IOWA DEPARTMENT OF NATURAL RESOURCES

LEADING IOWANS IN CARING FOR OUR NATURAL RESOURCES

Air Quality Program Technology Updates

Iowa Strategic Goals Program

May 24, 2022

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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

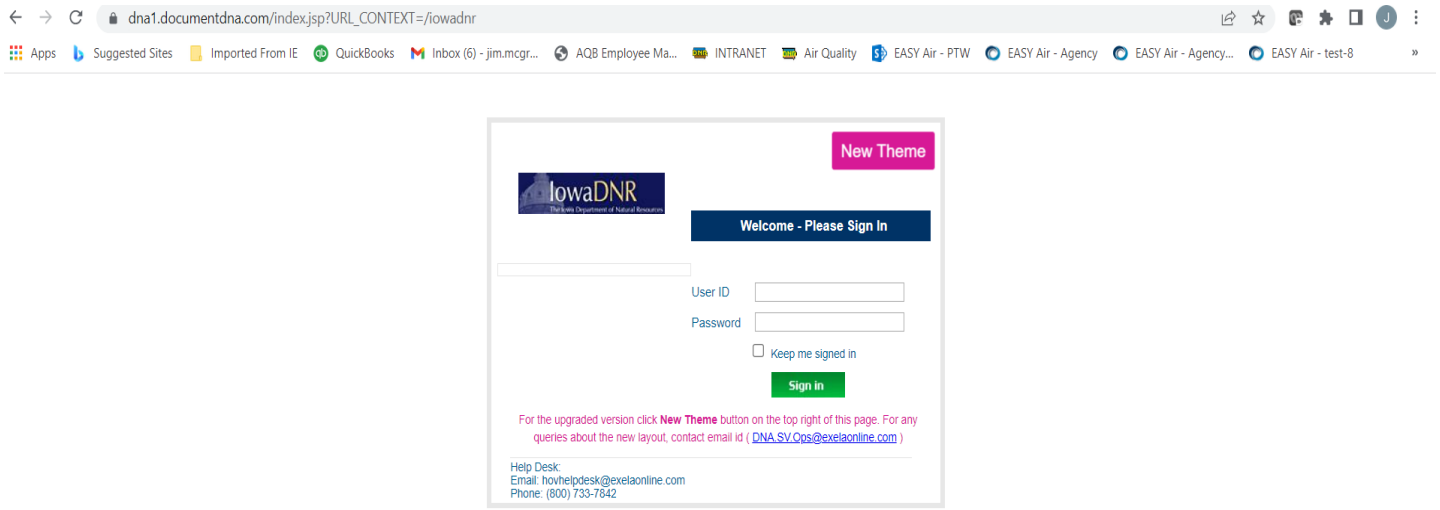
- Transitioning from legacy DocDNA electronic records storage system to new Open Text storage system

