

# PERFORMANCE PARTNERSHIP AGREEMENT FY2020



*Photo courtesy of Jared Mendenhall, Utah DEQ Communications Office*

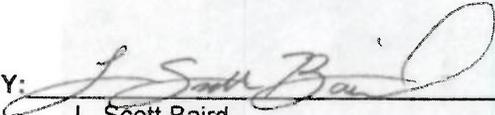
**Utah Department of Environmental Quality**  
and  
**U.S. Environmental Protection Agency, Region VIII**

UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY  
AND  
THE U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VIII  
FOR FISCAL YEAR 2020

By entering into this Performance Partnership Agreement (PPA), UDEQ and EPA agree to implementation of the goals and measures contained herein. The EPA commits to fund UDEQ in the amounts specified in the Performance Partnership Grant (PPG) application, subject to adjustments based on appropriations and EPA grant allocations. Should final appropriations be considerably less than these amounts, both parties may renegotiate the goals and measures outlined in the agreement.

The PPA covers the period from October 1, 2019 to September 30, 2020 and represents the workplan for the FY2020 portion of UDEQ's multi-year PPG.

FOR THE STATE OF UTAH

BY:   
\_\_\_\_\_  
L. Scott Baird,  
Executive Director  
Utah Department of Environmental Quality

11/7/2019  
DATE

FOR THE ENVIRONMENTAL PROTECTION AGENCY, REGION VIII

BY:   
\_\_\_\_\_  
Gregory Sopkin,  
Regional Administrator  
U.S. EPA Region VIII

11/21/19  
DATE

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# HOW WE DO BUSINESS

## **The Performance Partnership Agreement**

The State of Utah, Department of Environmental Quality (UDEQ) and the U.S. Environmental Protection Agency (EPA) Region VIII coordinate to deliver Utah's environmental services. This partnership concept, memorialized in the Performance Partnership Agreement (PPA), recognizes that each brings unique experience, capabilities, knowledge and resources to the table and that environmental issues can be more effectively addressed by maximizing these assets.

An End of Year report is used by UDEQ and EPA to jointly evaluate the partnership's success in achieving the environmental program goals, measures and commitments contained in this agreement and to jointly plan for next year's PPA. The evaluation seeks to determine whether the work undertaken in the PPA:

1. Addresses the stated strategic priorities and goals;
2. Achieves administrative cost savings;
3. Where appropriate, improves environmental results; and
4. Improves EPA/UDEQ working relationships.

The following tools, in alignment with principles of Cooperative Federalism, are used to ensure the Partnership's success:

**Joint Planning and Review:** Region VIII is responsible to periodically document that federally authorized programs are adequately conducted in conformance with authorization agreements. Under the PPA, EPA and UDEQ jointly evaluate program performance, identify needs, and determine how to best enhance program capacity. For delegated programs, UDEQ determines the best program structure, consistent with federal criteria. Implementation of non-delegated programs and programs on Indian land is a federal responsibility. Delegation or any other authorization to implement EPA programs to UDEQ does not extend to Indian country as defined in 18 U.S.C. Section 1151. EPA, or eligible Indian tribes, as appropriate, will retain responsibilities for EPA programs in Indian country.<sup>1</sup> However to ensure effectiveness, many of these activities also need State support.

**Financial Flexibility:** Most programs included in the PPA are partially funded by federal grants administered by EPA. UDEQ has flexibility in the use of federal funds in exchange for achieving agreed-upon environmental and program goals. Expenditure of federal grant funds and State cost shares must be consistent with the purposes and activities specified in the federal and state authorizing statutes and regulations and the commitments associated with the financial assistance.

**Adequate Resources and Staff:** EPA strives to provide appropriate shares of resources needed to carry out agreed upon commitments and new requirements. When adequate resources are not available, needs are jointly balanced and prioritized. This provides

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<sup>1</sup>. The parties acknowledge that EPA generally describes Indian country in Utah as follows: Indian country in Utah generally includes (1) lands within the exterior boundaries of the following Indian reservations located within Utah, in part or in full: the Goshute Reservation, the Navajo Indian Reservation, the reservation lands of the Paiute Indian Tribe of Utah (Cedar Band of Paiutes, Kanosh Band of Paiutes, Koosharem Band of Paiutes, Indian Peaks Band of Paiutes, and Shivwits Band of Paiutes), the Skull Valley Indian Reservation, the Uintah and Ouray Reservation (subject to federal court decisions removing certain lands from Indian country status within the Uintah and Ouray Reservation), and the Washakie Reservation; (2) any land held in trust by the United States for an Indian tribe; and (3) any other areas that are "Indian country" within the meaning of 18 U.S.C. Section 1151.

## HOW WE DO BUSINESS

opportunities to discuss potential investments and disinvestments, to address cross program challenges, and to leverage resources for the highest environmental gains.

**Technical Assistance:** Upon request, EPA is often able to provide technical assistance which may not otherwise be available. For activities that do not require a major commitment for federal resources, EPA personnel may be available on an ongoing basis. For activities requiring a major commitment, requests for technical assistance are made as part of the PPA negotiation process.

**Innovations:** Sharing cost-effective and efficient approaches to solve environmental problems benefits everyone. EPA agrees to provide flexibility for States to try new approaches and States will provide appropriate performance accountability mechanisms when new approaches are used. When necessary the PPA will be amended to address the new approaches.

**Alternative Dispute Resolution:** EPA and UDEQ are committed to use alternative dispute resolution as an effective tool to deal with disputes and potential conflicts.

**Oversight:** Oversight of state and tribal environmental program performance is an important function of the EPA. Program oversight is the process by which Region VIII carries out its responsibilities for periodically assessing, ensuring, and documenting that federally authorized programs are conducted by states and tribes adequately and in conformance with authorization agreements. Program oversight also encompasses continuing programs for which EPA funding is provided. Grant oversight focuses on deliverables, or action item commitments, and performance measures in grant work plans, and includes a fiduciary responsibility to ensure that grant funds are accounted for and used appropriately by recipients.

### **State Review Framework (SRF) and Uniform Enforcement Oversight System (UEOS)**

**Review:** EPA and the State promote environmental compliance and pollution prevention through technical and compliance assistance activities and enforcement, when necessary. The careful administration of compliance assistance, pollution prevention, and enforcement is directed toward the overall goal of achieving increased compliance and reducing risk in all priority areas. State RCRA Subtitle C, CWA NPDES, CAA Stationary Sources and PWSS enforcement program performance will be evaluated as described in the Region 8 State Enforcement Performance Oversight Protocol (FY2018 – FY2022) and as described in the state-specific State Oversight Plan. EPA and the State agree to follow the revised SRF elements one through five in reviewing and assessing state compliance activities and programs. The review will be done once every five years—and there is a current SRF review underway. This SRF review will be completed during the second quarter of FY 2020. The next UEOS review of the PWSS enforcement program is planned for FY 2022 (for the FY2021 performance period).

# AGREEMENTS AND INITIATIVES

## **Governor Priorities**

Utah policymakers have worked collectively and with stakeholders to establish a statewide energy policy that balances affordability, reliability, source diversity, economic vitality and growth, and environmental sustainability in the production and use of the energy resources within Utah with the need for economic viability and growth and environmental sustainability. A similar effort is occurring at the national level.

Governor Herbert has also made improving Utah's air quality, managing Utah's water resources, and preparing for population growth priorities of his administration. UDEQ and EPA will work closely to address water management issues and environmental challenges related to population growth, to find innovative and rapid ways to improve air quality in urban areas and throughout the state and to work cooperatively and, as appropriate, with other states, to address shared concerns.

Finally, UDEQ is coordinating with Local Health Departments and School Districts statewide to assess whether or not there is lead at levels of public health concern in the drinking water at Utah schools, If any is found, UDEQ will work with Partners to resolve related issues.

## **Compliance/Enforcement Process**

The diagram on page 10 outlines the general compliance and enforcement process agreed to by UDEQ and EPA.

In general, UDEQ and EPA will assume enforcement lead for violations identified by their respective programs. However, there may be instances where it would be appropriate for either UDEQ or EPA to take the lead for a violation cited by the other agency. These cases will be discussed to determine any impediments to enforcement and which agency is best suited to address the violation. EPA will notify UDEQ before initiating any enforcement action within Utah.

## **Data Management**

Maintaining consistent information is imperative to the interpretation and usage of the information by all parties and with local, state, and federal partners. UDEQ will look for ways to share data with local, state and federal partners that increases the access to and quality of UDEQ's data. UDEQ and EPA agree to continue analyzing reporting requirements in an effort to reduce reporting budgets and to ensure only data that is utilized is reported. The agencies agree that all information provided by UDEQ or a system generated by UDEQ is the responsibility of UDEQ and will not be changed by EPA staff or their representatives without prior approval.

## **Early Engagement**

UDEQ and EPA support Early Engagement as a vital component to effective policy development. Early Engagement ensures that the priorities and interests of the State and the Region are clearly articulated and considered. UDEQ and EPA will observe this approach to ensure the success of PPA programs.

## **Emerging Issues**

If both parties agree, UDEQ and EPA will reopen the PPA and amend it to address emerging issues not originally discussed during the PPA negotiations. This "reopener clause" is intended to address new issues that emerge during the PPA period. In addition, during the course of this agreement, UDEQ and EPA will examine how a "reopener clause" will operate for a future, multi-year document.

# AGREEMENTS AND INITIATIVES

## **Environmental Justice**

UDEQ and EPA agree to conduct all of their base regulatory programs within the framework and spirit of Environmental Justice (EJ). UDEQ and EPA agree to communicate about EJ issues, grant outreach, and Grantee activities in Utah and continue to assist, upon request, EJ grant funded activities in the state. UDEQ and EPA agree to exchange information, which, if appropriate, may give rise to opportunities for addressing additional EJ issues.

EPA is prepared to offer EJ training to UDEQ for the purpose of increasing understanding and improving clarity about EJ concepts and application. UDEQ and EPA will discuss the applicability of this training to UDEQ programs. EPA will provide the state access to its environmental justice Geographic Information System and other environmental justice tools and resources, as requested.

## **Food**

All official events sponsored by UDEQ that comply with the State and Department Food Policies are allowable under the PPA. If food costs are allowed under an EPA-approved grant work plan that is rolled up into the PPA/PPG, then both parties agree that case by case EPA approval is not necessary, as long as the purchase complies with the policies.

## **Implementation of Goals and Measures**

By entering into this agreement, UDEQ and EPA agree to implement the goals and measures contained herein. The EPA commits to fund UDEQ in the amounts specified in the Performance Partnership Grant application. Should final appropriations be different (i.e. more or less) than these amounts, both parties may renegotiate the goals and measures outlined in this agreement.

## **Inspection Targeting**

EPA will provide UDEQ with its list of annual inspection targets and its planned inspections for Utah. EPA will notify UDEQ of any changes in the inspection list as soon as possible. UDEQ programs will share their inspection targets with their respective counterparts, as outlined in the individual work plans.

## **Monitoring**

Collection and analysis of high-quality environmental information is a priority of EPA and UDEQ. Priority activities are those that meet EPA reporting requirements and monitoring activities which assist UDEQ and EPA to evaluate the state of Utah's environment. Agreed upon monitoring activities are identified in the program work plans.

## **Process Improvement**

UDEQ and EPA agree that ongoing process improvement is an important aspect of environmental program delivery. EPA agrees to support UDEQ's implementation of Continuous Improvement approaches to evaluate and adjust existing business and public participation practices within critical areas.

## **Quality System Program/Quality Management Plan (QMP)**

UDEQ operates an EPA-approved Quality System Program that meets or exceeds federal requirements for all programs and provides input into the regional/national databases. UDEQ worked with EPA's Quality Assurance Program to finalize a Quality Management Plan. The quality assurance project plans developed by UDEQ for the RCRA, CWA, CAA delegated programs and the CERCLA program are incorporated into this agreement by reference. As specified in the QMP, each is reviewed annually by UDEQ and updated with the assistance of EPA, as appropriate. Documentation of the annual review is to be done, using the EPA template, and included in the end of year report.

# AGREEMENTS AND INITIATIVES

## Supplemental Environmental Projects

EPA and UDEQ agree that Supplemental Environmental Projects (SEPs) can and should appropriately be used as a part of certain environmental compliance settlements as permitted by law. SEPs can be used to promote useful environmental projects to impacted communities.

## Training

UDEQ and EPA agree to jointly identify training opportunities to support the goals and objectives in this PPA. During FY2018, EPA agrees to support UDEQ's leadership succession and training efforts.

## Utah Base Program

UDEQ certifies that it has, maintains, and implements adequate programs in conformance with federal and state law and regulations and conditions set forth in authorizing documents (delegation, MOAs, enforcement agreements) for the following federal laws: the Clean Water Act (CWA); the Safe Drinking Water Act; the Resource Conservation and Recovery Act (RCRA); the Clean Air Act (CAA); the Pollution Prevention Act; the Toxic Substances Control Act; and the National Environmental Policy Act.

