

## Facility Registry Service & eEnterprise –with states, tribes & territories

### Agenda

- Describe Big Picture approach, provide clear examples
- Discuss goals of partnering with states
- Provide a list of resources for working with FRS to meet current and eEnterprise needs

### Big picture: FRS and eEnterprise

For eEnterprise to succeed, we need to build and maintain associations between facilities and their sub-facility components, contacts, and corporate parents

#### *From the FRS perspective, we need to...*

- Build a network of data stewards, and provide them with an array of data quality tools
  - Getting more “eyes on the data” to improve data quality and gather user requirements
  - Engaging multiple communities at EPA, now reaching out to states, tribes, and territories
  - Modernized Facility Linkage Application (FLA) is now accessible to stewards outside EPA
- Harmonize facility data elements, in order to build a facility “profile”
  - Need to minimize incongruent facility data elements used in EPA programs/regulations
- Maximize front-end integration, to validate data as it is being reported
  - Starting with direct reporters, integrating an FRS lookup service into CDX reporting forms
  - Will pre-populate facility data, and enable correction/validation at the source
  - Could states build something like this?
- Develop a new data model with a persistent facility identifier
  - Improved data model; participating in cross-gov’t efforts; will enhance data standard
  - Have completed the subfacility API shown at the last EN conference
- Integrate facility contacts data with a new Federal Identity Management system
  - Evaluating transactional requirements with CDX, and analytical requirements from users
  - Including contacts data from multiple sources and purposes
- Link facilities and contacts with their corporate parent organizations
  - Heavy lift. Participating in government-wide initiatives; evaluated D&B and other sources
- Use facilities information to model regulatory requirements
  - Goal: calculate facility requirements using facility data elements and industry parameters
  - Adding regulatory references to data elements will also enable better use of the data
- Integrate facility services with new eEnterprise platform
  - Developing multiple lookup services and APIs

#### *FRS approach*

- Build partnerships and gather business requirements each step of the way
- Take practical steps and achieve clear benefits each step of the way

### Recommended next steps for states, tribes and territories

Work with us! Register to use the FLA, check out the FRS APIs, and consider how you could build front-end integrators. Join our network of facility data stewards, and share with us your business requirements!

# 2014 Exchange Network National Meeting USEPA Facility Registry Service Resource Sheet



## I. FRS GetFacilities Lookup Service

This versatile REST API allows facility data to be queried and retrieved in a number of ways, for example by specifying alternate IDs, by spatial query and other parameters - and will return a variety of useful data elements, such as other associated IDs and permit numbers, lat/long values, value add attributes such as HUC/WBD.

Documentation on the REST API: [http://www.epa.gov/enviro/html/fii/FRS\\_REST\\_Services.html](http://www.epa.gov/enviro/html/fii/FRS_REST_Services.html)

Sample code illustrating use scenarios: <https://github.com/USEPA/FRS-getfacilities-samples>

## II. FRS Subfacilities ArcGIS Service

This ArcGIS Map Service provides mapping of subfacility information such as outfall locations and airstacks. It can be a useful GIS resource for analysis and other purposes.

This map service is located at the following location:

[http://geodata.epa.gov/arcgis/rest/services/OEI/FRS\\_Subfacilities/MapServer](http://geodata.epa.gov/arcgis/rest/services/OEI/FRS_Subfacilities/MapServer)

## III. FRS Linkage Application

The FRS team has added capability to open the FRS Linkage Application (FLA) to partner data stewards. This will open FRS up to allow state, tribal and territorial data stewards to perform comparative analysis of program linkages, data validity and QA, and can provide a variety of useful reports, as well as allowing partner agencies to submit updates and revisions to erroneous and incomplete information. It can also allow state, tribal and territorial partners to leverage the EPA FRS data stewardship network for high priority data quality initiatives, such as emergency response.

Interested partner agencies are encouraged to register for access to the FLA and collaborate with their EPA regional staff. FLA works through EPA Portal/Extranet authentication. The FLA tool and registration link are located here:

<https://frsfla.epa.gov>

## FRS Contact Information

The FRS Team is:

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