



Photo Courtesy of Jared Mendenhall, DEQ Communications Office

**Utah DEQ
FFY19 PPA End of Year Report
December 2019**

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Introduction

This End of Year Report documents the accomplishments of the Utah Department of Environmental Quality under the FFY19 Performance Partnership Agreement and Performance Partnership Grant.

Utah DEQ appreciates the flexibility allowed by the PPA and PPG in meeting critical environmental goals and the burden reduction offered by a single end of year report.

We remain committed to the PPA as an effective mechanism to “set out jointly-developed priorities and protection strategies” and to “work together to address priority needs.”¹

¹ <https://www.epa.gov/ocir/national-environmental-performance-partnership-system-nepps##Per%20Par%20Agreements>

**UDEQ GOALS AND OBJECTIVES
DIVISION OF AIR QUALITY
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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishment
<p>Goal 1: Improving Air Quality – Achieve and maintain health-based air pollutant standards and reduce risk from toxic air pollutants and indoor air contaminants</p>	<p>Reduce Criteria Pollutants and Regional Haze</p>	<p>1. Develop and implement appropriate SIPs for all areas of the state.</p>	<p>a. State develops all State Implementation Plan revisions 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>ACCOMPLISHMENTS:</p> <p>a. The State and EPA have worked closely on several important SIP issues this year. As a result, the State has submitted an amended Regional Haze SIP, Infrastructure SIPs for both the 2008 and 2015 ozone standards, and three Maintenance Plans for PM_{2.5}. The State has worked closely with EPA to create an ozone SIP development timeline, a modeling protocol for an SO₂ Maintenance Plan, and to withdraw several rules and SIPs, including an old SO₂ Maintenance Plan and the General Approval Order rule.</p> <p>b. Utah has implemented all control measures contained in plans submitted to EPA.</p>
		<p>2. Develop and improve appropriate inventories.</p>	<p>a. The Title V inventory is prepared by April 15.</p> <p>b. Required inventory data is entered into the NEI by December 31.</p> <p>c. Non-HAP/non-Criteria/non-MACT regulated pollutants are inventoried as required by federal rules.</p> <p>d. The inventories required for the Maintenance Plans and SIPs are developed as required and appropriate technical support for each is submitted to EPA for their review with the applicable plan.</p> <p>ACCOMPLISHMENTS:</p> <p>a. The Title V Emissions Fee invoicing was prepared by August 15, 2019.</p>

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		<p>3. Continue to meet federal requirements for PSD increment tracking.</p>	<p>b. All of the required inventory data for sources within State jurisdiction, including point, area, mobile, and non-road inventories, are on track to be submitted to the NEI by the due date.</p> <p>c. Non-HAP/non-Criteria/non-MACT inventories for sources within State jurisdiction will be submitted by January 15, 2020.</p> <p>d. All Episodic, base-year, and projected-year inventories required for SIP development were developed and documented within the appropriate TSDs, taken out for public comment and submitted to EPA with the SIP packages.</p> <p>Increment consumption for major sources is tracked as permits are issued.</p> <p>ACCOMPLISHMENTS: Class I and Class II increment analyses were completed for all PSD permit applications.</p>

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		<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. Evaluate monitoring network to reflect recent changes in funding and national monitoring requirements to optimize the network.</p> <p>b. The PM_{2.5} monitoring network is maintained and operated as appropriate funding is received from EPA.</p> <p>c. Monitoring data are submitted to EPA 90 days after each quarter.</p> <p>d. Locations for new monitoring sites are based on current emission inventories, air quality modeling and EPA regulation.</p> <p>e. Staff works with EPA to assess the impacts of changes to 40 CFR 58, and continue planning for the implementation of those changes (National Monitoring Strategy/NCORE Monitoring Network).</p> <p>f. The National Air Toxics Trends site in Bountiful is operated in accordance with NATTS QAPP with appropriate updates.</p> <p>g. An appropriate response to each identified NAAQS violation is prepared and submitted to EPA.</p> <p>h. The annual certification of 2017 data is completed by the May 1, 2018 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>

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			<p>j. Initiate PAMS early implementation activities, including PAMS siting, preliminary PAMS plan for 2017 Annual Monitoring Network Plan, acquisition and installation of ceilometer for mixing height measurements.</p> <p>ACCOMPLISHMENTS:</p> <p>a. The annual network plan was completed and made available for public comment on May 22, 2019. The final document was submitted to EPA on July 2, 2019.</p> <p>b. The PM_{2.5} monitoring network was maintained and operated as funded by EPA.</p> <p>c. Raw data are generally submitted to EPA within 90 days or sooner after each quarter.</p> <p>d. This is an ongoing standard procedure. All sites are selected using a variety of inputs, including saturation studies, modeling, availability of a suitable site, etc. Substantial progress was made this year on the installation of the Near-Road monitoring site at the location EPA identified as most preferential. The Near-Road site has been established and will be up and running for the start of 2019.</p> <p>e. The required NCORE monitoring continues.</p> <p>f. The National Air Toxics Trend site in Bountiful is operating. Samples have been collected and submitted to EPA's contract lab. The data have been reviewed and approved for submittal into EPA's AQS data base.</p> <p>g. UDAQ and EPA use the current monitoring data to propose the attainment status for each area in Utah. As monitored exceedances of the NAAQS are identified that are influenced by exceptional events, appropriate data flags are being applied,</p>

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			<p>and supporting documentation submitted to EPA for review and concurrence. As nonattainment areas are identified, appropriate State Implementation Plans are developed to address the issues causing the nonattainment status.</p> <p>h. Certification of 2018 data was completed and submitted to EPA on January 31, 2019.</p> <p>i. UDAQ continues to operate the Price monitor in support of the Three-State study goals. This monitor is classified as special purpose and all data is submitted to AIRS. UDAQ staff participates on the 3-State Project steering committee and helped develop the study plan. The monitoring portion of the study was completed on December 31, 2013, but the state continues to operate the site and will continue to operate the site as long as Three-State funding is available. The State has also taken over control of the Escalante monitoring site from the BLM and will operate that site as a State site into the future as funding permits.</p> <p>j. Even though the PAMS monitoring is still unfunded by EPA, PAMS equipment has been installed and is running and will continue to run pending funding and available resources.</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishment
		5. Maintain the compliance status of air pollution sources in the state.	<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. Coordinate with EPA to ensure that CMS sources are flagged in ICIS-AIR for inspection, and to ensure that high priority violations and associated enforcement actions are 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> <p>ACCOMPLISHMENTS:</p> <p>a. The Compliance Monitoring Strategy for FFY 2020 was submitted to USEPA Region VIII on October 29, 2019.</p> <p>b. Asbestos notification, certification and outreach programs were operated and inspections were performed at 227 sites.</p> <p>c. The AHERA Grant work program was completed and submitted in a separate report.</p>
		6. Implement the Operating Permits Program meeting the current requirements of Title V, CAAA 1990, and the Utah Air Conservation Act.	<p>a. An Operating Permits Program is continued as described in program approval from EPA.</p> <p>b. The provisions of the Acid Rain Act and 40 CFR Part 72 and Part 76 are implemented.</p> <p>ACCOMPLISHMENTS:</p> <p>a. The Operating Permits Program has been implemented as outlined in the program approval</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishment
			<p>from EPA. The Title V Permits have been issued as expeditiously as possible.</p> <p>b. The implementation of 40 CFR Parts 72 & 76, and the Acid Rain Act are ongoing.</p>
		<p>7. Continue issuing approval orders for new sources and modifications of the existing approval orders.</p>	<p>a. A demonstration is made that the NAAQS and PSD increment ceilings in Class I and Class II areas are protected.</p> <p>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.</p> <p>ACCOMPLISHMENTS:</p> <p>a. Air quality modeling was completed for major and minor source applications according to R307-410-3.</p> <p>b. This is an ongoing process that is performed continually.</p>
		<p>8. Quality Assurance programs are reviewed for effectiveness.</p>	<p>a. Statistical quality standards are met for the collection of ambient air data and emissions inventories prepared by the State.</p> <p>b. Rules, regulations, procedures, policies, and protocols are complied with.</p> <p>c. Regulatory activities are documented, including the appropriate technical support.</p> <p>d. The State and EPA agree on the adequacy of air program results.</p> <p>ACCOMPLISHMENTS:</p> <p>a. On-going – All statistics were collected for site inspections, monitoring, inventory, etc. following the existing QA protocols.</p> <p>b. UDAQ complies with all rules, regulations,</p>

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			<p>procedures, policies and protocols.</p> <p>c. All commitments were met or exceeded. Data to verify that commitments were met is in AIRS.</p> <p>d. UDAQ and EPA Region VIII confer regularly on the results of the air program implementation.</p>
		<p>9. Maintain the small business environmental assistance program (SBEAP) to actively assist small businesses to comply with rules of the Board.</p>	<p>a. Educational Assistance is offered to all small businesses affected by adopted NSPS and MACT standards.</p> <p>b. As appropriate, the Small Business Compliance Advisory Panel's role is modified to increase the effectiveness of the SBEAP.</p> <p>c. On-site assistance is provided when requested.</p> <p>d. The small business work plan for the Small Business Compliance Advisory Panel is modified as appropriate to better meet assistance needs.</p> <p>e. Assistance tracking is modified as appropriate to better provide and measure assistance needs.</p> <p>ACCOMPLISHMENTS:</p> <p>a. Assistance provided as needed and online resources are available from the DAQ Small Business Environmental Assistance Program website.</p> <p>b. All business sectors are aided. Resources are provided including online compliance assistance calendars available to all dry cleaners to help them comply with the NESHAP requirements.</p> <p>c. Assistance is provided to businesses when needed.</p> <p>d. The work plan is modified at each panel meeting, as needed.</p> <p>e. The SBEAP is reviewing assistance provided and reviewing business needs to provide better quality assistance to the regulated community.</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishment
		<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.</p> <p>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>ACCOMPLISHMENTS:</p> <p>a. R307-204 got a significant revision, including changes specified by the legislature, a reflection of current FLM policies regarding wildland fire, and general housekeeping. The final rule, adopted in September 2019, maintains the same standards but went from 3,441 words to 1,771 words. This was the first amendment of this rule since 2011.</p> <p>b. A smoke study is underway in partnership between UDAQ scientists and Federal and State Land Managers, with the goal of validating PM_{2.5} concentration models. Monitors have been set up on four prescribed fires so far in 2019.</p>
		<p>11. Work with EPA to obtain federal actions 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>ACCOMPLISHMENTS:</p> <p>The State and EPA have worked together to implement the 3-year plan to eliminate the backlog, resulting in the elimination of the backlog. Now the State and EPA have monthly SIP meetings to discuss recent and upcoming SIP submittals to ensure EPA can act on them in a timely manner.</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishment
		<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.</p> <p>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.</p> <p>c. Rules implementing specific source RACT are developed and implemented as appropriate.</p> <p>d. RACT determinations included in the Ozone Maintenance Plan and PM SIPs are reviewed and updated as appropriate.</p> <p>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 toxics risks in Utah communities based on available resources.</p> <p>ACCOMPLISHMENTS:</p> <p>a. MACT requirements promulgated by EPA are included in Title V permits.</p> <p>b. New and revised MACT and NSPS standards continue to be adopted in Utah and implemented through the permit process.</p> <p>c. New and revised MACT and NSPS standards continue to be adopted in Utah and implemented through the permit process.</p> <p>d. The RACT requirements were last reviewed as the 8-Hour Ozone Plan was developed, during which RACT requirements for Hill were clarified, improved, and tied to the federal requirements such as MACT, etc. All other RACT determinations in the ozone plan were reviewed and retained or strengthened. RACT requirements in the PM10 SIP</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishment
			<p>are being reviewed and updated as part of the Serious Area PM_{2.5} SIP.</p> <p>e. DAQ staff have attended conferences and workshops and participated in EPA regional meetings and conference calls to help identify, characterize and address air toxics in Utah communities as funding permits.</p>
		<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.</p> <p>b. Data precision and accuracy assessments are submitted to ICIS-Air no later than 90 days after each calendar quarter.</p> <p>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.</p> <p>d. Data summary reports are printed for regulatory and public use as appropriate.</p> <p>ACCOMPLISHMENTS:</p> <p>a. Quality assured ambient data were submitted to EPA's AQS within 90 days after each quarter.</p> <p>b. Quality-assured P&A data were submitted within 90 days following each quarter.</p> <p>c. The database was monitored continuously for accuracy and completeness.</p> <p>d. Data summary reports were prepared and printed for Board, regulatory and public use.</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>ACCOMPLISHMENTS:</p> <p>Ambient Air quality data was provided to the AirNow program.</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishment
		<p>15. a) Work with other state / federal / local agencies to reduce diesel emissions in Utah.</p> <p>15. 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.</p> <p>15. c) 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 DERA.</p> <p>b. Continue efforts with Cache, Davis, Salt Lake, Utah, and Weber counties to implement their respective I/M programs.</p> <p>c. 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> <p>ACCOMPLISHMENTS:</p> <p>a. Ongoing. DAQ worked with stakeholders to identify potential projects for the Utah Clean Diesel program. DAQ has successfully acquired funds through DERA for the past several years and will continue to build on the success of the current program.</p> <p>b. Ongoing. Through Weber State University’s National Center for Automotive Science and Technology (NCAST), DAQ continues to provide technical and training to support Bear River Health Dept.’s I/M program. DAQ works with Wasatch Front I/M counties with regulation/ordinance and program updates.</p> <p>c. Ongoing.</p>
	Reduce Air Toxics	16. Reduce Air Toxics	<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 which will focus on sharing</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishment
			<p>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>ACCOMPLISHMENTS:</p> <p>a. MACT requirements are included in Title V permits as they are promulgated by EPA.</p> <p>b. DAQ staff have attend conferences and workshops and participated in EPA regional meetings and conference calls to help identify, characterize and address air toxics in Utah communities as funding permits. DAQ has completed an analysis of current air toxics data in Utah, and is continuing an air toxics study funded by the state legislature.</p> <p>c. Community outreach and air toxics analysis was performed based on community needs.</p>
		<p>17. Assess public exposure to air toxics in Bountiful, Davis County by analyzing intensive community-specific air toxics monitoring campaign collected at sites in Bountiful area during summer and winter.</p>	<p>a. Prepare a report summarizing main findings by January 2018</p> <p>b. Characterize ambient air toxics levels in Bountiful community.</p> <p>c. Assess community-scale and diurnal variability in air toxics levels in Bountiful area</p> <p>d. Identify source locations of high-risk air toxics.</p> <p>e. Assess public exposure to air toxics within Bountiful community areas</p> <p>f. Ultimately determine specific emission reduction strategies</p> <p>g. Ultimately evaluate and improve air toxics emissions inventory.</p>