- 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

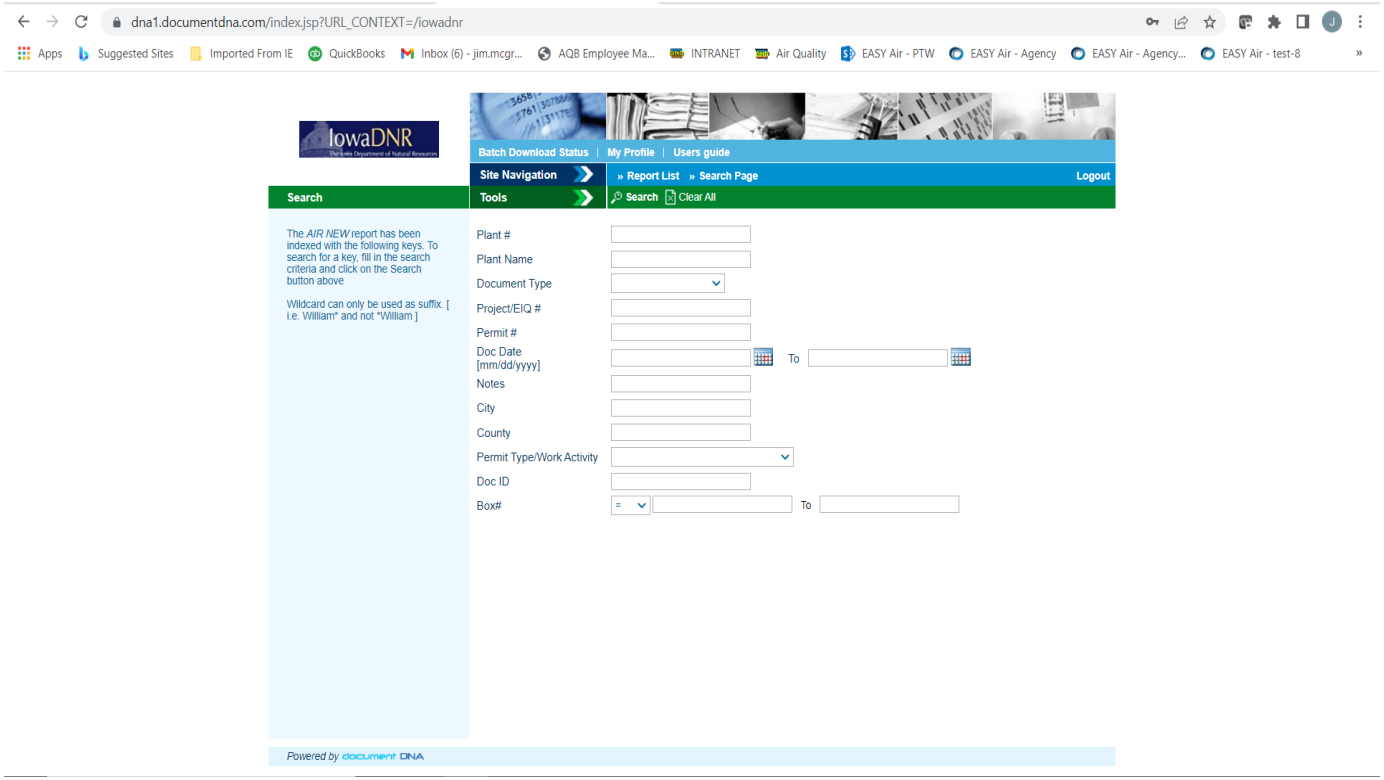
DocDNA Searches

- 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.

