILITIES
10. SUBDIVISIONS (constructed after 2000)

PROJECT FUNDING PROCESS

- AUGUST 15 - APPLICATION DEADLINE FOR NEW PROJECTS
- OCTOBER 1 - APPLICATION DEADLINE FOR CONTINUING PROJECTS
- NOVEMBER - WWDC, WITH INPUT FROM SWC, DEVELOP PRELIMINARY FUNDING RECOMMENDATIONS
- NOVEMBER - GOVERNOR REVIEWS AND COMMENTS ON RECOMMENDATIONS
- NOVEMBER/DECEMBER - PUBLIC HEARINGS FOR PROPOSED CONSTRUCTION PROJECTS

PROJECT FUNDING PROCESS

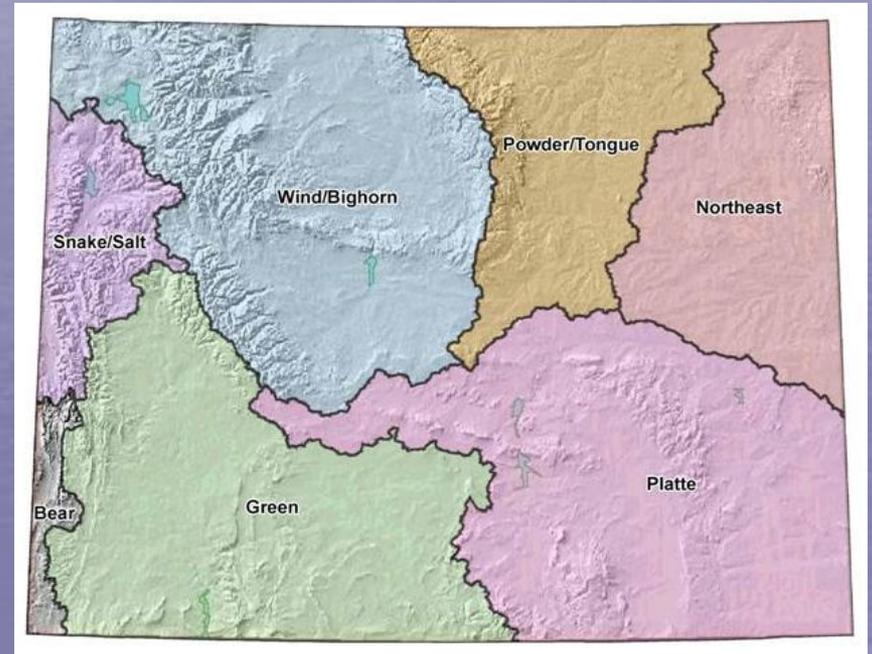
- ◆ DECEMBER/JANUARY - WWDC DEVELOPS FINAL FUNDING RECOMMENDATIONS
- ◆ DECEMBER/JANUARY - SWC REVIEWS AND APPROVES OMNIBUS WATER BILLS
- ◆ JANUARY/FEBRUARY - WYOMING LEGISLATURE APPROVES PROJECT FUNDING
 - OMNIBUS WATER BILL - PLANNING
 - OMNIBUS WATER BILL - CONSTRUCTION



WYOMING'S WATER PLANNING AGENCY

RIVER BASIN PLANNING

- SURFACE WATER
- GROUNDWATER
- SEVEN (7) MAJOR DRAINAGE BASINS



WYOMING'S WATER PLANNING AGENCY

💧 FRAMEWORK OR STATE WATER PLAN

💧 WATERSHED STUDIES

💧 WATER RESOURCES DATA SYSTEM (WRDS)
UNIVERSITY OF WYOMING

WYOMING'S WATER INVESTMENTS

- BUFFALO BILL ENLARGEMENT - 190,000 ACRE FEET OF STORAGE WATER
- FONTENELLE RESERVOIR - 120,000 ACRE FEET OF STORAGE WATER
- HIGH SAVERY DAM AND RESERVOIR - 22,400 ACRE FEET OF STORAGE WATER
- PALISADES RESERVOIR - 33,000 ACRE FEET OF STORAGE WATER
- PATHFINDER MODIFICATION PROJECT - WYOMING ACCOUNT-20,000 ACRE FEET/YEAR
- GLENDON RESERVOIR - 10,600 ACRE FEET OF STORAGE WATER

GROUNDWATER EXPLORATION GRANT PROJECT

- 💧 SPONSORS - MUNICIPALITIES AND SPECIAL DISTRICTS
- 💧 PURPOSE - EXPLORATION FOR AND FEASIBILITY STUDIES OF THE USE OF UNDERGROUND WATER
- 💧 MAXIMUM FINANCIAL PARTICIPATION OF PROGRAM IS \$400,000 PER PROJECT
- 💧 SPONSORS MUST PROVIDE 25% OF PROJECT COSTS

SMALL WATER PROJECT PROGRAM

- 💧 SPONSORS - LEGAL ENTITIES INCLUDING CONSERVATION DISTRICTS
- 💧 PURPOSE - FUNDING ASSISTANCE FOR CONSTRUCTION, REHABILITATION AND REPLACEMENT OF SMALL DAMS, WINDMILLS, SPRING DEVELOPMENT, PIPELINES, ETC. FOR LIVESTOCK, WILDLIFE, IRRIGATION, ENVIRONMENTAL AND RECREATION PURPOSES



SMALL WATER PROJECT PROGRAM (continued)

- 💧 PROJECTS EVOLVE FROM WWDC WATERSHED STUDIES OR EQUIVALENTS
- 💧 TOTAL PROJECT BUDGET CANNOT EXCEED \$100,000 PER PROJECT
- 💧 MAXIMUM WWDC FINANCIAL PARTICIPATION IS \$25,000 PER PROJECT
- 💧 APPLICATIONS DUE JANUARY 1 OF EACH YEAR

