

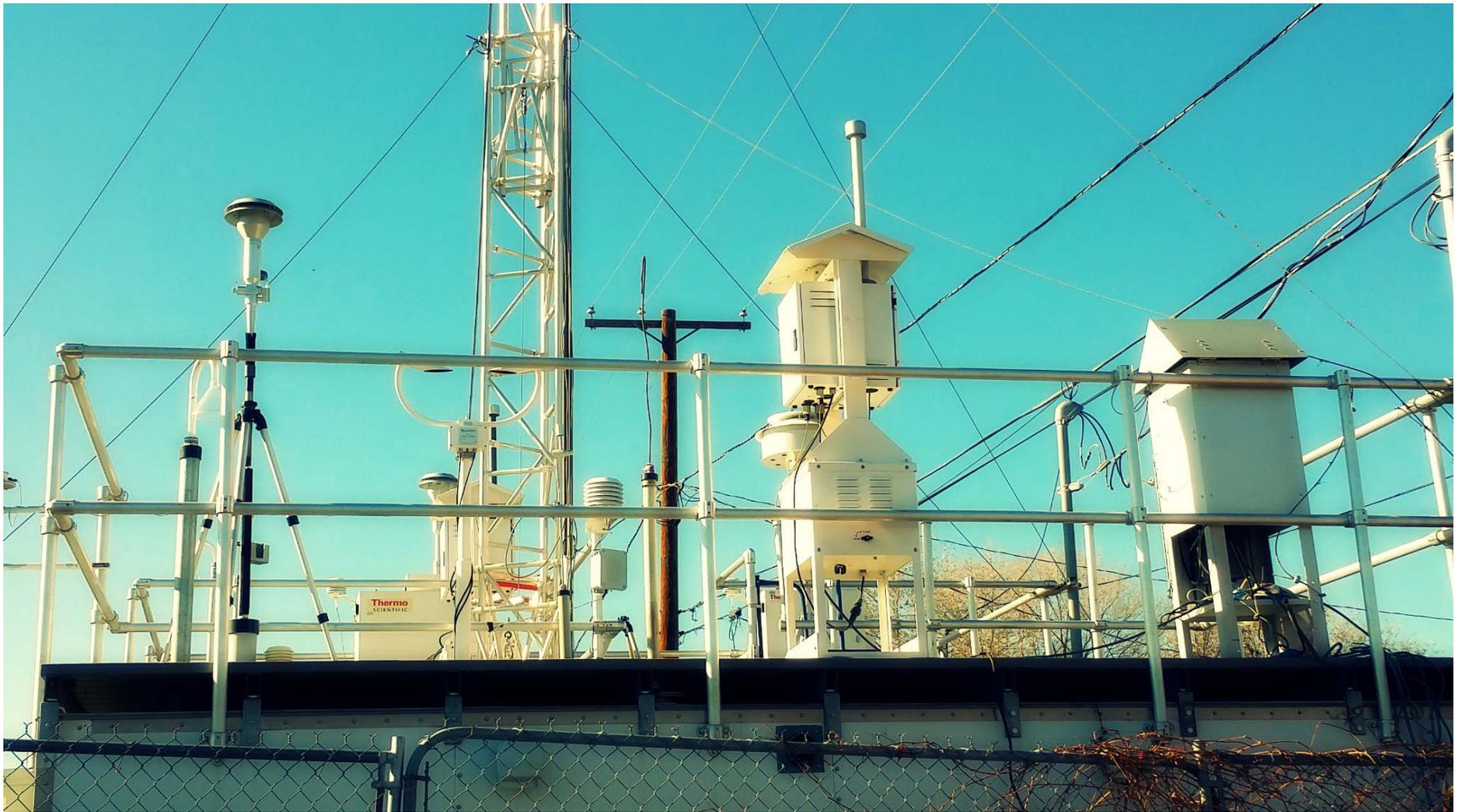
UTAH DEPARTMENT *of*
**ENVIRONMENTAL
QUALITY**

APPROPRIATIONS SUBCOMMITTEE 2016

Budget Requests FY2017

- Monitoring Equipment and Expanded Monitoring Network
- Air Quality Research
- CARROT Grant Program
- Drinking Water Use Data Collection
- Drinking Water Operations
- Reallocations and Transfers
- DEQ Technical Support Center

Monitoring Equipment and Network Expansion



Monitoring Equipment and Network Expansion

Request

\$2.16 million (one-time) from General Fund

\$424,000 (ongoing) from General Fund

Need

- Forty-six percent of DAQ's 196 monitoring instruments are beyond their regulatory life.
- New EPA monitoring requirements necessitate three new near-road monitoring sites.
- Air monitors are required for counties with 50,000 residents (Iron County).

Benefits

- Ensures adequacy of air-monitoring equipment.
- Provides more accurate air-monitoring data.
- Meets federal requirements needed to maintain state control of air quality programs.
- Responds to state population growth.