This agreement is not intended to and does not supersede authorization/delegation packages or enforcement agreements. Utah also works closely with the 13 local health departments in Utah to ensure that environmental programs are delivered effectively and efficiently. Currently, Utah has the following delegated programs:

### CAA

- Air Toxics (Partial)
- NESHAPS
- New Source Review (NSR)
- NSPS
- PSD (SIP)
- Title V

### CWA

- Construction Grants
- Non-Point Source (SIP)
- NPDES Water Quality Permits
- Pretreatment
- Sludge Management (Biosolids)
- State Revolving Fund (SRF)
- Water Quality Standards (SIP)

### FIFRA

- Enforcement
- Groundwater Protection (SIP)
- Pesticides Certification
- Worker Protection Safety

### RCRA

- Base Program
- Boilers & Industrial Furnaces (Interim)
- Corrective Action
- Land Disposal Restr. 1/3 Wastes
- Land Disposal Restr. 2/3 Wastes
- Land Disposal Restr. 3/3 Wastes

## AGREEMENTS AND INITIATIVES

- Land Disposal Restr. California Waste
- Land Disposal Restr. Construction & Demo Wastes
- Mixed Waste
- Solid waste
- Toxicity Characterization
- UST

### SDWA

- Drinking Water
- UIC Class I, III, IV and V (General)
- 
- Wellhead Protection (SIP)

### TSCA

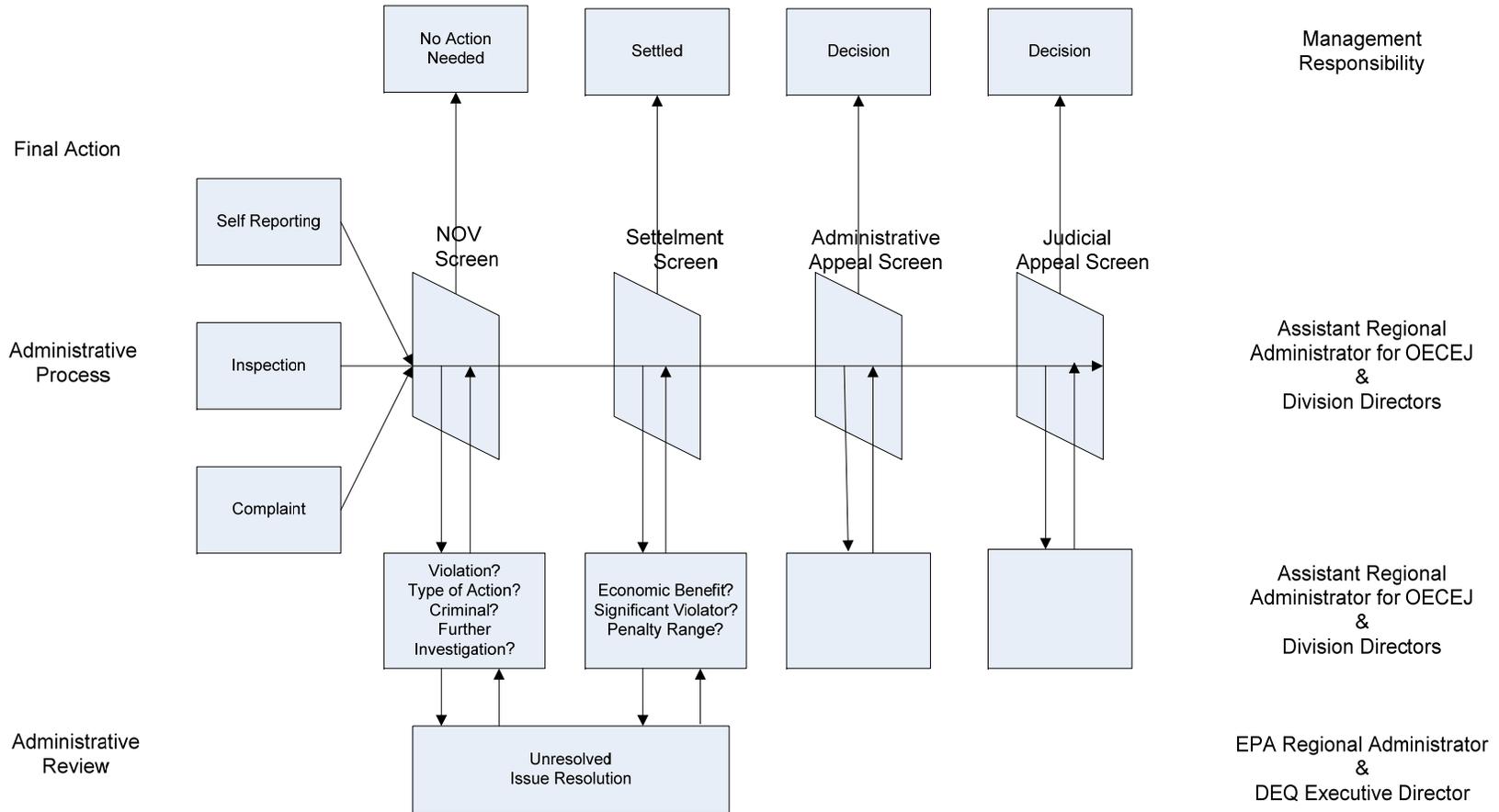
- AHERA Waiver (Enf)
- Asbestos (MAP)
- Lead

CERCLA (Non-Delegable)

EPCRA (Non-Delegable)

# AGREEMENTS AND INITIATIVES

## COMPLIANCE/ENFORCEMENT PROCESS



**UDEQ GOALS AND OBJECTIVES**  
**Executive Director's Office**  
**Business Assistance**

EPA Goal and Objective	UDEQ Goal	UDEQ Measure
<b>Objective 2.1</b> - Enhance Shared Accountability	<b>GOAL #1:</b> Continue to manage the State Quality System Program and the QMP	
	<b>Internal Support Objectives:</b>  1. Ensure the acquisition of accurate, reliable and defensible environmental data and support associated assistance programs as a necessary element of the awards.	a. Annual report submitted to Region 8 by January 31 which: · identifies any minor revisions needed and/or incorporated into the QMP during the preceding year; · confirms that the QMP approved by Region 8 is still in effect; and · includes complete signed electronic (i.e. pdf) copies of all QAPPs, by environmental program, which were self-approved by UDEQ during the preceding year. b. Mid-year internal Quality Review. c. Notification submitted to Region 8 in the event of significant changes to the QMP.
<b>Objective 3.2</b> - Create Consistency and Certainty	<b>GOAL #2:</b> Promote a sustainable relationship between economic development and environmental protection by coordinating work with businesses and related organizations.	
	<b>Business Assistance Objectives:</b>  1. Facilitate UDEQ cross-media business assistance.	a. Businesses making phone or e-mail contact to PPA receive informational assistance. b. Pre-design permitting meetings are held. c. Cross-divisional, sector specific focus in outreach activities developed and implemented, as appropriate. d. Business assistance Web pages are regularly updated. e. Opportunities are taken to encourage consistent business assistance policies within UDEQ. f. Regular coordination with GOED, EDCU, business assistance providers, Chambers of Commerce, and professional associations.

**UDEQ GOALS AND OBJECTIVES**  
**Executive Director's Office**  
**Business Assistance**

EPA Goal and Objective	UDEQ Goal	UDEQ Measure
	2. Serve as Small Business Ombudsman for UDEQ.	a. Air Quality Small Business Compliance Panel remains active and quarterly meetings are held. b. Availability of ombudsman is promoted on website and as part of informational presentations, as appropriate. c. Number of businesses contacted for DEQ feedback. d. Number of responses from business. e. Issues brought to ombudsman are appropriately handled. f. Opportunities are taken to encourage small business considerations in UDEQ policy development. g. Small businesses receive DEQ assistance with the permitting process and other programs as needed. h. Number of business visited in Ombudsman outreach initiative. i. Annual EPA Small Business Assistance Program report is completed.

**UDEQ GOALS AND OBJECTIVES  
OFFICE OF PLANNING AND PUBLIC AFFAIRS  
Stakeholder Involvement**

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
Supports All Strategic Goals		<b>CUSTOMER SERVICE</b>	
		<b>GOAL #4:</b> Provide public information and participation opportunities.	
		<b>Public Education Objectives:</b> Design and implement issue-specific campaigns to inform and involve the public.	a. Proactively employ traditional and social media to inform public of issues and programs. b. b. Develop an annual state of Utah environment report that highlights metrics that show how the environment has improved over time. Develop 'success stories' that show how DEQ achieved the improvements and developed innovations for a more efficient process. c. Spotlight issues and achievements with weekly blogs d. Promote and employ DEQ's website to public access to science-based information in an understandable context. E.g. <a href="http://habs.utah.gov">habs.utah.gov</a>
Supports All Strategic Goals		<b>Stakeholder Involvement Objectives:</b> As needed assist DEQ programs and project managers with outreach and web resources for specific projects.	a. Develop issue-specific communications plans. b. Create collateral materials like videos, fact sheets, info-graphics that help communicate issues to the public. c. Utilize Google analytics and other means to measure outcomes of outreach and adjust strategy when needed.
		<b>Media Relations Objective:</b> 1. Assist PIO with UDEQ media relations. 2..  Utilize DEQ's social media channels to highlight 'calls to action' on air quality, harmful algal blooms and other issues. E.g. Facebook group pages developed for air quality and water issues.	a. Web site improved for better customer service. b. PIO back-up is provided. c. UDEQ media policy is followed.

**UDEQ GOALS AND OBJECTIVES  
OFFICE OF PLANNING AND PUBLIC AFFAIRS  
Stakeholder Involvement**

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
		<b>Branding Objective:</b> Continue to define and establish DEQ's brand to help the public better engage with DEQ.	a. Continued development and promotion of DEQ's brand.

**UDEQ GOALS AND OBJECTIVES  
OFFICE OF PLANNING AND PUBLIC AFFAIRS  
State Indoor Radon Grant**

<b>EPA Goal and Objective</b>	<b>EPA Measurement</b>	<b>UDEQ Goal</b>	<b>UDEQ Measure</b>
Goal 1: A Cleaner, Healthier Environment  Objective 1,1 Improve Air Quality	Reduce Exposure to Indoor Air Pollution	Continue the fundamental activities regarding the EPA Radon Grant.	<b>1. Promote new home construction with radon resistant technology.</b>
			b. Conduct at least three educational training courses entitled, "Radon Resistant New Construction." The course will offer continuing education core credits by the Utah Department of Commerce, Division of Occupation and Professional Licensing (DOPL) and will be held throughout various areas of the state.
			c. Promote Radon Resistant New Construction by reaching out to Utah home builders through personal contacts, educational courses, advertising, and home show exhibits.
			d. Assist Utah Habitat for Humanity in its building projects by providing RRNC training. Assist Green and Healthy Homes with providing mitigation and RRNC training.
			e. Recognize and acknowledge home builders who are building RRNC homes in Utah via the Radon.Utah.Gov website, public events, and/or at Radiation Control Board meetings.
			f. Respond to opportunities provided by national radon organizations such as the American Association of Radon Scientists and Technologists (AARST) and the Conference for Radiation Control Program Directors (CRCPD) to attend national radon meetings and submit comments on radon standards (RRNC 2.0).
			<b>2. Support disclosure, testing and mitigation in conjunction with Real Estate transfers.</b>
			a. Conduct at least three educational training courses entitled, "Radon for the Real Estate Professional." The courses will offer continuing education core credits by the Utah Department of Commerce, Division of Real Estate (DRE) and will be held throughout various areas.
			b. Coordinate annual meetings for radon mitigators,

**UDEQ GOALS AND OBJECTIVES  
OFFICE OF PLANNING AND PUBLIC AFFAIRS  
State Indoor Radon Grant**

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
			measurement providers, and home inspectors to clarify EPA standards and protocols.
			c. Recognize and acknowledge Realtors who are radon educated on the Radon.Utah.Gov website.
			<b>3. Develop coalitions with local governments, partner affiliates and other radon risk reduction leaders.</b>
			a. Continue working with Utah's 12 local Health Districts in promoting public outreach. Encourage area outreach activities such as disseminating information packets on radon, distributing radon test kit coupons, and conducting radon educational presentations, and testing radon levels in schools.
			b. Continue working with the Huntsman Cancer Institute in raising awareness in the state. Outreach activities will include attending the 2019 University Health Care Be Well Utah Family Health Fair.
			c. Conduct outreach activities with the Utah Department of Health, Utah Cancer Action Network (UCAN), CanSAR, and the American Lung Association to promote radon awareness, radon testing, and mitigation.
			d. Provide assistance when requested by tribal organizations throughout Utah (specifically, the Piute tribe and the Shoshone tribe).
			e. Continue partnership with Intermountain Health Care (IHC) and other women/newborn centers by supplying hospitals with newborn radon packet information, which started December 2003 (FY04)
			f. Develop coalition with the Green and Healthy Homes Initiative (GHHI) Salt Lake Coalition to do radon testing in unhealthy homes throughout Salt Lake County.
			g. Provide radon education to the public through the National Radon Poster Contest, National Radon Action Month activities, Radon.Utah.Govwebsite, press releases, media appearances and advertisements, Governor's

**UDEQ GOALS AND OBJECTIVES  
OFFICE OF PLANNING AND PUBLIC AFFAIRS  
State Indoor Radon Grant**

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
			Declaration, school science projects, and scout eagle projects.
			h. Promote state radon legislation as opportunities arise.
			<b>4. Determine (track) and measure results with respect to awareness levels, testing frequency, mitigation, and radon resistant new construction.</b>
			a. Continue to track local and national media articles about radon and the health hazard associated with exposure to elevated levels.
			b. Continue to track educational opportunities to reach out to the general public, real estate professional, and homebuilders (see measures 1-2).
			c. Continue to track phone calls, visits on the DEQ Radon website (.Radon.Utah.Gov ), and email inquiries.
			d. Continue to track and report the number of homes tested for radon by currently listed radon measurement service providers, mitigation providers, and laboratories.
			e. Continue to track and provide annual reports of the number of homes built with RRNC, based on information provided by local home builders.
			f. Continue to track free radon test kit orders that come through the IHC newborn radon packets.
			g. Continue to track the number of homes mitigated quarterly by radon mitigation service providers.
			<b>5. Testing and, where necessary, mitigating schools for radon and radon decay progeny.</b>
			a. Educate School District Administrators about the health hazard associated with exposure to radon and promote radon testing in schools.
			b. Provide discounted radon test kits to school districts for testing, as requested.
			c. Continue assisting school districts with education and radon testing programs.

**UDEQ GOALS AND OBJECTIVES  
OFFICE OF PLANNING AND PUBLIC AFFAIRS  
State Indoor Radon Grant**

<b>EPA Goal and Objective</b>	<b>EPA Measurement</b>	<b>UDEQ Goal</b>	<b>UDEQ Measure</b>
			d. Solicit school districts to participate in National sponsored "Radon in Schools" Webinars.

## UDEQ GOALS AND OBJECTIVES OFFICE OF SUPPORT SERVICES

EPA Goal and Objective EPA Measure	UDEQ Goal	UDEQ Measure
Supports All Strategic Goals	<b>I. VALUE: EXCEPTIONAL SERVICE</b> <b>GOAL:</b> Partner with the Department and Divisions in planning and policy initiatives	
	1. Provide planning support for UDEQ initiatives and, on request, to statewide initiatives.	a. Process for completion of FY2020 PPA is successfully coordinated and final document is submitted to EPA. b. Process for completion of End-of-Year Report for FY 2019 PPA is coordinated with Divisions and is submitted to EPA.
	2. Continue to provide the financial application for the Performance Partnership Grant.	a. Complete the PPG grant and all necessary amendments and changes within prescribed due dates.
Supports all Strategic Goals	<b>VALUES: COMMITMENT TO EMPLOYEES; EXCEPTIONAL SERVICE</b> <b>GOAL:</b> Fully utilize our major resource.	
	<u><b>Leadership Training</b></u>  Support UDEQ leadership development initiative.	1. Regular leadership-training classes are held. 2. Follow-up activities in sections and branches are facilitated, as requested 3. Individual employees are coached, as requested.

## UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
<p>Goal 1: Work with states to accurately measure air quality and ensure that more Americans are living and working in areas that meet high air quality standards.</p>	<p>Reduce Criteria Pollutants and Regional Haze</p>	<p>1. Develop and implement appropriate SIPs and Maintenance Plans for all areas of the state.</p>	<p>a. State develops all State Implementation Plan revisions, including appropriate Maintenance Plans, required to meet federal law and submits them to EPA for their review and approval according to the established timeframe.</p> <p>b. All measures contained in the SIP approved by the Air Quality Board are fully implemented.</p>
		<p>2. Develop and improve appropriate inventories.</p>	<p>a. The Title V inventory is prepared by April 15.            b. Required inventory data is entered into the NEI by December 31.            c. Non-HAP/non-Criteria/non-MACT regulated pollutants are inventoried as required by federal rules.            d. The inventories required for the SIPs and Maintenance Plans are developed as required and appropriate technical support for each is submitted to EPA for their review with the applicable plan.</p>
		<p>3. Continue to meet federal requirements for PSD increment tracking.</p>	<p>a. Increment consumption for major sources in PSD areas is tracked as permits are issued.</p>
		<p>4. Maintain an adequate ambient air quality monitoring program meeting the requirements of 40 CFR Part 58 to assess public exposure to air pollutants and to establish the attainment status.</p>	<p>a. The annual Monitoring Network Plan is completed and submitted to EPA by July 1. The monitoring network is evaluated and modified to reflect the most recent changes in funding and national monitoring requirements to optimize the network.            b. The PM<sub>2.5</sub> monitoring network is maintained and operated as appropriate funding is received from EPA.            c. Monitoring data are submitted to EPA 90 days after each quarter.            d. Locations for new monitoring sites are based on current emission inventories, air quality modeling and EPA regulation.            e. Staff works with EPA to assess the impacts of changes to 40 CFR 58, and continues planning for the implementation of those changes (National Monitoring Strategy/NCORE Monitoring Network).            f. The National Air Toxics Trends site in Bountiful is operated in accordance with NATTS QAPP with</p>

## UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
			<p>appropriate updates.</p> <p>g. An appropriate response to each identified National Ambient Air Quality Standards (NAAQS) violation is prepared and submitted to EPA.</p> <p>h. The annual certification of each year's data is completed by the May 1 annual certification date.</p> <p>i. Participation in the Three-State Air Quality Study continues with two major tasks: 1) review the continued operation of the Price ozone/meteorological site after collecting 3 years of Federal regulatory data based on availability of EPA or BLM funding; and 2) provide staff and other support to the Three-State Data Warehouse and modeling efforts as the project design matures and funding allows.</p> <p>j. Continue operating the PAMS as included in the most current Annual Monitoring Network Plan contingent upon available funding from EPA.</p>
		<p>5. Maintain the compliance status of air pollution sources in the state.</p>	<p>a. By November 15, prepare and submit to EPA for review and approval the compliance monitoring strategy incorporating the provisions of EPA's July 14, 2014 Clean Air Act Stationary Source Compliance Monitoring Strategy (CMS). Ensure that CMS sources are flagged in the Integrated Compliance Information System (ICIS-AIR) for inspection, ensure that federally-reportable and high priority violations and associated enforcement actions are timely and correctly identified in ICIS-AIR.</p> <p>b. Asbestos notification, certification and outreach programs are continued, and at least 120 on-site inspections are performed.</p> <p>c. The work program for the AHERA Toxic Substances Compliance Monitoring Grant is continued. The AHERA Grant Work Plan approved by EPA Region VIII will be the environmental measure of success for the Utah AHERA Program.</p>

## UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
		6. Implement the Operating Permits Program meeting the current requirements of Title V, CAAA 1990, and the Utah Air Conservation Act.	<ul style="list-style-type: none"> <li>a. An Operating Permits Program is continued as described in program approval from EPA.</li> <li>b. The provisions of the Acid Rain Act and 40 CFR Part 72 and Part 76 are implemented.</li> </ul>
		7. Continue issuing approval orders for new sources and modifications of the existing approval orders.	<ul style="list-style-type: none"> <li>a. A demonstration is made that the NAAQS and PSD increment ceilings in Class I and Class II areas are protected.</li> <li>b. BACT/LAER determinations are either entered into the RACT/BACT/LAER Clearinghouse or the information is provided to EPA so they can enter the data.</li> </ul>
		8. Quality Assurance programs are reviewed for effectiveness.	<ul style="list-style-type: none"> <li>a. Statistical quality standards are met for the collection of ambient air data and emissions inventories prepared by the State.</li> <li>b. Rules, regulations, procedures, policies, and protocols are complied with.</li> <li>c. Regulatory activities are documented, including the appropriate technical support.</li> <li>d. The State and EPA agree on the adequacy of air program results.</li> </ul>
		9. Maintain the small business environmental assistance program (SBEAP) to actively assist small businesses to comply with rules of the Board.	<ul style="list-style-type: none"> <li>a. Educational Assistance is offered to all small businesses affected by adopted NSPS and NESHAP standards.</li> <li>b. As appropriate, the Small Business Compliance Advisory Panel's role is modified to increase the effectiveness of the SBEAP.</li> <li>c. On-site assistance is provided when requested.</li> <li>d. The small business work plan for the Small Business Compliance Advisory Panel is modified as appropriate to better meet assistance needs.</li> <li>e. Assistance tracking is modified as appropriate to better provide and measure assistance needs.</li> </ul>

## UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
		<p>10. Continue to implement R307-204, Smoke Management, the Utah Smoke Management Plan (SMP), and MOU to mitigate smoke impacts from managed natural fires and prescribed fire on visibility, public nuisance, and the health-based NAAQS.</p>	<p>a. Necessary burn approval and denial decisions made by the Smoke Program Coordinator and Division Director are coordinated with partner agencies.            b. The rules and SIP are revised as needed to implement revisions to the FLM burn policies and practices, particularly regarding Use of Wildland Fire issues.</p>
		<p>11. Work with EPA to obtain federal action on new SIP submittals, and on the backlog of State submittals,</p>	<p>a. Appropriate assistance is provided to EPA staff responsible for completing federal action on each submittal to facilitate final EPA action on each.</p>
		<p>12. Implement designated facility plans, NSPS, NESHAPS, MACTs, CTGs and RACT.</p>	<p>a. MACT Standards that apply to sources in Utah are adopted through rulemaking and implemented through the Operating Permit process as they are developed and promulgated by EPA.            b. NSPS standards that apply to sources in Utah are adopted through rulemaking and implemented through the permit process as they are developed and promulgated by EPA.            c. Rules implementing specific source RACT are developed and implemented as appropriate.            d. RACT determinations included in the Ozone Maintenance Plan and PM SIPs are reviewed and updated as appropriate.            e. UDAQ staff participates in EPA regional meetings and conference calls which will focus on sharing information and building state capacity to identify, characterize and address air pollution sources in Utah communities based on available resources.</p>

## UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
		<p>13. Submit monitoring data to EPA as required.</p>	<p>a. Quality assured ambient air pollution data is submitted to AQS no later than 90 days after each calendar quarter.  b. Data precision and accuracy assessments are submitted to ICIS-Air no later than 90 days after each calendar quarter.  c. ICIS-Air is monitored on an ongoing basis for accuracy and completeness consistent with the MDR's as well as the CMS and HPV Policies.  d. Data summary reports are printed for regulatory and public use as appropriate.</p>
		<p>14. Respond to questions from the public regarding air quality issues.</p>	<p>a. Ambient air quality data is provided to the AirNow Program.</p>
		<p>15. a) Work with other state / federal / local agencies to reduce diesel emissions in Utah.  b) Work with Cache and Wasatch Front Counties to implement motor vehicle inspection and maintenance (I/M) programs that meet requirements in the Utah SIP.  c) When opportunities are available, continue to apply for federal Targeted Airshed Grants for emissions reductions incentive programs in applicable airsheds.  d) Transportation Conformity – assist Cache, Wasatch Front, and Utah County MPOs with their CAA and 40 CFR 93, Subpart A conformity determinations as per the provisions of Section XII of the Utah SIP.</p>	<p>a. Continue implementing the Utah Clean Diesel Program and apply for additional funding through the Diesel Emissions Reduction Act (DERA) program.  b. Continue efforts with Cache, Davis, Salt Lake, Utah, and Weber counties to implement their respective I/M programs and update SIP Section X to reflect the most current versions of the county I/M programs.  c. Continue implementing, tracking and reporting on currently awarded Targeted Airshed Grants as well as applying for more grants as opportunities become available.  d. Continue to provide consultation and interagency collaboration to assist the Cache MPO, Wasatch Front Regional Council (WFRC), and the Mountainland Association of Governments (MAG) as they develop conformity determinations for their respective Regional Transportation Plans (RTP) and Transportation Improvement Programs (TIP).</p>

## UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

		<p>16. Reduce Air Toxics</p>	<p>a. MACT Standards that apply to sources in Utah are adopted through rulemaking and implemented through the Operating Permit process as they are developed and promulgated by EPA.</p> <p>b. UDAQ staff participates in EPA regional meetings and conference calls that focus on sharing information and building state capacity to identify, characterize and address air toxics risks in Utah communities based on available resources.</p> <p>c. The work to conduct community outreach and analysis concerning air toxics issues is completed based on UDAQ needs and available resources.</p>
		<p>17. Continuous routine monitoring of formaldehyde through application of nanofiber sensors</p>	<p>a. Compare continuous readings to measurements obtained using DNPH cartridges.</p> <p>b. Characterize ambient formaldehyde levels.</p> <p>c. Assess seasonal and diurnal variability in formaldehyde.</p>
		<p>18. Protect public health and the environment through implementation of the Utah Lead-Based Paint Certification, Accreditation and Work Practices Program.</p>	<p>a. The Utah Lead-Based Paint Grant Work Plan approved by EPA Region VIII will be the environmental measure of success for the Utah Lead-Based Paint Certification, Accreditation and Work Practices Program.</p> <p>b. Support the EPA Strategic Plan goal to ensure that the percentage of children with blood lead levels above 5 µg/dl does not rise above the 1.0 percent target for FFY 2020 and work to make further reductions in blood lead levels through 2020. (Baseline is 2.6 percent of children ages 1-5 had elevated blood lead levels (5 µg/dl or greater) in the 2007-2010 sampling period according to the Centers for Disease Control and Prevention's (CDC's) National Health and Nutritional Evaluation Survey (NHANES).</p> <p>c. Support EPA's prior Strategic Plan goal to reduce the percent difference in the geometric mean blood lead level in low-income children 1-5 years old as compared to the geometric mean for non-low income children 1-5 years old to 10.0 percent. (Baseline is 28.4 percent difference in the geometric mean blood</p>

## UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY

			lead level in low-income children ages 1-5 years old as compared to the geometric mean for non-low income children 1-5 years old in 2007-2010 sampling period according to CDC's NHANES.)
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### ***EPA's Portion of the PPA***

1. EPA Region VIII will work with other affected EPA offices when appropriate to consider various approaches to addressing specific issues that impact Utah.
2. EPA Region VIII will participate in UDAQ Board Meetings when specific issues regarding the partnership between EPA Region VIII and UDAQ are part of the agenda and travel funds permit.

### ***Items Related to UDAQ Planning Branch Activities***

1. EPA Region VIII will work with UDAQ as necessary and appropriate when reviewing SIP submittals and initial designation requests as the NAAQS are revised to clarify issues and communicate actions that may affect Utah.
2. EPA Region VIII will work with EPA HQ when appropriate to help elevate issues to the national level that are uniquely western issues.
3. EPA Region VIII will give timely attention to any intermediate work products that are developed in the SIP process so as to provide UDAQ its feedback during project development rather than at the end.
4. EPA will make every effort to determine completeness and to take final action on regulatory actions submitted by Utah in accordance with statutory time frames considering existing resources.
5. EPA Region VIII and UDAQ will work together to prioritize existing SIP submittals and on identifying upcoming SIP revisions. EPA Region VIII will keep UDAQ informed on the status of actions.
6. Following review of the Federal Annual Air Quality Report, EPA Region VIII and UDAQ will work together to develop appropriate actions addressing each identified NAAQS violation for any criteria pollutant.

### ***Items Related to UDAQ Permitting Branch Activities***

1. EPA will provide review and comments as appropriate for the ITAs within the 30-day public comment period.

## **UDEQ GOALS AND OBJECTIVES DIVISION OF AIR QUALITY**

### ***Items Related to UDAQ Compliance and Enforcement Activities***

EPA Region VIII, Enforcement and Compliance Assurance Division and Utah Division of Air Quality will work to keep each other informed of important and potentially controversial activities involving regulated sources in Utah, including activities involving national and regional initiatives. EPA continues to implement air-related National Compliance Initiatives focusing on reducing emissions of both volatile organic compounds (VOCs) and hazardous air pollutants (HAPs) which adversely impact vulnerable communities or an area's NAAQS attainment status, reducing hazardous air emissions from hazardous waste facilities, stopping aftermarket defeat devices for vehicles and engines, and reducing risks of accidental releases at industrial and chemical facilities.

## UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

### SOURCE PROTECTION

EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure
<p><b>Goal 1:</b> A cleaner, healthier environment</p> <p><b>Objective 1.2:</b> Provide for clean and safe water</p>	<p>National Target = 49% Regional Target = 40%</p>	<p>Report to EPA in the SWAP Performance Accountability Report (PAR) the number of community water systems with source water areas where “minimized risk is achieved by substantial implementation” of source water protection actions, as determined by Utah. To meet or exceed the target measure of 55%.</p>	<p>Percent of community water systems where risk to public health is minimized through source water protection.</p>
	<p>National Target = 59% Regional Target = 40%</p>	<p>Report to EPA the population numbers served by community water systems where “minimized risk is achieved by substantial implementation of source water protection actions, as determined by Utah’s approval of community water systems source protection plans. Numbers may vary from year to year because of the six year review process. To meet or exceed the target measure of 60%.</p>	<p>Percent of population served by community water systems where risk to public health is minimized through source water protection.</p>

## UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

### IMPLEMENTATION AND ENFORCEMENT

EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure
<p><u>Strategic Target SDW-211:</u> Percent of the population served by community water systems (CWS) that receive drinking water that meets all applicable health-based drinking water standards through approaches including effective treatment .</p>	<p>National/-Regional Target = 92%</p>	<p>To meet or exceed the target measure of 92%</p> <p>UDEQ will maintain its data in the national database, SDWIS-Fed. This includes accurate and timely data entry, quality assurance and data validation.</p>	<p>Annual enforcement review reveals improvement in violation timeliness and accuracy.</p> <p>Inventory, violation, and enforcement data are uploaded to SDWIS-Fed within 45 days after the end of each quarter.</p>
<p><u>Strategic Target SDW-SP1.N11:</u> Percent of CWS that meet all applicable health-based standards, through approaches that include effective treatment and source water protection.</p>	<p>National/Regional Target = 90%</p>	<p>To meet or exceed the target measure of 90%</p> <p>UDEQ will maintain its data in the national database, SDWIS-Fed. This includes accurate and timely data entry, quality assurance and data validation.</p>	
<p><u>Strategic Target SDW-SP2:</u> Percent of “person months” (i.e., all persons served by CWS times 12 months) during which CWS provide drinking water that meets all applicable health-based drinking water standards.</p>	<p>National/Regional Target = 95%</p>	<p>To meet or exceed the target measure of 95%</p> <p>UDEQ will maintain its data in the national database, SDWIS-Fed. This includes accurate and timely data entry, quality assurance and data validation.</p>	
<p><u>Strategic Target SDW-01a:</u> Percent of CWS that have undergone a sanitary survey within the past three years (five years for outstanding performers or those groundwater systems approved by UDEQ to provide 4-log treatment of viruses.</p>	<p>National/Regional Target = 75%</p>	<p>To meet or exceed the target measure of 90%.</p> <p>UDEQ will maintain its data in the national database, SDWIS-Fed. This includes accurate and timely data entry, quality assurance and data validation.</p>	

## UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure
<p><b>Goal 3:</b> Greater certainty, compliance, and effectiveness</p> <p><b>Objective 3.1</b> Compliance with the law. (Filter/GUI)</p>	<p>UDEQ provides to EPA by 11/15/19:</p> <p>a) a list of all systems that are required to filter under the SWTR, but are not yet filtering. Additionally, report those violations to SDWIS-Fed. For those still on compliance schedules, provide the schedule from the enforcement document. If any systems are not under compliance schedules, for each system provide a rationale and the proposed state action and time frame for securing an enforceable compliance schedule.</p> <p>b) a description of any additional actions and the time frames for completing assessments of groundwater under the influence of surface water (GUI), and the systems for which such assessments need to be completed.</p>	<p>Maintain an accurate list of unfiltered SW/GUI PWSs and a schedule for compliance of/and of actions, with timeframes, required for completion or initial GUI assessments.</p> <p>Provide a report to EPA by 11/15/19.</p> <p>Upload all failure to filter violations to SDWIS.</p>	<p>Accuracy of list of SW/GUI unfiltered systems.</p> <p>Completion of GUI assessments. Report provided to EPA by 11/15/19.</p> <p>All failure to filter violations uploaded to SDWIS when they occur.</p>
<p><b>Goal 3:</b> Greater certainty, compliance, and effectiveness</p> <p><b>Objective 3.1</b> Compliance with the law. (ETT)</p>	<p>a) UDEQ annotates the quarterly ETT list created by the ERP and returns a complete annotated list to EPA within 30 days of receipt. The annotations include the State actions planned for each identified priority ETT system, the projected time frame for such actions, and other relevant information that helps EPA evaluate candidates for federal enforcement.</p>	<p>Timely annotate the quarterly ETT list for priority systems.</p>	<p>Annotations are complete and timely.</p>

## UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure
	<p>b) UDEQ addresses all priority ETT systems through formal enforcement or appropriate return to compliance within 6 months of their being identified as priorities, with the goal of taking action before systems reach priority status. EPA will take federal enforcement action, as resources allow, if UDEQ does not plan to timely address a priority water system appearing on an ETT list, if UDEQ does not meet its previous commitments to take an enforcement action, or for cases in which PWSs would have been a priority ETT's system if all violations had been uploaded to SDWIS-Fed.</p> <p>c) EPA encourages UDEQ to update its enforcement escalation policies to ensure that all violations receive a state response, and that enforcement priorities are addressed in a timely and appropriate manner.</p>	<p>Timely address all priority ETT systems.</p> <p>UDEQ utilizes its IPS system to assist with addressing violations and determining appropriate formal enforcement. R8 enforcement contact attends the State's quarterly call to discuss enforcement cases.</p>	<p>Priority ETT systems addressed within 6 months of identification.</p>
<p><b>Goal 3:</b> Greater certainty, compliance, and effectiveness</p> <p><b>Objective 3.1</b> Compliance with the law. (SDWIS-Fed)</p>	<p>UDEQ will upload inventory information and all violations, enforcement actions, and applicable return to compliance codes into SDWIS-Fed quarterly.</p>	<p>SDWIS-Fed database is accurate and current.</p>	
<p><b>Goal 3:</b> Greater certainty, compliance, and effectiveness</p> <p><b>Objective 3.1</b> Compliance with the law. (Oversight)</p>	<p>UDEQ tracks the compliance of systems that are under UDEQ enforcement and escalates enforcement when a PWS violates an existing formal enforcement action.</p> <p>UDEQ will include all violations in Bilateral Compliance Agreements and</p>	<p>Track compliance of system under UDEQ formal enforcement and take action if a PWS violates its terms.</p> <p>Include all violations in formal enforcement actions.</p>	<p>EPA's review of enforcement actions reveal that all violations are contained in UDEQ formal</p>

## UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure
	<p>other formal enforcement actions.</p> <p>UDEQ will ensure that timely violation letters are sent to PWSs for each violation incurred.</p>	<p>Timely issue violation letters to PWSs for each violation incurred.</p>	<p>enforcement actions.</p> <p>File reviews by the EPA or its contractor detect few late or absent violation letters.</p>
	<p>UDEQ continues to provide access to State PWS files &amp; data for EPA's on-site enforcement review.</p>	<p>Allow EPA access to UDEQ PWS files and data.</p> <p>Eqedocs.utah.gov for PWS files.</p> <p>Waterlink.utah.gov for database records and view.</p>	<p>Continue to provide data access to EPA for review.</p>
	<p>UDEQ agrees that EPA will use the Uniform Enforcement Oversight System (UEOS) for evaluating the State's enforcement performance.</p>	<p>UEOS evaluation by EPA accepted.</p>	<p>Continue to provide EPA with data necessary to complete the UEOS.</p>
<p><b>Goal 3:</b> Greater certainty, compliance, and effectiveness</p> <p><b>Objective 3.1</b> Compliance with the law. (New rules)</p>	<p>New regulations and implementation / enforcement policies.</p>	<p>If there are violations of any rule that UDEQ does not have primacy for UDEQ will share information regarding these violations with EPA.</p>	<p>UDEQ and EPA will work closely on communicating capabilities related to the new implementation /enforcement policies related to rule implementation. .</p>

## UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

### Core Activities FY2020

<b>Category</b>	<b>Activity</b>	<b>Responsibility</b>
<i>Philosophy, Culture</i>	Customer Service orientation	All
	Implement DEQ & DDW Operating Principles	All
	Actively seek customer feedback	All
	Maintain good communication with partners and customers	All
	Effective Intersection communication	All
	Effective Interdivision communication	All
	Division Director will collaborate with DW Board in support of joint goals	Division Director
	Division will actively protect public health through water system compliance	All
	Employee job ownership/job empowerment	All
	<i>Staff</i>	Ensure staff are technically trained to accomplish mission
Reward and recognize employees for excellent work		All
Managers have an open door policy (and keep staff issues and conversations private)		Managers
All staff will refer customer questions to the <b>right</b> person (the Division's experts)		All
Ensure cross-training and back-up capability where appropriate		All
<i>IT, Gov e-Business</i>		Review and ensure accuracy of information on Division Website
	Maintain CMDP	Rules
	SDWIS data reporting	Rules
	Automate water treatment plant report transmission	Rules
	Implement geographic information system (GIS) applications, including support for outside partners and other DEQ Divisions	Permitting
	Maintain and enhance the divisions databases: SDWIS/Waterlink/CASPER	Rules/All
	Continue to implement the Department electronic document management system	Admin. Serv./All
	Add and maintain current and accurate data in all of the Divisions databases and all of the contact information including e-mail addresses.	All
	Maintain "Potential construction projects" list on Division webpage	Technical Assistance
	Participate on EPA's SDWIS PRIME project	Director & Rules

## UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

<b>Category</b>	<b>Activity</b>	<b>Responsibility</b>
<i>Assistance and Training</i>		
	Staff assistance to Drinking Water Board	Division Director/All
	Technical assistance to water operators	All
	General partnering (targeted training, cooperation, follow-up and training)	All
	Educate locally elected officials and their staff	All
	Provide technical assistance on Drinking Water quality problems	All
	Perform Capacity development functions	Technical Assistance
	Provide support for the Permanent Community Impact Board	Technical Assistance Permitting
	Perform technical assistance to water treatment plants	Treatment Specialist/All
	Perform support to local water treatment alliances	Treatment Specialist / All
	Support water planning activities in cooperation with other agencies and local government and technical assistance partners, regarding source protection and system viability	All
	Ensure Drinking Water Board members have sufficient training to make policy decisions	Managers
<i>Field Work</i>		
	Provide training on physical facility capacity and its issues for consultants, district engineers, and others	Technical Assistance / Permitting
	Perform Sanitary Surveys. Respond to water system	All
	Sanitary survey scheduling with consideration for expertise rotation and geographic grouping	SS Coordinator
	Water treatment plant inspections	SS Coordinator/Specialized staff
	Construction inspections	Technical Assistance / Permitting
	Develop and obtain additional useful spatial data	All
	Special studies on water treatment technologies	Permitting/Treatment Specialist
	Geologic evaluation of sources	Permitting
	Work on improving communication with ICS members	Technical Assistance
<i>Regulatory</i>	Emergency Response / System Security / Project Funding	Technical Assistance
	Document to EPA the bin classifications for all pertinent systems following the second round monitoring for each filtered system, as described in 40 CFR 141.710. No later than 8 months after their sampling.	Rules
	Assist water systems with developing and maintaining Cross Connection Control Programs	Technical Assistance
	Write, Implement and revise rules as needed	All
	During the FY19/20 the DDW will commit to support the EPA in implementation of UCMR. The State will report requested data in an accurate and timely matter in	Rules

## UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

Category	Activity	Responsibility
	collaboration with the EPA and pertinent databases. EPA will work closely with the State to meet these goals.	
	Coordinate the state rule promulgation process	Rule Adoption Coordinator
	Plan review and operating permits	Permitting
	Enforcement & compliance by each section on its rules	All
	Enforcement (AOs, BCAs, AG Referrals, Administrative hearings, Administrative Penalties, etc.)	Rules/ All
	Properly follow-up on assignments made at the Division's quarterly CAP meetings	Rules/All
	Work Collaboratively with the EPA to complete an Annual Review report by April 1 <sup>st</sup> of each year	Rules
	Unified Enforcement Oversight System	Rules
	EPA quarterly reporting	Rules
	Improvement Priority System	Rules /All
	Implement appropriate prevention strategies for systems appearing on EPA's ETT List. Document in the Division's enforcement actions in SDWIS.	Rules /All
	Work closely with the EPA to reach a 25% reduction in Health Based violations by 2022.	All
	Public Notice	Rules
	Consumer Confidence Reports	Rules
	Report, every three years, on capacity development assistance given to significant non-complying water systems	Technical Assistance
	Quarterly ETT list annotated and back to EPA within 30 days	Rules
	Copy of EPA with enforcement action	Rules
	Monitoring and MCL Compliance tracking and reporting	Rules
	Grout Witnesses	Technical Assistance /Permitting
	Surface Water Treatment Rule tracking and reporting (GWUDISW/FA)	Rules / Permitting
	Source Protection program	Permitting
	Capacity Development review for new systems	Technical Assistance
	Submit Annual Capacity Development Program Report to EPA by September 30 of each year	Technical Assistance
	Submit a copy of the triennial Governor's Report to EPA by September 30 every third year	Permitting
	Assure that sampling and reporting is being done in a professional, timely and truthful manner	Rules
	When EPA proposes a rule, we will study the impact, prepare appropriate	

## UDEQ GOALS AND OBJECTIVES DIVISION OF DRINKING WATER

<b>Category</b>	<b>Activity</b>	<b>Responsibility</b>
	comments, and encourage the affected PWSs to comment. Finalize each rule by developing an appropriate State Rule, and implement.	All
<i>Certification</i>		
	Backflow Technician Certification	Technical Assistance
	Submit annual Operator Certification program reports to EPA by September 30 of each year	Technical Assistance
<i>Financial Assistance</i>		
	Financial Assistance program	Technical Assistance
	Capacity assessments for financial assistance	Technical Assistance
	System Needs survey every 4 year	Technical Assistance
	Capture systems with significant physical deficiencies and water quality issues in the IPS/PP	Technical Assistance /Rules
<i>Miscellaneous</i>		
	CMDP Lab contact	Rules
	Laboratory Certification Coordination	Rules / Division Director
	Coordination of the network of state certified laboratories	Rules / Division Director
	Support Services (purchasing, contracting, grants, travel, budget preparation budget/expenditure tracking, and financial reporting, cash receipts, fee schedule).	Admin Services
	Respond to GRAMA requests.	Admin Services
	Actively seek financial assistance to enable the Division to pursue its mission	Division Director
<i>Succession/ Planning</i>		
	Keep policies and procedures up to date in E-docs	Managers
	Promote staff back up for all Division functions	Managers
	Consider mentoring options for retiring managers/staff	Managers

**UDEQ GOALS AND OBJECTIVES**  
**DIVISION OF ENVIRONMENTAL RESPONSE AND REMEDIATION**  
**State Superfund Program**

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure	
<p>Goal 3: Core Mission: Deliver real results to provide Americans with clean air, land, and water, and ensure chemical safety.</p> <p>Objective 1.3: Revitalize Land and Prevent Contamination</p>	Clean up Contaminated Land	<p>I. Maintain a partnership between Utah and EPA while implementing the Superfund program in Utah.</p>	<p>a. Participate in the Region 8 State Superfund managers conferences, when conducted.</p> <p>b. Encourage and participate in regular coordination meetings with Region 8 program managers, at least every 2 months, to coordinate activities and discuss pertinent issues.</p> <p>c. Participate in conference calls between directors of the State and EPA programs, as needed, to coordinate activities and discuss pertinent issues.</p> <p>d. Jointly organize and attend program retreats between EPA and the State, when conducted.</p>	
		<p>II. Continue to discover and assess contaminated sites in Utah and discuss potential solutions to the problems that are identified.</p>	<p>a. Continue to gather information on known groundwater solvent contamination problems in the Salt Lake Valley and other areas in Utah and update site files as needed.</p> <p>b. Continue discovery efforts for listing new sites on SEMS with a focus on the Ogden City area during FY2019.</p> <p>c. Determine the best ways to address the problems that are identified.</p>	
		<p>III. Apply the UDEQ Mission, Vision and Values in all work activities.</p>	<p>a. Discuss the application of the Mission, Vision and Values in coordination meetings, as needed.</p> <p>b. Ensure that communications are consistent with the Mission, Vision and Values.</p>	
		<p>IV. Coordinate proposal of Utah sites to the NPL.</p>	<p>a. Ensure thorough and comprehensive communication between the agencies for all sites that are under consideration for inclusion on the NPL.</p> <p>b. Evaluate potential NPL sites during coordination meetings.</p>	
		Assess and Cleanup Brownfields; Clean up Contaminated Land	<p>V. Encourage redevelopment of Superfund and Brownfields sites in Utah.</p>	<p>a. Implement the EPA-approved State Response Program Work Plan Key tasks in the work plan include encouraging communities in Utah to participate in the Brownfields program; conducting,</p>

