



UTAH DEPARTMENT *of*
**ENVIRONMENTAL
QUALITY**

BUDGET REQUESTS 2017

Budget Requests FY2018

- Air Quality Monitoring Equipment
- Uinta Basin Leak Detection and Repair Program
- Harmful Algal Bloom Fund
- Spill Coordinator
- Water Use Study
- PST Funding Correction
- Reallocations and Transfers

Air-Quality Monitoring Equipment



Air-Quality Monitoring Equipment

Request

\$1.3 million (one-time) from General Fund

\$150,000 (ongoing) from General Fund

Need

- Twenty-three percent of existing monitoring equipment is past its useful life.
- Equipment breakdowns prevent the network from collecting required data.
- Population growth in Iron County requires expansion of the monitoring network to meet federal regulatory requirements.

Benefits

- Ensures adequacy of air-monitoring equipment and accuracy of data.
- Meets federal requirements needed to maintain state control of air-quality programs and prevent establishment of a federal monitoring network in Utah.
- Responds to state population growth.
- Responds to public requests for accurate data so residents can make informed choices during pollution events.

Uinta Basin Leak Detection and Repair



Uinta Basin Leak Detection and Repair

Request

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

Need

- Undetected leaks contribute emissions to the Basin's airshed that can lead to exceedances of the ozone health standard.
- A nonattainment designation for ozone could lead to top-down, non-local approaches for regulating emissions from oil and gas operations.
- Many oil and gas operators don't have the resources for leak detection and repair programs.

