IOWA DEPARTMENT OF NATURAL RESOURCES

LEADING IOWANS IN CARING FOR OUR NATURAL RESOURCES

Iowa Environmental Application System (EASY) Air

User Group Update
November 21, 2019

Iowa EASY Air System Objectives

- Increase the number of electronic application submittals

- Improve the submittal of <u>complete</u> applications

- Improve data accuracy

- Reduce ongoing costs of collecting and maintaining air quality permitting data

- Develop a modular system with components shared with other environmental programs

Benefits

- Simplified application process for less experienced applicants with a more current, intuitive system

- Faster turnaround time for issuing permits

- Improved customer interaction with DNR
  - Online payments
  - Efficient tracking
  - Operating permits can use information already provided during construction permit application and vice versa

- Improved transparency and management of publicly available environmental data

What we've accomplished since November 2018

- Collaborated 9 days in person with Contractor to configure system

- Collaborated with Facility User Group and Communications Subgroup

- Participated in more than 60 working conference calls with Contractor

- Developed detailed mockups, workflows, user roles, tasks, and plans to describe exactly what the system will look like, field-by-field

- Reviewed Testing, Software Hosting, and Data Migration Plans; performed data cleaning

- Reviewed migrated data

- **Tested, tested, tested –** closed 332 tickets - 27 left before Go Live

Facility User Testing

- 3 week testing period September 26 – October 30

- Training provided by Contractor and DNR technical staff

- Comments received from ~20 individuals from companies:

    - 3M, ADM, Ag Processing, Alliant Energy, Barker Lemar, General Mills, IAEAP, John Deere, Knife River Midwest, Manatts, MidAmerican Energy, Monsanto, Muscatine Power & Water, NV5, OMG Midwest, Quaker Oats, Stantec, Trinity Consultants, and others

- 3M submitted a complete Title V renewal application in the test system

Facility User Tester Training

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Facility User Tester Training

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Facility User Testing Training

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Outreach and Upcoming Trainings

- DNR staff are available to give demonstrations and trainings to potential users.

- Presentations to date:
  - Associated General Contractors of Iowa
  - Training for Facility Testers
  - Pollution Prevention/Strategic Goals Planning Workshop

- Upcoming events:
  - Asphalt Paving Association of Iowa – December 4
  - Training Webinar – December 12 at 1:00 pm
    - Webinar will be recorded and posted on the eAirServices web page
    - List serve with sign-up link will be sent out tomorrow – November 22
  - Iowa-Illinois Safety Council – April 2020
  - Additional Trainings TBD

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What Do Testers & Trainees Like?

- "It's going to be a good step, definitely benefits the users…"

- "EASY is pretty intuitive to use especially if you've used other state or federal systems."

- "I'm going to like having all my data in one place and not having to recreate it."

- "This event was very good! EASY Air is a game changer!"

- "In playing in the system, I think it will be a great improvement."

- "I really like this program. I think it will be great when all the modules get working. There will definitely be a learning curve, but…I think it will be a great addition."

- "One thing I like is it takes away the question of what forms…I need and what information is required."

- "Thank you for the opportunity to work with this exciting new reporting system. The DNR should be proud."

Benefits Identified During Training

With EASY Air you:

- Can do the entire application, including attachments

- Can save and come back later – finding data under "Pending Submittals"

- Know your data is secure, encrypted and stored in one file

- Can create a Favorites list, so you don't have to sort through all the permit application types—just the ones you use

- Can search for your submissions by name, address, submittal date, etc.

- Have hot links to useful information and "how-to" tips

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Communications Subgroup

- Kick-off Meeting was held June 5, 2019

- Subgroup of Facility User Group, plus representatives from Iowa Limestone Producers, ABI, HNI, Stanley and others

- Communications products completed so far:
  - Talking points – "5 Facts You Can Share About Iowa EASY Air"
  - Fact sheet – "EASYer Sailing Ahead"
  - Sample newsletter article

- Future products to be developed:
  - Frequently Asked Questions
  - Script for Hotline staff
  - More training products

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We're approaching the Finish Line!

Task Name	Time Frame
Facility Tester Training & Testing Period	September 26 – October 18
Adjustments Based on Testing Results	October 18 – November 30
Final Revisions & Data Migration	November 11 – November 30
User Group Informational Meeting	November 21
Go Live!	December 4
Training webinar	December 12
Finish additional features: • start of construction/operation notifications • data flows to stack test database & SLEIS • construction permit rescission requests	December – January 2020
System Maintenance and Support	One full year from Go Live Date

How to Access the System

- If you have a SLEIS account, an EASY account has already been created for you.
  - Just click on "Forgot your login user name or password?"

- If you do not have a SLEIS account, click on "Create a new account".

- The Responsible Official has the option to eVerify in the system or print out a Subscriber Agreement Form.
  - If the RO is not able to eVerify, then they must submit a paper Subscriber Agreement Form w/wet ink signature.

User Roles

- Two roles: Responsible Official (RO) and Preparer

- Only the RO can make the final submittal, using their PIN.

- Responsible Officials must assign preparer rights within the system for other staff and consultants.
  - DNR has a one-page "Cheat Sheet" for Responsible Officials on the [eAirServices](#) web page.

- You can have separate Responsible Officials for Title V and Construction Permitting.

- You can have multiple preparers, but they can not work on the same application submittal at the exact same time.

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Data Migration

- EASY Air is pre-populated with facility data in SLEIS and SPARS as of **November 7, 2019.**

- This is a one-time data flow from SLEIS to EASY Air.

- New or modified data in EASY Air will flow back to SLEIS. DNR, enfoTech, and Windsor are working on the data flow from EASY Air to SLEIS under a separate contract. This data flow should be completed in February.