**UDEQ GOALS AND OBJECTIVES**  
**DIVISION OF ENVIRONMENTAL RESPONSE AND REMEDIATION**  
**State Superfund Program**

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure
			<p>or assisting EPA in conducting, Targeted Brownfields Assessments as requested by interested and eligible communities; issuing letters of support to communities applying for Assessment, Revolving Loan Fund, Cleanup or other EPA Grants; providing technical assistance to public and private stakeholders relative to Brownfields redevelopment; and maintaining a complete public record of Brownfields/VCP sites with easy access to information.</p> <p>b. Participate in quarterly Region 8 Brownfields Team teleconferences and meetings and attend the National and Western Regional Brownfields Conferences (when conducted and as budgets allow) to gather current Brownfields information.</p> <p>c. Issue Certificates of Completion under the VCP.</p> <p>d. Issue Enforceable Written Assurances to qualified applicants.</p> <p>e. Coordinate with EPA on Ready for Reuse Determinations for Superfund sites.</p>
	Cleanup Contaminated Land	VI. Enhance the Utah Superfund Program, improve the State's and EPA's ability to conduct Superfund activities in Utah, and complete the EPA required accomplishments for FY2019.	<p>a. Prepare and submit funding applications and cooperative agreements for enhancement of the State Response Program.</p> <p>b. Continue to develop and enhance the Utah Voluntary Cleanup Program and other State Response Programs.</p> <p>c. Jointly develop and work to achieve the FY2019 planned Superfund remedial accomplishments.</p>

## GOALS AND OBJECTIVES DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

### I. ENVIRONMENT

Mission- Protect human health and the environment by promoting pollution prevention (P2) and ensuring safe waste management through the proper handling, transportation, recycling, treatment, storage and disposal of solid and hazardous wastes, used oil, and waste tires.

EPA Strategic Goal and Objective		EPA Strategic Measurement	UDEQ Goal	UDEQ Measure
GOAL 1: A Cleaner, Healthier Environment.	Objective 1.3: Revitalize Land and Prevent Contamination. Provide better leadership and management to properly clean up contaminated sites to revitalize and return the land back to communities.	LTPG 1.3.3 By September 30, 2022, make 536 additional Resource Conservation and Recovery Act (RCRA) corrective action facilities RAU.	Maintain an Effective Corrective Action Program	a. Maintain effective hazardous waste corrective action program, including stabilization of environmental releases and cleanup of contaminated waste sites.
				b. Maintain and update, as necessary, facility-specific corrective action information (universe identification and status) for hazardous waste facilities subject to corrective action, including site assessment, stabilization (accounting for health and environmental risk control measures), and regular corrective action process activities through staff interaction, correspondence and/or automated data systems (RCRAInfo). For RCRAInfo, all required data elements will be entered by the 20th of the month following the activity.
				c. Provide appropriate hazardous waste corrective action response as dictated by case-by-case specifics, regulatory/statutory requirements, permit conditions, or program priorities. Emphasis is on high priority facilities. Appropriate measures may include initial assessment of all TSDs in the corrective action universe including assessment completed (CA050), determination of the need for an RFI (CA070), and CA universe ranking (CA075)), RFI imposed (CA100), RFI approved (CA200), remedy selection (CA400), CMI construction completed (CA550), and corrective action process completed (CA900) or (CA999/RE).

**GOALS AND OBJECTIVES  
DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL**

EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure
			<p>d. Provide appropriate stabilization response as dictated by case-by-case specifics, regulatory/statutory requirements, permit conditions, or program priorities. Emphasis is on high priority facilities. Appropriate measures may include stabilization measures evaluation (CA225), stabilization imposed (CA600), stabilization construction completed (CA650), and</p> <p>e. In coordination with EPA Region 8, continue to evaluate annually and amend, as necessary, the facility-by-facility multi-year plan for corrective action activities.</p> <p>f. Incorporate, as appropriate, environmental justice information in the administration of the hazardous waste program.</p> <p>g. EPA has identified Financial Assurance through the National Program Management Guidance as a priority for FY 2020. Coordinate with the Region on financial assurance as appropriate. Should the Region or Headquarters identify a RCRA entity operating in several states with financial assurance compliance issues, EPA reserves the</p>

## GOALS AND OBJECTIVES

### DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure
			right to pursue compliance or enforcement activities with the identified operator in accordance with the Utah/EPA Enforcement Agreement.
GOAL 2: More Effective Partnerships.	Objective 2.1: Enhance Shared Accountability. Improve environmental protection through shared governance and enhanced collaboration with state, tribal, local, and federal partners using the full range of compliance assurance tools.	LTPG 2.1.2 By September 30, 2022, increase the use of alternative shared governance approaches to address state, tribal, and local community reviews.	<p>Compliance Assurance – Increase the availability of training for generators of hazardous waste. Provide the regulated community with compliance assistance.</p> <ul style="list-style-type: none"> <li>a. Conduct yearly Generator Trainings</li> <li>b. Conduct on-site visits to VSQGs and SQGs to provide updated regulatory information and compliance assistance. Continue implementation of the SQG compliance assistance program in FY 2020.</li> <li>c. Enhance the State/EPA partnership to ensure the management of a quality hazardous waste program.               <ul style="list-style-type: none"> <li>i. Maintain the MOA, the enforcement agreement, quality assurance plan for environmental data collection, and other operating guidance.</li> <li>ii. Jointly plan and prioritize program goals, objectives and activities which address joint priorities. The Division and EPA will work together on PPA development, program activities and priorities, inspection strategies, planning meetings, program reviews, and national assessments of major program elements.</li> <li>iii. Maintain a high level of coordination and cooperation between state and EPA staff to assure successful and effective administration of the program. Coordination includes evaluation of desirable technical support targets for joint efforts and work sharing.</li> </ul> </li> </ul>

**GOALS AND OBJECTIVES  
DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL**

EPA Strategic Goal and Objective		EPA Strategic Measurement	UDEQ Goal	UDEQ Measure
				<ul style="list-style-type: none"> <li>iv. Maintain frequent and open communication on routine matter, changes in program capability, legislation, and resource levels, emergency situations and other key activities as described in the MOA. EPA and the Division will hold regular meetings or conduct conference calls, at least quarterly, to share information, identify and solve problems, and engage in short-term planning efforts.</li> <li>v. Jointly identify state training and technical assistance needs. EPA will make training and technical assistance available to the state and will work towards improving the capability to provide high quality assistance.</li> </ul>
GOAL 3: Greater Certainty, Compliance, and Effectiveness.	Objective 3.4: Streamline and Modernize. Issue permits more quickly and modernize our permitting and reporting systems.	LTPG 3.4.1 By September 30, 2022, reach all permitting-related decisions within six months.	Complete TSDF , Closure, and Post-Closure Permitting actions within a reasonable timeframe	a. Maintain effective hazardous waste permitting and closure/post closure programs.
				b. Maintain accurate information of the hazardous waste universe and status of hazardous waste facilities subject to closure requirements, post-closure permits, and operating permits. Provide the preceding information through automated data systems (RCRAInfo) for all required data elements by the 20th of the month following the activity.

**GOALS AND OBJECTIVES  
DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL**

EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure
			<p>c. Provide appropriate hazardous waste closure/post-closure and permit response as dictated by case-by-case specifics, regulatory/statutory requirements, permit conditions, and program priorities. Appropriate responses may include, but are not limited to; closure plan approvals (RCRAInfo data element CL360), closure verifications (CL380), final post-closure permit determinations/issuances (PC200), and final operating permit determinations (OP200). Permit modifications (PC240) are as equally important as the preceding activities because they generally reflect upgrading or updating permit conditions resulting in operational improvements for permitted TSDFs in managing hazardous waste.</p> <p>d. Ensure permit modifications are tracked.</p> <p>e. EPA has identified Financial Assurance through the National Program Management Guidance as a priority for FY 2020. Coordinate with the Region on financial assurance as appropriate. Should the Region or Headquarters identify a RCRA entity operating in several states with financial assurance compliance issues, EPA reserves the right to pursue compliance or enforcement activities with the identified operator in accordance with the Utah/EPA Enforcement Agreement.</p>
GOAL 3: Greater Certainty, Compliance, and Effectiveness.	Objective 3.1 Compliance with the Law. Timely enforce environmental laws to increase	LTPG 3.1.1 By September 30, 2022, reduce the average time from violation identification to correction.	<p>a. Update hazardous waste inspection universe and develop inspection schedule for FY 2020 by September 30, 2019. The selected universe and schedule will incorporate, as appropriate, state, regional, and national priorities. The selected schedule will also include 20% of the large</p>

**GOALS AND OBJECTIVES  
DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL**

EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure
<p>compliance rates and promote cleanup of contaminated sites through the use of all of EPA's compliance assurance tools, especially enforcement actions to address environmental violations.</p>		<p>ongoing commitment to compliance and environmental protection through on-site inspections and compliance assistance activities.</p>	<p>quantity generator (LQG) universe as determined and agreed to by the Division and EPA using RCRAInfo as of September 1, 2019. The Region will develop its FY2020 Inspection schedule and submit to the Division by October 30, 2019.</p>
			<p>b. Complete targeted inspections by September 30, 2020.</p>
			<p>c. Participate in joint state and federal industry sectors initiatives.</p>
			<p>d. Provide facility specific compliance and enforcement information through the proper and timely entering of program data into automated data systems (RCRAInfo).</p>
			<p>e. Consider economic factors in determining penalties for violations. i. Use maximum flexibility when negotiating consent agreements to include consideration of financial viability of regulated party.</p>
			<p>f. Continue coordination of EPA Region 8's implementation of the CERCLA Offsite Rule (OSR). A regional implementation policy has been established and will serve as the basis for the Region's implementation of the OSR.</p>
			<p>g. Utah will inspect at least 50% of the active treatment, storage and disposal facilities during FY 2020.</p>
<p>GOAL 3: Greater Certainty, Compliance, and</p>	<p>Objective 3.2: Create Consistency</p>	<p>LTPG 3.2.1 By September 30, 2022, meet 100% of legal</p>	<p>a. Meet the deadline for adoption of all mandatory rules during FY 2020.</p>

**GOALS AND OBJECTIVES  
DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL**

<b>EPA Strategic Goal and Objective</b>		<b>EPA Strategic Measurement</b>	<b>UDEQ Goal</b>	<b>UDEQ Measure</b>
Effectiveness.	and Certainty. Outline exactly what is expected of the regulated community to ensure good stewardship and positive environmental outcomes.	deadlines imposed by EPA.		b. Submit to EPA an authorization application during FY 2020.

**GOALS AND OBJECTIVES  
DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL**

<b>FY 2020 Hazardous Waste Program Commitments for Utah</b>		
Event	FY 2020	
	Committed	Achieved
<b>Closure Activities (Unit Level)</b>		
Closure Plan Approval (CL360) for LDUs	0	0
Closure Verification (CL380) for LDUs	0	0
Closure Plan Approval (CL360) for TSUs	0	0
Closure Verification (CL380) for TSUs	0	0
Closure Plan Approval (CL360) for CUs	0	0
Closure Verification (CL380) for CUs	0	0
Closure Plan Approvals Total (LDUs+TSUs+CUs)	0	0
Closure Verifications Total (LDUs+TSUs+CUs)	0	0
<b>Permit Activities at GPRU Universe Facilities (Facility Level)</b>		
Permitted Facilities under Approved Controls	0	0
Permit Renewals due*	2	0
Permit Activities Totals	0	0
<b>Permit Activities for GPRU Universe Facilities (Unit Level)</b>		
Controls in Place for LDUs on Closure Track	0	0
Controls in Place for LDUs on Operating Track	0	0
Controls in Place for TSUs on Operating Track	0	0
Controls in Place for CUs on Operating Track	0	0
<b>Corrective Action Activities at GPRU Universe Facilities (Facility Level)</b>		
RCRA Facility Assessments (CA050)	0	0
Overall Facility NCAPS Ranking (CA075)	0	0
Facility Stabilization Assessment (CA225)	0	0
Facility Remedy Selection (CA400)	0	0
Facility Construction Completion (CA550) (GPRU measure)	0	0
Human Health Exposures Controlled Determination (CA725) (GPRU measure)	0	0
Groundwater Migration Controlled Determination (CA750) (GPRU measure)	0	0
Facility level RAU (CA800)(GPRU measure)		

## GOALS AND OBJECTIVES

### DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

CA Performance Standards Attained/CA Process Terminated (CA900/CA999) (GPRA Measure)	0	0
<b>Corrective Action Activities at GPRA Universe Facilities (Area Level)</b>		
RFI Imposed (CA100) (area level)	0	0
RFI Approved (CA200) (area level)	35	0
Remedy Selection (CA400) (area level)	38	0
Construction Completion (CA550) (area level)	37	0
Corrections completed (CA900CR) (area level)	0	0
Corrective Action Completed (CA999) (area level)	36	0

<b>*Permit Renewals Due this Strategic Period (FY18-FY22)</b>
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Permit Renewals

ATK NIROP Storage and Treatment Permit – Expires September 1, 2019.  
 Hill Air Force Base Expires September 30, 2019

Corrective Action Activities (Area Level)

- RFI Work Plan (CA150) for 9 Group 6 SWMUs (Sumps) at ATK Bacchus.
- RFI Work Plan (CA150) for 3 Group 8 SWMUs (Septic Systems) at ATK Bacchus.
- RFI Work Plan (CA150) for SWMU BP-1 at ATK Bacchus.
- Phase III RFI Work Plan (CA150) for SWMU SL-4 at ATK Bacchus.
- RFI Report Approval (CA200) for 35 SWMUs at ATK Promontory.
- Remedy Selection (CA400) for SWMUs 1 and 25 at Tooele Army Depot – South, Carryover from FY19.
- Remedy Selection (CA400) for 35 SWMUs at ATK Promontory.
- Remedy Selection (CA400) for HWMU 38 at Tooele Army Depot – South.
- CMI Construction Complete (CA550) for 35 SWMUs at ATK Promontory.
- CMI Construction Complete (CA550) for SWMU 26 at Tooele Army Depot – South.
- CMI Construction Complete (CA550) for HWMU 38 at Tooele Army Depot – South.
- Corrective Action Completed (CA999) for 35 SWMUs at ATK Promontory.
- Corrective Action Completed (CA999) for HWMU 38 at Tooele Army Depot – South.