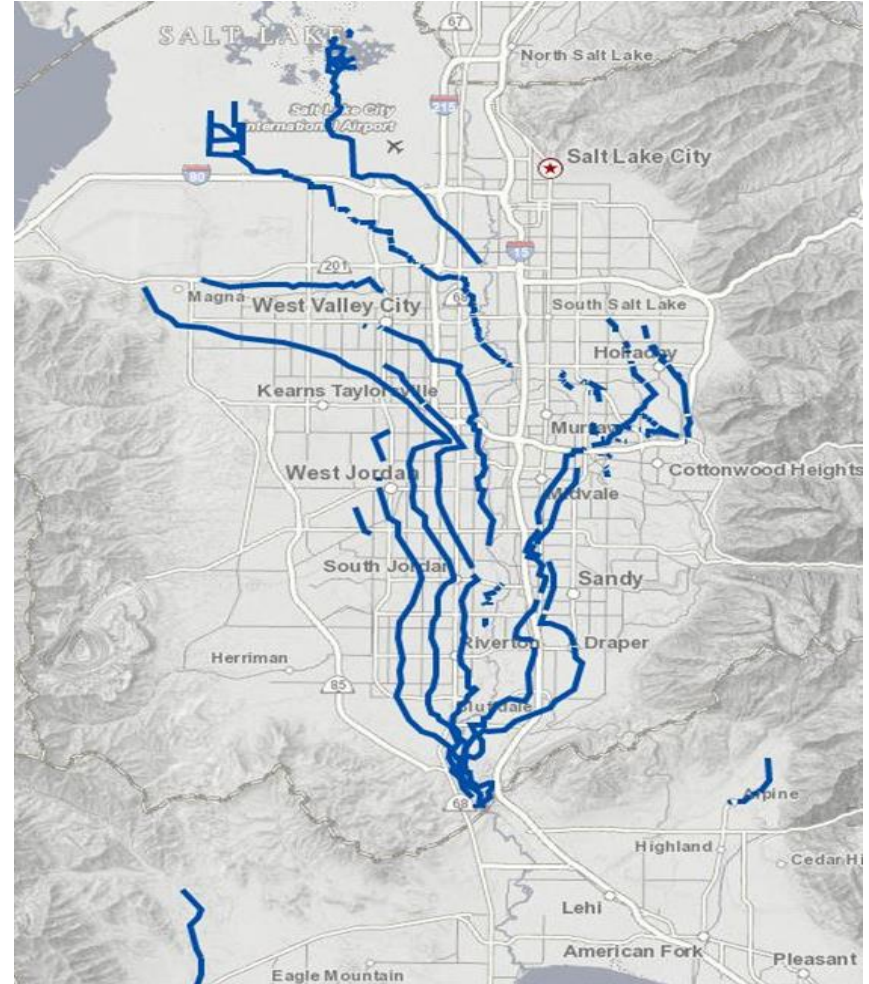
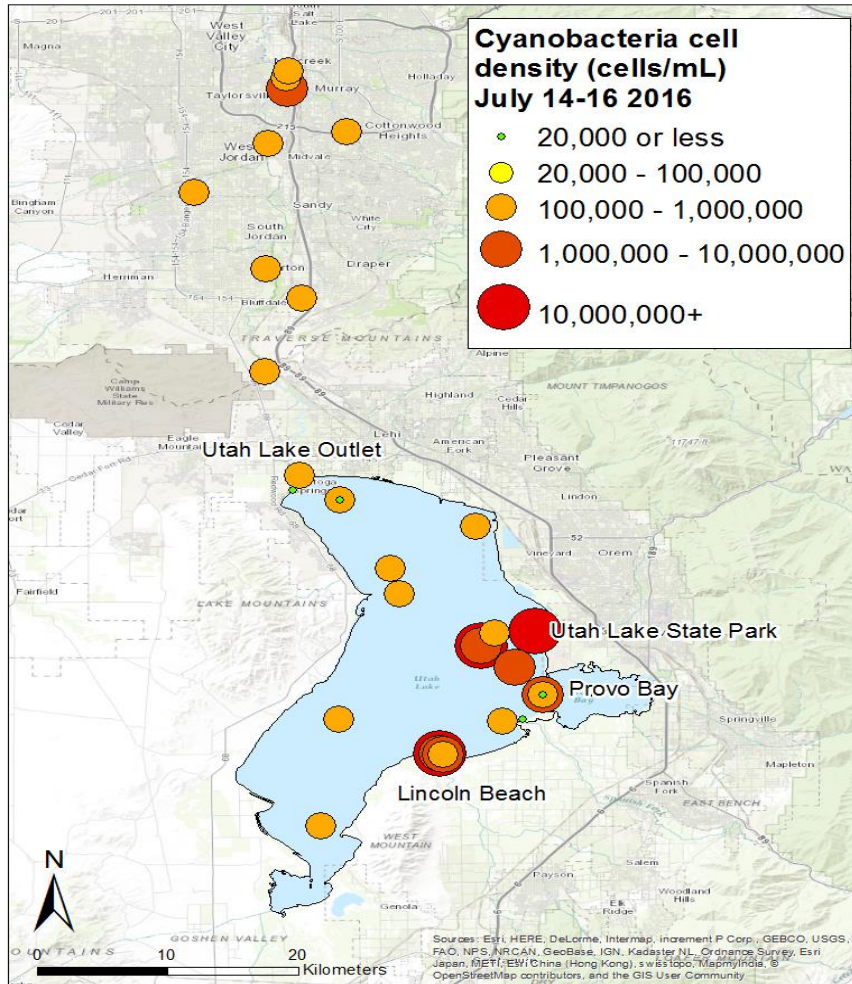
Benefits

- Provides direct economic benefit to operators through recovery of lost product.
- Reduces emissions and improves air quality.
- Allows industry to voluntarily address problems before they become compliance issues.
- Provides DAQ with important emissions-inventory data that will help the division develop local solutions to wintertime ozone.

Harmful Algal Bloom Funding



Utah Lake and Jordan River HAB 2016



Harmful Algal Bloom (HAB) Funding

Request

\$123,000 (one-time) from General Fund

Need

- Harmful algal blooms (HABs) pose a health risk to the public, jeopardize drinking-water supplies, threaten secondary water users, and create economic hardships for affected users and businesses.
- Local health departments, water providers, and other public entities need accurate data to make decisions to protect public health, safety, and welfare.
- Current resources are not sufficient to meet the growing demand for rapid data collection and sample analysis during HAB events.

Benefits

- Provides DWQ with the resources to respond to HABs quickly and efficiently.
- Provides local health departments with critical information to make decisions within 24 hours of data collection.
- Ensures that state entities have accurate data for decision-making on the safety of drinking-water and secondary-water supplies.