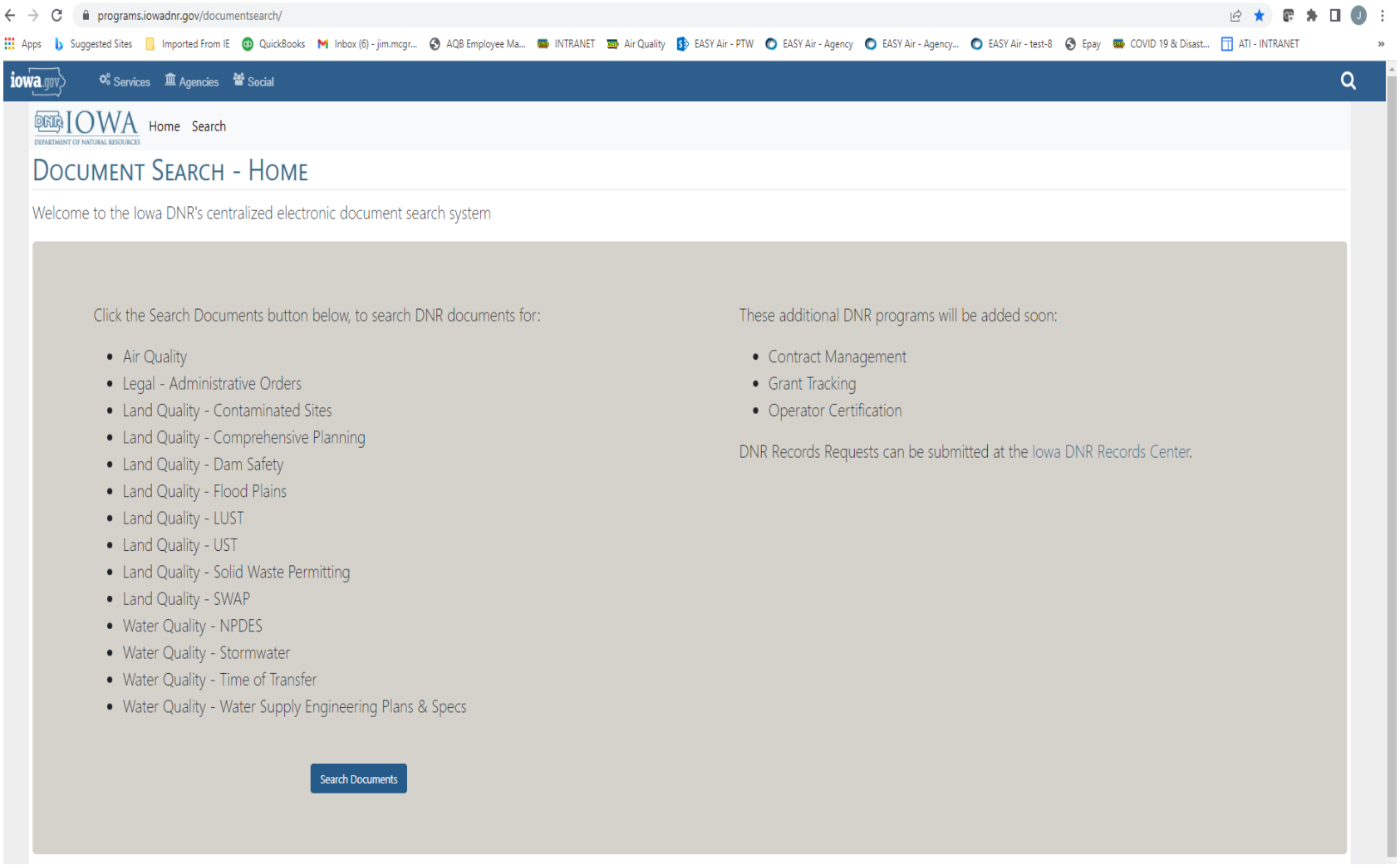


Open Text Searches

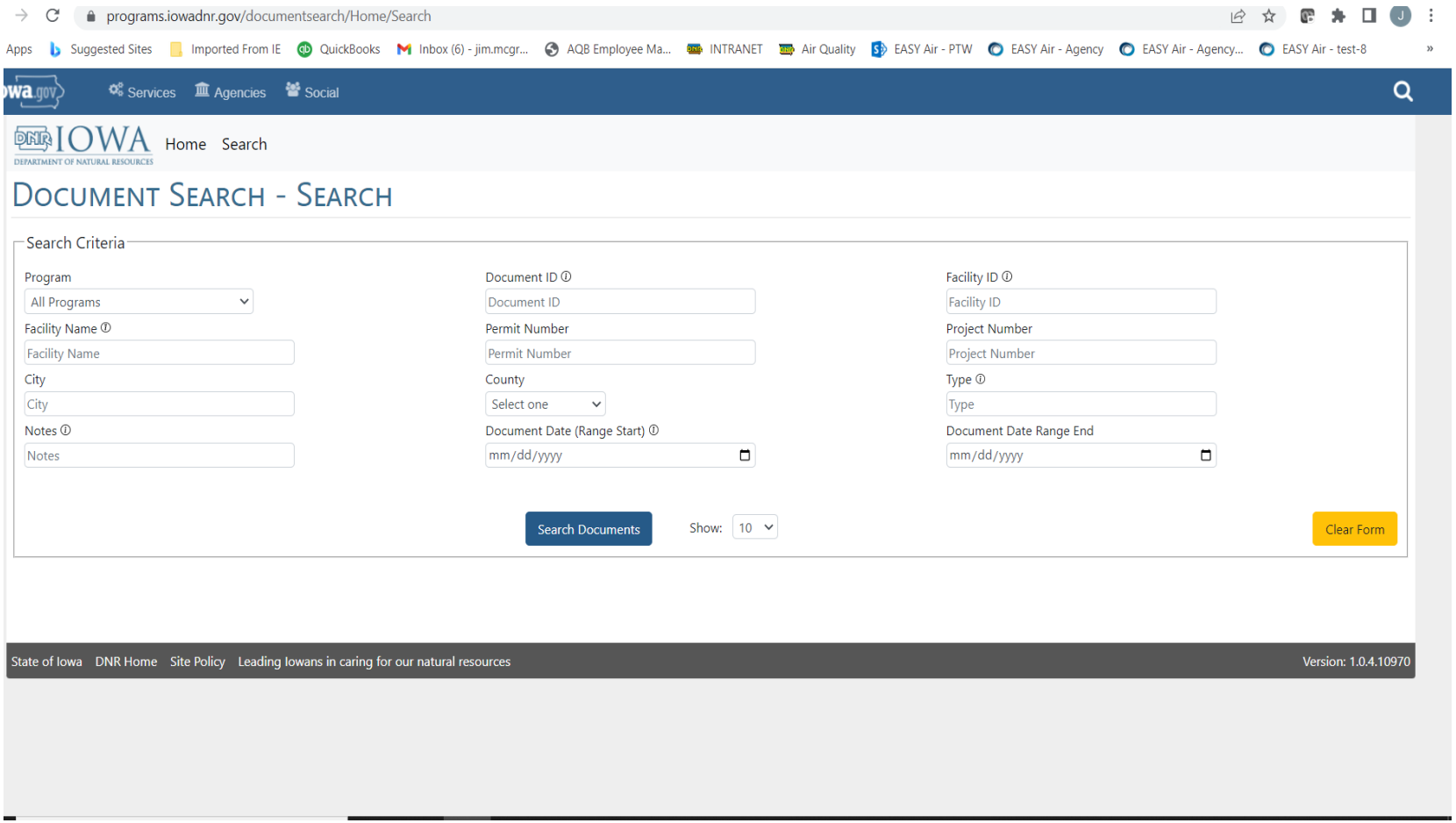
- Web-based interface used to access Open Text: https://programs.iowadnr.gov/documentsearch/

