Message

Sent: 2/4/2020 2:19:34 PM
To: Gillespie, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dce99ece87694a06b3009d7756e2a89e-Gillespie, Andrew]; Barrette, Michael [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=237b7449b0084c8faea3a38d2bb31ea2-Mbarre04]
CC: Montilla, Alex [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b148b5335ff44aea8970035668052f01-Montilla, Alex]
Subject: RE: PFAS Analytic Tools Version 2.0 Availability and Background Info

See embedded response below.

Tim

From: Gillespie, Andrew <Gillespie.Andrew@epa.gov>
Sent: Tuesday, February 4, 2020 8:48 AM
To: Barrette, Michael <Barrette.Michael@epa.gov>
Cc: Montilla, Alex <Montilla.Alex@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>
Subject: RE: PFAS Analytic Tools Version 2.0 Availability and Background Info

Just replied, but I am not sure when the next CC meeting is – I think I there was one last week, I was out. When we get a date we can discuss who will do the demo, probably time for some ORD folks to get ready to do demos – Tim or Alex or Drew Pilant? Though Mike if you are available, might be good to continue if you can until we get the Explorer cleared…

Tim – I know I owe you comments on the rollout presentation for the Explorer – was anything done last week, do you have another draft?

I have begun to translate the outline into slides. I will share what I have in 4 PM meeting invite.

And just so I am clear, does the presentation discuss both tools (Analytic tools v.2 and explorer v.1)? Seems we need to address both.

It would be good to start building awareness and usage of the analytic tools (since that is available EPA wide and does not need clearance). Do we have any way of knowing or finding out how many people are using the Analytics tools, any sense of usage?

Andrew J. R. Gillespie, Ph. D.
Associate Director, US EPA/ORD/CEMM
ORD Executive Lead for PFAS R&D

Office 919 541 3655 Cel Ex. 6 Personal Privacy (PP)

From: Barrette, Michael <Barrette.Michael@epa.gov>
Sent: Thursday, January 30, 2020 6:21 PM
To: Gillespie, Andrew <Gillespie.Andrew@epa.gov>
Cc: Montilla, Alex <Montilla.Alex@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>
Subject: RE: PFAS Analytic Tools Version 2.0 Availability and Background Info

Hi Andy,

I assume you will answer Jennifer. If you'd like me to do the demo, please send me the scheduler. Thanks.

Mike

From: McLain, Jennifer L.
Sent: Thursday, January 30, 2020 4:04 PM
To: Barrette, Michael <Barrette.Michael@epa.gov>; Gillespie, Andrew <Gillespie.Andrew@epa.gov>
Cc: Rose, Bob <Rose.Bob@epa.gov>
Subject: RE: PFAS Analytic Tools Version 2.0 Availability and Background Info

Can we put this on the next PFAS CC agenda?

From: Barrette, Michael <Barrette.Michael@epa.gov>
Sent: Tuesday, January 28, 2020 7:01 PM
Subject: PFAS Analytic Tools Version 2.0 Availability and Background Info

Below is information about updated software that is now available for government use. I want to thank all of you that have helped through this process, and I'm including a bit of background for those that are newer to this project.

Background on PFAS data integration efforts

- In September 2018, EPA's PFAS Steering committee asked OECA to form a cross-Agency data workgroup to review a Qlik-based application (called PFAS Analytic Tools) that had been developed by OECA as a way to see available national PFAS data in one place.
- The workgroup assisted OECA in refining the application which was released as a beta version to all EPA staff.
- In February 2019, EPA's PFAS Action Plan called for EPA to develop a public version of the PFAS Analytic Tools and work with the states to improve data sharing.
- In May 2019, EPA completed Version 1.0 of the PFAS Analytic Tools and it was released to states and government users for their use. This was a first step toward public release. EPA conducted briefings and trainings for state associations.
- In 2019, ORD came on board as the joint project lead for the project.
- In 2020, ORD assumed the lead on the project – so future communication on the project will be coming from the ORD leads. *(Mike Barrette and Amanda Pruzinsky have transitioned to ORD - Andy Gillespie (management lead), Tim Buckley (science lead), and Alex Montilla (technical lead).*

Status of Tools

- Currently there are two versions of the PFAS tools as described below – one designed for internal government use, and one under development for public release.

- **PFAS Analytic Tools - Version 2.0** (designed for government use and available to all EPA staff and government users that are registered in ECHO Gov)
    - EPA has just replaced the original Version 1.0 of the PFAS Analytic Tools with Version 2.0.
- Version 2.0 Release Notes
    - Version 2.0 has a better look and feel and improves the user experience in the following ways.
        - Presenting data layers as tabs across the top of the screen
        - Relocating the filters to the left side of the page and posting selected filters at the bottom.
        - All maps and graphs can be resized to full screen.
        - Reducing clutter of Qlik-specific controls on maps and charts, which can be confusing, by creating an intuitive user interface that interacts with Qlik
        - Data can be downloaded directly from the tool using the download icon.
        - All data sets have been updated.

- Version 2 includes a new "industry sector" tab that provides a listing of facilities that are in industries known to handle or use PFAS chemicals.
  - That tab will not be available in the public version because EPA has no verification facilities noted actually have used PFAS – they are only in industries where some facilities use PFAS.
  - The data is from ECHO and includes facilities regulated under CWA, CAA, RCRA and SDWA.
  - The SIC and NAICS codes used combined from lists maintained by OLEM, OAR, OECA and Minnesota.
  - Currently the industry sector locations cannot be combined in the integrated map, but we hope to add this feature in the future.
- EPA has also updated the "Places of Interest" tab.
  - In Version 1.0, there were limited data primarily for Superfund sites.
  - In Version 2.0, EPA has adopted a new data model which provides a greater degree of detail about locations where EPA is involved in PFAS-related activities. ORD has contacted all Regions and program offices to ensure that locations with substantial EPA involvement in PFAS activities appear in this map layer, and the list will continue being updated. *Contact Alex Montilla if you have questions about this data set or want to find out how to submit new data.*
  - EPA is working with state associations to eventually add state places of interest to this data layer.
- **Users can access the PFAS Analytic Tools via the following pathway – go to echo.epa.gov > log in > click "Analyze Trends" > click "Data Visualization Gallery" > select PFAS Analytic Tools and Navigation Center > click on PFAS Analytic Tools from the Navigation Center.**
- The current URL is

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  - Notes
    - Login (single-sign on for EPA) is required
    - The URL may change (the pathway noted above in bold will always navigate to the most current version of the tool).
- Regions may forward the above information to states if they want to alert them to the tool updates.
- As noted in the PFAS Action Plan, EPA is working on a Best Practices Guide that will be released to states and will assist them in learning how they can flow data that will appear in the PFAS Analytic Tools. That Guide is not yet completed.

- **National PFAS Data Explorer** (beta version of the public tool, which has not been released)
  - I wanted to be sure that EPA users are aware that we have re-named the version of the tool that will be public to the "National PFAS Data Explorer."
  - Generally, the look and feel of the products are the same. Same improvements as above and provides better mobile device responsiveness.
  - The main differences are the National PFAS Data Explorer, when released, will have informational text geared to public audiences, and will not include the "industry sectors" tab.
  - ORD is working with senior managers across the agency on site updates and a timetable for public release.

Thanks again for your assistance through this process.

Mike Barrette
Chief, Integration Targeting and Access Branch
US EPA Office of Compliance
202-564-7019