Funding Allocation

Description	One-Time Funding
Two Seasonal Employees (June to November)	\$48,000
Equipment and Supplies	\$16,000
Lab Confirmation Analysis	\$5,000
Phytoplankton Analysis	\$54,000
Total	\$123,000



Spill Coordinator



Spill Coordinator

Request

\$120,900 (ongoing) from Restricted Water Development Security Account

Need

- Number of spills increases as population increases.
- DEQ currently responds to an average 15-17 spills per month.
- Previous distribution of spill-response duties among six staff members resulted in inefficiencies, including slower response time and delayed spill close-out.
- Adequate spill response requires time-critical and labor-intensive activities such as monitoring, investigation, and enforcement.

Benefits

- Guarantees faster spill response and remediation.
- Utilizes staff time more efficiently and effectively.
- Ensures that spills reported to DWQ are resolved and closed in a timely manner and enforcement actions taken when necessary.
- Provides improved coordination of activities and responses to spills.

Spill Coordinator Duties

- Respond to an average of 15-17 spills reported to DEQ each month. Duties include:
 - In-the-field response
 - Sample collection and analysis
 - Coordination of public notices
- Close out reported spills within 60 days.
- Coordinate with Division of Emergency Management, EPA, and local health departments for spill response.
- Coordinate any necessary enforcement actions.



