

Department of Environmental Quality Updates

Kim Shelley, Executive Director



UTAH DEPARTMENT *of*
**ENVIRONMENTAL
QUALITY**

DEQ Boards

4

**Four
policymaking
boards oversee
rulemaking**



**Members have
expertise and
represent
specific
interests**



**Appointed by
the Governor
and confirmed
by the Senate**



**Priority is
transparency
and input from
public and
stakeholders**

Air Quality

Rule Reference	Description	Status
Amend R307-315	NOx Emission Controls for Natural Gas-Fired Boilers 2.0-5.0 MMBtu.	Public Comment 5/1/24 Final Adoption 9/4/24
Amend R307-316	NOx Emission Controls for Natural Gas-Fired Boilers Greater Than 5.0 MMBtu.	Public Comment 5/1/24 Final Adoption 9/4/24
Amend R307-110-13	General Requirements: State Implementation Plan. Incorporation of Utah State Implementation Plan, 2015 Ozone NAAQS Northern Wasatch Front Moderate Nonattainment Area, Section IX.D.11.	Public Comment 7/9/24 Final Adoption 11/6/24
Amend R307-202	Emission Standards: General Burning.	Public Comment 7/9/24 Final Adoption 10/2/24
R307-125	Clean Air Retrofit, Replacement and Off-Road Technology Program	Five Yr Review 7/9/24
R307-501	Oil and Gas Industry: General Provisions	Five Yr Review 7/9/24
R307-502	Oil and Gas Industry: Pneumatic Controllers	Five Yr Review 7/9/24
R307-503	Oil and Gas Industry: Flares	Five Yr Review 7/9/24
R307-504	Oil and Gas Industry: Tank Truck Loading.	Five Yr Review 7/9/24
Amend R307-101 Amend R307-101-3	General Requirements; including R307-101-3. Version of Code of Federal Regulations Incorporated by Reference.	Public Comment 8/7/24 Final Adoption 11/6/24

Air Quality cont.

Rule Reference	Description	Status
R307-103	Administrative Procedures	Five Yr Review 10/2/24
R307-165	Stack Testing	Five Yr Review 10/2/24
R307-201	Emission Standards	Five Yr Review 10/2/24
R307-202	Emissions Standards: General Burning	Five Yr Review 10/2/24
R307-203	Emissions Standards: Sulfur Content of Fuels	Five Yr Review 10/2/24
R307-204	Emissions Standards: Smoke Management	Five Yr Review 10/2/24
R307-205	Emissions Standards: Fugitive Emissions and Fugitive Dust	Five Yr Review 10/2/24
R307-206	Emissions Standards: Abrasive Blasting	Five Yr Review 10/2/24
R307-207	Residential Fireplaces and Solid Fuel Burning Devices	Five Yr Review 10/2/24
R307-305	Nonattainment and Maintenance Areas for PM ₁₀ : Emission Standards	Five Yr Review 10/2/24
R307-306	PM ₁₀ Nonattainment and Maintenance Areas: Abrasive Blasting	Five Yr Review 10/2/24
R307-307	Road Salting and Sanding	Five Yr Review 10/2/24

Air Quality cont.

Rule Reference	Description	Status
R307-309	Nonattainment and Maintenance Areas for PM ₁₀ and PM _{2.5} : Fugitive Emissions and Fugitive Dust	Five Yr Review 10/2/24
R307-310	Salt Lake County: Trading of Emission Budgets for Transportation Conformity	Five Yr Review 10/2/24
R307-311	Utah County: Trading of Emission Budgets for Transportation Conformity	Five Yr Review 10/2/24
R307-841	Residential Property and Child-Occupied Facility Renovation	Five Yr Review 10/2/24
R307-842	Lead-Based Paint Activities	Five Yr Review 10/2/24
Amend R307-11-36 Section X	Amend Utah State Implementation Plan, Section X, Vehicle Inspection and Maintenance Program, Part F, Cache County	Public Comment 11/6/24
New Rule R307-209	Portable Aggregate Processing Plants	Public Comment 11/6/24
Amend R307-401	Permit: New and Modified Sources	Public Comment 11/6/24
R307-302	Solid Fuel Burning Devices	Five Yr Review 11/6/24
R307-309	Nonattainment and Maintenance Areas for PM ₁₀ and PM _{2.5} : Fugitive Emissions and Fugitive Dust	Five Yr Review 10/2/24
R307-310	Salt Lake County: Trading of Emission Budgets for Transportation Conformity	Five Yr Review 10/2/24
R307-311	Utah County: Trading of Emission Budgets for Transportation Conformity	Five Yr Review 10/2/24

Rules in Progress

Rules with ~3 year timeline that meet CAA requirements and get area closer to attainment

