



WYOMING DEPARTMENT OF
ENVIRONMENTAL
QUALITY

Environmental Quality Council

November 17, 2016



WYOMING

Revisions to Chapters 1, 2, 9 and 15 of the Solid Waste Rules

Solid Waste Rule Changes

- ◆ Governor's directive to:
 - Reduce number and length of rules
 - Eliminate obsolete, unnecessary and duplicative rules
 - Clear the clutter
- ◆ Updates needed to rules that date back to the early 1990s

Solid Waste Rule Changes

- ◆ Changing Chapter 1, General Provisions
- ◆ Changing Chapter 2, Municipal Solid Waste Landfills
- ◆ Eliminating Chapter 9, Suspension of Permits for New Commercial Solid Waste Management Facilities
- ◆ Eliminating Chapter 15, Solid Waste Management Rules and Regulations (1975)

Chronology

- ◆ First Public Notice: July 22 – August 31, 2015
- ◆ Informal Outreach at 5 locations in August 2015
- ◆ Extended informal outreach through October 15, 2015
- ◆ January 22, 2016 WWAB meeting
- ◆ Revisions made and sent directly to the commenters.

Chronology

- ◆ Received additional comments on June 1, 2016
- ◆ Responded June 15, 2016
- ◆ July 20, 2016 WWAB meeting
- ◆ Minor revisions made based on comments received
- ◆ November 17, 2016 EQC Hearing

Chapter 1 Changes

- ◆ Unnecessary and outdated text removed
- ◆ Removed terms defined in statute or not needed
- ◆ Added definitions experience says we need
- ◆ Numbered definitions so they are easier to find

Chapter 1 Changes

- ◆ Expanded acreage limits for exempt and LH/LV MSW transfer stations and for exempt recycling transfer stations
- ◆ Differentiated between CRTs and other e-waste to improve recycling
- ◆ Simplified and streamlined the permit amendment process, reducing the number of items considered major amendments

Chapter 1 Changes

- ◆ Removed MSWLF classifications (Type I and II) to regulate all consistently
- ◆ Added site access agreement
- ◆ Clarified the variance process
- ◆ Shortened the public notice text for LH/LV facilities
- ◆ Defined and clarified the process for terminating operating and closure permits

Chapter 2 Changes

- ◆ Reorganized – consolidated similar information to a single section
- ◆ Revised location standards to match W.S. 35-11-502(c) for facilities and 40 CFR part 258 for disposal units
- ◆ Added site access agreement

Chapter 2 Changes

- ◆ Eliminated differing regulations for Type I and II landfills
- ◆ Increased methane limit at the facility boundary from 25% to 100% of the LEL
- ◆ Removed the requirement for leak detection in units $> 1,000,000$ cy and leak detection will no longer be mandatory

Chapter 2 Changes

- ◆ Consolidated closure standards and closure application contents in Section 12
- ◆ Reduced the thickness of the final cover barrier layer from 2 feet to 18 inches (consistent with 40 CFR 258.60)
- ◆ Notification and documentation of unit closure submitted after each unit closes

Changes Based on January 20, 2016 Comments

- ◆ Chapter 1:
 - Several minor editorial changes per comments received
 - Removed definitions of passenger tire and passenger tire equivalent
 - Separated definitions of scrap tire and used tire
 - Added to scrap tire definition: 1 scrap tire = 20 lbs.

Changes Based on January 20, 2016 Comments

◆ Chapter 2

- Several minor editorial changes per comments received
- In groundwater monitoring Section 9, applied standards to “facilities or units”
- Noted that additional filtered groundwater samples may be collected

Changes Based on January 20, 2016 Comments

◆ Chapter 2

- Clarified that a statistical evaluation is not needed if all concentrations reported for a constituent are below the PQL
- Clarified EPA recommended statistical procedures for concentrations reported below the PQL
- Separated procedures for Appendix A and Appendix C “indicator parameters”

Changes Based on January 20, 2016 Comments

- ◆ MSWLF monitoring requirements
 - Appendix A constituents above background WILL continue to trigger assessment monitoring with Appendix B analysis
 - Appendix C constituents above background will NO LONGER trigger assessment monitoring with Appendix B analysis

Changes Based on January 20, 2016 Comments

- ◆ Appendix C monitoring
 - Reduced list to:
 - 9 class of use constituents, all of which have class of use based limits in Chapter 8 of the Water Quality Rules or MCLs
 - ◆ Increase over background will only trigger groundwater classification and a comparison to the class of use limit or MCL (no Appendix B sampling)
 - 8 Cations/anions
 - ◆ Nothing triggered by an increase over background
 - ◆ Used to classify natural water quality and identify natural variability
 - Footnote added to explain the use of these constituents

Changes Based on July 20, 2016 Comments

- ◆ Definitions in Chapter 1
 - Minor changes to clarify definitions
 - Added definitions for “constituents” and “population” as used in regards to monitoring and statistics
- ◆ Other Minor Editorial Changes
- ◆ Added Provision for the Administrator to Give More Time for the Completion of Statistical Evaluations

Chapters 9 and 15

- ◆ No comments have been received regarding the elimination of Chapters 9 and 15

Solid Waste Rule Changes

THANK YOU !