



IOWA DEPARTMENT OF NATURAL RESOURCES

LEADING IOWANS IN CARING FOR OUR NATURAL RESOURCES

2022 Environmental Technical Conference

Midwest A&WMA

Air Roundtable

Jim McGraw, Environmental Program Supervisor

DNR AQ Staffing Update

- Return to Work plan implemented on July 1, 2021
 - 65% staff on hybrid schedule
 - 29% staff telework 100% of time
 - 6% staff in office everyday
- Nearly 15% of current AQ staff will be eligible to retire in next 3 years
- Bureau Chief and Ambient Air Monitoring Lead Worker Retirements- April 2022



- Iowa Environmental Application System for Air (EASY Air)
 - Went live December 5th, 2019
- Electronic application system for air construction permits and TV operating permits
- Staff use system to review and issue permits
- Public Access Portal:
 - <https://programs.iowadnr.gov/easyair/Public/GovEnt/Shared/Pages/Main/Login.aspx>

Current Iowa EASY Air Use



Construction permit applications: (12 month rolling total ending April 25)

Submittal Method	Major source applications	Minor source applications	Total
Online	90%	72%	81%
Paper	10%	28%	19%

Title V permit applications: (12 month rolling total ending April 15)

Submittal Method	Initial & Renewal Applications	Minor & Significant Modifications	Total
Online	93%	56%	73%
Paper	7%	44%	27%

Air Electronic Submittals Rulemaking

- Require electronic submittals of permit applications and emissions inventories beginning Jan 1, 2023
 - EASY Air and SLEIS
 - Major sources already required to use SLEIS
- Outreach focus leading up to Jan 1:
 - FAQs and list servs
 - Revamping eAirServices webpage
(<https://www.iowadnr.gov/Environmental-Protection/Air-Quality/eAirServices>)
 - EASY Air Enhancements

Air Quality Rulemakings - 2022-2023

- Federal Updates/Rule Clean-Up Rulemaking
 - Start ~ June/July 2022
 - Purpose: Adopt recent NSPS and NESHAP amendments and update or remove outdated and unnecessary state rules

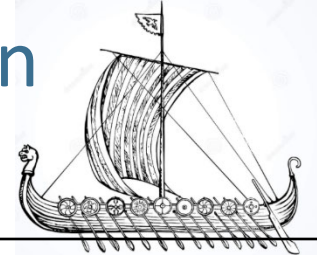
- New Source Review (NSR) Updates
 - Start ~ March/April 2023
 - Purpose: Adopt recent changes to federal regulations for NSR, including the final “Error Corrections” rule.

Regional Haze Implementation Update

- Two facilities (EGUs) impacted
 - SO₂ reductions from increased use of existing scrubbers
- Mid-June: start 60-day FLM comment period
- Mid-Sept: start public comment period
- November: SIP submittal to EPA

Muscatine 1-Hour SO₂ Nonattainment

The Saga of DNR's Attainment Plan



Oct 4, 2013	A portion of Muscatine County is designated nonattainment
May 17, 2016	DNR sends Muscatine Attainment Plan to EPA
Aug 24, 2017	EPA proposes to approve the Attainment Plan; receives comments
Jan 9, 2018	EPA publishes 1 st Supplemental Proposal -- Includes additional emissions data and modeling files
Jun 22, 2020	EPA publishes 2 nd Supplemental Proposal -- Includes alternative SSM policy
Nov 17, 2020	EPA fully approves the Muscatine Attainment Plan -- Withdraws Iowa from the 2015 SSM SIP-Call
Nov 17, 2021	DNR submits maintenance SIP and request to redesignate the area to attainment

Startup, Shutdown, & Malfunction Update (SSM)

May 2015	EPA issues SSM SIP call to 36 states
Jun 22, 2020	EPA publishes proposal for an alternative SSM policy --Would reverse EPA's 2015 SSM SIP-call for IA
Nov 17, 2020	EPA withdraws IA from the 2015 SSM SIP-Call --Iowa's excess emissions regulations for SSM events are acceptable
Sep 30, 2021	EPA withdraws Oct 2020 policy memo on SSM -- Reinstated 2015 SSM policy memo
Jan 5, 2022	Court remands to EPA (without vacature), previous withdrawal of IA from SSM SIP call.
Fall 2022	EPA proposal expected to put IA and two other states back in 2015 SSM SIP call.

Electronic Records Updates

- Transitioning from DocDNA to Open Text
- Access both systems at:
<https://www.iowadnr.gov/Environmental-Protection/Air-Quality/Public-Records-Air-Quality>
- Since Feb 4, new records uploaded to Open Text only
– DocDNA accessible throughout transition
- Transition expected to be complete by Summer 2022

Environmental Services Dashboards

- Link to dashboards at:
<https://www.iowadnr.gov/Environmental-Protection>
- Air Quality dashboards include:
 - Active construction and TV permit apps
 - Types and locations of asbestos removal projects
 - Minor & major source emissions summaries
 - GHG emissions summaries

Environmental Justice Updates

- Working with EPA to define the EJ community in IA and how to engage it
- DNR EJ webpage
 - <https://www.iowadnr.gov/About-DNR/Civil-Rights-and-Environmental-Justice>
- Including info on language services in all public comment notices
- Reviewing webpages to identify vital documents
- Rachael Zander (DNR Legal)
 - Primary work focus is on EJ issues



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