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			<p>ACCOMPLISHMENTS:</p> <p>a. In progress. The report has been written and is in management review.</p> <p>b. Complete. Data has been analyzed and plots summarizing the results have been generated. Results will be included in final report.</p> <p>c. Complete. Data has been analyzed and plots summarizing the results have been generated. Results will be included in final report.</p> <p>d. Potential sources have been identified but more research is needed for a more definitive source characterization. A follow-up study is underway.</p> <p>e. Complete.</p> <p>f. Incomplete. This is dependent on source identification of high-risk air toxics. Potential sources have been identified but additional research is needed for a more definitive source characterization.</p> <p>g. More research is needed for improving the air toxics emissions inventory.</p>
Reduce exposure to lead-based paint.	Reduce exposure to lead-based paint.	18. Protect public health and the environment through implementation of the Utah Lead-Based Paint Certification, Accreditation and Work Practices Program.	<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 2018 and work to make further reductions in blood lead levels through 2018. (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</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishment
			<p>Centers for Disease Control and Prevention's (CDC's) National Health and Nutritional Evaluation Survey (NHANES).</p> <p>c. Support the EPA 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 by 2018. (Baseline is 28.4 percent difference in the geometric mean blood 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.)</p> <p>ACCOMPLISHMENTS:</p> <p>a. The Utah Lead-Based Paint Grant work program was completed and submitted in a separate report.</p> <p>b. The Utah Lead-Based Paint Program supported the EPA Strategic Plan goal to eliminate childhood lead poisoning by certifying 238 individuals and 128 firms conducting regulated work activities, performing 80 inspections at structures where regulated abatement work activities were performed, and were subject to the Lead-Based Paint Renovation, Repair and Painting rule requirements.</p> <p>c. The Utah Lead-Based Paint Program supported the EPA Strategic Plan goal to reduce the childhood geometric mean blood level by certifying 238 individuals and 138 firms conducting regulated work activities, performing 80 inspections at structures where regulated abatement work activities were being performed</p>

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			and were subject to the Lead-Based Renovation, Repair and Painting rule requirements.

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. EPA Region VIII and UDAQ will work together to pursue any feasible early action initiatives for PM_{2.5}.
7. 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.

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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.

Items Related to UDAQ MACT Compliance and Enforcement Activities

EPA Region VIII, Office of Enforcement, Compliance and Environmental Justice 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 PSD/NSR and MACT national initiatives in the refinery, coal-fired power plant, Portland cement, sulfuric and nitric acid and glass industry sectors; Energy Extraction, a national leak detection and repair (LDAR) and flare initiative; and a regional oil and gas industry sector initiative.

**UDEQ GOALS AND OBJECTIVES
DIVISION OF DRINKING WATER
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SOURCE PROTECTION

EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure and Accomplishment
<p>Goal 2: Protecting America's Waters. Objective 2.1 Protect Human Health Sub-objective 2.1.1 Water Safe to Drinking Measures: SP-4a; SP-4b:</p>	<p>National Target = 49% Regional Target = 40%</p>	<p>Report to EPA the number of community water systems with "minimized risk achieved by substantial implementation" of source water protection as determined by Utah approval of community water system source protection plans. Numbers may vary from year to year because of the six year review process but will meet or exceed EPA national and regional targets. 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>ACCOMPLISHMENTS: Total active community water systems with substantial implementation: 317 of 492 CWSs or 64%. The results for this measure exceed the national and regional targets substantially.</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.</p> <p>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> <p>ACCOMPLISHMENTS: Total active community water systems population with substantial implementation: 2,131,091 of 3,178,944 total population served by community water systems or 67% of the population served by CW The results for this measure exceed the national and regional targets substantially.</p>

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IMPLEMENTATION AND ENFORCEMENT

EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure and Accomplishment
<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 87%</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>Utah's target measure is below the National/Regional target due to the impact of tracking all identified significant deficiencies and sanitary defects in SDWIS. Utah has identified over 70 potential defects/deficiencies as significant.</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>ACCOMPLISHMENTS: The results for each calendar quarter of the federal fiscal year are: 2018 4th quarter – 85.3% 2019 1st quarter - 87.4% 2019 2nd quarter - 87.3% 2019 3rd quarter - 92.8% The measure result meets the National/ Regional Target during the final quarter of the federal fiscal year.</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 85%</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>Utah's target measure is below the National/Regional target due to the impact of tracking all identified significant deficiencies and sanitary defects in SDWIS. Utah has identified over 70 potential defects/deficiencies as significant.</p>	<p>ACCOMPLISHMENTS: The results for each calendar quarter of the federal fiscal year are: 2018 4th quarter – 83.5% 2019 1st quarter - 85.6% 2019 2nd quarter - 85.2% 2019 3rd quarter - 84.8% The measure hovers around the goal Utah proposed and falls short of the National/ Regional Target.</p>

**UDEQ GOALS AND OBJECTIVES
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EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure and Accomplishment
<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 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>Utah’s target measure is below the National/Regional target due to the impact of tracking all identified significant deficiencies and sanitary defects in SDWIS. Utah has identified over 70 potential defects/deficiencies as significant.</p>	<p>ACCOMPLISHMENTS: The results for each calendar quarter of the federal fiscal year are: 2018 4th quarter – 91.5% 2019 1st quarter - 94.2% 2019 2nd quarter - 96.1% 2019 3rd quarter - 95.8% The measure result exceeds the National/ Regional Target for every quarter of the federal fiscal year.</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>	<p>ACCOMPLISHMENTS: Utah’s DEQ and local health department staff completed 356 of the 371 surveys due in calendar year 2019. The 96% completion rate exceeds the national and regional target of 75%. The number also includes a review of active “non-public” systems to determine whether they continue to be non-public or have passed the threshold to become public.</p>
<p>Goal 5.I Enforcing Environmental Law (Filter/GUI)</p>	<p>UDEQ provides to EPA: 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</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</p>	<p>Accuracy of list of SW/GUI unfiltered systems.</p> <p>Completion of GUI assessments. Report provided to EPA by 11/15/18.</p> <p>All failure to filter violations uploaded to SDWIS when they occur.</p>

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EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure and Accomplishment
	<p>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>11/15/18.</p> <p>Upload all failure to filter violations to SDWIS.</p>	<p>ACCOMPLISHMENTS: The <i>UDI Source Status Report for 2019</i> was sent to Region 8 EPA via email on 11/15/19. The <i>UDI Source Status Report for 2018</i> was sent to Region 8 EPA via email on 11/15/18. Any identified failure to filter violations were entered into SDWIS upon discovery.</p>
<p>Goal 5.1 Enforcing Environmental 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</p>	<p>Timely annotate the quarterly ETT list for priority systems.</p>	<p>Annotations are complete and timely.</p> <p>ACCOMPLISHMENTS: All annotations to the ETT reports are made timely and reported to Region 8 EPA within 30 days of the receipt of the quarterly ETT list.</p>

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EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure and Accomplishment
	enforcement.		
	<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>ACCOMPLISHMENTS: All PWSs on the ETT list are either returned to compliance or under the appropriate enforcement within 6 months of their debut on the ETT list.</p>

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EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure and Accomplishment
Goal 5.1 Enforcing Environmental Law (SDWIS-Fed)	UDEQ will upload inventory information and all violations, enforcement actions, and applicable return to compliance codes into SDWIS-Fed quarterly.	SDWIS-Fed database is accurate and current.	ACCOMPLISHMENTS: Utah uploaded the required information into SDWIS-Fed as required each quarter.
Goal 5.1 Enforcing Environmental Law (Oversight)	<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 other formal enforcement actions.</p> <p>UDEQ will ensure that timely violation letters are sent to PWSs for each violation incurred.</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>Timely issue violation letters to PWSs for each violation incurred.</p>	<p>EPA’s review of enforcement actions reveal that all violations are contained in UDEQ formal enforcement actions.</p> <p>File reviews by the EPA or its contractor detect few late or absent violation letters.</p> <p>ACCOMPLISHMENTS: Monitoring “<i>Notices of Violation</i>” letters are sent to PWSs by the end of the month following the close of the monitoring schedule. Quality “<i>Notices of Violation</i>” letters are sent to PWSs as soon as possible after the quality violation has been confirmed but no later than the 3 business days after the quality determination.</p>
	UDEQ continues to provide access to State PWS files & data for EPA’s on-site enforcement review.	<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>ACCOMPLISHMENTS: Utah’s electronic filing system is available to EPA staff.</p>
	UDEQ agrees that EPA will use the Uniform Enforcement Oversight	UEOS evaluation by EPA accepted.	Continue to provide EPA with data necessary to complete the UEOS.

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EPA Goals & Objectives	EPA Strategic Targets	UDEQ Goals	UDEQ Measure and Accomplishment
	System (UEOS) for evaluating the State's enforcement performance.		ACCOMPLISHMENTS: Utah continues to provide the data necessary to complete the UEOS upon request.
Goal 5.1 Enforcing Environmental Law (New rules)	It is UDEQ's intent to adopt the RTCR Rule and commence enforcement effective on April 1, 2016, provided SDWIS is able to track and report violations. In the absence of SDWIS tools, UDEQ may have to rely on federal tracking and enforcement until such time as the SDWIS tools are in place. If federal involvement is necessary, UDEQ will cooperate with EPA in identifying water systems and violations for which EPA may need to issue enforcement actions.	If there are violations of any rule that UDEQ does not have primacy for UDEQ will share information regarding these violations with EPA. Utah will proceed as quickly as possible to resolve the few remaining stringency issues with the RTCR. Final rule changes effective date expected by 3/31/2019.	UDEQ and EPA will work closely on communicating capabilities related to the RTCR Rule. ACCOMPLISHMENTS: The rule changes needed to the R309- rule series to be as stringent as the federal RTCR rule were made effective on January 15, 2019. The final primacy packet was submitted and the official delegation of primacy issued by Region 8 EPA was received on June 18, 2019.

**UDEQ GOALS AND OBJECTIVES
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State CERCLA Program**

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
<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>	<p>Clean up Contaminated Land</p>	<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>ACCOMPLISHMENTS: DERR participated with EPA and other Region 8 states at the Superfund Manager’s conference held in Golden, Colorado on July 16-17, 2019.</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>ACCOMPLISHMENTS: DERR and EPA Superfund managers held monthly coordination calls to discuss program and site specific 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>ACCOMPLISHMENTS: Calls between program directors were held as needed..</p> <p>d. Jointly organize and attend program retreats between EPA and the State, when conducted.</p> <p>ACCOMPLISHMENTS: DERR continued to be open to attending program retreats between agencies; however, a retreat was not held during 2019.</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>ACCOMPLISHMENTS: During FY2019 DERR</p>

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State CERCLA Program**

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>continued to gather and assess information on groundwater that has been contaminated by solvents. This work is a collaborative effort between EPA, the DERR and the Division of Drinking Water. Contaminant levels will be reviewed on an ongoing three-year basis to look for trends and to help advise water well owners of potential impacts before the well is affected to the point where it is shut down.</p>
		<p>b. Continue discovery efforts for listing new sites on SEMS with a focus on the Ogden City area during FY2019.</p> <p>ACCOMPLISHMENTS: DERR continued its discovery efforts in the Ogden and Salt Lake County areas during FY2019, and will continue to do so during FY2020. Pre-CERCLA worksheets are being submitted to EPA for review to determine if the sites should be listed on SEMS.</p>	
		<p>c. Determine the best ways to address the problems that are identified.</p> <p>ACCOMPLISHMENTS: Solutions are identified on a site-by-site basis and in consultation between DERR and EPA Region 8 staff.</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>ACCOMPLISHMENTS: The UDEQ Mission, Vision and Values were applied during DERR/EPA coordination meetings in the context of shared goals driving project planning and implementation.</p>