Monitoring Budget

Description	One-Time Funding	Ongoing Funding
Equipment Replacement	\$1,300,000	\$300,000
Near-Road Monitoring	\$675,000	\$93,150 (0.75 FTE)
Iron County Baseline Monitoring	\$185,000	None
SO2 Rule Changes	None	\$31,050 (0.25 FTE)
Total	\$2,160,000	\$424,200



Air Quality Research



Air Quality Research

Request

\$250,000 (one-time) from General Fund

Need

- Leaking volatile organic compound (VOCs) from oil and gas equipment contribute to ozone formation in the Uinta Basin.
- Traditional methods may be underestimating VOC emissions.
- A sound approach for evaluating emissions will help DAQ and industry reduce VOC leaks.

Benefits

- Provides a better understanding of how air pollution is formed in the Basin.
- Establishes a collaborative approach among DEQ, Tri-County Health, Bingham Entrepreneurship and Energy Research Center, and Western Energy Alliance.
- Increases the efficiency and effectiveness of leak detection and repair.
- Offers additional options for meeting federal ozone standards.
- Creates local solutions instead of EPA's "one-size-fits-all" approach.

CARROT Grants



CARROT Grant Program

Request

\$500,000 (one-time) from General Fund

Need

- Mobile and area sources contribute approximately 85 percent of Wasatch Front emissions.
- New ozone standard will require additional emission reductions to meet federal requirements.

Benefits

- Provides immediate air-quality benefits with every equipment upgrade or change-out.
- Removes significant sources of pollution from older, heavy-duty diesel equipment.
- Reduces emissions from household lawn and garden equipment.
- Educates residents about the ways they can make a difference in Utah's air quality.

CARROT Program Results

Emission Reductions 2015	
Heavy-Duty Diesel	477 tons (lifetime)
Lawnmower Discount and Exchange Program	3.6 To 11.25 tons per year
Estimated Emission Reductions 2016	
Heavy-Duty Diesel	12,978 tons (lifetime)
School Bus Replacement	89 tons (lifetime)
Lawnmower Discount and Exchange Program	TBD (~ three times 2015)



Drinking Water Use Study

REPORT TO THE
UTAH LEGISLATURE
Number 2014-13



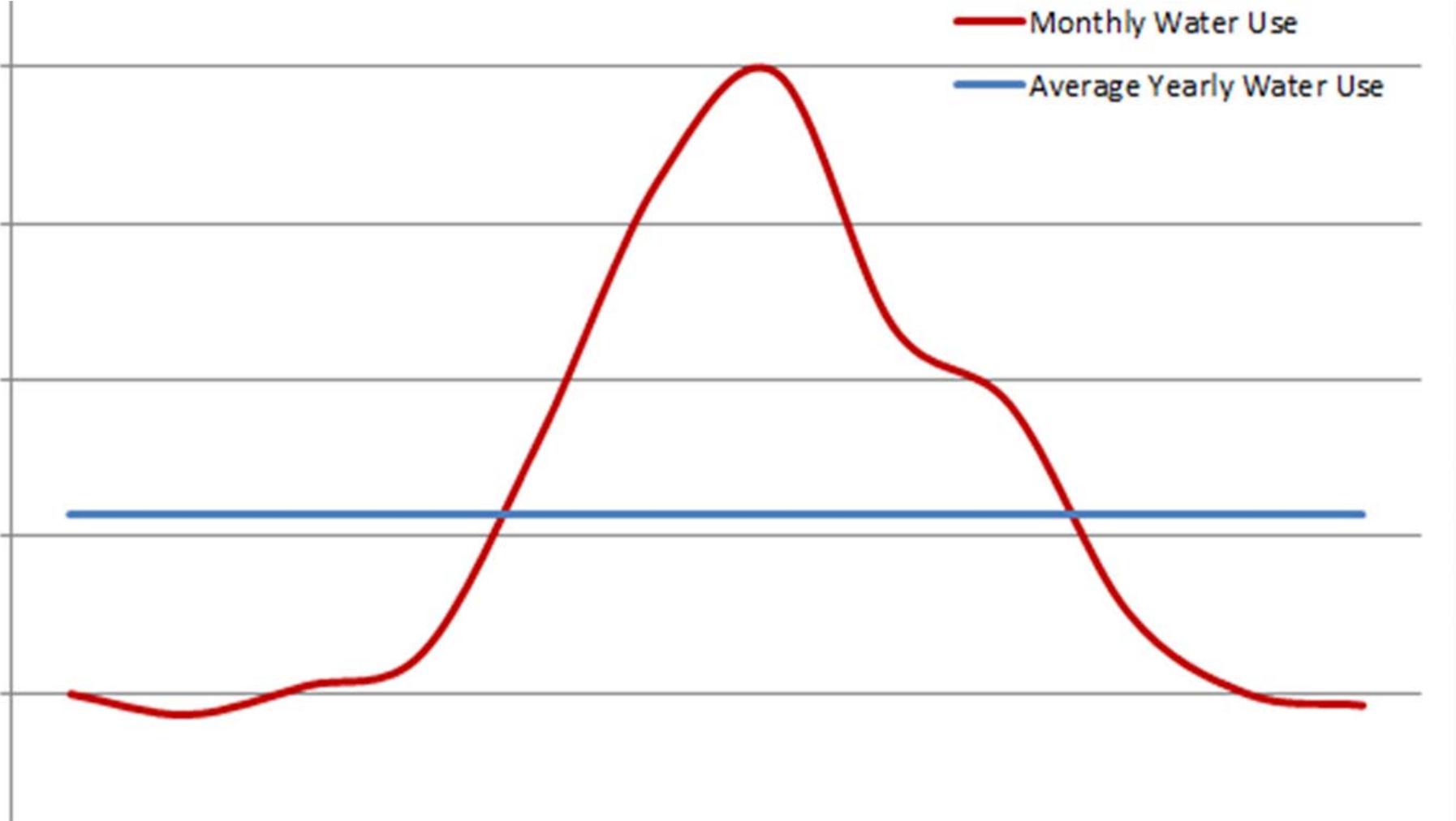
**A Review of the Division of Drinking Water's
Minimum Source Sizing Requirements**