Phot

Water Use Study

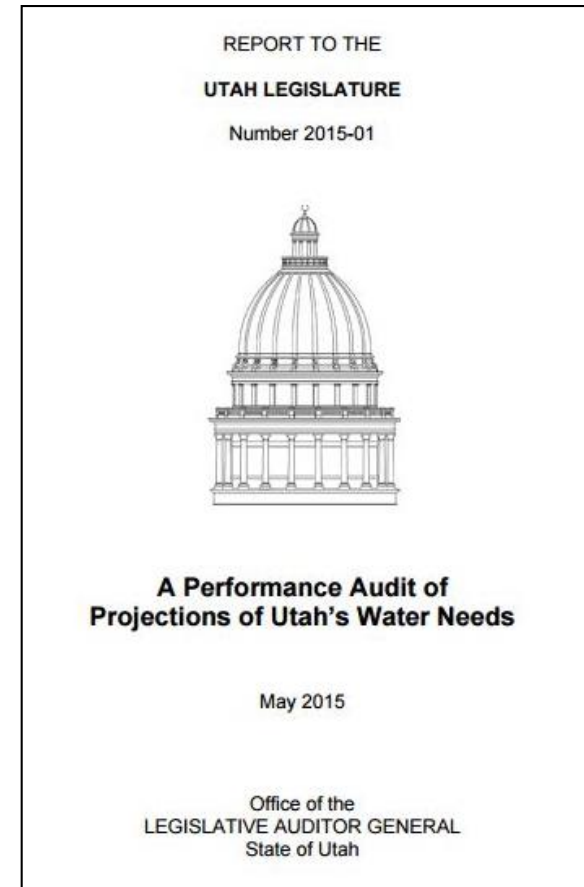


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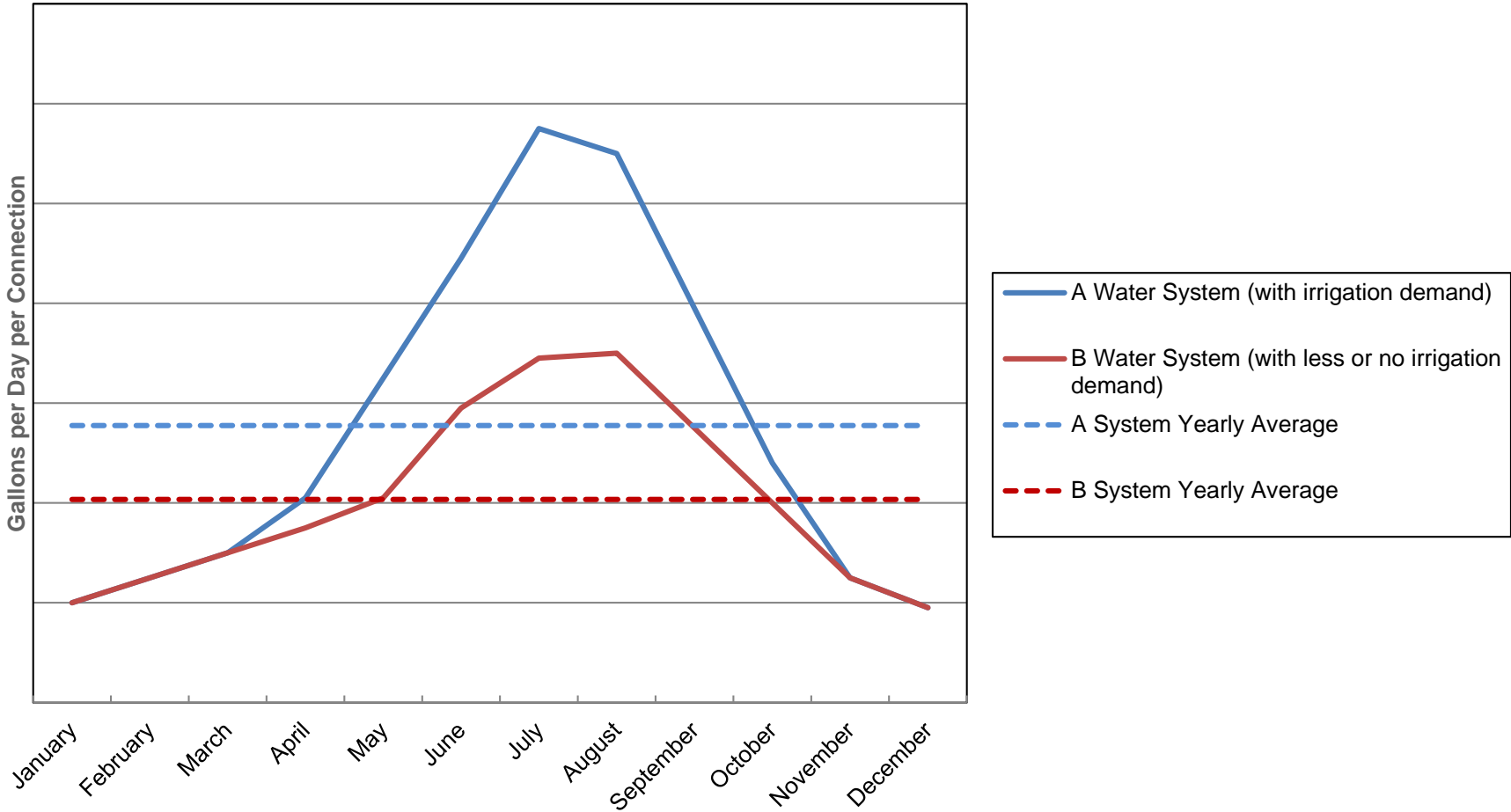
Legislative Audit Recommendations

“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 Patterns



Urban and Rural Water Use



Water Use Study

Request

\$4 million (one-time) from the Water Infrastructure Fund

\$500,000 (one-time) from the Drinking Water State Revolving Loan 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.

PST Funding Correction



PST Funding Correction

Request

Restore \$595,000 appropriation authorized by HB138 and attach it to the correct account (the PST Cleanup Fund)

Need

- HB138 required DERR to recover oversight costs for non-PST fund releases.
- Costs recovered from non-PST fund releases are required by statute to go into the PST Cleanup Fund.
- Spending authorization from the PST Cleanup Fund allows DERR to access monies in the fund for oversight of non-PST covered releases.

Benefits

- Provides budget authorization to spend funds from the PST Cleanup Fund for oversight costs at sites not covered under the PST Trust Fund.
- Ensures that agency oversight costs at non-PST Fund releases are paid by the responsible party and are not subsidized by other agency funds.

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 required 10 percent state cost-share for Superfund cleanup projects.

WIPP Contract Transfer

One-time request to transfer \$162,600 from DERR to DWMRC after reevaluation of WIPP contract indicated DWMRC was best suited to oversee WIPP activities.

Adjustment to EQRA Funding to WMRC

Reduction of \$250,000 in EQRA funding to DWMRC from a reduction in expenditures and some savings due to the consolidation of Solid and Hazardous Waste and Radiation Control.



Questions?