**UDEQ GOALS AND OBJECTIVES
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State CERCLA Program**

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>b. Ensure that communications are consistent with the Mission, Vision and Values.</p> <p>ACCOMPLISHMENTS: DERR routinely conducted communications consistent with the UDEQ Mission, Vision and Values, particularly the values of Exceptional Service, Credibility and Trust, and Continuous Improvement.</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>ACCOMPLISHMENTS: DERR and EPA regularly discussed site status and prioritization (including NPL potential), particularly during development of the annual Site Assessment work plan submittal, the annual planning meeting, and monthly coordination calls.</p>
			<p>b. Evaluate potential NPL sites during coordination meetings.</p> <p>ACCOMPLISHMENTS: DERR and EPA discussed site status and prioritization (including NPL potential) during the annual Site Assessment planning meeting on October 24, 2019.</p>
	<p>Assess and Cleanup Brownfields; Clean up Contaminated Land</p>	<p>V. Encourage redevelopment of Superfund and Brownfields sites in Utah.</p>	<p>a. Implement the EPA-approved State Response Program Work Plan. (It is important to note that the work plan was approved by EPA Brownfields staff in early calendar year 2018 and still references compliance with the EPA Goals and Objectives from the previous Strategic Plan. The State Response Program Work Plan will be updated as necessary to reflect new EPA Goals and</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>Objectives upon request by EPA Brownfields staff.) Key tasks in the work plan include encouraging communities in Utah to participate in the Brownfields program; conducting, 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>ACCOMPLISHMENTS: DERR complied with the EPA-approved State Response Program Workplan. DERR conducted outreach directly to local governments and non-profits in order to inform them of resources and services available to assist with Brownfields assessment, cleanup and redevelopment. This included communities such as Cedar City, Carbon County, Orem City and Salt Lake County. DERR assisted EPA with Targeted Brownfields Assessments at the Rail Purchase Property in Cedar City and the former Henrie’s Drycleaner in downtown Salt Lake City. DERR provided technical assistance to various stakeholders such as UDOT during expansion of selected portions of 5600 West in Salt Lake City and US 40 in Wasatch County, and Provo City, Salt Lake County, Uintah Basin Association of Governments, Orem City and Carbon County with implementation of their respective EPA</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>Brownfields grants. DERR also conducted pre-application meetings to inform parties of the Voluntary Cleanup Program (VCP) and Enforceable Written Assurance (EWA) process, which led to additional State Response Program applications. DERR continued to maintain a complete public record, with project information and data available over the internet through the EZ Search and Interactive Map and a hard copy file.</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>ACCOMPLISHMENTS: DERR participated in quarterly Region 8 Brownfields team calls. DERR personnel helped plan and attended a Region 8 Brownfields Training Workshop.</p> <p>c. Issue Certificates of Completion under the VCP.</p> <p>ACCOMPLISHMENTS: DERR issued Certificates of Completion for the Alta Gateway, Centro Civico Mexicano, Granton Square and Dalton's Edge VCP sites.</p> <p>d. Issue Enforceable Written Assurances to qualified applicants. ACCOMPLISHMENTS: DERR issued 12 EWAs. DERR also worked with EPA to issue Reasonable Steps letters on projects such as Lonestar and Daybreak North Campus Station.</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>e. Coordinate with EPA on Ready for Reuse Determinations for Superfund sites.</p> <p>ACCOMPLISHMENTS: DERR coordinated with EPA on redevelopment issues including participating in the site deletions for Eureka Mills and Davenport & Flagstaff Smelters sites during FY2019.</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>ACCOMPLISHMENTS: DERR continued to receive funding under the Superfund Block Cooperative Agreement for Management Assistance, Superfund Core and Site Assessment Activities. Cooperative agreement applications for State-lead Superfund projects were submitted, as needed, to support site-specific activities. DERR also submitted a request for State Response Program funding. Reports were submitted to EPA relative to cooperative agreement funding.</p>
			<p>b. Continue to develop and enhance the Utah Voluntary Cleanup Program and other State Response Programs.</p> <p>ACCOMPLISHMENTS: DERR continued to develop and enhance the VCP and other components of its State Response Program using Section 128(a) funding. All activities were consistent with the State Response Program Workplan and documented in semi-annual reports submitted to EPA. This included updates</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>to the All Appropriate Inquiries and EWA checklists and the EWA application. Public comment periods were initiated for proposed cleanup plans on projects such as Mayflower Mine and Dalton's Edge. DERR continued to review documents, conduct site visits and oversee cleanup efforts at Mayflower Mine, Kings Auto and Dalton's Edge among others. In addition, redevelopment was initiated or completed at sites (such as Centro Civico Housing Development and Granton Square) as a result of various DERR Brownfields tools.</p> <p>c. Jointly develop and work to achieve the FY2019 planned Superfund remedial accomplishments.</p> <p>ACCOMPLISHMENTS: DERR and EPA Region 8 worked closely to achieve the planned accomplishments for FY 2019.</p>

GOALS AND OBJECTIVES

DIVISION OF WASTE MANAGEMENT AND RADIATION CONTROL

END OF YEAR REPORT FFY19

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 and Accomplishments
GOAL 4: Ensuring the Safety of Chemicals and Preventing Pollution.	Objective 4.2: Promote Pollution Prevention.	By 2019, reduce 600 million pounds of hazardous materials cumulatively through pollution prevention.	Waste Minimization – Implement and support waste minimization and pollution prevention. a. Identify and evaluate supplemental environmental projects that are a part of a compliance action to determine their contribution to waste minimization and pollution prevention. Supplemental environmental projects contributing to waste minimization/pollution prevention will be reported to EPA. <ul style="list-style-type: none"> i. Conduct on-site visits to VSQG and SQGs to provide updated information on waste minimization programs and opportunities as well as compliance assistance. <p>ACCOMPLISHMENTS: Conducted 12 Compliance Assistance visits.</p>
			b. Continue Division pollution prevention policy implementation. Provide pollution prevention information and technical assistance to businesses that generate hazardous waste. Promote recycling of Hazardous Secondary Materials. <p>ACCOMPLISHMENTS: The Hazardous Waste and Used Oil Section gave 31 educational outreach presentations to businesses and schools. The Division continues its commitment to promote pollution prevention.</p>
			c. Continue working with EPA hazardous waste minimization programs to assure that P2 resources are appropriate to meet common goals. EPA and the Division will look for opportunities to publicize how state actions support national goals.

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EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>Review, comment on, and utilize state hazardous waste generation profiles prepared by EPA to increase waste minimization and P2 efforts and successes and to meet other specific state needs. Identify opportunities to link waste minimization efforts to reductions in EPA's priority chemicals in RCRA waste streams generated within the state.</p> <p>ACCOMPLISHMENTS: The Division continues to work with EPA on pollution prevention measures.</p> <p>d. Administer an effective used oil recycling program.</p> <ul style="list-style-type: none"> i. Track and evaluate the amount of used oil collected for recycling, particularly used oil collected from Do-it-yourselfers (DIYers). ii. Review and process semi-annual DIYer reimbursements within established timeframes. iii. Support and help to maintain a sufficient number DIYer collection centers to make it convenient for the public to recycle their used oil. iv. Provide current listing of collection centers via the Division Web site. v. Document the number of new collection centers established during the fiscal year. vi. Maintain an effective Used Oil Block Grant Program to promote the recycling of used oil. Document the amount of funds awarded. <p>ACCOMPLISHMENTS:</p> <ul style="list-style-type: none"> i. The Used Oil section tracks used oil collection through our DIYer UOCC log sheets and with our Used Oil Transporters. ii. The Division continues to review and reimburse our DIYer collection centers. The reimbursement rate was recently increased from 16 cents per gallon

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EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>to 25 cents per gallon.</p> <p>iii. There are over 425 UOCCs throughout Utah. The Division supplies equipment such as tanks and stairs.</p> <p>iv. The Division maintains a current list of UOCCs throughout the state on the Division website.</p> <p>v. The Division added 17 new UOCCs to the program.</p> <p>vi. The Division has maintained an effective Block Grant program. The Division recently updated the rules for the Block Grant program to include rural area transportation costs for UOCCs. The Division awarded \$1897.73 in Block Grants.</p> <p>The Division also amended the Used Oil Rules to allow reimbursements to coincide with collection of log sheets by the local health departments.</p>
<p>GOAL 3: Cleaning up Communities and Advancing Sustainable Development</p>	<p>Objective 3.2: Preserve Land. Conserve resources and prevent land contamination by reducing waste generation, increasing recycling, and ensuring proper management of waste and petroleum products.</p>	<p>Minimize Releases of Hazardous Waste and Petroleum Products</p>	<p>Permits, Closure, and Post-Closure-</p> <p>a. Maintain effective hazardous waste permitting and closure/post closure programs.</p> <p>ACCOMPLISHMENTS: The Division maintains an effective hazardous waste permitting program. The Division completed the following:</p> <ol style="list-style-type: none"> 1. Renewed Permits for ATK Promontory Treatment and Storage and ATK Bacchus Plant 1 Storage. 2. One Class 3 Permit Modification approved. 3. Four Class 2 Permit Modifications approved. 4. Sixteen Class 1 Permit Modifications approved. 5. Four Temporary Authorizations approved. 6. Eighteen Emergency Permits issued.

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EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>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.</p> <p>ACCOMPLISHMENTS: Information on the hazardous waste universe and status of hazardous waste facilities subject to closure requirements, post-closure permits, and operating permits are entered into RCRAInfo by the 20th of the month following an activity.</p> <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>ACCOMPLISHMENTS: The ATK Bacchus Plant 1 Storage Permit Units ES-1, Resthouse 1 and Segment Storage were verified closed on 9/25/19.</p>

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EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>d. Ensure permit modifications are entered and tracked in RCRAInfo.</p> <p>ACCOMPLISHMENTS: Hazardous Waste Permit Renewals are tracked in RCRAInfo.</p>
<p>GOAL 3: Cleaning up Communities and Advancing Sustainable Development.</p>	<p>Objective 3.3: Restore Land. Prepare for and respond to accidental or intentional releases of contaminants and clean up and restore polluted sites for reuse.</p>	<p>Corrective Action-</p>	<p>a. Maintain effective hazardous waste corrective action program, including stabilization of environmental releases and cleanup of contaminated waste sites.</p> <p>ACCOMPLISHMENTS: The Division maintains an effective hazardous waste corrective action program which is reflected in the numerous achievements for FY19.</p> <p>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</p> <p>ACCOMPLISHMENTS: The Division entered the required information into RCRAInfo as required.</p> <p>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</p>

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EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>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 (CA999/RE).</p> <p>ACCOMPLISHMENTS: Specific details on Corrective Action accomplishments are provided below after the Commitments Table.</p> <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>ACCOMPLISHMENTS: None for FY19.</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>ACCOMPLISHMENTS: The Division works with EPA on evaluating annually and amending, if necessary, the facility-by-facility multi-year plan for corrective action activities.</p>
GOAL 5: Enforcing Environmental Laws.	Objective 5.1 Enforce Environmental Laws.	By 2019, conduct 79,000 federal inspections and evaluations (5-year cumulative).	<p>Compliance and Enforcement- Evaluate compliance status of solid waste, hazardous waste, and used oil handlers</p> <p>a. Update hazardous waste inspection universe and develop inspection schedule for FY 2019 by September 30, 2018. The selected universe and schedule will incorporate, as appropriate, state, regional, and national priorities. The selected</p>

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EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
	<p>Region 8 will continue to support the RCRA Air Emissions and RCRA under-reporter initiatives. EPA will coordinate with UDEQ prior to commencing any activities related to these initiatives.</p>	<p>and facilities and foster an ongoing commitment to compliance and environmental protection through on-site inspections and compliance assistance activities.</p>	<p>schedule will also include 20% of the large quantity generator (LQG) universe as determined and agreed to by the Division and EPA using RCRAInfo as of September 1, 2018. The Region will develop its FY2019 Inspection schedule and submit to the Division by October 30, 2018.</p> <p>ACCOMPLISHMENTS: The Division submitted the inspection schedule for FY 19 on October 17, 2018. The Division received EPA Lead Inspection list on November 26, 2018.</p> <p>b. Complete targeted inspections by September 30, 2019.</p> <p>ACCOMPLISHMENTS: Inspections were completed by September 30, 2019.</p> <p>c. Participate in joint state and federal industry sectors initiatives.</p> <p>ACCOMPLISHMENTS: Division staff accompanied EPA on inspections identified by the federal sector initiatives.</p> <p>d. Continue implementation of the small quantity generator compliance assistance program in FY 2019.</p> <p>ACCOMPLISHMENTS: The Division continues to provide compliance assistance for our hazardous waste generators.</p> <p>e. Provide facility specific compliance and enforcement information through the proper and timely entering of program data into automated data systems (RCRAInfo).</p> <p>ACCOMPLISHMENTS: The Division provided timely information on enforcement actions through RCRAInfo.</p>

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EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>f. Consider economic factors in determining penalties for violations.</p> <p>i. Use EPA economic computer models to assist in evaluation.</p> <p>ii. Use maximum flexibility when negotiating consent agreements to include consideration of financial viability of regulated party.</p> <p>ACCOMPLISHMENTS: Economic factors were evaluated in determining penalties. Where appropriate, economic computer modeling was used.</p> <p>g. 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>ACCOMPLISHMENTS: The Division coordinated with EPA Region 8 for the CERCLA Off-site Rule.</p> <p>h. EPA has identified Financial Assurance through the National Program Management Guidance as a priority for FY 2019. 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> <p>ACCOMPLISHMENTS: The Division coordinated with EPA Region 8 and participates in monthly Financial Assurance conference calls.</p>

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EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>i. Utah will inspect at least 50 % of the active treatment, storage and disposal facilities during FY 2019. ACCOMPLISHMENTS: The Division inspected 50% of the TSDFs.</p> <p>j. Incorporate, as appropriate, environmental justice information in the administration of the hazardous waste program. ACCOMPLISHMENTS: The Division incorporates environmental justice in the hazardous waste program as appropriate.</p>
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 3.2: Preserve Land. Conserve resources and prevent land contamination by reducing waste generation, increasing recycling, and ensuring proper management of waste and petroleum products.	Environmental Justice- The Division recognizes that incorporation of environmental justice into the RCRA regulatory program is a priority for EPA Region 8. Upon request, EPA will provide the Division access to Geographic Information System (GIS) environmental justice tools; provide information to the Division on environmental justice grants; and share information about any available environmental justice resources. The Division may utilize EPA staff and GIS resources, as appropriate, in the implementation of the State hazardous waste program.	<p>a. Incorporate, as appropriate, environmental justice information in the administration of the hazardous waste program. ACCOMPLISHMENTS: The Division incorporates environmental justice in the hazardous waste program as appropriate.</p>
GOAL 3: Cleaning up Communities and Advancing	Objective 3.1: Promote Sustainable and	Promote sustainable communities	State-Based Regulation of Environmental Programs- a. Develop statutory and regulatory authorities to qualify for continued program authorization.