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
<p><b>Goal 1 - A Cleaner, Healthier Environment:</b> Deliver a cleaner, safer, and healthier environment for all Americans and future generations by carrying out the Agency's core mission.</p> <p><b>Objective 1.2 – Provide for Clean and Safe Water:</b> Ensure waters are clean through improved water infrastructure and, in partnership with states and tribes, sustainably manage programs to support drinking water, aquatic ecosystems, and recreational, economic, and subsistence activities.</p> <p><b>Goal 3 - Greater Certainty, Compliance, and Effectiveness:</b> Increase certainty, compliance, and effectiveness by applying the rule of law to achieve more efficient and effective agency operations, service delivery, and regulatory relief.</p> <p><b>Objective 3.2 - Create Consistency and Certainty:</b> Outline exactly what is expected of the regulated community to ensure good stewardship and positive environmental outcomes.</p>	<p><b>DWQ GOAL:</b> Protect, maintain, and enhance the quality of Utah's surface water and ground water to allow appropriate beneficial uses, and protect public health while giving reasonable consideration to economic impacts.</p>	
	<p><b>UPDES Program</b></p> <p>Maintain an acceptable UPDES Program per agreement with EPA. The Utah Department of Environmental Quality (DEQ) shall fully implement and enforce its delegated UPDES program (including, as appropriate, general permitting, pretreatment, biosolids, CAFO, and storm water programs) as required by 40 CFR Parts 122-124, 403, 501 and 503, its delegation MOA July 7, 1987, SEA, Inspection Plan, and any other agreements with EPA regarding program implementation. The PPA may specify goals and objectives for activities beyond the base level of performance, but, in no way, should this be interpreted as relief from full implementation of the base program.</p> <p>DEQ certifies that it has, maintains, and implements an adequate UPDES program including pretreatment, biosolids, CAFO, and storm water in conformance with federal and state laws and regulations and conditions set forth in program authorization (delegation) documents. As long as the DEQ maintains an adequate program, the EPA and the DEQ agree that this Agreement shall remain in effect, except as amended through mutual agreement.</p> <p>Grant dollars awarded by the EPA may be used by the DWQ UPDES Program to perform core program activities to adequately maintain its UPDES program, even when these activities are not specifically defined by goals, measures, and/or reporting requirements.</p> <p>Continue to fully implement the ongoing UPDES pretreatment, biosolids, CAFO, and stormwater management programs as per the following "CORE PROGRAM ACTIVITIES", "COMPLIANCE AND ENFORCEMENT ACTIVITIES" and "PERMIT ACTIVITIES".</p>	
	<p>1. Individual Permits</p>	<p>DWQ will report annually the number and percent of facilities that have a discharge requiring an individual permit that:</p> <ul style="list-style-type: none"> <li>a. are covered by a current UPDES permit</li> <li>b. have expired individual permits</li> <li>c. have applied for, but have not yet been issued an individual permit</li> </ul>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		d. have individual permits under administrative or judicial appeal
	2. Priority Permits	a. Utah will continue to emphasize the development of permits which appear on the EPA Priority Permits list, specifically targeting the permit issuance commitments for the current fiscal year. b. Each year, 95% of priority permits and 90% of all permits are issued or reissued within the five year statutory timeframe. If the number of backlogged permits is greater than 30% at any time, provide an overall permit issuance/backlog reduction plan showing how the State will expeditiously reduce the backlog to 10% upon request from EPA.
	3. Whole Effluent Toxicity (WET)	a. Assure proper implementation of WET requirements in UPDES permits.
	4. Reasonable Potential Process	a. Utah will continue to implement the process/procedures for RP consistent with 40 CFR 122.44(d).
	5. Stormwater	a. Involve regulatory agencies and the public as necessary to effectively permit storm water discharges. The State program is accessible by the public and regulated entities (i.e., contact information and web sites, etc.). b. Include EPA in the review process prior to issuing general permits for storm water discharges. c. Upon request from EPA, provide a list of storm water sources associated with industrial activity, construction sites over one acre, and a list of designated storm water sources (including Municipal Phase I and Phase II)

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>that are covered by a current individual or general UPDES permit or other enforceable mechanism.</p> <p>d. Continue outreach/education activities for the Phase II Storm Water Program.</p>
	6. Pretreatment	<p>a. Provide EPA with the number and percent of local Pretreatment programs that have implemented Pretreatment Streamlining Regulations annually.</p> <p>b. Provide the number of categorical industrial users (CIUs) in non-approved pretreatment programs annually.</p> <p>c. Provide the number of CIUs in non-approved pretreatment programs permitted by the State annually. Identify in ICIS the following Pretreatment Program statistics:</p> <ul style="list-style-type: none"> <li>i. The number of significant industrial users (SIUs) that discharge to POTWs with approved Pretreatment Programs;</li> <li>ii. The number of significant industrial users (SIUs) that discharge to POTWs with approved Pretreatment Programs that have adequate control mechanisms implementing applicable pretreatment standards and requirements (95% coverage is the Regional commitment);</li> <li>iii. The number of categorical industrial users (CIUs) that have adequate control mechanisms implementing applicable pretreatment standards and requirements in approved pretreatment programs.</li> </ul>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
	7. Sewage Sludge (Biosolids)	<p>Promote the beneficial use of biosolids and implement biosolids regulations.</p> <ul style="list-style-type: none"> <li>a. Provide the number of UPDES permits that contain biosolids language annually.</li> <li>b. Provide the total number of Biosolids permits.</li> <li>c. Maintain data in the ICIS database.</li> <li>d. Reissue all biosolids permits which will expire in FY2020 and transition into consolidated permits as needed.</li> <li>e. Submit an End-of-Year report to EPA for the preceding calendar year containing a summary of DWQs actions under their biosolids program. Also include a list of facilities that beneficially reuse biosolids, methods of reuse and the tons reused.</li> </ul>
	8. Concentrated Animal Feeding Operations (CAFOs) (ongoing )	<ul style="list-style-type: none"> <li>a. Continue to implement "Utah's Strategy To Address Pollution From Animal Feeding Operations." <ul style="list-style-type: none"> <li>i. For all permitted CAFOs, if available, enter permit facility data, and permit event data into ICIS.</li> <li>ii. Inform EPA of animal feeding operations that are impacting water quality annually.</li> <li>iii. Conduct and/or participate in meetings of the AFO/CAFO committee and maintain critical partnerships with NRCS, UACD, the Farm Bureau and the agricultural community.</li> <li>iv. EPA will provide CAFO rule development updates, to keep DWQ informed.</li> </ul> </li> <li>b. Maintain an inventory of all permitted CAFOs during FY20. Provide the inventory to the</li> </ul>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		EPA upon request. c. Continue to implement the EPA 2012 CAFO rules in Utah within FY 2020. d. After rule revision and issuance of the next CAFO permit, Nutrient Management Plans for permitted CAFOs once approved, shall be tracked in ICIS.
	9. Utah Sewer Management Program (USMP)	Continue to implement a comprehensive state-wide permit program for the planning, operation and maintenance of all public wastewater sewer collection systems.
<b>Objective 3.4-</b> Streamline and Modernize: Issue permits more quickly and modernize our permitting and reporting systems.	<b>UPDES ICIS Data</b>	
	1. ICIS Data Management	Ensure maintenance of information management systems sufficient to plan, track, assess, and make adjustments to program activities. a. Properly enter data into the ICIS data system such that the federally required data fields are current. b. Provide to the maximum extent practicable the RIDE elements required. This depends on information that is obtainable with the permittee's cooperation and economic restraints. c. Provide to the maximum extent practicable the data elements, in accordance with 40 CFR Part 127, Appendix A, Table 2. d. ICIS data is entered accurately which includes permitting, compliance, and enforcement data. e. Continue to report non-major facilities compliance data the same as majors through the ICIS data management system. f. Track all inspections in ICIS. g. Enter additional ICIS data, as listed in other parts of this document