- 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.)



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 **E**nvironmental **A**pplication **Sy**stem 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 May 9)

Submittal Method	Major source applications	Minor source applications	Total
Online	91%	72%	82%
Paper	9%	28%	18%

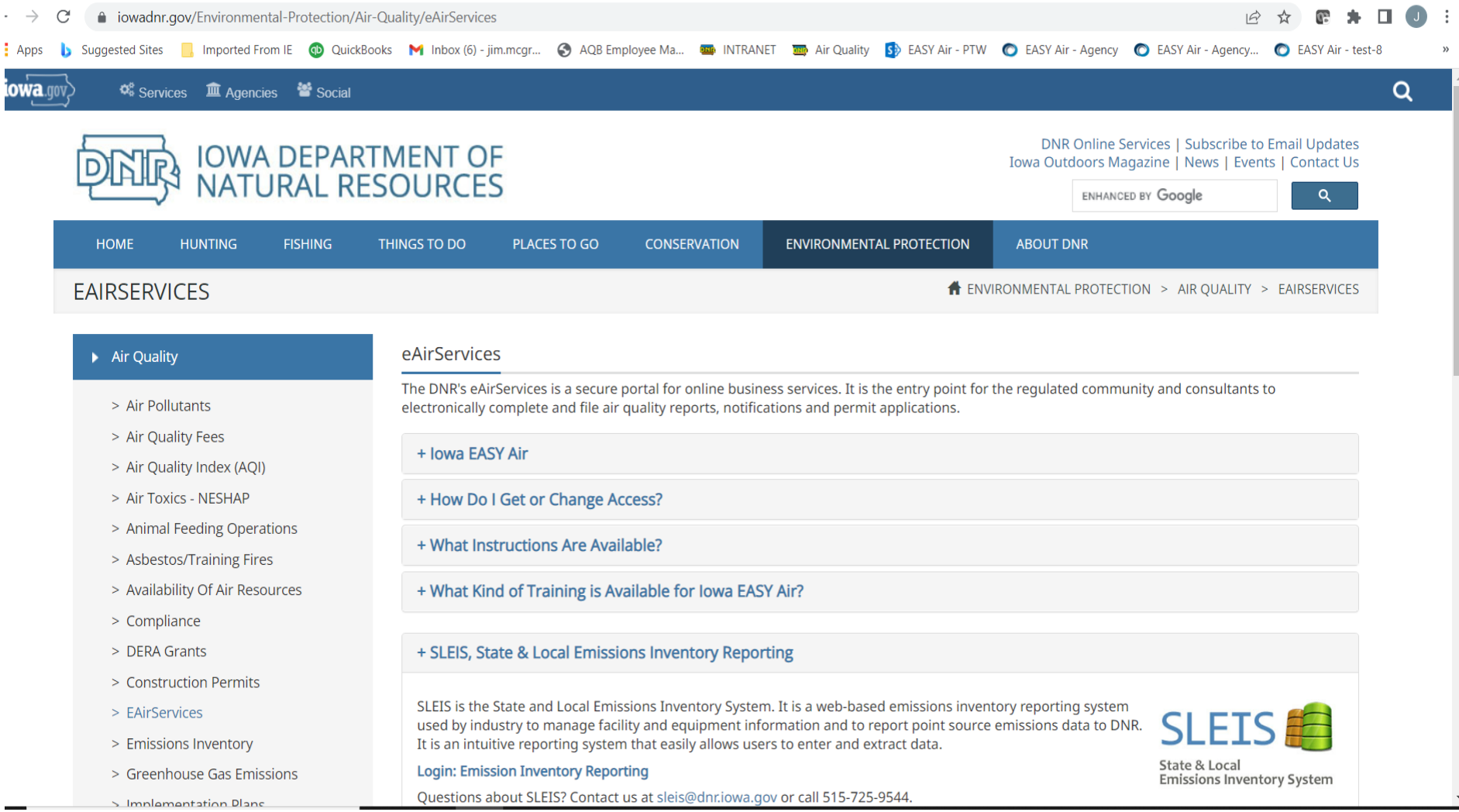
Title V permit applications: (12 month rolling total ending May 12)