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EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
Sustainable Development.	Livable Communities. Support sustainable, resilient, and livable communities by working with local, state, tribal, and federal partners to promote smart growth, emergency preparedness and recovery planning, Brownfield redevelopment, and the equitable distribution of environmental benefits.		<p>ACCOMPLISHMENTS: The Division is in the process of completing an authorization application to submit to EPA.</p> <p>b. Adopt new hazardous waste, solid waste, and used oil rules promulgated by EPA to maintain regulatory equivalency and program authorization.</p> <p>ACCOMPLISHMENTS: Utah adopted the following rules during FY 19:</p> <ol style="list-style-type: none"> 1. Imports and Exports of Hazardous Waste – effective October 15, 2019 2. Confidentiality Determinations for Hazardous Waste Export and Import Documents – effective October 15, 2019 3. Safe Management of Recalled Airbags – effective April 15, 2019 <p>c. Identify new federal hazardous waste rules which require promulgation and adoption by the Waste Management and Radiation Control Board.</p> <p>ACCOMPLISHMENTS: The Division has identified the following rules that will need to be adopted the Waste Management and Radiation Control Board:</p> <p>Hazardous Waste Electronic Manifest System User Fee Final Rule</p> <p>Management Standards for Hazardous Waste Pharmaceuticals and Amendment to the P075 Listing for Nicotine</p>

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EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
<p>GOAL 3: Cleaning up Communities and Advancing Sustainable Development.</p>	<p>Objective 3.1: Promote Sustainable and Livable Communities. Support sustainable, resilient, and livable communities by working with local, state, tribal, and federal partners to promote smart growth, emergency preparedness and recovery planning, Brownfield redevelopment, and the equitable distribution of environmental benefits.</p>	<p>Promote sustainable communities</p>	<p>Partnership with Federal, State, Local and Tribal Governments-</p> <p>a. The Environmental Services Delivery Plan (ESDP) delineates roles and responsibilities, joint goals and objectives, and establishes accountability between the Division and local health departments and local governments. Effectiveness of the Environmental Service Delivery Plan in developing a state/local partnership, coordinating delivery of services, and obtaining adequate resources will be evaluated.</p> <ul style="list-style-type: none"> i. Work with federal, state, local (including local health departments), and tribal governments and provide information to plan for and manage the environmental impacts of growth. ii. Provide technical and non-technical training to local health departments, industry, local governments, or other groups. iii. Focus on teamwork and partnership in identifying and resolving problems. iv. Address key problems identified by government partners and develop and implement solutions. <p>ACCOMPLISHMENTS: The Division coordinated with federal and local governments as requested. The Division provided training for local health departments. The Division collaborated on key issues.</p> <p>b. Identify key hazardous waste management problems and implement a solution in partnership with local health departments, local government, the Division, and EPA.</p> <p>ACCOMPLISHMENTS: The Division and local health departments identified a key issue and worked together and with EPA to implement a solution.</p>

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EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>c. Maintain positive relationship between the Division and local health departments.</p> <ul style="list-style-type: none"> i. Notify local health departments of any Division activities occurring in their areas of jurisdiction. ii. Ensure directors of local health departments, or their designees, are copied on correspondence related to the Division activities associated with their area of jurisdiction. iii. Meet with each local health department at least annually. <p>ACCOMPLISHMENTS: Notifications are made to the local health departments of upcoming inspections. Local health departments are copied on correspondence and the Division meets with local health departments regularly to discuss activities and issues.</p> <p>d. Inform local governments concerning the Division programs and activities in order to be able to comply with appropriate regulations and plan for future needs.</p> <ul style="list-style-type: none"> i. Participate, when invited, with local government organizations, at regular seminars and training meetings, as well as respond to individual requests for information. ii. Solicit input from local governments regarding proposed rules which could impact their areas of jurisdiction. <p>ACCOMPLISHMENTS: The Division notifies the local health departments of upcoming inspections. The Division meets with local health departments to discuss activities and issues with the programs.</p>

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EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<ul style="list-style-type: none"> e. Enhance the State/EPA partnership to ensure the management of a quality hazardous waste program. <ul style="list-style-type: none"> i. Maintain the MOA, the enforcement agreement, quality assurance plan for environmental data collection, and other operating guidance. 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. 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 and targets for joint efforts and work sharing. iv. Maintain frequent and open communication on routine matters, 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. 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.

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EPA Strategic Goal and Objective	EPA Strategic Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			<p>ACCOMPLISHMENTS: The Division works closely with EPA attending training courses and workgroups with upcoming regulations. Division staff attends webinars and training courses provided by EPA, RIN, Western States and ASTWSMO in partnership with EPA.</p>

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FY 2019 Hazardous Waste Program Commitments for Utah		
Event	FY 2019	
	Committed	Achieved
Closure Activities (Unit Level)		
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	3
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
Permit Activities at GPRA Universe Facilities (Facility Level)		
Permitted Facilities under Approved Controls	0	0
Permit Renewals due*	2	2
Permit Activities Totals	0	0
Permit Activities for GPRA Universe Facilities (Unit Level)		
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
Corrective Action Activities at GPRA Universe Facilities (Facility Level)		
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) (GPRA measure)	0	0
Human Health Exposures Controlled Determination (CA725) (GPRA measure)	0	0
Groundwater Migration Controlled Determination (CA750) (GPRA measure)	0	1
Facility level RAU (CA800)(GPRA measure)		

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CA Performance Standards Attained/CA Process Terminated (CA900/CA999) (GPRA Measure)	0	0
Corrective Action Activities at GPRA Universe Facilities (Area Level)		
RFI Imposed (CA100) (area level)	0	0
RFI Approved (CA200) (area level)	1	67
Remedy Selection (CA400) (area level)	2	25
Construction Completion (CA550) (area level)	4	36
Corrections completed (CA900CR) (area level)	0	9
Corrective Action Completed (CA999) (area level)	4	26

***Permit Renewals Due this Strategic Period
(FY18-FY22)**

Permit Renewals

ATK Bacchus Plant 1 Storage Permit - Expires 9/30/18, Renewed 9/25/19.
British Petroleum PC Permit – Expired 10/28/17. Not completed.

Unplanned Permit Renewal

ATK Promontory Treatment and Storage Permit – Expires 9/30/18, Renewed 9/26/19.

Unplanned Closure Verification (CL380) for TSUs

ATK Bacchus Plant 1 Storage Permit Units ES-1, Resthouse 1 and Segment Storage. *Closure verification on 9/25/19.*

Groundwater Migration Controlled Determination (CA750) (GPRA measure)

Ninigret Technologies Park (former Engelhard facility). *Yes determination on 5/8/19.*

Corrective Action Activities (Area Level)

RFI Report Approval (CA200) for Group 7 SWMU BP-2 at ATK Bacchus. *Should have been identified as BP-4. NFA approved 9/13/18, in FY 18.*

Remedy Selection (CA400) for SWMUs 1 and 25 at Tooele Army Depot – South. *Pushed to FY20.*

CMI Work Plan Approval (CA500) for SWMU 26 at Tooele Army Depot. *Approved on May 24, 2019.*

CMI Construction Complete (CA550) for three Group 5 SWMUs (S-13, S-14 and S-16) at ATK Bacchus. *Report approved November 1, 2018.*

CMI Construction Complete (CA550) for Group 10 SWMU SP-32 at ATK Bacchus. *Report approved November 5, 2018.*

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Corrective Action Completed (CA999) for three Group 5 SWMUs (S-13, S-14 and S-16) at ATK Bacchus. *CA900 approved on November 1, 2018. Unrestricted soil use, groundwater monitoring required.*

Corrective Action Completed (CA999) for Group 10 SWMU SP-32 at ATK Bacchus. *NFA approved on October 5, 2018.*

Unplanned Corrective Action Activities Accomplishments (Area Level)

ATK Launch Systems – Bacchus and NIROP

RFI Work Plan Approval (CA150) for Group 6 SWMUs 9A and 9B and Group 8 SS-2. *Approved on May 22, 2019.*

ATK Launch Systems – Promontory

RFI Report Approval (CA200) for five SWMUs at ATK Promontory (280, 609, 658, 659 and 660). *Report approved December 5, 2018.*

RFI Report Approval (CA200) for four SWMUs at ATK Promontory (234, 254, 527 and 615). *Approved on December 28, 2018.*

RFI Report Approval (CA200) for two SWMUs at ATK Promontory (285 and 620). *Approved on February 11, 2019.*

RFI Report Approval (CA200) for 14 SWMUs at ATK Promontory (195, 451, 465, 483, 560, 621, 625, 626, 627, 628, 630, 631, 632, 673). *Approved on March 22, 2019.*

Remedy Selection (CA400) for five SWMUs at ATK Promontory (280, 609, 658, 659 and 660). *Remedy Selection approved December 5, 2018.*

Remedy Selection (CA400) for four SWMUs at ATK Promontory (234, 254, 527 and 615). *Remedy Selection approved December 28, 2018.*

Remedy Selection (CA400) for two SWMUs at ATK Promontory (285 and 620). *Approved on February 11, 2019.*

Remedy Selection (CA400) for 14 SWMUs at ATK Promontory (195, 451, 465, 483, 560, 621, 625, 626, 627, 628, 630, 631, 632, 673). *Remedy Selection approved March 22, 2019.*

CMI Construction Complete (CA550) for five SWMUs at ATK Promontory (280, 609, 658, 659 and 660). *Report approved December 5, 2018.*

CMI Construction Complete (CA550) for four SWMUs at ATK Promontory (234, 254, 527 and 615). *Report approved December 28, 2018.*

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CMI Construction Complete (CA550) for two SWMUs at ATK Promontory (285 and 620).
Report approved on February 11, 2019.

CMI Construction Complete (CA550) for 14 SWMUs at ATK Promontory (195, 451, 465, 483, 560, 621, 625, 626, 627, 628, 630, 631, 632, 673). *Report approved March 22, 2019.*

Corrective Action Completed (CA999) for five SWMUs at ATK Promontory (280, 609, 658, 659 and 660). *NFA approved December 5, 2018.*

Corrective Action Completed (CA999) for four SWMUs at ATK Promontory (234, 254, 527 and 615). *NFA approved December 28, 2018.*

Corrective Action Completed (CA999) for two SWMUs at ATK Promontory (285 and 620).
Approved on February 11, 2019.

Corrective Action Completed (CA999) for 14 SWMUs at ATK Promontory (195, 451, 465, 483, 560, 621, 625, 626, 627, 628, 630, 631, 632, 673). *NFA approved March 22, 2019.*

Big West Oil (Flying J Refinery)

RFI Report Approval (CA200) for 29 SWMUs at Big West Oil (1, 2, 3, 4, 5, 6, 7, 8, 13, 15, 17, 19, 20, 21, 22, 23, 24, 26, 29, 31, 33, 34, 35, 37, 39, 40, 41, AOC 1, AOC 2). *Report approved December 17, 2018.*

TEADS

RFI Phase II Report Approval (CA200) for 13 AOCs at Tooele Army Depot – South (2, 3, 5, 6, 7, 8, 9, 10, 11, 15, 23, 24 and 27). *Report approved on February 20, 2019.*

CMI Construction Complete (CA550) for SWMU 13. *Approved on May 14, 2018.*

Corrective Action Performance Standards Attained (CA900CR) for SWMU 13. *Approved on May 14, 2018.*

Western Zirconium

CMI Construction Complete (CA550) for SWMUs 10, 20, 26, 27 and 60. *Approved on December 7, 2018.*

Corrective Action Performance Standards Attained (CA900CR) for SWMUs 10, 20, 26, 27 and 60. *Approved on December 7, 2018.*

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
<p>EPA Goal 1 - Core Mission: Deliver real results to provide Americans with clean air, land, and water, and ensure chemical safety.</p> <p>EPA Objective 1.2 – 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>DWQ GOAL: 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>UPDES PROGRAM</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> <p>a. are covered by a current UPDES permit</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>ACCOMPLISHMENTS: 122 Individual permits and 4 stand-alone Biosolids permits (Note that most Biosolids permits are not included herein, as they are combined with their respective Individual Municipal POTW permits).</p> <p>b. have expired individual permits</p> <p>ACCOMPLISHMENTS: As of 12/03/2019, there were 13 expired individual permits and 4 Biosolids permits that are expired due to the expiration of the corresponding POTW permit.</p> <p>c. have applied for, but have not yet been issued an individual permit</p> <p>ACCOMPLISHMENTS: There are three (3) facilities that have applied for individual permits, and these permits have not yet been issued as of 12/03/2019.</p> <p>d. have individual permits under administrative or judicial appeal</p> <p>ACCOMPLISHMENTS: Currently there are zero (0) facilities that are under administrative appeal.</p>
	2. Priority Permits	<p>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.</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>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.</p> <p>ACCOMPLISHMENTS: Item a completed and item b ongoing. Based upon our entire permit universe, our number of backlogged permits is 4.7% as of 12/03/2019.</p>
	3. Whole Effluent Toxicity (WET)	<p>a. Assure proper implementation of WET requirements in UPDES permits.</p> <p>ACCOMPLISHMENTS: Completed and ongoing.</p>
	4. Reasonable Potential Process	<p>a. Utah will continue to implement the process/procedures for RP consistent with 40 CFR 122.44(d).</p> <p>ACCOMPLISHMENTS: Completed and ongoing.</p>
	5. Stormwater	<p>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.).</p> <p>b. Include EPA in the review process prior to issuing general permits for storm water</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>discharges.</p> <p>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) 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> <p>ACCOMPLISHMENTS: Completed and Ongoing</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"> i. The number of significant industrial users (SIUs) that discharge to POTWs with approved Pretreatment Programs; ii. The number of significant industrial users (SIUs) that discharge to POTWs with approved Pretreatment Programs that have adequate control mechanisms implementing applicable

