Air Quality Program Technology Updates
Iowa Strategic Goals Program
May 24, 2022
Jim McGraw, Environmental Program Supervisor
Overview

Focus on recent and upcoming air program changes associated with:

• Electronic records access

• Electronic permit applications and reports

• ESD Dashboards
Electronic Records Access
Electronic Records: Goals

• Pandemic taught us that it’s an always “ON” digital world.

• People expect to have 24/7 access to the tools they need to conduct business, including public records.

• DNR Goals:
  – All public records available on-line in next 2 years.
  – Working towards digitizing all paper records and not generating new paper records.
Electronic Records: Current Status

• Transitioning from legacy DocDNA electronic records storage system to new Open Text storage system

• 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
DocDNA Searches

- DocDNA: https://dna1.documentdna.com/index.jsp?URL_CONTEXT=/iowadnr
DocDNA Searches (cont.)

- Search by the facility to find construction permitting, compliance, emissions testing and monitoring, and minor source emissions inventory records.
Open Text Searches

• Web-based interface used to access Open Text: https://programs.iowadnr.gov/documentsearch/

• Allows easy searches by a variety of meta data:
  – Facility number or facility name.
  – Program (Air, Land, Water)
  – City or county

• Search an individual program or all programs (with additional programs as they are added).

• Bonus: Includes TV records
Open Text Searches (cont.)

Welcome to the Iowa DNR's centralized electronic document search system.

Click the Search Documents button below to search DNR documents for:

- Air Quality
- Legal - Administrative Orders
- Land Quality - Contaminated Sites
- Land Quality - Comprehensive Planning
- Land Quality - Dam Safety
- Land Quality - Flood Plains
- Land Quality - LUST
- Land Quality - UST
- Land Quality - Solid Waste Permitting
- Land Quality - SWAP
- Water Quality - NPDES
- Water Quality - Stormwater
- Water Quality - Time of Transfer
- Water Quality - Water Supply Engineering Plans & Specs

These additional DNR programs will be added soon:

- Contract Management
- Grant Tracking
- Operator Certification

DNR Records Requests can be submitted at the Iowa DNR Records Center.
Open Text Searches (cont.)
Other Online Searches

- **EASY Air Public Inquiry Portal:** Permits and applications submitted in EASY Air.
- **Construction Permits:** Air construction permits by city, county or facility name.
- **Operating Permits:** Draft and final Title V operating permits.
- **Ambient Air Monitoring Data:** Reports on current and historical air quality measurements.
- **Air Emissions:** Air emissions and trends in air emissions.
- **Iowa Administrative Rules for Air Quality:** See section 567, chapters 20 - 35.
Are there other ways to access records?

- Yes: You may submit a request for public records via the Iowa Information and Public Records Request Portal: https://iowaopenrecords.nextrequest.com/requests/new
- OR:
  - E-mailing DNR.Records.Request@dnr.iowa.gov
  - By phone: 515-725-8480
  - By mail
  - Submit requests in person at the DNR Records Center
Coming soon...

- Digitize microfilm and microfiche records
  - Upload to Open Text

- AQ Records & Reporting (AQRR) Web Application
  - Project with DNR AppDev Team
  - Records portion completed
  - Reporting- submit TV semi-annual and annual reports electronically
  - Will include CPS
Electronic Permit Applications and Reports
• 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](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 May 9)

<table>
<thead>
<tr>
<th>Submittal Method</th>
<th>Major source applications</th>
<th>Minor source applications</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online</td>
<td>91%</td>
<td>72%</td>
<td>82%</td>
</tr>
<tr>
<td>Paper</td>
<td>9%</td>
<td>28%</td>
<td>18%</td>
</tr>
</tbody>
</table>

**Title V permit applications:** (12 month rolling total ending May 12)

<table>
<thead>
<tr>
<th>Submittal Method</th>
<th>Initial &amp; Renewal Applications</th>
<th>Minor &amp; Significant Modifications</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online</td>
<td>94%</td>
<td>59%</td>
<td>77%</td>
</tr>
<tr>
<td>Paper</td>
<td>6%</td>
<td>41%</td>
<td>23%</td>
</tr>
</tbody>
</table>
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
  – Rule effective May 11, 2022

• 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
eAirServices Webpage

The DNR's eAirServices is a secure portal for online business services. It is the entry point for the regulated community and consultants to electronically complete and file air quality reports, notifications and permit applications.

+ Iowa EASY Air

+ How Do I Get or Change Access?

+ What Instructions Are Available?

+ What Kind of Training is Available for Iowa EASY Air?

+ SLEIS, State & Local Emissions Inventory Reporting

SLEIS is the State and Local Emissions Inventory System. It is a web-based emissions inventory reporting system used by industry to manage facility and equipment information and to report point source emissions data to DNR. It is an intuitive reporting system that easily allows users to enter and extract data.

Login: Emission Inventory Reporting
Questions about SLEIS? Contact us at sleis@dnr.iowa.gov or call 515-725-9544.
Environmental Services Dashboards

- Link to dashboards at: https://www.iowadnr.gov/Environmental-Protection

Introduction to Environmental Services Division Metrics

ESD Metrics

photo by Brian Gibbs/Iowa Outdoors Magazine
Air Quality Dashboard Metrics

• EASY Air: Active permit application submissions

• Asbestos Notifications

• Pollutant Emissions: Major and minor point sources

• GHG emissions summaries

• AirNow: Ambient Air Quality Monitoring
Active Permit Application Submissions Dashboard

190

Active Application Submissions

0 portable submissions unable to display on map

All active submissions are being displayed on the map

This data can also be viewed in table format on the Iowa Easy Air Applications page
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