Legislative Audit Recommendations

“We recommend that the Division of Drinking Water (DDW) reevaluate its indoor source-sizing regulations and issue a set of revised standards that are based on actual, indoor use data provided by Utah water systems.”

“We recommend that DDW review its outdoor source-sizing requirements and establish new requirements, based on current research, that are consistent with actual outdoor water use data.”

Water Use Data Collection



Water-Use Data Collection

Request

\$1.5 million (one-time) from Water Development Security Account

\$4 million (one-time) from General Fund

Need

- Audit identified concerns with state drinking water source-sizing requirements.
- Improvements to metering and reporting of Utah's water systems will provide important water-use data.

Benefits

- Provides accurate water-use data for water-infrastructure planning and water-demand projections.
- Ensures adequate water pressure and flows in drinking water systems.
- Provides better metering equipment for water systems participating in the study.
- Provides realistic projections for water management needs.
- Delivers better projections of water infrastructure costs.



Drinking Water Operations



Drinking Water Operations

Request

\$800,000 (ongoing) from the Water Development Security Fund

Need

- Division of Drinking Water (DDW) relied in the past on federal construction money to fund operations.
- Federal funding is depleted and no longer available. Existing state sales tax money allocated to DDW for construction could fill funding gap.
- All other state water agencies use a portion of these sales tax monies to fund operations.

Benefits

- Uses funding that is already in place for water-related state programs.
- Ensures that DDW can provide critical drinking-water services to the public.



Operations Budget

Personnel Services and Expenses	\$334,964
Current Expenses	\$14,045
WaterLink Database	\$250,934
Local Health Contracts	\$200,000
Total:	\$800,000



Reallocations and Transfers



Reallocations and Transfers

Hazardous Substance Mitigation Fund Transfer

One-time request to transfer \$400,000 from the EQRA to provide funds for emergency response and to meet the 10 percent match for Superfund cleanup projects.

Technical Reallocation of Attorney General Funding Source

Supplemental & Ongoing adjustment of \$55,300 to correct the funding sources to pay for DEQ's contract with the Attorney General's Office.

Technical Reallocation of Radon Program

Consolidation of two Divisions last session requires the transfer of \$90,400 in the Radon Grant to the Executive Director's Office, where the program was moved.

Technical Reallocation of Waste Isolation Pilot Plant (WIPP)

Consolidation of two Divisions last session requires the transfer of \$133,400 from Environmental Response & Remediation to Waste Management and Radiation Control, where the program was moved.

Reallocations and Transfers

Adjustment to Waste Management & Radiation Control Credits

Authorization to collect reimbursements of \$700,000 from permittee on contract costs related to their permits.

Adjustment to Water Quality

Authorization for anticipated federal reimbursement of \$463,900 for services related to the Gold King Mine Spill.

Technical Support Center



DEQ Technical Support Center

Request

Approximately \$6.2 million for a 18,000 sq. ft. facility on state-owned land

Need

- Current facility is a retrofitted warehouse not designed for laboratory uses.
- Inadequate temperature and humidity control can compromise data.
- Safety and security concerns exist at current location.

Benefits

- Ensures reliable scientific data to protect the public.
- Improves agency efficiency.
- Accommodates anticipated growth in programs.
- Improves safety and security.
- Replaces two leased facilities with a state-owned building on state-owned lands near current DEQ offices.