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>pretreatment standards and requirements (95% coverage is the Regional commitment);</p> <p>iii. The number of categorical industrial users (CIUs) that have adequate control mechanisms implementing applicable pretreatment standards and requirements in approved pretreatment programs.</p> <p>ACCOMPLISHMENTS: Item a, of the 19 pretreatment programs, 13, or 68%, have implemented streamlining requirements. The remaining 6 programs, or 32%, are working to incorporate the streamlining requirements into their legal authority.</p> <p>Items b and c, DWQ is aware of 14 CIUs in non-approved pretreatment program areas. Of the 14 CIUs, one is permitted by DWQ and seven do not discharge to the POTW. Permit applications are being required to be submitted for all discharging CIUs which are not permitted. The 12 of the 14 CIUs were inspected in 2019. Currently the DWQ is investigating the potential for additional CIUs in non-approved pretreatment areas.</p> <p>The following information for item c is based on information gathered from the annual pretreatment report. Item c.i., there are 287 SIUs in approved pretreatment programs which includes zero discharging SIUs that are permitted by the approved pretreatment program. Item c.ii., 100% of SIUs that are</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>required to have a permit are permitted. Item c.iii., there are 177 CIUs that have adequate control mechanisms.</p>
	<p>7. Sewage Sludge (Biosolids)</p>	<p>Promote the beneficial use of biosolids and implement biosolids regulations.</p> <ul style="list-style-type: none"> a. Provide the number of UPDES permits that contain biosolids language annually. b. Provide the total number of Biosolids permits. c. Maintain data in the ICIS database. d. Reissue all biosolids permits which will expire in FY2019 and transition into consolidated permits as needed. 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. <p>ACCOMPLISHMENTS: Item a, 100%, of individual UPDES permits for mechanical wastewater treatment plants include biosolids permit requirements (42 permits total). Items b and c, completed and ongoing. Item d, report was transmitted to EPA separately on 12/04/19.</p>
	<p>8. Concentrated Animal Feeding Operations (CAFOs) (ongoing)</p>	<ul style="list-style-type: none"> a. Continue to implement “Utah’s Strategy To Address Pollution From Animal Feeding Operations.” <ul style="list-style-type: none"> i. For all permitted CAFOs, if available, enter permit facility data, and permit event data into ICIS.

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		<ul style="list-style-type: none"> ii. Inform EPA of animal feeding operations that are impacting water quality annually. 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. iv. EPA will provide CAFO rule development updates, to keep DWQ informed. <ul style="list-style-type: none"> b. Maintain an inventory of all permitted CAFOs during FY2019. Provide the inventory to the EPA upon request. c. Continue to implement the EPA 2012 CAFO rules in Utah within FY 2019. d. After rule revision and issuance of the next CAFO permit, Nutrient Management Plans for permitted CAFOs once approved, shall be tracked in ICIS. <p>ACCOMPLISHMENTS: Completed and Ongoing</p>
	<p>9. Utah Sewer Management Program (USMP)</p>	<p>Continue to implement a comprehensive state-wide permit program for the planning, operation and maintenance of all public wastewater sewer collection systems.</p> <p>ACCOMPLISHMENTS: The DWQ is continuing to implement the USMP. The general permit for sewer collection systems was renewed and became effective on December 1, 2017.</p>

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		<p>This was the first year that the required annual report was submitted through an online survey format in conjunction with the Municipal Wastewater Planning Program (MWPP) report.</p>
<p>EPA Objective 1.2 – 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 style="text-align: center;">UPDES ICIS Data</p> <p>1. ICIS Data Management</p> <p>Ensure maintenance of information management systems sufficient to plan, track, assess, and make adjustments to program activities.</p> <ol style="list-style-type: none"> 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 40CFR 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 <p>ACCOMPLISHMENTS: DWQ modified an FTE</p>	

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	<p>to an environmental scientist and hired a new data steward for ICIS during this past year. This position oversees the data entry, quality assurance and training for ICIS data.</p> <p>Efforts to review UPDES permits to ensure permits in ICIS reflect the current statuses of the permit universe. Individual UPDES permits have the highest priority, in addition to permits that will be migrated to the EPA NeT application which include: Construction General Permits, Low Erosivity Waivers, Multi-Sector General Permits, No Exposure Certifications, No Discharge Certifications, Aquaculture, AAFO/CAFOs, Construction Dewatering and Hydrostatic Testing, Drinking Water, and Application of Pesticides.</p> <p>Data entry for SEVs and enforcement actions have been streamlined and are entered by the data steward for the UPDES Program since July.</p> <p>To improve accuracy and turn-around time for inspections data, staff scientists, who are also UPDES permit writers, attended EPA ICIS training with a focus on inspections in May. Inspections data entry is now performed by the scientist who inspects a facility instead of an environmental program coordinator. The data steward acts as the key contact person with EPA ICIS support staff to resolve data entry issues and provide internal</p>

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		<p>documentation to staff entering inspections.</p> <p>This has resulted in an average turn-around time between inspection and date entered into ICIS as 28 days. Prior to staff scientists entering their own inspections the average time between inspection and date entered into ICIS was 34 days. The deadline between inspection date and date entered into ICIS is 40 days.</p> <p>The environmental coordinator position focused on the netDMR program including reaching out to facilities to offer assistance to setup and/or resolve issues with their netDMR accounts.</p>
<p>EPA Objective 1.2 – 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>UPDES Compliance Evaluations & Inspections</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>ACCOMPLISHMENTS: Completed and ongoing with EPA.</p>
	<p>2. Annual State / EPA UPDES Compliance Inspection Plan</p>	<p>a. Coordinate inspection activities among programs and between the State and USEPA.</p>

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		<p>Incorporate targeted USEPA national and regional priority sectors, 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> <ul style="list-style-type: none"> 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. 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: <ul style="list-style-type: none"> i. The overall approach proposed, including the rationale for any deviations and tradeoffs; 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).

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	<ul style="list-style-type: none"> d. DWQ will submit a draft Inspection Plan for FY2019 to EPA by August 1, 2018. DWQ will review and submit the final Inspection Plan to EPA by September 15, 2018 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, 2018. e. EPA may determine the number of inspections conducted at end of year (September 30, 2018) 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, 2019, but which do not appear in ICIS by November 10, 2019, will not be counted in the end of year numbers. f. EPA Region 8 may conduct up to 6 oversight inspections with DWQ in FY2019. 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. 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

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		<p>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.</p> <p>h. During FY2019, 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.</p> <p>ACCOMPLISHMENTS: Completed and ongoing with EPA for items a thru h above.</p>
	3. Storm Water	<p>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.</p> <p>b. Encourage DWQ staff, District Engineers and municipal and county staff to assist with inspections as allowed by time and resource constraints.</p> <p>ACCOMPLISHMENTS: Completed and Ongoing</p>
EPA Objective 1.2 – 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	UPDES ENFORCEMENT	
	1. QNCR and ANCR	<p>a. During quarterly conference calls between EPA and DWQ, enforcement discussions will include the Quarterly Noncompliance Report</p>

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recreational, economic, and subsistence activities.		<p>for major facilities, Annual Noncompliance Report for minor facilities, and current and projected enforcement cases to address concerns early in the process</p> <p>ACCOMPLISHMENTS: Completed and ongoing.</p>
	2. DWQ Enforcement	<p>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.</p> <p>b. DWQ will take timely and appropriate enforcement against facilities in Significant Non-compliance.</p> <p>c. DWQ will incorporate approved compliance schedules and deadlines into enforcement actions such that these schedules and deadlines are enforceable under the NOV/Order.</p> <p>d. As State resources allow, DWQ will work with EPA Region 8 to implement the National Wet Weather SNC Policy.</p> <p>e. Utah may submit an updated draft Enforcement Management System. EPA Region 8 will provide timely comments within 45 days of any submittal.</p> <p>f. DWQ will submit to EPA appropriate enforcement documents (NOVs/Orders, settlement agreements, etc.) upon request.</p> <p>g. A list of all completed enforcement actions including the name of the facility, type of action, penalty amount (if any), and type of</p>

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		<p>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.</p> <p>ACCOMPLISHMENTS: Completed and ongoing for a thru g above. List requested in item g was sent to EPA in a separate transmittal on 12/04/19.</p>
	3. Whole Effluent Toxicity (WET)	<p>Assure proper and consistent enforcement of WET requirements in UPDES permits.</p> <p>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 Toxicity," and any subsequent revisions.</p> <p>b. DWQ will submit as part of their FY2018 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 FY2019, and a list of any formal enforcement actions which included WET violations.</p>

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		<p>ACCOMPLISHMENTS: Item a is completed and ongoing. For item b, the requested list of facilities which are required to have WET limits/monitoring was sent to EPA under a separate transmittal on 12/04/19. No formal enforcement actions taken in FY19 included WET violations.</p>
<p>EPA Objective 1.2 – 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>ACCOMPLISHMENTS: Completed and Ongoing</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>ACCOMPLISHMENTS: EPA lead.</p>

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	TMDL WATERSHED	
	<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 prioritization strategy, efforts to address the other 303(d) Vision goals, and progress in developing FY19 TMDLs and TMDL alternatives.</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 commitment for FY 2019 is 66% based on the submission of the Fremont River TMDL for <i>E. coli</i> and Provo River watershed TMDLs for Zinc, Arsenic, and <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>ACCOMPLISHMENTS: a. E. coli TMDLs are being developed for the Fremont River-3 and Provo River-4 and are scheduled for completion in 2020. b. TMDLs scheduled for completion by 2022 are currently in development for the following waterbodies: Phase 2 Jordan River Dissolved Oxygen and Jordan River watershed wide E. coli TMDL</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</p>

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		<p>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>ACCOMPLISHMENTS: Utah’s prioritization strategy was finalized on November 23, 2016 after it was presented in multiple public forums for review and input. See the final document at https://deq.utah.gov/legacy/programs/water-quality/watersheds/docs/2016/303d-list-for%20tmdl-development.pdf</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>ACCOMPLISHMENTS: TMDL implementation tracking is ongoing by DWQ TMDL coordinators. Information on implementation activities documented in annual progress reports are provided from several sources including 319 funded Local Watershed Coordinators, partner agencies such as the Utah Department of Natural Resources, Utah Department of Agriculture and Food, and NRCS’ EQIP funding.</p> <hr/> <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>ACCOMPLISHMENTS: Contract tracking is ongoing. A contract database is maintained to ensure sufficient funding is available to complete required work.</p>	

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	<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>ACCOMPLISHMENTS: DWQ is actively implementing the watershed approach throughout the State in support of TMDL implementation and development activities. Focus areas for TMDL implementation in 2019 took place in the Weber River, Bear River, Jordan River, Provo River and Lower Sevier River Watersheds. The targeted basin for 2019 was the Uinta Basin Watershed. Current focus areas for TMDL development include the Fremont River and Provo River 4 - Spring Creek E. coli TMDLs.</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>	<ul style="list-style-type: none"> a. Conduct a comprehensive NPS program review preceding the update of the NPS Management Plan every five years beginning 2018. b. Update GRTS annually by entering annual progress report information according to December 31st deadlines. c. Submit NPS Annual Report by January 31 of each year. 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. 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. f. Implement best management practices appropriately and effectively and achieve natural resource improvements for 319 NPS

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		<p>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.</p> <p>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-2019 is 1 watershed.</p> <p>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.</p> <p>i. Report the number of priority watershed coordinator positions developed and functioning according to DWQ contract work plans.</p> <p>ACCOMPLISHMENTS:</p> <p>a. The State of Utah Nonpoint Source Management Plan was submitted and approved by EPA Region 8 in May, 2019.</p> <p>b. Annual reports for all open Section 319 grants were uploaded to GRTS on December 31, 2019</p> <p>c. The Nonpoint Source Programmatic Annual Report is under internal review and will be submitted to EPA by December 31.</p> <p>d. This task is ongoing and on schedule. Highlights from The State of Utah Nonpoint Source Annual report have been included in</p>

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		<p>Utah DEQ's State of the Environmental Report provided to local and state policy makers.</p> <p>d. This task is ongoing. Quarterly Task Force meetings held in 2019, included meetings on September 11th, 2018, December 6th, 2018, February 28th, 2019, and June 27th, 2019. DWQ representation was present at each State Technical Advisory Committee meeting and Conservation Commission meeting, including several presentations on Utah's NPS and TMDL programs.</p> <p>e. Closure of the FY-2014 319 grants is completed. The FY-2015 grant is near completion, and is scheduled to be closed out by the end of the FY-2020.</p> <p>f. This task is ongoing. Information is included in project final reports, in annual project evaluation reports, reported in the GRTS database and summarized in the NPS Program Annual Report.</p> <p>g. A WQ10 success story was submitted for the Main Creek Watershed which showed a significant decrease in water temperature as a result of restoration, resulting in a delisting of the waterbody for temperature.</p> <p>h. NWQI watersheds for FY-2019 were the Hillsdale watershed near Panguitch, Utah, and the Elkhorn and Fish Creek watersheds in the Chalk Creek watershed. In FY-2019, 45 Conservation Steward Program contracts were focused on improving water quality, as well as 206 Environmental Quality Incentive Program contracts. The total number of acres treated by these two programs is 120,234</p> <p>i. Six local watershed coordinator positions are supported through contracts with DWQ.</p>