Cumulatively equal to removing 13.2% of car and truck emissions

- **Gas dispensing rule**
 - Replace nozzles and hoses on gas pumps to reduce drips and fugitive emissions
 - 215 tpy of emissions removed at \$6.5K - \$9K / ton
- **Small 2-stroke yard care equipment**
 - Limit use of gas-powered trimmers, edgers, and blowers on high ozone days
 - Up to 1,076 tpy of emissions removed at \$5K / ton for entire fleet to electricity
- **Major industry control analysis**
 - Analyze major source operation controls, and determine feasibility
 - At least 800 tpy of emissions removed between \$1K-40K / ton
- **Refinery tank controls**
 - Improve controls on large refinery tanks that store volatile compounds
 - Approximately 365 tpy of emissions removed with cost / ton estimates ongoing

Rules in Progress

Rules with short and long term timelines that meet CAA requirements and get area closer to attainment

Long Term (3+ Years)

- Process heater emission limits
- Non-road equipment rules (SB 136)
- Tier upgrade and compliance standards for engines
- Composting
- Update solvent cleaning and adhesive/sealant applications
- Industrial baking
- Halogen reductions (HB 220)
- Low volatility gasoline (CAA required)

Drinking Water

Rule Reference	Description	Status
R309-515	Facility Design & Operation: Source Development	Request Drinking Water Board Approval to File Proposed Rule: 02/29/2024 Effective Date of Rule:06/26/2024
R309-540	Facility Design and Operation: Pump and Hydropneumatic Pressure Facilities	Request Drinking Water Board Approval to File Proposed Rule: 02/29/2024 Effective Date of Rule:06/26/2024
R309-600	Source Protection: Drinking Water Source Protection for Groundwater Sources	Request Drinking Water Board Approval to File Proposed Rule: 02/29/2024 Effective Date of Rule:06/26/2024
R309-100	Administration of the Drinking Water Program Series of Rules	Notified the Drinking Water Board at the June 27, 2023 meeting. Internal review in progress

Environmental Response and Remediation

Rule Reference	Description	Status
UAC R311	Rule changes due to the addition of certain Above Ground Petroleum Storage Tanks to state regulation from the 2021 legislation SB40.	PST Stakeholder Comments 1/10/24 & 4/10/24 Public Hearing 6/10/24 Board Approval 7/11/24 Effective date 7/12/24
R311-500	Illegal Drug Operations Site Reporting and Decontamination Act, Decontamination Specialist Certification Program	Board Approval 9/12/24 Five Yr Review filed 9/13/24

Waste Management and Radiation Control

Rule Reference	Description	Status
R313-28-20	Clarified definition of Healing Arts	Effective June 17, 2024
R313-17 &24	Clarified Process around Environmental Assessments at Uranium Mills	Effective July 15, 2024
R313-15, 22, 32, 37	Incorporated changes made to NRC regulations in order to maintain agreement state status	Effective Sept. 16, 2024
R315-301,302, 303, 304, 305, 307,, 308, 310, 311, 314, 315, 316, 317, 318, 321, 322.	Creates and Exploration and Production waste disposal program as required under HB310 (2019). Establishes classifications and standards for facilities permitted to accept these wastes.	Effective Oct. 15, 2024
R315-260, 261, 262, 264, 265, 266, 268, and 270	Incorporates changes made by the EPA to federal regulations in order to maintain our equivalency with the federal regulations as an authorized state.	Public comment Dec. 1 - 31, 2024
R313-28-140	Amends this rule to allow the Director of the Division of Waste Management and Radiation Control to re-issue certifications for Mammography Imaging Medical Physicists on behalf of the Waste Management and Radiation Control Board. This creates a more efficient and timely process for renewing certifications.	Public comment Dec. 1 - 31, 2024

Water Quality

Rule Reference	Description	Status
R317-8-1	Incorporate federal requirements for 316(b) (associated with cooling water intake structures). Proposed Rules will only impact 3 PacifiCorp facilities and may impact McWane Ductile.	Public Comment 9/15/24 Effective 10/23/24
R317-16 (HB 513 2023 General Session)	Division's Rulemaking associated with HB513 FFSL's Rules associated with HB513	1st Public Comment 2/25/24 2nd Public Comment 5/15/24 Effective 8/28/2024
Informal Rulemaking for HB453 (2024 General Session)	Requires the Division to set a limit for salinity of water or brine that a person may discharge to the GSL as part of the mineral extraction process.	Informal Stakeholder Input Initiated 8/28/24

An aerial photograph showing a large green field on the left, a farm with several buildings and a large barn in the center, and a residential neighborhood with houses and trees on the right. A white horizontal line is positioned above the text.

Thank you



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Questions? Contact us