



IOWA DEPARTMENT OF NATURAL RESOURCES

LEADING IOWANS IN CARING FOR OUR NATURAL RESOURCES

AWMA Midwest – Air Roundtable

May 2, 2023

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Executive Order 10

Now – Jun. 1	Draft proposed changes for keep/combine chapters and develop Retrospective Analysis.
Jun. 1 – Aug. 1	Meet with stakeholders to receive input. Prepare final Report and Analysis.
Aug. 1 – Sep. 1	Submit draft Report and Analysis to DNR Legal.
Sep. 1	Report and Analysis due to IGOV.
Sep. 2 – Oct. 30	Make changes to Report and Analysis based on IGOV feedback.
Oct. 30 – Nov. 30	DNR provides draft rule changes (Notices of Intended Action) and final Analysis for informal public input.
Nov. 30 – Dec. 31	Notices of Intended Action and final Analysis submitted to IGOV for preclearance. If cleared, proceed to EPC review.

- <https://www.iowadnr.gov/Environmental-Protection/Air-Quality/Public-Participation#Executive-Order-10-Implementation-402>

Technology Updates

- Iowa EASY Air and SLEIS
 - Mandatory use started January 1, 2023
 - What have we seen so far?

	Electronic	Paper
Construction Applications	99% (152)	1% (2)
Title V Applications	96% (45)	4% (2)
Minor Source Inventories	100% (95)	0%

Technology Updates

- Air Quality Records and Reporting (AQRR)
 - Records: Internal Records Management, Construction Permit Search (CPS)
 - Compliance reports: TV annual and semi-annual, NSPS, NESHAP, Quarterly CEMS
 - Waiting on EPA CROMERR approval
- Open Text
 - Fully replaces DocDNA electronic records system
 - Final transition in coming months

PM2.5 NAAQS Reconsideration

Annual Standard	
Current	12 $\mu\text{g}/\text{m}^3$
Proposed	9-10 $\mu\text{g}/\text{m}^3$
2019 -2021 Highest Design Value	8.7 $\mu\text{g}/\text{m}^3$
2020 -2022 Highest Design Value	8.6 $\mu\text{g}/\text{m}^3$

24-Hour Standard	
Current	35 $\mu\text{g}/\text{m}^3$
Proposed	No change
2019 -2021 Highest Design Value	23 $\mu\text{g}/\text{m}^3$
2020 -2022 Highest Design Value	22 $\mu\text{g}/\text{m}^3$

Startup, Shutdown, & Malfunction (SSM)

- A brief history
 - 2015: Iowa is one of 36 states directed to revise their SSM provisions
 - 567 IAC 24.1(1) impermissibly allows sources to exceed their emission limits during periods of startup, shutdown, or cleaning of control equipment
 - 2020: EPA rulemaking removes Iowa from SSM SIP call
 - 2022: Court remands back to EPA Iowa's removal from SSM SIP call
- EPA proposed to reinstate Iowa SIP call for SSM Feb 24

Regional Haze – Round 2 Update

- Two EGUs impacted
 - SO₂ reductions from increased use of existing scrubbers
- 60-day FLM comment period completed in Dec 2022
 - FS and NPS submitted comments
- Public comment period ended on March 16
 - 2 verbal comments received during public hearing
 - 59 comment letters received
- Next steps:
 - Drafting responses
 - Plan to request approval at June EPC meeting



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