- Examples of data that was migrated (this is not an exhaustive list):

  - NAICS and SIC

  - Emission points
    - EP IDs
    - Stack parameters

Data Migration (continued)

- Emission units
  - EU IDs
  - Unit descriptions
  - Construction and Installation dates
  - Manufacture and model dates
  - Construction permits, limits, federally enforceable limits

- Control equipment
  - CE IDs
  - Equipment type
  - Manufacturer and model info
  - Installation dates

- Examples of data that was not migrated:
  - Maximum rated capacity
  - Potential Emissions
  - Monitoring equipment
  - Insignificant units

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Example of Migrated Emission Points

Example of Migrated Stack Parameters

Emission Point Information

Emission Point Detail Information

* Emission Point (EP) ID: * Emission Point Description:

17   EP 17 - MAIN PLANT BOILER STACK

* Is this stack/vent used as a Bypass Stack? ○ Yes ● No

* Discharge Style:
- ● Vertical
- ○ Vertical With Rain Cap
- ○ Downward (e.g. gooseneck)
- ○ Horizontal
- ○ Indoor Vented
- ○ Fugitive

* Stack Shape and Dimensions: (interior dimensions at exit point):
● Circular Diameter (ft) ○ Rectangular Dimensions: (ft.* ft.) ○ Other Dimensions (ft)

11.75

* Stack Height Above Ground: 306   ft

Exhaust Stream Information

* Flow Rate: 460100   * Unit of Measure: ○ ACFM ● SCFM

* Is the stack temperature ambient? ○ Yes ● No

* Temperature: 400   Deg F

Save   Close

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Example of Migrated Emission Units

Emission Source Information

Batch update should be used for units with identical Rules and will replace all existing items with the selected Rules. You may then further customize individual units by editing them separately.

☐ Select All ☐ Select Page All ☐ Show only items included in submittal
1 - 36 of 36 displayed, total item(s)

	View/Edit	Delete	Include in Submittal	Emission Unit ID	Installation Date	Description
☐	✐	✗	☐	44	01/01/1900	EU 44 - NATURAL GAS HEATER (INDIRECT HEATING)
☐	✐	✗	☐	01	07/15/1994	EU 01- COMBUSTION TURBINE #1
☐	✐	✗	☐	01A	07/15/1994	EU 01A - DIESEL STARTER ENGINE FOR CT #1
☐	✐	✗	☐	02	07/15/1994	EU 02 - COMBUSTION TURBINE #2
☐	✐	✗	☐	02A	07/15/1994	EU 02A - DIESEL STARTER ENGINE FOR CT #2
☐	✐	✗	☐	03	07/15/1994	EU 03 - COMBUSTION TURBINE #3
☐	✐	✗	☐	03A	07/15/1994	EU 03A - DIESEL STARTER ENGINE FOR CT #3
☐	✐	✗	☐	04	07/15/1994	EU 04 - COMBUSTION TURBINE #4
☐	✐	✗	☐	04A	07/15/1994	EU 04A - DIESEL STARTER ENGINE FOR CT #4
☐	✐	✗	☐	13	06/01/2005	EU 13 - EMERGENCY STATIONARY RICE GENERATOR
☐	✐	✗	☐	16-1	06/01/1968	EU 16 - HOUSE HEAT BOILER
☐	✐	✗	☐	17	06/01/1967	EU 17 - MAIN PLANT BOILER
☐	✐	✗	☐	18	06/01/1968	EU 18 - ASH HYDROVEYOR
☐	✐	✗	☐	18-1	06/01/1968	EU 18-1 - ASH HYDROVEYOR 2
☐	✐	✗	☐	19	06/01/1968	EU 19 - DRY FLYASH PRIMARY VACCUM PRODUCER
☐	✐	✗	☐	19-1	06/01/1996	UE 19-1 - DRY FLY ASH BACKUP VACCUM PRODUCER
☐	✐	✗	☐	20	06/01/1995	EU 20 - FLYASH STORAGE SILO
☐	✐	✗	☐	20A	06/01/1996	EU 20A - FLYASH UNLOADING (TELESCOPING CHUTE)
☐	✐	✗	☐	20B	06/01/1996	EU 20B - FLYASH LOADOUT C STONE PRODUCTION

How will DNR handle paper applications?

- Paper applications that were in-house as of Dec 3 will be data-entered into EASY Air after the permits are issued.

- Paper applications received on or after December 4 will be data-entered into the system before they are assigned to an engineer or environmental specialist.

- Starting January 1, a nominal charge for data entry of paper applications will be added to Title V and major construction permit invoices. Please refer to the FAQ on the eAirServices web page for more information.

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What if I have questions?

- Instructions, User Guides, FAQs are posted on the [eAirServices](#) web page:

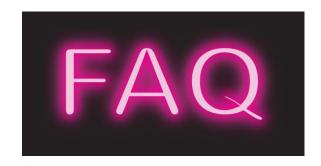- Your first point of contact should be the EASY Air Help Desk

  Iowa EASY Air Help Desk

  easyair@dnr.iowa.gov

  Kevin Connolly – 515-725-9569

  Jason Dowie – 515-725-9523

- The EASY Air Help Desk staff will transfer questions to the Construction Permit Hotline or Title V staff as necessary

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Frequently Asked Questions

- **Is use of EASY Air mandatory?** No, but it is highly encouraged!

- **Is SLEIS going away?** No, SLEIS will continue to be the system for completing emission inventories. New and modified data in EASY Air will flow to SLEIS.

- **Will I still get paper copies of my permits?** Yes, signed paper permits will still be mailed out.

- **Can I pay my application fees in EASY Air?** Yes, you may pay by e-check, credit card, check, or money order.

- **When can I start using EASY Air?** The link to use EASY Air will be posted on the eAirServices web page on Wednesday, December 4.

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Questions

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