INSTREAM FLOW WATER RIGHTS

💧 WYOMING'S INSTREAM FLOW LAW - 1986

💧 PROCESS

💧 GAME & FISH PROPOSES STREAM SEGMENTS

💧 WWDC CONDUCTS HYDROLOGIC ANALYSES

💧 WWDC FILES PERMIT APPLICATIONS

💧 STATE ENGINEER ISSUES PERMITS

💧 WWDC HOLDS THE PERMITS ON BEHALF OF STATE

UW WATER RESEARCH PROGRAM

- WWDC/UW PARTNERSHIP TO PURSUE RESEARCH ON CONTEMPORARY WATER ISSUES IN THE STATE
- ISSUES IDENTIFIED BY STATE AND FEDERAL AGENCIES
- WWDC AND USGS PROVIDE FUNDING
- UW PROVIDES MANAGEMENT
- UW PROFESSORS AND STUDENTS CONDUCT THE STUDIES

PROGRAM EXPENDITURES

- 💧 WDA I – New Development and Administration
 - 💧 Expenditures = \$930,032,000
 - 💧 Active Projects = \$187,656,000
- 💧 WDA II – Rehabilitation
 - 💧 Expenditures = \$226,252,000
 - 💧 Active Projects = \$ 53,668,000
- 💧 WDA III – Dams and Reservoirs
 - 💧 Expenditures = \$14,217,000
 - 💧 Active Projects = \$23,092,000

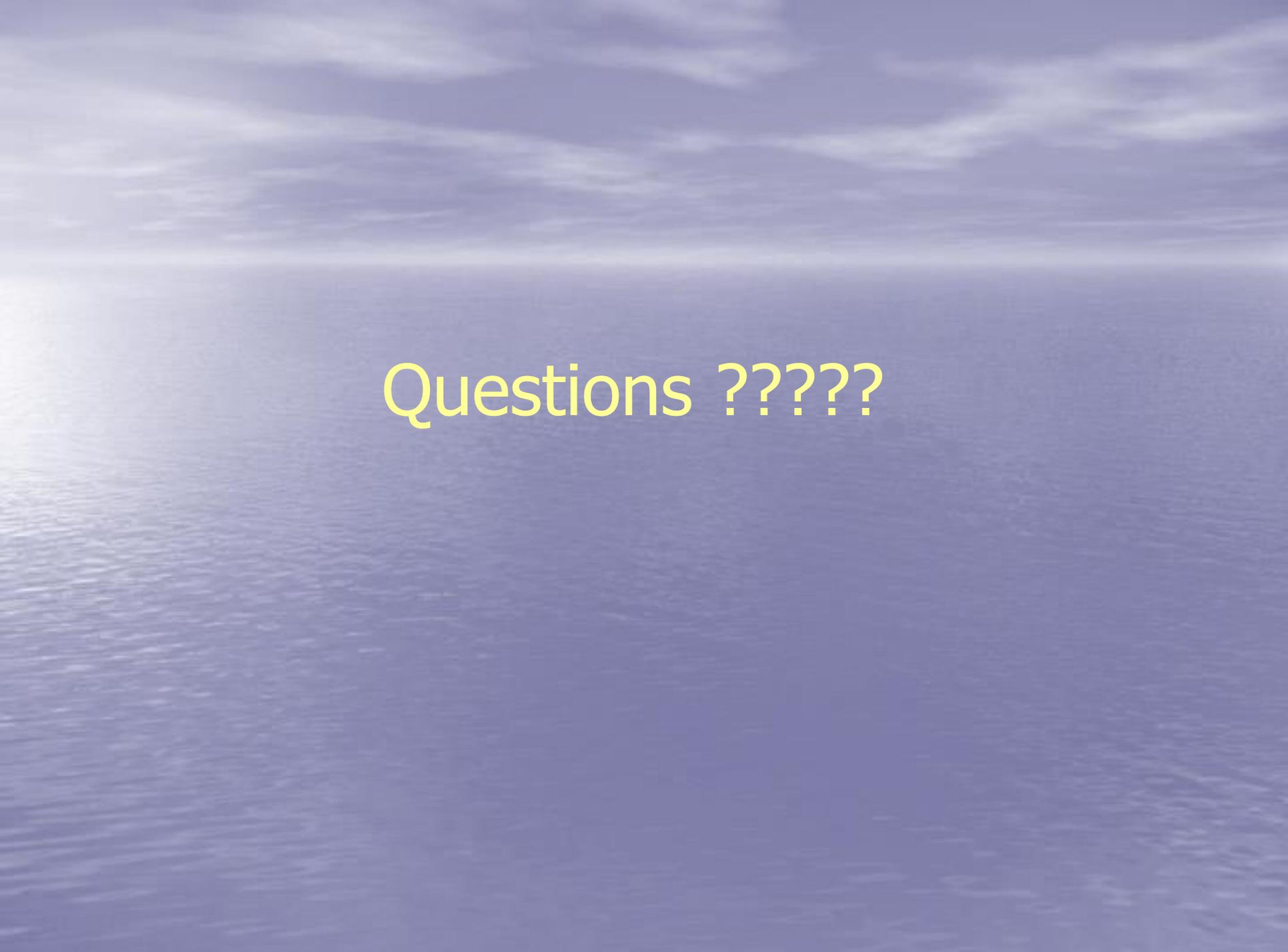






CONCLUSIONS

- DEDICATED FUNDING STREAM PROVIDES STABILITY
- OVERSIGHT LIASON WITH THE SWC ASSISTS IN THE LEGISLATIVE PROCESS
- BROAD BASED PROGRAM ASSURES SUPPORT FROM THROUGHOUT THE STATE



Questions ?????