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
<p><b>Objective 1.2</b> – Provide for Clean and Safe Water: Ensure waters are clean through improved water infrastructure and, in partnership with states and tribes, sustainably manage programs to support drinking water, aquatic ecosystems, and recreational, economic, and subsistence activities.</p>	<p><b>UPDES Compliance Evaluations &amp; Inspections</b></p>	
	<p>1. Implement the Clean Water Act Action Plan</p>	<p>a. DWQ and EPA will work together to implement the Clean Water Act Action Plan to identify water quality issues of greatest concern for the State, and develop collaborative annual work plans to leverage both DWQ and EPA resources to address these issues. This will be accomplished through the Annual State/EPA UPDES Compliance Inspection Plan as approved for each fiscal year.</p>
	<p>2. Annual State / EPA UPDES Compliance Inspection Plan</p>	<p>a. Coordinate inspection activities among programs and between the State and USEPA. Incorporate targeted USEPA national and regional priorities, as agreed upon between DWQ and USEPA. Consider planning inspections to complement timing and focus on watershed efforts. Inspections will be conducted in accordance with the mutually agreed to Annual State / EPA UPDES Compliance Inspection Plan (Inspection Plan), to the extent possible, incorporate the EPA NPDES Compliance and Monitoring Strategy - July 21, 2014.</p> <p>b. The Inspection Plan will include the universe of facilities subject to each CMS metric and number of compliance monitoring activities planned for the year.</p> <p>c. If the Inspection Plan commitments do not meet the inspection goals listed in the EPA NPDES Compliance and Monitoring Strategy, the Inspection Plan will include adequate detail for EPA to understand:</p> <ul style="list-style-type: none"> <li>i. The overall approach proposed, including the rationale for any</li> </ul>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>deviations and tradeoffs;</p> <p>ii. A description of the affected regulated universe(s); and An explanation of how DWQ has determined that the resulting reduced/modified attention at certain facilities will not have negative public health or environmental impacts. In addition, the Inspection Plan should include the details always expected in a CMS plan (e.g., universe of facilities subject to each CMS metric and number of compliance monitoring activities planned for the year).</p> <p>d. DWQ will submit a draft Inspection Plan for FY2020 to EPA by August 1, 2019. DWQ will review and submit the final Inspection Plan to EPA by September 15, 2019 or within 15 of days of receiving EPA's formal comments on the draft Inspection Plan if EPA comments are received later than August 31, 2019.</p> <p>e. EPA may determine the number of inspections conducted at end of year (September 30, 2019) by DWQ in each category above by requesting this information from DWQ. DWQ will provide a list of inspections performed for each category as indicated in the Inspection Plan in the form of ICIS reports, Excel spreadsheets, or any other format agreeable to DWQ and EPA; DWQ will enter all inspections into ICIS within 40 days of the completed activity, in accordance with 40 CFR Part 127, Appendix A, Table 1. Any inspections performed on or before September 30, 2020, but which do not appear in ICIS by November 10, 2020, will not be counted in the end of year numbers.</p>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures
	<ul style="list-style-type: none"> <li>f. EPA Region 8 may conduct up to 6 oversight inspections with DWQ in FY2020. Additional inspections EPA Region 8 may conduct are included in the agreed to the Inspection Plan. This includes inspections within EPA national and regional enforcement initiatives.</li> <li>g. Region 8 will ask DWQ to conduct single and/or multimedia inspections at federal facility NPDES majors with recurrent effluent violations. Region 8 will conduct these inspections if DWQ does not plan to conduct the inspections. Region 8 will ask authorized states to work with EPA to target federal facilities for multimedia inspections. DWQ will be asked to lead the NPDES portion of a multimedia inspection at the selected federal facility. If DWQ does not want to conduct the inspection, EPA will conduct the inspection in lieu of the State.</li> <li>h. During FY2020, EPA Region 8 may perform inspections at all Federal Facility construction sites that have been awarded contract dollars for site construction, in cooperation with DWQ inspectors.</li> <li>i. In the FY 2018-2022 EPA Strategic Plan, the EPA identified a new priority to increase compliance with environmental laws. The Reducing Significant Noncompliance with National Pollutant Discharge Elimination System Permits National Compliance Initiative supports this priority. The EPA's goal is to increase compliance rates by reducing the rate of significant noncompliance (SNC) in the NPDES program by 50% by the end of FY 2022. In coordination with the State, EPA Region 8 may conduct up to 10 compliance evaluations of facilities in SNC annually and</li> </ul>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		conduct any follow-up addressing action to gain compliance and deter future SNC. Additional compliance evaluations may be agreed to on a case-by-case basis.
	3. Storm Water	<ul style="list-style-type: none"> <li>a. Continue implementation of MS4 permits which will ensure adequate sediment control inspections at local construction sites. This should increase the number of overall storm water inspections performed in the state.</li> <li>b. Encourage DWQ staff, District Engineers and municipal and county staff to assist with inspections as allowed by time and resource constraints.</li> </ul>
<p><b>Objective 1.2 – Provide for Clean and Safe Water:</b> Ensure waters are clean through improved water infrastructure and, in partnership with states and tribes, sustainably manage programs to support drinking water, aquatic ecosystems, and recreational, economic, and subsistence activities.</p>	<b>UPDES Enforcement</b>	
	1. QNCR and ANCR	<ul style="list-style-type: none"> <li>a. During quarterly conference calls between EPA and DWQ, enforcement discussions will include the Quarterly Noncompliance Report for major facilities, Annual Noncompliance Report for minor facilities, and current and projected enforcement cases to address concerns early in the process.</li> </ul>
	2. DWQ Enforcement	<ul style="list-style-type: none"> <li>a. EPA will identify and provide copies, if possible, of any policy or guidance documents used when evaluating the appropriateness of DWQ's enforcement actions. DWQ agrees to evaluate all violations and determine an appropriate response and take that action.</li> <li>b. DWQ will take timely and appropriate enforcement against facilities in Significant Non-compliance.</li> <li>c. DWQ will incorporate approved compliance schedules and deadlines into enforcement</li> </ul>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>actions such that these schedules and deadlines are enforceable under the NOV/Order.</p> <ul style="list-style-type: none"> <li>d. As State resources allow, DWQ will work with EPA Region 8 to implement the National Wet Weather SNC Policy.</li> <li>e. Utah may submit an updated draft Enforcement Management System. EPA Region 8 will provide timely comments within 45 days of any submittal.</li> <li>f. DWQ will submit to EPA appropriate enforcement documents (NOVs/Orders, settlement agreements, etc.) upon request.</li> <li>g. A list of all completed enforcement actions including the name of the facility, type of action, penalty amount (if any), and type of facility shall be provided to the EPA with the EOY Report. The EPA may conduct a penalty review of a select number of actions, not to exceed ten. Upon request, DWQ will provide penalty calculations and all necessary background documentation to EPA for the selected enforcement actions, which will mainly focus in priority areas (e.g. cases in priority areas; MS4s, CAFOs, SSOs, and energy extraction). The EPA will provide written comments on any reviewed settlement documents and penalty calculations as part of the EOY Review.</li> </ul>
	3. Whole Effluent Toxicity (WET)	<p>Assure proper and consistent enforcement of WET requirements in UPDES permits.</p> <ul style="list-style-type: none"> <li>a. Enforce UPDES permit WET limits and compliance schedule violations in accordance with the enforcement guidance contained in its February, 2018 "Permit and Enforcement Guidance Document for Whole Effluent</li> </ul>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>Toxicity,” and any subsequent revisions.</p> <p>b. DWQ will submit as part of their FY2019 EOY report: a list of the facilities which are required to have WET limits or WET monitoring, a list of facilities that have entered into a TIE/TRE during FY2020, and a list of any formal enforcement actions which included WET violations.</p>
<p><b>Objective 1.2</b> – Provide for Clean and Safe Water: Ensure waters are clean through improved water infrastructure and, in partnership with states and tribes, sustainably manage programs to support drinking water, aquatic ecosystems, and recreational, economic, and subsistence activities.</p>	<p>4. EPA Enforcement</p>	<p>a. DWQ understands that EPA Region 8 will continue to participate in and to initiate regional and national enforcement cases. In cooperation with DWQ, EPA Region 8 may perform inspections in regional and national priority areas according to national guidance. EPA may conduct inspections and issue enforcement actions as appropriate and will promptly advise, consult with, and coordinate with DWQ prior to such activity.</p> <p>b. Region 8 agrees to coordinate with and appropriately notify DWQ when it conducts any inspections and investigations.</p>
	<p>5. 404 Enforcement Actions</p>	<p>a. EPA Region 8 will take the lead on 404 enforcement actions that have associated 402 violations, except where EPA determines combined cases may not be in the best interest of litigation.</p>
	<p><b>TMDL Watershed</b></p>	
	<p>1. Accomplish an effective program for completion and implementation of TMDLs.</p> <p>Participate in calls and meetings with EPA to refine and update (as necessary) the Program Vision</p>	<p>a. Identify extent of priority areas that are addressed by EPA-approved TMDLs or alternative restoration approaches for impaired waters that will achieve water quality standards. These areas may also include protection approaches for unimpaired waters to maintain water quality standards. Our</p>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
	<p>prioritization strategy, efforts to address the other 303(d) Vision goals, and progress in developing FY20 TMDLs and TMDL alternatives.</p>	<p>commitment for FY 2020 is submission of the Fremont River TMDL for <i>E. coli</i> and Provo River-4 (Spring Creek) TMDL for <i>E. coli</i>.</p> <p>b. Identify the State-wide extent of activities leading to completed TMDLs or alternative restoration approaches for impaired waters, or protection approaches for unimpaired waters. This is an indicator measure and does not require annual commitments.</p>
	<p>2. Implement a prioritization strategy under the 303(d) Vision.</p>	<p>a. Identify a list of priority waters slated for near term (~2 year) TMDL development or alternative approaches;</p> <p>b. Update as necessary a list of priority waters scheduled for likely TMDL development or alternative or approaches over the 2016 – 2022 period;</p> <p>c. Update as necessary a list of priority waters awaiting management to protect their current condition from degradation during 2016 – 2022 (optional); and</p> <p>d. The strategic rationale of the State in setting these priorities.</p>
	<p>3. Monitor implementation activities for completed TMDLs on a watershed basis through submission of annual reports by local watershed coordinators on August 31 of each year.</p> <p>4. Maintain sound fiscal management of contracts by tracking contract amount, expenditures to date and availability of funds to meet contractual obligations via quarterly reports.</p> <p>5. Implement the Watershed Approach to effectively and efficiently support the development and implementation of TMDLs in Utah for impaired waters according to the approved 303(d) list.</p>	
	<p>6. Continue to implement the Nonpoint Source Program based on strong State and local institutional capabilities using the Watershed Approach in support of TMDL development.</p>	<p>a. Conduct a comprehensive NPS program review preceding the update of the NPS Management Plan every five years beginning 2018.</p> <p>b. Update GRTS annually by entering annual progress report information according to December 31<sup>st</sup> deadlines.</p> <p>c. Submit NPS Annual Report by January 31 of</p>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures
	<p>each year.</p> <ul style="list-style-type: none"> <li>d. Foster program integration and interagency technical and financial assistance through participation on statewide partnership committees including: The Water Quality Task Force, the State Technical Advisory Committee, and the Utah Conservation Commission.</li> <li>e. Obtain 319 project final reports from project sponsors and coordinate with EPA to obtain concurrence for grant closure in a 5 year time frame.</li> <li>f. Implement best management practices appropriately and effectively and achieve natural resource improvements for 319 NPS Watershed Projects. Obtain available information of reductions in nonpoint source loadings for sediments, nitrogen and phosphorus, and improvements in water quality. Report load reduction and water quality information in project annual reports (GRTS), project final reports and NPS Program annual report.</li> <li>g. Report the number of waterbodies identified (in 2000 or subsequent years) as being primarily nonpoint source (NPS)-impaired that are partially or fully restored. Target for FY-2020 is 1 watershed.</li> <li>h. Report the number of priority NPS watershed areas where USDA EQIP funds are used to implement conservation projects. Report allocation of EQIP funds to 303(d) waters and approved TMDL watersheds.</li> <li>i. Report the number of priority watershed coordinator positions developed and functioning according to DWQ contract work plans.</li> </ul>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
<b>GROUND WATER PROTECTION</b>		
<p>The Utah Department of Environmental Quality, Division of Water Quality (Utah DWQ) certifies that it maintains and implements an adequate Underground Injection Control (UIC) Program under Section 1422 of the Safe Drinking Water Act (1422 UIC Program) in conformance with federal and state laws, regulations, and conditions set forth in program authorization (delegation) documents. As long as the Utah DWQ maintains a 1422 UIC Program, the Regional Administrator of the United States Environmental Protection Agency (USEPA) Region 8 and the Director of the Utah DWQ agree this Agreement shall remain in effect, except as amended through mutual agreement. Grant dollars awarded by the USEPA may be used by the Utah DWQ to perform core program activities (40 CFR Parts 144 and 147) to adequately maintain its 1422 UIC Program, even when these activities are not specifically defined by goals, measures, and/or reporting requirements. The Utah DWQ agrees to conduct core program activities as described in and as evidenced by the submittal of the UIC Program narrative included in the EOY Report.</p> <p>The USEPA agrees to provide the following support to the Utah 1422 UIC Program:</p> <ol style="list-style-type: none"> <li>a. One annual midyear review of Utah 1422 UIC Program.</li> <li>b. Technical training, as appropriate and as funds allow.</li> <li>c. Seventy-five percent (maximum) of funds necessary to operate the core State 1422 UIC Program, assuming a federal budget funding level near or equal to the past three years. Should funding levels drop significantly, USEPA will review core program elements and provide appropriate revisions</li> </ol>		
<p><b>Goal 1</b> - Core Mission: Deliver real results to Provide Americans with clean air, land, and water, and ensure chemical safety.</p> <p><b>Objective 1.2</b> - Provide for Clean and Safe Water</p> <p><b>Objective 3.2</b> - Create Consistency and Certainty: Outline exactly what is expected of the regulated community to ensure good stewardship and positive environmental outcomes.</p>	<ol style="list-style-type: none"> <li>1. Maintain an effective 1422 Underground Injection Control Program per agreement with the EPA</li> <li>2. To protect Underground Sources of Drinking Water (USDWs) from contamination by maintaining and implementing an effective core program, the DWQ 1422 UIC Program agrees to:</li> </ol>	<ol style="list-style-type: none"> <li>a. Evaluate the core program effectiveness as reported in the UIC Program narrative included in the EOY Report.</li> <li>b. Enforce the 1999 Class V Rule regarding motor vehicle waste disposal wells (MVWDWs) and large capacity cesspools (LCCs). MVWDWs and LCCs are closed as they are identified. Priority is given to identifying these wells within groundwater-based source water protection zones as delineated by the Utah Division of Drinking Water, Source Water Protection Program. MVWDWs and LLCs identified, inspected and closed are included in the submittal of the biannual narratives and quarterly</li> </ol>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>reporting to the UIC Data Application.</p> <p>c. Identify and report the number and percent of Class I injection wells that are used to inject industrial, municipal, or hazardous waste wells that fail mechanical integrity and maximize the number that are returned to compliance within 180 days, thereby reducing the potential to endanger USDWs.</p> <ul style="list-style-type: none"> <li>i. The reporting requirements for this metric shall be fulfilled by the quarterly submittal to the UIC Data Application.</li> <li>ii. Identify and report the number and percent of Class III injection wells that lose mechanical integrity and maximize the number that are returned to compliance within 180 days, thereby reducing the potential to endanger USDWs. The reporting requirement for this metric shall be fulfilled by the quarterly submittal to the UIC Data Application.</li> </ul> <p>d. Identify and report the number of Class V motor vehicle waste disposal (MVWD) wells and large capacity cesspools that are closed or permitted in sensitive ground water protection areas* and maximize the number that are closed or permitted thereby reducing the potential to endanger underground sources of drinking water.</p> <p>The reporting requirement for this metric shall be fulfilled by the quarterly submittal to the UIC Data</p>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>Application. * Although Utah has not formally delineated "other sensitive ground water areas" throughout the state as defined by the December 7, 1999 final rule, the 1422 UIC Program will continue to prioritize the identification, reporting, and return-to-compliance of MVWDW and other high priority wells within Source Water Protection Zones and other areas, although not formally delineated, where risk to human health and vulnerability to ground water contamination is recognized.</p> <p>e. Ensure Utah UIC Program monitoring activities are performed according to the DEQ/QMP Approved QAPP.</p>
	<p>3. Encourage responsible environmental behavior and promote excellence in environmental quality through environmental education, community-based partnerships and qualitative and quantitative feedback from regulated and non-regulated customers.</p>	<p>a. Provide a description of presentations to local government groups, local health departments, public works departments, private sector groups, civil groups, etc. which include UIC concerns and opportunity for feedback. (Reported in the UIC Program biannual and EOY narratives which are submitted to the UIC Data Application)</p> <p>i. Provide a description of all outreach activities intended to inform local government groups, local health departments, public works departments, private sector groups, civil groups, etc. about the 1999 Class V rule regarding the closure of motor vehicle waste disposal wells (MVWDWs), large capacity cesspools (LCCs) and any other</p>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>outreach activities intended to inform the public and the regulated community about UIC Program requirements. (Reported in the UIC Program biannual and EOY narratives which are submitted to the UIC Data Application)</p>
<p><b>Objective 3.4-</b> Streamline and Modernize: Issue permits more quickly and modernize our permitting and reporting systems.</p>	<p>4. Reporting of 7520 Data and the Biannual and EOY Program Narratives.</p>	<p>a. Utah DWQ currently maintains the 1422 UIC Program's geodatabase which is queried quarterly to provide the 7520 data necessary to submit to the UIC Data Application. The Utah 1422 UIC Program prepares two program narratives: one prior to the mid-year program review and another for the EOY report.</p>
	<p>5. Continue administration of a comprehensive ground water protection program according to priorities established in Utah Ground Water Protection Strategy and the annual FY16 Division of Water Quality/Goals and Objectives.</p>	<p>a. End-of-year report as required by EPA grant on achievement of FY17 DWQ/Ground Water Program Goals and Objectives. b. Continue participation in the Ground Water Protection Council National Ground Water Strategy Committee with EPA Headquarters, Regions, and States. The intent is to help EPA develop a national strategy for refocusing EPA and States efforts on ground-water protection.</p>
<p><b>Objective 1.2</b> – Provide for Clean and Safe Water <b>Objective 3.3:</b> Prioritize Robust Science: Refocus the EPA’s robust research and scientific analysis to inform policy making.</p>	<p><b>STANDARDS AND TECHNICAL SERVICES</b></p>	
	<p>1. Maintain Water Quality Standards as the basis for effective water quality management and assessment programs.</p>	<p>a. Continue to review and compile a list of potential water quality standards to be included in the 2020 triennial review, including: nutrient criteria, appropriate modifications to Great Salt Lake standards, and new or revised 304 (a) criteria</p>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>recommendations.</p> <ul style="list-style-type: none"> <li>b. Continue to collaborate with the water quality standards workgroup(s) of stakeholders and partners on continued water quality standards revisions.</li> <li>c. Develop and publicize a plan for implementing tissue-based criteria (i.e., revised selenium criteria adopted).</li> <li>d. Evaluate Utah waters for the presence of mollusks in preparation for adoption of Utah ammonia criteria based on EPA's 2013 ammonia criteria recommendation. Develop implementation guidance for conducting mussel surveys.</li> </ul>
	<p>2. Development of rules, policies, and procedures to ensure protection of Great Salt Lake and its surrounding wetlands.</p>	<ul style="list-style-type: none"> <li>a. Continue to update and revise as necessary the Great Salt Lake Water Quality Strategy, Core Components 1 (aquatic life use criteria development) and 2 (monitoring).</li> <li>b. Continue to implement the Great Salt Lake Baseline Sampling Plan within the requirements of the Quality Assurance Program Plan. Update the QAPP as needed.</li> <li>c. Continue numerous efforts to encourage collaboration among DWQs sister State and Federal agencies with related management responsibilities for GSL.</li> <li>d. Continue toxicological testing of brine shrimp and brine flies in support of numeric criteria development for priority pollutants in GSL.</li> <li>e. Continue development of assessment of recreational and aquatic uses using the narrative standard for Farmington Bay</li> <li>f. Continue to develop and implement monitoring and assessment methods for GSL wetlands.</li> <li>g. As resources allow, fill the key data gaps</li> </ul>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>identified by the 2016 Great Salt Lake Aquatic Life Use Resident Taxa Summary.</p> <p>h. Modify Utah's Water Quality Standards to ensure the long term protection of the Willard Spur and GSL wetlands.</p>
	<p>3. Development of numeric nutrient criteria and associated implementation procedures.</p>	<p>a. Continue to incorporate nutrient-specific monitoring efforts into Utah's long-term monitoring strategy. Include plans for the ongoing measurement of nutrient-related ecological responses.</p> <p>b. Work with EPA staff on support materials to include with the headwater nutrient criteria when they are submitted for EPA approval.</p> <p>c. Work with stakeholders to develop an implementation strategy to support the recently adopted headwater numeric nutrient criteria.</p> <p>d. Continue to develop numeric water quality indicators and/or criteria for phosphorous, nitrogen and associated ecological responses to protect recreation or aquatic life uses for Utah's waters.</p> <p>e. Continue to meet with Utah's Nutrient Stakeholder Workgroups on outreach efforts in support of Utah's nutrient reduction efforts.</p> <p>f. Develop assessment processes and associated rules for a comprehensive nutrient reduction program.</p> <p>g. Continue to participate on TMDLs for nutrient-related impairments to ensure that, wherever possible, that the endpoint align with site-specific standard development.</p>
	<p>4. Develop and implement a long-term biological assessment program.</p>	<p>a. Maintain annual biological monitoring strategy that best balances the programmatic needs of stakeholders. Make the list of sites available</p>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p>for review and incorporated into the annual monitoring strategy.</p> <ul style="list-style-type: none"> <li>b. Collect physical habitat, macroinvertebrate, and periphyton samples at 25 probabilistic stream sites as well as ~15-25 targeted sites annually to provide the data necessary to augment assessment tools and fulfill long-term (trend), natural variability (reference), restoration effectiveness, TMDL, 305(b), and 303(d) assessment needs.</li> <li>c. Continue to build capacity to digitize both field and biological data and store in a readily accessible database. Create electronic field form linking collected data to database.</li> <li>d. Continue development of modeled diatom MMI and integrate into existing aquatic life assessments.</li> <li>e. Continue compiling an expanded reference water body (streams and rivers) dataset for future assessment tool development.</li> <li>f. Continue development of assessment methods that better integrate biological and chemical assessment methods to provide an overall assessment of aquatic life beneficial use support for Utah's streams.</li> <li>g. Continue development of outreach materials (i.e., website, fact sheets, reports) to more completely describe Utah's biological assessment program to our stakeholders.</li> </ul>
	<p>5. Develop and implement responsive <i>e. coli</i> and Harmful Algal Bloom (HABs) Programs</p>	<ul style="list-style-type: none"> <li>a. Continue partnership development of outreach materials that communicate reporting <i>e. coli</i> results and cyanobacteria blooms, avoiding risks, and water recreation risks education.</li> <li>b. Continue development of agency-wide strategic communication: response, education, messaging and advisories.</li> </ul>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<ul style="list-style-type: none"> <li>c. Update <i>e. coli</i> and HAB guidances, sampling and analysis plans, and SOP documents as necessary.</li> <li>d. Improve water recreation incident response reporting information and tracking.</li> <li>e. Improve collection and reporting efficiency</li> <li>f. Continue to develop early-warning systems for cyanobacteria at high-risk waterbodies.</li> <li>g. Update integrated report assessments related to <i>e. coli</i> and HABs.</li> </ul>
<p><b>Objective 1.2</b> – Provide for Clean and Safe Water: Ensure waters are clean through improved water infrastructure and, in partnership with states and tribes, sustainably manage programs to support drinking water, aquatic ecosystems, and recreational, economic, and subsistence activities.</p>	<p><b>Monitoring and Reporting</b></p>	
	<p>1. Continue phase in of re-tooled monitoring program for DWQ according to established schedules.</p>	
	<p>2. Conduct Tier 1 (probabilistic), Tier 2 (targeted) and Tier 3 (programmatic) monitoring on a rotating basin schedule</p>	<p><u>Tier 1 Monitoring: Probabilistic</u></p> <ul style="list-style-type: none"> <li>a. Make improvements to probabilistic survey design. Complete 25 statewide probabilistic sites per year using UCASE field protocols when NRSA survey is not occurring.</li> <li>b. Complete remaining National Rivers and Streams Assessment (September 2019). DWQ will not be participating in NARS in 2020 given the resource cycle (NCCA).</li> </ul> <p><u>Tier 2 Monitoring: Targeted</u></p> <ul style="list-style-type: none"> <li>a. Complete ambient intensive targeted monitoring in the Sevier-Beaver-Cedar Basins.</li> <li>b. Conduct lake sampling at targeted lakes/reservoirs in the Sevier-Beaver-Cedar Basins under the Priority Lakes Program. Also, sample requested lakes outside of the Sevier-Beaver-Cedar Basins that have unique circumstances (i.e. TMDL development; NPS; data gaps; suspect data;</li> </ul>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures
	<p>lakes of concern; etc.).</p> <ul style="list-style-type: none"> <li>c. Complete 10-15 targeted UCASE sites in the Sevier-Beaver-Cedar Basins. Sampling locations are re-visit sites from rotating probabilistic survey design from 2011 survey.</li> <li>d. Sample ~10-15 targeted UCASE sites statewide to address reference site conditions; NPS/restoration effectiveness; data gaps; increase data variability at a site.</li> </ul> <p><u>Cooperative Monitoring Program</u></p> <ul style="list-style-type: none"> <li>a. Monitoring program to allow for cooperators from other governmental agencies to collect water chemistry samples to address their data needs, but to also address DWQ data gaps and needs.</li> </ul> <p><u>Tier 3 Monitoring: Programmatic</u> Continue to implement a statewide mercury and selenium in fish tissue monitoring component as part of the long-term monitoring strategy as funding is available.</p> <ul style="list-style-type: none"> <li>a. Utilize established workgroup to provide guidance and recommendations for the mercury/selenium monitoring program.</li> <li>b. Participate in the issuing of mercury fish consumption advisories as needed.</li> <li>c. Participate in triennial review preparations/discussion pertaining to Hg and Se.</li> </ul> <p><u>TMDL monitoring</u></p> <ul style="list-style-type: none"> <li>a. Monitoring runs throughout the state to address data needs for WP Section to develop TMDLs. Parameters of concern are dependent on listed waterbody.</li> </ul>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures
	<p><u>Surface Water Compliance</u>  a. Continue to Implement QUAL2K model sampling for permit renewal and wasteload development</p> <p><u>NPS Effectiveness Monitoring</u>  a. Implement pilot study for Long-term monitoring stations to assess effects watershed restoration, long term trends and climate change and develop site specific sampling plans.</p> <p><u>E. coli Cooperative Monitoring</u>  Continue implementation of monitoring program for <i>E. coli</i> to facilitate informing Local Health Departments for recreational advisories and more rigorous assessment of recreational beneficial uses</p> <p><u>Statewide Stormwater Monitoring Program</u>  a. Develop a monitoring plan to characterize stormwater runoff impact to Utah's waterbodies.</p> <p><u>Utah Lake Monitoring Program</u>  a. A comprehensive monitoring program to characterize pollution sources into Utah Lake. This includes the development of a stormwater monitoring project.</p> <p><u>Emerging Contaminants Monitoring Program</u>  a. Development of a monitoring plan and program to address emerging contaminants of concern. PFAS is the primary focus currently.</p>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
		<p><u>Wetland Monitoring Program</u> a. Implementation of a wetland monitoring program to address standards development on impounded wetlands near the Great Salt Lake.</p> <p><u>Harmful Algal Bloom Monitoring Program (HABs)</u> a. Monitoring program developed to address proactive (baseline) and response monitoring related to HABs.</p> <p><u>Incident Response</u> a. Allocate staff and equipment resources to respond to unforeseen environmental impacts that affect surface and groundwater.</p> <p><u>High Frequency Data Program</u> a. Continue to develop DWQ's High Frequency Data Program by deploying remote monitoring stations like buoys or sondes. Some will be telemetered. Dedicate staff time to develop sampling plans, data organization and implementation, and analysis.</p>
<p><b>Objective 3.4-</b> Streamline and Modernize: Issue permits more quickly and modernize our permitting and reporting systems.</p>	<p>3. Fully implement quality assurance system for water quality division including QAPPs, SOPs, annual monitoring plans, and new documentation requirements for continuous monitoring.</p>	<p>a. Implement overhauled quality assurance system for water quality division</p> <ul style="list-style-type: none"> <li>i. New documentation requirements for continuous monitoring stations will be developed as part of the scoping and planning of pilot study</li> <li>ii. Develop and web post Annual Monitoring Plan to include schedule, site locations, monitoring activities, responsible entities, and special studies for meeting program objectives in the SMP.</li> </ul> <p>b. Training in revised SOPs and QAPPs</p>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