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		<p>Full-time Watershed Coordinator positions funded by DWQ and overseen by the Utah Department of Agriculture and Food are located in the Bear River, Weber River, Upper and Lower Sevier River and Provo River watersheds. The Southeast Colorado coordinator position is funded as a part time / work share position in cooperation with local sponsoring agencies.</p>
<p>GROUND WATER PROTECTION</p> <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"> a. One annual midyear review of Utah 1422 UIC Program. b. Technical training, as appropriate and as funds allow. 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 		
<p>EPA Goal 1 - Core Mission: Deliver real results to Provide Americans with clean air, land, and water, and ensure chemical safety.</p> <p>Objective 1.2 - Provide for Clean and Safe Water Protecting underground sources of drinking water by providing for the safe injection of fluids</p>	<ol style="list-style-type: none"> 1. Maintain an effective 1422 Underground Injection Control Program per agreement with the EPA 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: 	<p>ACCOMPLISHMENTS: Complete and ongoing.</p> <ol style="list-style-type: none"> a. Evaluate the core program effectiveness as reported in the UIC Program narrative included in the EOY Report. b. Enforce the 1999 Class V Rule regarding motor vehicle waste disposal

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<p>underground for storage, disposal, enhanced recovery of oil and gas, or minerals recovery.</p>		<p>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 reporting to the Inventory and Measures Reporting Site (IMRS) for the Program Activity Measures (PAMs).</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> <p>i. The reporting requirements for this metric shall be fulfilled by the biannual submittal of 7520 forms to EPA Region VIII and reporting to the Inventory and Measures Reporting Site (IMRS) for the Program Activity Measures (PAMs)</p> <p>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,</p>

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		<p>thereby reducing the potential to endanger USDWs. The reporting requirement for this metric shall be fulfilled by the biannual submittal of 7520 forms to EPA Region VIII and reporting to the Inventory and Measures Reporting Site (IMRS) for the Program Activity Measures (PAMs)</p> <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 biannual submittal of biannual narratives to EPA Region VIII and reporting to the Inventory and Measures Reporting Site (IMRS) for the Program Activity Measures (PAMs) * 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</p>

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		<p>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>ACCOMPLISHMENTS:</p> <p>a. Completed and submitted the UIC EOY Program Summary to the UIC Data Application on 10/3/2019.</p> <p>b. Activities regarding MVWD wells are described in the UIC EOY Program Summary; metrics associated with MVWD wells were submitted to the UIC Data Application on 10/3/2019. All reporting requirements are met by biannual submittals to the UIC Data Application.</p> <p>c. There are no Class I injection wells in Utah.</p> <p>d. Metrics associated with MVWD and LCC wells were submitted to the UIC Data Application on 10/3/2019. All reporting requirements are met by biannual submittals to the UIC Data Application.</p> <p>e. Completed</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 narrative included in</p>

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		<p>the EOY Report)</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 outreach activities intended to inform the public and the regulated community about UIC Program requirements. (Reported in the UIC Program narrative included in the EOY Report).</p> <p>ACCOMPLISHMENTS:</p> <p>a. Descriptions of outreach activities were detailed in the UIC EOY Program Summary submitted on 10/3/2019.</p>
<p>EPA Goal 3 - Rule of Law and Process</p> <p>Objective 3.4 - Streamline and Modernize</p>	<p>4. Reporting of 7520s and Biannual Program Narratives.</p>	<p>a. Utah DWQ currently maintains the 1422 UIC Program's geodatabase which is queried biannually to provide the data necessary to complete the 7520 forms. 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>ACCOMPLISHMENTS:</p> <p>a. Completed</p>

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	<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.</p> <p>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>ACCOMPLISHMENTS: Completed</p>
STANDARDS AND TECHNICAL SERVICES		
<p>EPA Objective 1.2 – 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>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 recommendations.</p> <p>b. Continue to collaborate with the water quality standards workgroup(s) of stakeholders and partners on continued water quality standards revisions.</p> <p>c. Develop and publicize a plan for implementing tissue-based criteria (i.e., revised selenium criteria adopted).</p> <p>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</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>implementation guidance for conducting mussel surveys.</p> <p>e. Develop guidance for the utilization of variances with UPDES and other permitting programs consistent with the EPA's 2015 Water Quality Standards revisions. Determine if Utah's water quality standards should be modified to included variance policies and procedures.</p> <p>ACCOMPLISHMENTS:</p> <p>a. Utah's water quality standards were revised and approved by EPA. Revisions included adding the Class 1C domestic water use to a segment, a site-specific total dissolved criterion was adopted, and updates to the human health criteria in accordance with current Section 304(a) recommendations were completed. Sampling to support the development of aquatic life use criteria for Farmington Bay, Great Salt Lake was initiated and anticipated to be completed in 2020.</p> <p>b. The water quality standards workgroup was convened twice to discuss and develop standards revisions. Utah participated at the annual regional water quality standards meeting.</p> <p>c. Work on implementation of the selenium tissue criteria is ongoing.</p> <p>d. Additional surveys scheduled for summer of 2019 were delayed until 2020 because the contractor. Ongoing mussel work conducted by the Utah Division of Wildlife was reviewed. Utah's water quality standards were revised to update the ammonia criteria in accordance with current Section 303(a) recommendations</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>for a segment of the Jordan River. e. Work continues on evaluating a variance policy. EPA's variance provisions were reviewed and potential revisions to Utah's water quality standards explored. Approved variances from several other states in the region were reviewed.</p>
	<p>2. Development of rules, policies, and procedures to ensure protection of Great Salt Lake and its surrounding wetlands</p>	<p>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). 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. c. Continue numerous efforts to encourage collaboration among DWQs sister State and Federal agencies with related management responsibilities for GSL. d. Continue toxicological testing of brine shrimp and brine flies in support of numeric criteria development for priority pollutants in GSL. e. Continue development of assessment of recreational and aquatic uses using the narrative standard for Farmington Bay f. Continue to collaborate with EPA on all major 401 water quality certifications in jurisdictional waters with emphasis on projects occurring in the Great Salt Lake Watershed. g. Continue to develop and implement monitoring and assessment methods for GSL wetlands. h. As resources allow, fill the key data gaps identified by the 2016 Great Salt Lake Aquatic Life Use Resident Taxa Summary.</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments
	<p>i. Modify Utah's Water Quality Standards to ensure the long term protection of the Willard Spur and GSL wetlands.</p> <p>ACCOMPLISHMENTS:</p> <p>a. Ongoing implementation of biannual Baseline Sampling Plan.</p> <p>b. DWQ staff continued collaboration with partner agencies and stakeholders. This collaboration included 6 meetings of the Great Salt Lake Advisory Council, 4 meetings of a Biological Technical Advisory Group for a CERCLA site adjacent to the Lake, 4 meetings with the Utah Division of Wildlife Great Salt Lake Ecosystem Project, 2 meetings with the Utah Division of Forestry Fire and State Lands Great Salt Lake Technical Committee, meetings with non-governmental organizations, and establishing and implementing a GSL causeway and salinity management advisory committee with partner agencies and stakeholders.</p> <p>c. Ongoing agency and stakeholder collaboration and communication</p> <p>d. Continued implementation of GSL discharge permitting procedures for 4 permit renewals.</p> <p>e. Completion of acute toxicity testing for three priority elements (copper, lead, and arsenic) for brine shrimp and brine flies. Beginning development of chronic testing procedures.</p> <p>f. Beginning sampling and identification of fish taxa present in fresh and brackish</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		GSL bays to fill primary aquatic life use survey data gap.
	3. Development of numeric nutrient criteria and associated implementation procedures	<ul style="list-style-type: none"> 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. b. Propose and promulgate numeric criteria for Utah's headwater streams. Finalize the technical support document that underpins these criteria. c. 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. d. Evaluate adopting, with appropriate modifications, any revised 304(a) nutrient criteria proposed by EPA. e. Continue to meet with Utah's Nutrient Stakeholder Workgroups on outreach efforts in support of Utah's nutrient reduction strategy. f. Revise Utah's nutrient (TN and TP) reduction strategy, including a plan for the development and implementation of numeric nutrient criteria. g. Continue to work with a focused stakeholder groups to on the development of nutrient criteria and associated implementation programs. h. Develop implementation processes and associated rules for a comprehensive nutrient reduction program. i. Continue to participate on TMDLs for nutrient-related impairments to ensure that, wherever

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>possible, that the endpoint align with site-specific standard development.</p> <p>ACCOMPLISHMENTS: Nutrient-specific plans for monitoring have been established and will be further indoctrinated as the Strategic Monitoring Plan via the Monitoring Section is developed in 2020. b-d. Numeric, combined nutrient criteria for headwater streams were developed and approved by the Utah Water Quality Board. e. The Utah Nutrient Stakeholder workgroup was discontinued at the conclusion of adopting numeric nutrient criteria. f. Completed g.-i. A headwater nutrient implementation plan has been drafted, a workgroup of participating agencies has been identified, and scoping of nutrient-related TMDL plans has been completed. Each of these tasks are actively ongoing.</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 for review and incorporated into the annual monitoring strategy.</p> <p>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.</p> <p>c. Continue to build capacity to digitize both field</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>and biological data and store in a readily accessible database. Create electronic field form linking collected data to database.</p> <ul style="list-style-type: none"> d. Continue development of modeled diatom MMI and integrate into existing aquatic life assessments. e. Continue compiling an expanded reference water body (streams and rivers) dataset for future assessment tool development. 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. g. Continue development of outreach materials (i.e., website, fact sheets, reports) to more completely describe Utah's biological assessment program to our stakeholders. <p>ACCOMPLISHMENTS:</p> <ul style="list-style-type: none"> a. Completed and ongoing b. Completed and ongoing c. We continue to work with the US BLM Aquatic Inventory and Monitoring Program to develop electronic data capture and data management capacity d. Collection of these data is ongoing; however, initiating this project likely won't occur until FY2021. e. Completed and ongoing f. Completed and ongoing
	5. Develop and implement a responsive Harmful Algal Bloom Program	<ul style="list-style-type: none"> a. Continue partnership development of outreach materials that communicate reporting blooms, avoiding risks, and HAB education.

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<ul style="list-style-type: none"> b. Continue development of agency-wide strategic communication: response, education, messaging and advisories. c. Update HAB guidance and SOP documents as necessary. d. Improve bloom reporting information and tracking. e. Improve collection and reporting efficiency f. Continue to develop early-warning systems at high-risk waterbodies. g. Update integrated report assessments related to HABs. <p>ACCOMPLISHMENTS:</p> <ul style="list-style-type: none"> a. Completed and ongoing b. Completed and ongoing c. Completed and ongoing d. Completed and ongoing e. Completed and ongoing f. This project was shifted to capitalize on readily available satellite interpolations to serve as early-warning information, which continues to evolve. g. Completed and ongoing
<p>EPA Objective 1.2 – 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>	MONITORING AND REPORTING	
	<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>Tier 1 Monitoring: Probabilistic</p> <ul style="list-style-type: none"> a. Make improvements to Probabilistic survey design. Complete 25 statewide probabilistic sites per year using UCASE field protocols when NRSA survey is not occurring.

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments
	<p>b. Partially complete (at least half of the sites) National Rivers and Streams Assessment (September 2018). The remaining sites will be completed by September 2019.</p> <p>ACCOMPLISHMENTS: Revisions and improvements to overall UCASE design and approach are underway during the 2019-2020 off-season. These changes will be implemented during the 2020 field season. Successfully completed NRSA survey within index period.</p> <p>Tier 2 Monitoring: Targeted</p> <p>a. Complete ambient intensive targeted monitoring in the Colorado Basin.</p> <p>b. Conduct lake sampling at targeted lakes/reservoirs in the Colorado Basin under the Priority Lakes Program. Also, sample requested lakes outside of the Colorado Basin that have unique circumstances (i.e. TMDL development; NPS; data gaps; suspect data; lakes of concern; etc.).</p> <p>c. Complete 10-15 targeted UCASE sites in the Colorado Basin. Sampling locations are revisit sites from rotating probabilistic survey design from 2010 survey.</p> <p>d. Sample ~10-15 targeted UCASE sites statewide to address reference site conditions; NPS/restoration effectiveness; data gaps; increase data variability at a site.</p> <p>ACCOMPLISHMENTS: Sampling intensification efforts in the Colorado Basin concluded in September, 2019</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments
	<p>(rotating basin design). All 12 (monthly) sampling trips were successfully implemented. Sampling in the Sevier-Beaver-Cedar Basins began in October, 2019 and will continue through September, 2020. Sampling for the Priority Lakes Monitoring Program was successful during the 2019 field season. All site requests were completed within the index period. These included Priority Lakes in the Colorado Basin. Additional sampling occurred throughout the state as well for projects associated with TMDL and NPS project development. 15 UCASE sites (re-visit sites) were visited in the Colorado Basin as part of the rotating basin schedule. Another 15 targeted sites were sampled under this field program to gather data for NPS projects as well as to address data gaps.</p> <p>Tier 3 Monitoring: Programmatic 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> <ol style="list-style-type: none"> a. Utilize established workgroup to provide guidance and recommendations for the mercury/selenium monitoring program. b. Participate in the issuing of mercury fish consumption advisories as needed. c. Participate in triennial review preparations/discussion pertaining to Hg and Se. <p>ACCOMPLISHMENTS: Nearly 300 fish tissue samples were collected</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments
	<p>throughout the state. Lab processing will occur during the early months of 2020. Samples will be shipped to contracted lab upon completion of processing for analysis. Updates to the Utah Fish Tissue Contamination Program are routinely presented at the Utah Health Advisory Panel meetings.</p> <p>TMDL monitoring a. Discharge in large rivers</p> <p>ACCOMPLISHMENTS: Occurred monthly as part of the Ambient Monitoring Program (AMP). Efforts were focused in the Colorado Basin during WY19 and are currently focused in the Sevier-Beaver-Cedar basins (WY20). Flow measurements are performed at a number of sites across all DWQ monitoring programs that can be used for TMDL purposes or to establish flow rating-curves.</p> <p>Surface Water Compliance a. Continue to Implement QUAL2K model sampling for permit renewal and wasteload development</p> <p>ACCOMPLISHMENTS: Occurred monthly as part of the Ambient Monitoring Program (AMP). Efforts were focused in the Colorado Basin during WY19 and are currently focused in the Sevier-Beaver-Cedar basins (WY20). Permitted facilities within these basins were visited</p>