Submittal Method	Initial & Renewal Applications	Minor & Significant Modifications	Total
Online	94%	59%	77%
Paper	6%	41%	23%

Air Electronic Submittals Rulemaking

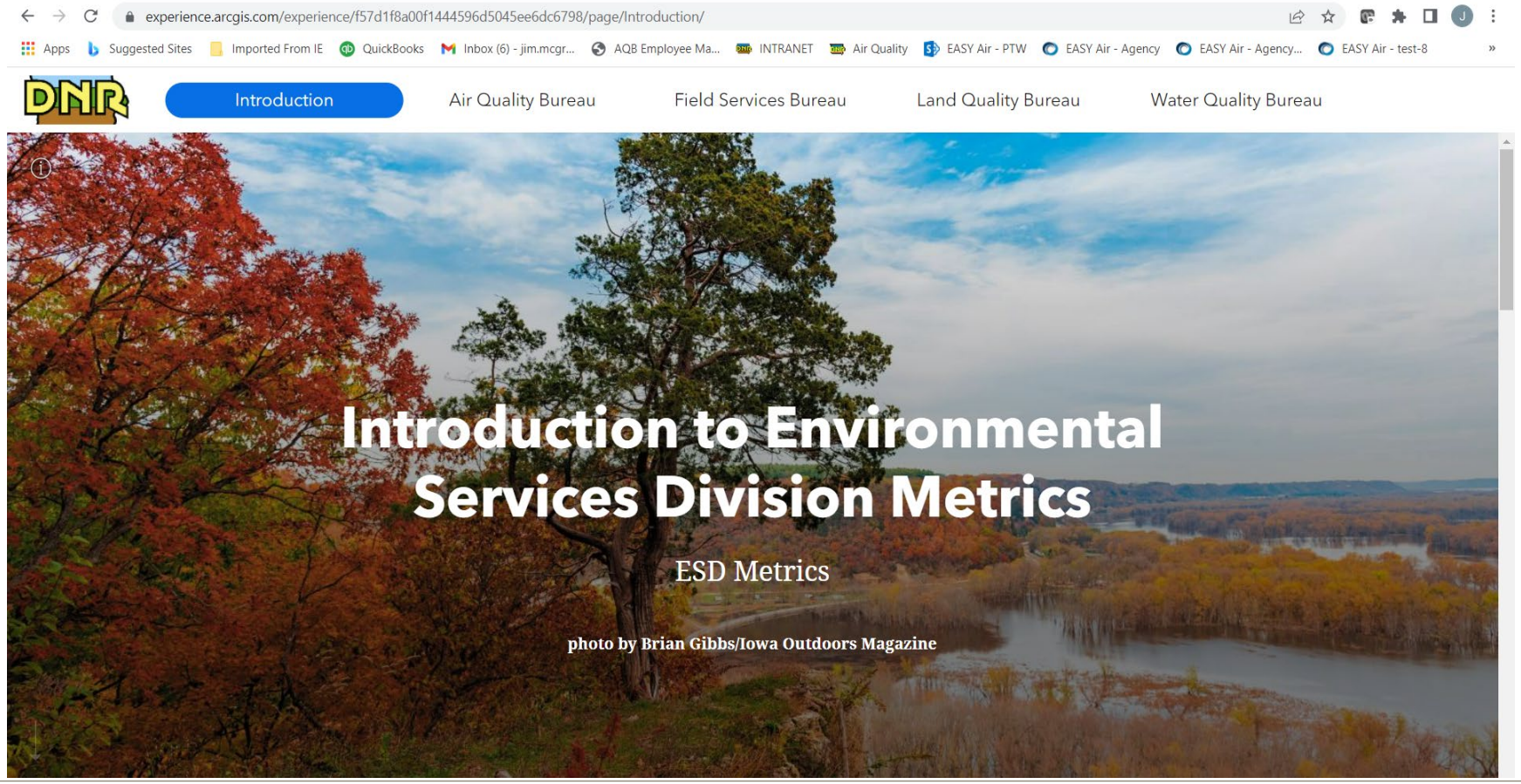
- Require electronic submittals of permit applications and emissions inventories beginning Jan 1, 2023
  - EASY Air and SLEIS
  - Major sources already required to use SLEIS
  - Rule effective May 11, 2022
- Outreach focus leading up to Jan 1:
  - FAQs and list servs
  - Revamping eAirServices webpage (https://www.iowadnr.gov/Environmental-Protection/Air-Quality/eAirServices)
  - EASY Air Enhancements

