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 complete 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
Facility User Tester Training
Facility User Testing Training
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
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
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
We’re approaching the Finish Line!

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

Form 2.0: Emission Point Information (Submittal ID: 48903)

Please fill out this form below.

Release Point Information

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<thead>
<tr>
<th>View/Edit</th>
<th>Delete</th>
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<td>01</td>
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<td>04</td>
<td>EP 04 - TURBINE #4 AND STARTER ENGINE STACK</td>
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<td>100</td>
<td>EP 100 - CRUSHER/TRANSFER HOUSE/CONVEYORS DUST COLLECTION VENT (STACK)</td>
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<td>13</td>
<td>EP 13 - EMERGENCY STATIONARY RICE GENERATOR STACK</td>
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<td></td>
<td>16</td>
<td>EP 16 - HOUSE HEAT BOILER STACK</td>
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<td>17</td>
<td>EP 17 - MAIN PLANT BOILER STACK</td>
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<td></td>
<td>18</td>
<td>EP 18 - ASH HYDROVEYOR STACK</td>
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<td>EP 18-1 - ASH HYDROVEYOR STACK (2)</td>
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<td>EP 19-1 - FLYASH BACKUP VACUUM PRODUCER STACK</td>
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<td>20</td>
<td>EP 20 - DRY FLYASH SILO VENT (STACK)</td>
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<td>EP 20A - FLY ASH UNLOADING STACK (FUGITIVES)</td>
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<td>20B</td>
<td>EP 20B - FLY ASH LOADOUT FOR C-STONE PRODUCTION STACK</td>
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</table>
Example of Migrated Stack Parameters

**Emission Point Information**

- **Emission Point (EP) ID:** 17
- **Emission Point Description:** EP 17 - MAIN PLANT BOILER STACK
- **Is this stack/vent used as a Bypass Stack?** Yes
- **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): 11.75
  - Rectangular Dimensions: (ft. x ft.)
  - Other Dimensions (ft.)
- **Stack Height Above Ground:** 306 ft.

**Exhaust Stream Information**

- **Flow Rate:** 450100
- **Unit of Measure:** ACFM
- **Is the stack temperature ambient?** Yes
- **Temperature:** 400 Deg F

**Save**  **Close**
### Example of Migrated Emission Units

#### Emission Source Information

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<tr>
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<td>44</td>
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<td>EU 44 - NATURAL GAS HEATER (INDIRECT HEATING)</td>
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<td>EU 20A - FLYASH UNLOADING (TELESCOPING CHUTE)</td>
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<td>20B</td>
<td>06/31/1996</td>
<td>EU 20B - FLYASH LOADOUT - C STONE PRODUCTION</td>
</tr>
</tbody>
</table>
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.
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
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.
Questions

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EASY Air Project Manager
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515-725-9555