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		<p>during monthly sampling runs. Sampling occurred at the facility (discharge point) as well as above and below discharge points on receiving waters.</p> <p>NPS Effectiveness Monitoring</p> <p>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>ACCOMPLISHMENTS: Long-term monitoring stations have yet to be established for this program. Overall approach and design efforts are still being discussed within the overall NPS program. Watershed Coordinators in the Watershed Protection Section are utilized to for NPS sampling needs throughout the state (general water chemistry sampling; field measurements; flow measurements; macroinvertebrate sampling). DWQ monitoring staff visited a number of sites throughout the year to address NPS data needs as well. This typically occurred during monthly sampling runs as part of the Ambient Monitoring Program (AMP). Efforts were focused in the Colorado Basin during WY19 and are currently focused in the Sevier-Beaver-Cedar Basins (WY20). UCASE protocols (biological sampling program) were used to sample a number of sites related to the NPS program (supplement water chemistry data).</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>E. coli cooperative monitoring Continue implementation of monitoring program for <i>E. coli</i> to facilitate more rigorous assessment of recreational beneficial uses</p> <p>ACCOMPLISHMENTS: Routine E-coli monitoring occurred monthly during the recreation season (May-October). Health advisories were created for effected waterbodies throughout the sampling season. Much of the sampling was performed by DWQ monitoring staff, however cooperators were heavily relied upon to collect samples as well. DWQ coordinated with several cooperators from different agencies (county, state, federal) throughout the state. Efforts from all partners assisted with quicker sampling turn-around times as well as accessing locations that were distant from Salt Lake City.</p> <p>Stormwater Monitoring Program – Utah Lake Watershed a. Develop a monitoring plan to characterize stormwater runoff into Utah Lake and its impacts to the waterbody.</p> <p>ACCOMPLISHMENTS: A monitoring plan has been created, but has yet to be implemented. Monitoring efforts will proceed during the 2020 sampling season.</p> <p>High Frequency Data Program b. Continue to develop DWQ's High Frequency</p>

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DIVISION OF WATER QUALITY
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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>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>ACCOMPLISHMENTS: Telemetered monitoring stations were maintained along the Jordan River. These fixed stations will remain in place and continue to collect data until data needs are reprioritized. Telemetered buoys were deployed from April-November on 4 different lakes/reservoirs in Utah. Not only did these buoys help with reporting continuous field data, but also assisted with gathering background information related to HAB research.</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"> i. New documentation requirements for continuous monitoring stations will be developed as part of the scoping and planning of pilot study 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. <p>b. Training in revised SOPs and QAPPs</p> <p>ACCOMPLISHMENTS: This goal is still being developed and has not</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>made a lot of progress due to resource constraints.</p> <p>A SAP is being developed at the moment for continuous monitoring stations (High Frequency Data Program) which will assist with effective progress and guidance moving forward.</p> <p>The Utah Strategic Monitoring Plan is undergoing an overhaul. Once a plan has been developed, DWQ's intentions are to post annual monitoring plans and other monitoring information on its webpage on an annual basis.</p> <p>The Monitoring Section is currently underway revising 11 of its field SOPs. Efforts to update these documents will occur during the off-season; anticipated completion timeframe is at the end of Utah's FY20. The remaining SOPs will be addressed during the next fiscal year.</p>
	4. Continue to update AWQMS	<p>a. System and platform updates/upgrades</p> <p>b. Database populated with up-to date datasets and system in place for dynamic uploads to WQX</p> <p>c. Training</p> <p>ACCOMPLISHMENTS: DWQ is migrating AWQMS to a SQL database management system that is hosted in a cloud environment. Improvements include access to version upgrades as they become available and a private server configuration will allow access to sampling data dynamically through customizable data exports. These improvements will allow DWQ's sampling data QA/QC process to become</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>more efficient through the use of open source software (e.g., R). In addition, the upgrade to AWQMS version 7.0 NS will become available just after the move to the cloud that will include enhancements to data entry, review, and analysis.</p> <p>DWQ data review, data validation, and verification process is currently in progress. Data collected for rivers and lakes during Quarters 1 and 2 of the 2019 water year have been imported into AWQMS and are currently available online. The data collected during Quarters 3 and 4 of the 2019 water year are undergoing quality control checks and are planned to be imported after validation has been completed.</p> <p>DWQ has developed several tutorial documents for AWQMS. These include several “How To” documents for: Export monitoring locations, query a standard export of data, and search for monitoring locations.</p> <p>DWQ through a partnership with AGRC/DTS is currently reviewing DWQs sampling data management process to identify bottlenecks and determine best options for improving technology to streamline the workflow.</p>
	<p>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</p>	<p>a. Update monitoring strategy and place on website for public comment (</p> <p>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.</p> <p>ACCOMPLISHMENTS: Efforts to update Utah’s monitoring plan are</p>

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>underway. Resource efforts will be focused on the plan during the winter months of 2020. Expected completion data is 10/2020. Probabilistic biological surveys will continue to be an integral part of DWQ's monitoring program. The sampling design/approach for this program (UCASE) is currently undergoing an update process and will be implemented during the 2020 field season. A statewide probabilistic stream survey did not occur in 2019 since the NRSA project (EPA) was underway (UCASE methods were still implemented for targeted sampling). 106 Monitoring Initiative funds were used to enhance Utah's monitoring programs in general. These funds were particularly useful with hiring seasonal technicians to assist with field efforts throughout the season. DWQ will continue to apply for 106 monitoring funds into the future.</p>
	<p>6. Complete combined 2018/2020 Integrated Report analysis of water quality data for submission to EPA by April 1, 2020</p>	<ul style="list-style-type: none"> a. Revise Assessment Methods and issue for a minimum 30-day public comment period. Respond to comments and finalize assessment methodology for inclusion in the final Integrated Report. b. Post the 2020 Integrated Report Call for Data on website and perform training workshops to assist stakeholders in uploading data to WQX. c. Compile and prepare all readily available and credible data for assessments and perform assessments. d. Issue draft 2020 Integrated Report for a minimum 30 day public comment period and integrate public comments into final report. e. Submit 2018/2020 Integrated Report

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EPA Goals and Objectives	DWQ Goals, Measures, and Accomplishments	
		<p>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.</p> <p>ACCOMPLISHMENTS:</p> <p>a. The Assessment Methodology for the combined 2018/2020 Integrated Report was finalized on May 20, 2019 and includes DWQ’s response to public comments after a 60 day public comment period that was held November 7 to December 21, 2018</p> <p>b. The Call for Data for the combined 2018/2020 Integrated Reports was held May 21 to July 20, 2019 and posted on https://deq.utah.gov/water-quality/2018-2020-integrated-report-call-for-data During the Call for Data, DWQ provided on-line training and registration to assist stakeholders to upload data and information to the Water Quality Portal. On-line training, webinars, workshops and one-on-one assistance were provided.</p> <p>c. All readily available and credible data has been compiled and reviewed.</p> <p>d. The draft combined 2018/2020 Integrated Reports is scheduled to be released for public comment March, 2020</p> <p>e. The draft combined 2018/2020 Integrated Reports will be uploaded to ATTAINS April, 2020</p>

**UDEQ GOALS AND OBJECTIVES
EXECUTIVE DIRECTOR'S OFFICE
END OF YEAR REPORT FFY19
Business Assistance**

EPA Goal and Objective	UDEQ Goal	UDEQ Measures and Accomplishment
<p>Objective 2.1 - Enhance Shared Accountability</p>	<p>GOAL #1: Continue to manage the State Quality System Program and the QMP</p> <p>Internal Support Objectives:</p> <p>1. Ensure the acquisition of accurate, reliable and defensible environmental data and support associated assistance programs as a necessary element of the awards.</p>	<p>a. Annual report submitted to Region 8 by January 31 which:</p> <ul style="list-style-type: none"> · 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. <p>b. Mid-year internal Quality Review.</p> <p>c. Notification submitted to Region 8 in the event of significant changes to the QMP.</p> <p>ACCOMPLISHMENTS: This position was vacant for the majority of the year so activities in this area were very minimal. The position has recently been filled.</p>
<p>Objective 3.2 - Create Consistency and Certainty</p>	<p>GOAL #2: Promote a sustainable relationship between economic development and environmental protection by coordinating work with businesses and related organizations.</p> <p>Business Assistance Objectives:</p> <p>1. Facilitate UDEQ cross-media business assistance.</p>	<p>a. Businesses making phone or e-mail contact to PPA receive informational assistance.</p> <p>b. Pre-design permitting meetings are held.</p> <p>c. Cross-divisional, sector specific focus in outreach activities developed and implemented, as appropriate.</p> <p>d. Business assistance Web pages are regularly updated.</p> <p>e. Opportunities are taken to encourage consistent business assistance policies within UDEQ.</p> <p>f. Regular coordination with GOED, EDCU, business</p>

**UDEQ GOALS AND OBJECTIVES
EXECUTIVE DIRECTOR'S OFFICE
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Business Assistance**

EPA Goal and Objective	UDEQ Goal	UDEQ Measures and Accomplishment
		<p>assistance providers, Chambers of Commerce, and professional associations.</p> <p>ACCOMPLISHMENTS: This position was vacant for the majority of the year so activities in this area were very minimal. The position has recently been filled.</p>
	<p>2. Serve as Small Business Ombudsman for UDEQ.</p>	<p>a. Air Quality Small Business Compliance Panel remains active and quarterly meetings are held.</p> <p>b. Availability of ombudsman is promoted on website and as part of informational presentations, as appropriate.</p> <p>c. Number of businesses contacted for DEQ feedback.</p> <p>d. Number of responses from business.</p> <p>e. Issues brought to ombudsman are appropriately handled.</p> <p>f. Opportunities are taken to encourage small business considerations in UDEQ policy development.</p> <p>g. Small businesses receive DEQ assistance with the permitting process and other programs as needed.</p> <p>h. Number of business visited in Ombudsman outreach initiative.</p> <p>i. Annual EPA Small Business Assistance Program report is completed.</p> <p>ACCOMPLISHMENTS: This position was vacant for the majority of the year so activities in this area were very minimal. The position has recently been filled.</p>

**UDEQ GOALS AND OBJECTIVES
OFFICE OF PLANNING AND PUBLIC AFFAIRS
END OF YEAR REPORT FFY19
Indoor Radon Grant**

(Note: This update was previously submitted to the Region VIII Radon Coordinator, as required, and is reproduced here.)

FY19 EPA State Indoor Radon Grant (SIRG) Reporting Template

Radon and Homes			
In the "Other work related to..." section please include details about planned/conducted work in your program that may not be represented in the specified reporting metrics. Examples include but are not limited to: 1) partnering with local housing authorities or non-profit organizations to connect low-income residents to financial assistance for mitigation; 2) outreach to real estate professionals; 3) continuing education courses for real estate professionals; 4) training/education for home buyers and sellers.			
Code	Activity	Total	Details
RHC1	Homes tested for radon (report total number including any tested during real estate transactions)	9,798	
RHC2	Homes tested for radon specifically during real estate transactions (if available)	1,624	
RHC3	Homes mitigated for radon	2,453	
RHC4	Homes built with radon-reducing features	212	
	Other work related to radon and homes, or real estate transactions.	10	Classes taught to real estate professionals

Radon and Builders			
In the "Other work related to..." section please include details about planned/conducted work in your program that may not be represented in the specified reporting metrics. Examples include but are not limited to: 1) webinars or training events for builders; 2) technical assistance documents on RRNC; 3) partnerships to engage builders; 4) developing a system to track RRNC homes.			
Code	Activity	Total	Details
RBC1	Builders including radon-reducing features in all houses	4	In Utah we have several builders that are building homes with RRNC. Also, seeing more home owners requesting RRNC. Many builders are not familiar with RRNC
RBC2	Builders including radon-reducing features in Zone 1 houses	4	Utah has approximately 4 builders that are building with radon-reducing features in Zone 1 homes.
RBC3	Builders including radon-reducing features in Zone 1 & 2 houses	4	Utah has approximately 4 builders that are building with radon-reducing features in Zone 1 and Zone 2 neighborhoods.

**UDEQ GOALS AND OBJECTIVES
OFFICE OF PLANNING AND PUBLIC AFFAIRS
END OF YEAR REPORT FFY19
Indoor Radon Grant**

FY19 EPA State Indoor Radon Grant (SIRG) Reporting Template

Radon and Schools

In the "Other work related to..." section please include details about planned/conducted work in your program that may not be represented in the specified reporting metrics. Examples include but are not limited to: 1) testing and mitigation activities conducted in schools; 2) training/education for school personnel; 3) IAQ or radon workshops.

Code	Activity	Total	Details
RSC1	Schools/Daycare tested for radon	45	In conjunction with Brigham Young University, we tested 38 schools and verified test results of 6 schools with elevated radon levels. In addition, every year school districts test schools in their school district.
RSC2	Schools/Daycare mitigated for radon	0	
RSC3	Schools/Daycare built with radon-reducing features	0	
	Other work related to education, outreach, partnership with schools or school boards to encourage testing and mitigation of schools.	41	Media reached out to all forty-one school districts in the State of Utah and asked how many of them were participating in radon testing. The reporter heard back from seventy-percent of the school districts. As a result, many of the school districts reached out to the State and inquired about testing and if we could assist them with testing

Radon and Other Buildings

In the "Other work related to..." section please include details about planned/conducted work in your program that may not be represented in the specified reporting metrics. Examples include but are not limited to: 1) continuing education courses or technical assistance documents for multi-family housing or other buildings; 2) developing partnerships with building owners/operators.