EPA Goals and Objectives	DWQ Goals and Measures	
	4. Continue management of AWQMS	<ul style="list-style-type: none"> <li>a. Database populated with up-to date datasets and system in place for dynamic uploads to WQX.</li> <li>b. Biannual comparisons of data in AWQMS to data in Water Quality Portal to ensure accuracy and completeness.</li> <li>c. Training documents to support the use of AWQMS.</li> <li>d. Perform testing of new AWQMS patches/versions prior to updating.</li> </ul>
	5. Integrate monitoring strategy elements to full operating levels, including update of monitoring strategy and annual monitoring plan for public comment; ongoing maintenance of cooperative monitoring/statewide monitoring council, and monitoring-related website elements	<ul style="list-style-type: none"> <li>a. Update monitoring strategy and place on website for public comment (Strategic Monitoring Plan) June 2020.</li> <li>b. Continue to apply for the 106 Monitoring Initiative funds to address data gaps and needs identified in monitoring strategy and to produce state-scale probability survey results.</li> </ul>
<p><b>Objective 3.4-</b> Streamline and Modernize: Issue permits more quickly and modernize our permitting and reporting systems.</p>	6. Complete combined 2018/2020 Integrated Report analysis of water quality data for submission to EPA by April 1, 2020	<ul style="list-style-type: none"> <li>a. Compile and prepare all readily available and credible data for assessments and perform assessments. November 2019</li> <li>b. Issue draft 2020 Integrated Report for a minimum 30 day public comment period and integrate public comments into final report. January 2020</li> <li>c. Complete and submit 2018/2020 Integrated Report electronically in to the ATTAINS system. Transmit water quality data to EPA using the WQX framework to satisfy the general obligation to report water quality data annually. April 1, 2020</li> </ul>

## GOALS AND OBJECTIVES DIVISION OF WATER QUALITY

**TABLE 1 –UIC REPORTING REQUIREMENTS**

<b>Due Date</b>	<b>Reporting Cycle</b>	<b>Report Required</b>
May 15	Semi-Annual	Electronic submittal to UIC National Database for First and Second Federal Fiscal Year Quarters (October 1 through March 31)
November 15	Annual	Electronic submittal to UIC National Database for First, Second, Third, and Fourth Federal Fiscal Year Quarters (October 1 through September 30)  Utah DEQ End of Year Report to EPA (EOY Report)
December 31	Annual	Final Financial Status Report (FSR)

# GOALS AND OBJECTIVES

## DIVISION OF WATER QUALITY

### Multi-Purpose Grant

## Development of a Water Quality Credit Tracking Tool for the Jordan River

### PROJECT SUMMARY

In 2018, DWQ deferred completion of the Jordan River TMDL to incorporate an updated water quality model and to give municipalities along the Jordan River time to prepare for the first numeric limits for storm water pollution in the state. As part of this decision, the Division committed to communities the granting of credit in the final TMDL for efforts to reduce storm water pollution ahead of the regulation ([see letter](#)). This will largely be through storm water infrastructure retrofits and implementation of Low Impact Development practices. In addition, the Division has identified the Jordan River as an excellent opportunity to allow storm water municipalities (17) and publicly owned treatment works (5) to engage in trading to maximize the water quality benefit of public expenditures aimed at improving the Jordan River. Such an approach is supported by recent EPA guidance emphasizing water quality trading and integrated permitting ([see letter](#)). Both pre-compliance incentives and water quality trading will need to be grounded in a defensible tool that municipalities can rely upon to provide regulatory certainty. We have been reviewing tools and programs developed by other states (e.g. [Maryland](#) and [Minnesota](#)) and DWQ is now ready to develop a Water Quality Credit Tracking tool for the Jordan River. We have an RFP ready for release to eligible contractors that are pre-qualified on our Approved Vendor List.

### MEASURES

We proposed to include the following metrics into the PPA in support of this project:

1. Develop a tool to support water quality credit tracking and trading along the Jordan River with the goal to maximize the water quality benefit of public expenditures aimed at improving the Jordan River by September 2020.
2. Make the tool publically available and provide training as requested by regulated entities along the Jordan River by September 2021.
3. Incentivize the use of the tool by granting credit to communities that use the tool for efforts to reduce storm water pollution ahead of the compliance requirements that will be determined in the final Jordan River TMDL.



State of Utah

GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

Department of  
Environmental Quality

Alan Matheson  
Executive Director

OFFICE OF SUPPORT SERVICES  
Craig P. Silotti, CPA  
Director

September 3, 2015

Gerard Bulanowski, State Program Manager (8P-SA)  
State Assistance Program

Melisa Devincenzi, Grant Specialist (8TMS-G)  
Grants; Audit and Procurement Program Office

U.S. EPA Region VIII  
1595 Wynkoop Street  
Denver, CO 80202-1129

Dear Mr. Bulanowski and Ms. Devincenzi:

Enclosed is Utah Department of Environmental Quality's application for the FFY 2016 through FFY 2020 Performance Partnership Grant. The application requests \$41,224,175 in federal funds and includes \$15,971,580 in state match over the five year period. Summarized below are the amounts requested for the first year of the five year period. The amounts were based on the latest EPA projected amounts from the prior year.

	<u>Federal</u>	<u>State</u>
Pollution Prevention	\$ 94,041	\$ 94,041
Air Pollution Section 105	2,506,269	1,670,846
Asbestos	124,000	41,333
Lead (OECA)	43,000	
Lead (OPPTS)	227,056	
Drinking Water PWSS	901,000	300,333
Hazardous Waste RCRA	537,439	179,146
Hazardous Waste Compliance Asst	224,334	74,778
Surface Water Section 106	2,077,578	95,591
Underground Injection Control	63,000	21,000
Nonpoint Source Section 319	502,379	334,919
Radon	45,000	30,000
Carryover	<u>3,000,000</u>	<u>1,181,767</u>
Total	\$10,345,096	\$4,023,754

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Subsequent years include a 2% increase per year and are detailed on the detail budget narrative spreadsheet. Also included was \$3,000,000 budgeted for carryover. This amount is less than the 10% normally requested. The actual amount is not know at this time but will most likely be less. The match for the carryover was calculated at 28.26%, based on the totals on the last award dated 8/12/2015

If you have questions or additional information is needed please call me at (801) 536-4460.

Sincerely,



Craig Silotti, CPA  
Finance Director

Enclosures

cc: Renette Anderson, Office of Support Services  
Bob Bowen, Division of Air Quality  
Kate Johnson, Division of Drinking Water  
Jalynn Knudsen, Division of Waste Management and Radiation Control  
Emily Canton, Division of Water Quality