EAirServices Webpage



Environmental Services Dashboards

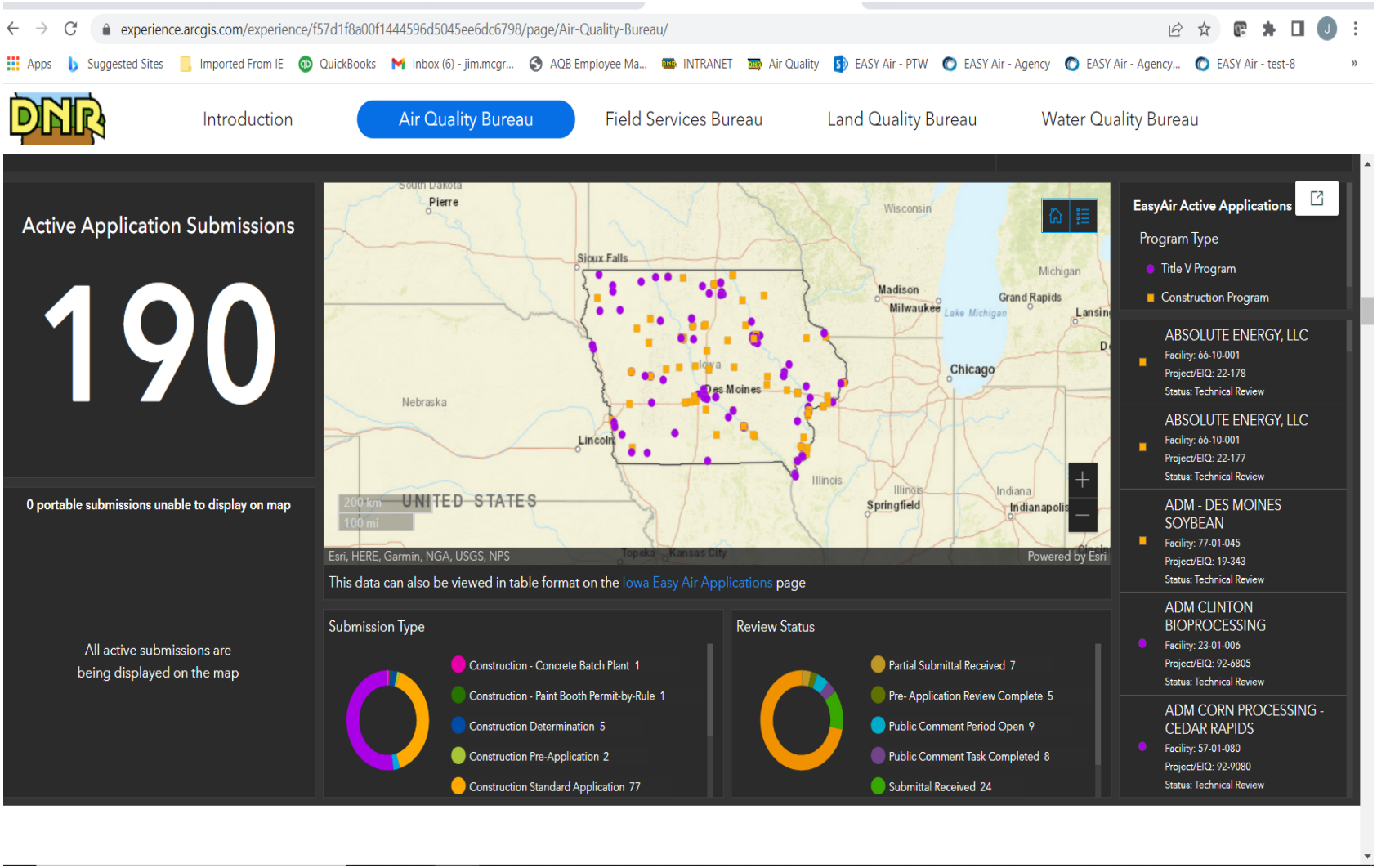
- Link to dashboards at: https://www.iowadnr.gov/Environmental-Protection



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



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