Code	Activity	Total	Details
ROC1	Other buildings tested for radon	77	Had 2 requests to test governmental buildings in Utah, Tested 75 Buildings on the University of Utah Campus where classes, research is held/conducted.
ROC2	Other buildings mitigated	0	
ROC3	Other buildings built with radon-reducing features	0	
	Other work related to education, outreach, partnership, technical assistance with code officials, etc.	1	Project with the University of Utah Radiation & Safety Department is looking at short-term testing and long-term testing of 75 buildings on campus and comparing and contrasting data. Hopefully research will be published.

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Radon and Medical Community

In the "Other work related to..." section please include details about planned/conducted work in your program that may not be represented in the specified reporting metrics. Examples include but are not limited to: 1) developing and providing radon resources to physicians; 2) developing continuing education courses for medical professionals; 3) health & wellness fairs; 4) conference or other presentations to medical professionals.

Code	Activity	Total	Details
RMC1	Number of physicians offices or health professionals provided copy of CRCPD Guide for Health Care Providers.	250	Our X-ray inspectors have been giving out the Professionals Guide at their inspections. Our Utah Radon Coalition has been handing them out to physicians. Huntsman Cancer has been distributing them to physicians within their hospital/institution. We distributed them at a Physicain Assistants conference.
RMC2	Number of years radon testing and/or mitigation data has been submitted to the Centers for Disease Control and Prevention (CDC) Environmental Health Tracking Network	23	
	Other work related to education, outreach, partnership, technical assistance with medical professionals.	5	Work regularly with Huntsman Cancer Institute on increasing awareness about radon.

Radon and Cancer Control Plans (CCP)

In "RCCP1" please include text from CCP that address specific goals/strategies on radon and a link to the current CCP, if applicable. In "RCCP2" please share how partnership represents an opportunity to help broaden the reach of the radon programs and expand the audience. In the "Other work related to..." section please include details about planned/conducted work in your program that may not be represented in the specified reporting metrics. Examples include but are not limited to: 1) outreach and partnership with Cancer Coalitions; 2) measuring or reporting changes that have occurred as a result of including radon in a CCPs.

Code	Activity	Total or Y/N	Details
RCCP1	State/tribal nation/territory has Cancer Control Plan in place (CCP) that specifically includes radon?	Yes	The state of Utah has a Cancer Control Plan and Radon is a Collaboration Priority within the Plan. The three main strategies of the State plan are to: 1. Work with partners to establish a statewide surveillance program to track and monitor radon. 2. Provide radon awareness activities for the general public that demonstrate the importance, feasibility, and value of radon testing and mitigation. 3. Increase radon testing and subsequent mitigation of high radon levels. The BRFSS data says that less than 20% of Utahns have tested their homes for radon.

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RCCP2	Number of state/tribal nation/territory cancer coalition committee meetings attended during this reporting cycle?	25	The Utah Cancer Control Plan meets quarterly but smaller groups work together to accomplish the activities set through the Collaboration Priorities. I would say that UDEQ attended at least 25 meetings to accomplish goals set by the plan.
	Other work related to education, outreach, partnership and the development of a cancer control plan.	5	Quarterly meetings to determine the roadmap for all of those who are suffering from cancer in the State. In that roadmap Lung Cancer is the leading cause of death for Utahn's even though we have the lowest smoking rate in the nation. It continues to be a goal of the Utah Cancer Plan to educate residents about radon and motivate for testing and mitigation when needed. In addition, there is a yearly one-day conference where Radon is highlighted.

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General Radon Reporting Information

In "ROP11" report number of mitigations and/or number of homes built with RRNC then multiply by average number of individuals per household (census data available by state).

Code	Activity	Total	Details
ROP1	Radon test kits distributed	7552	This is the number of test kits that were completed in Utah.
ROP2	State, county, or local government creating or updating radon map	yes	In the State of Utah we are lucky enough to work with the Utah Environmental Tracking Program. We continue to collect data via zip codes and update our website with zip code information. UETP maps the data for us.
ROP3	Number of radon testers certified by state.	25	
ROP4	Number of radon mitigators certified by state during this reporting period.	27	
ROP5	Number of radon technicians certified by state during this reporting period.	37	This is taking certified professionals in both fields
ROP6	Number of other professionals certified by state during this reporting period (provide information in details).	0	
ROP7	Number of radon businesses inspected by state/tribe.	0	
ROP8	Number of public complaints resolved by state/tribe.	0	
ROP9	Number of radon mitigation systems inspected by state.	0	
ROP10	Number of Notice of Violation (NOVs) issued by state	0	
ROP11	Individuals with reduced exposure to radon	11,000	I would estimate that the number of individuals with reduced exposure to radon would be equivalent to mitigation systems installed times 4 or 5.
RO2	All Other		

Cross-Program Outcomes

Code	Activity	Total	Details
OC1	Website hits or phone calls traceable to activity or output	19,516	This is my webhit number. Phone calls would be approximately 360.
OC2	Individuals with measured increase in knowledge	20,000	

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OC3	Individuals committing to behavior change	6,000	
OC4	Individuals demonstrating behavior change	6,000	
OC5	Individuals with reduced exposure to indoor contaminant(s) based on monitoring data	12,000	
OC6	Individuals with documented health improvement	0	

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Radon Outreach/Education

In "OP3" report number of events/activities. Do not report the number of individuals. Events/activities can include paid advertising (e.g. billboards), social media outreach, mobile media campaigns, etc. In "OP5" report the number of individuals reached through activities characterized in "OP3" and/or "OP4". In "OP6" report number of individuals trained through a continuing education course or other training. Please specify whether real estate professionals, medical professionals, etc. If possible, include separate counts for each specialty (e.g. real estate professionals). In "OP8" report number of events/activities. Do not report the number of individuals. Events/activities include free advertising, social media outreach, mobile media campaigns, etc.

Code	Activity	Total	Details
OP1	Number of publications, factsheets, flyers, brochures, etc. developed or created (print and/or web)	2	I would like to think that 20,000 flyers, brochures went out to the public.
OP2	Number of technical guidance documents developed or created	1	
OP3	Number of press/media events held or announcements issued	5	
OP4	Number of conferences, workshops or training events held, conducted or presented at	10	Held the EPA Region 8 Radon Conference in Utah. Presented at the CRCPD National Radon Symposium to name a few.
OP5	Individuals educated (reached, contacted, etc.) (including media campaigns)	40,000	
OP6	Individuals trained (specify in Details field)	560	Trained realtors about what radon is, how to test for it, mitigation, etc.
OP7	Curricula or training course developed (specify in Details field)	yes	Have created training curricula for the realtors and other outreach groups.
OP8	(\$\$) free advertising provided (media campaigns)	yes	We get free advertising through the hospitals because our newborn radon program. The sixteen hospitals that participate give a radon brochure and free coupon for a radon test kit to families that are having a new baby.
OP9	Number of technical support activities that advance indoor air programs and guidance of healthy buildings.	1	Training and working with the University of Utah Radiation Safety on their project of testing 75 buildings for short-term and long-term results from radon.

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Success Story

Please share a 3 - 4 sentence success story highlighting the work your program is doing to achieve radon risk reduction/awareness. Explain the activity and its impact, and include a link to a website for more information if available. Success stories may be featured in the annual SIRG Summary report.

Success Story:	<p>1. We worked with testing homes for radon on the Confederated Goshute Reservation and mitigated two homes as well. We have been scheduled to mitigate another two homes that were elevated for radon but it has not worked out for the Tribe. We are scheduled to start testing more homes November 7, 2019 and provide training on testing and mitigating homes.</p> <p>2. The other success story that I want to highlight is the successful completion of the EPA Region 8 Radon Conference with excellent presentations, 150 attendees, and 16 vendors. It was quite an undertaking!!</p>
Challenges:	<p>1. The challenges with working with the Goshute Tribe has been communicaiton, scheduling, re-scheduling, etc.</p>

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Stakeholder Involvement**

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
Cross-cutting Strategy: Working Toward a Sustainable Future		<p>CUSTOMER SERVICE - Provide public information and participation opportunities.</p> <p>Public Education Objectives: Design and implement issue-specific campaigns to inform and involve the public.</p>	<p>a. Proactively employ traditional and social media to inform public of issues and programs. b. Employ DEQ's website as a databank of detailed, project-specific information. ACCOMPLISHMENTS: Actively promoted and educated the public using Twitter, Facebook, and a DEQ blog in addition to the traditional use of the web and of press releases. Over the year, DEQ saw the popularity of its social media increase with Twitter showing a 17% increase, Facebook a 38% increase, and Blog views showing a 26% increase.</p>
		<p>Stakeholder Involvement Objectives: As needed assist DEQ programs and project managers with outreach and web resources for specific projects</p>	<p>a. Assistance Provided. ACCOMPLISHMENTS: Throughout the year, the office provided support to project managers to help keep the public informed. Examples include websites, press releases, and blogs on such topics as PFAs, wildfires, woodstove/lawn mower exchanges, HABs, and issue specific events such as the Sandy fluoride issue and the Layton Chevron groundwater contamination</p>
Cross-cutting Strategy: Working Toward a Sustainable Future		<p>Media Relations Objective: 1. Assist PIO with UDEQ media relations. 2. Utilize and Improve UDEQ's Web site to proactively highlight issues and keep it current and relevant.</p>	<p>a. Web site improved for better customer service. b. PIO back-up is provided. c. UDEQ media policy is followed. ACCOMPLISHMENTS: All DEQ press releases are posted on the website along with contacts and other information to help media outlets. The DEQ website is being streamlined to better serve the public</p>
		<p>Branding Objective: Continue to define and establish DEQ's brand to help the public better engage with DEQ.</p>	<p>a. Continued development and promotion of DEQ's brand. ACCOMPLISHMENTS: In addition to the above, DEQ recently launched an #IamUtahDEQ Video series that builds awareness of DEQ's mission,</p>

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Stakeholder Involvement**

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Accomplishments
			vision and values and effectively communicates DEQ's role as a regulatory agency through telling the stories of its employees demonstrating the values.

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EPA Goal and Objective EPA Measure	UDEQ Goal	UDEQ Measure and Accomplishments
Cross-cutting Strategy: Expanding the Conversation on Environmentalism	<p>GOAL: Partner with the Department and Divisions in planning and policy initiatives</p> <p>1. Provide planning support for UDEQ initiatives and, on request, to statewide initiatives.</p>	<p>a. Process for completion of FY2019 PPA is successfully coordinated and final document is submitted to EPA.</p> <p>b. Process for completion of End-of-Year Report for FY 2018 PPA is coordinated with Divisions and is submitted to EPA.</p> <p>ACCOMPLISHED: FFY2019 PPA was completed and submitted for signature.</p> <p>End of Year Report for FFY2018 PPA was submitted to EPA in December, 2018</p>
Supports all Strategic Goals	<p>GOAL: Operate as a customer-oriented agency by focusing on customer service, trust, and problem-solving through teamwork and partnership.</p> <p>Audit</p> <p>1. Perform internal and fee audits as assigned by the Audit Committee. 2. Provide external audit and financial assurance assistance to Divisions 3. Perform an annual review of the DEQ hourly fee for reasonableness. 4. Provide payment card industry data security standards support for the Department.</p> <p>Other Services Coordinate all GRAMA requests received and ensure each is answered in the allotted 10-day period of time.</p>	<p>ACCOMPLISHED: Completed (1) DEQ Inspections Coverage and Procedures Internal Audit (2) Follow-up Review of DEQ Travel Reimbursements Internal Controls for June 2017 period (3) Vehicle Repair and Replacement Assistance Program Audit for period 3/2018-2/2019</p> <p>Completed Annual Department PCI Requirements: SAQ-D Questionnaire, Agency training, policy update, user/equipment inventory</p> <p>ACCOMPLISHED: GRAMA requests were coordinated with all Divisions and were answered within the allotted time frame.</p>
Supports all Strategic Goals	<p>GOAL: Take an active role to help influence and develop rules and programs that are consistent with and help Utah achieve its needs.</p> <p>OSS Continue to provide the financial application for the Performance Partnership Grant.</p>	<p>Complete the PPG grant and all necessary amendments and changes within prescribed due dates.</p>

**UDEQ GOALS AND OBJECTIVES
OFFICE OF SUPPORT SERVICES
END OF YEAR REPORT FFY19**

EPA Goal and Objective EPA Measure	UDEQ Goal	UDEQ Measure and Accomplishments
		ACCOMPLISHED: No application was due this year. There were several grant award amendments that were accepted and processed.
Cross-cutting Strategy: Strengthening Partnerships	<p>GOAL: Assist with ensuring effective delivery of environmental services through intergovernmental collaboration.</p> <p><u>Local Health Liaison</u></p> <p>1. Facilitate strong relationship between UDEQ and the Local Health Departments.</p>	<p>a. Participation in CLEHA, Local Health Officers' Association, Local Boards of Health, and UEHA meetings.</p> <p>b. Process for the one-year contracts is successfully coordinated and completed.</p> <p>c. Partnership and Governance meetings are effective and issues raised are tracked and resolved.</p> <p>ACCOMPLISHED: Local Health Liaison participated in all CLEHA meetings. In addition, executive staff participated in Local Health Officer meeting and a staff member was, and remains, an active participant in UEHA and ensures that DEQ issues are discussed at the semiannual conferences. Contracts with local health departments were negotiated and signed. Partnership and Governance meetings were held. 2019 Partnership meeting generated several active workgroups on the Local Health Process and on Source Protection Issues. Governance bylaws were renegotiated to assure continued effectiveness.</p>
Supports all Strategic Goals	<p>GOAL: Fully utilize our major resource.</p> <p><u>Leadership Training</u></p> <p>Support UDEQ leadership development initiative.</p>	<p>1. Regular leadership-training classes are held.</p> <p>2. Follow-up activities in sections and branches are facilitated, as requested</p> <p>3. Individual employees are coached, as requested.</p> <p>ACCOMPLISHED: Leadership training classes are either taught or brought in as needed. Regular Manager meetings are held quarterly. Section retreats/trainings were held and coaching was available on request.</p>