E-ENTERPRISE
for the environment

Modernizing the business of environmental protection

PROJECT SUMMARY

The E-Enterprise Facility Integration Project is developing shared services to connect various sources of regulated facility information to streamline reporting and yield more accurate, timely facility information. An integrated facility identification approach will support regulatory burden reduction, cross-program coordination, and the ability to correct data as it is reported.

PROJECT LEADS

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FACILITY INTEGRATION

Bridging state, local, tribal, and federal sources of facility data to develop a comprehensive approach to facility information

Accomplishments

In Phase II, the Facility team conducted a State Master Data Management (MDM) Pilot with Rhode Island. The pilot implemented shared facility services in a test environment that enables joint facility data management between EPA and Rhode Island's MDM systems. This effort will help usher in a new era of joint collaborative information management and allow for higher data quality and more timely facility information.

The Facility team developed a draft implementation guide to assist with additional testing of the facility shared services. The implementation guide provides information that other partners need to test the services with their systems and will be refined based on input from subsequent testing.

The team developed another living document, *Facility Business Rules to Support Integration of Facility Information (1.0)*. These business rules will continue to be refined as the facility services incorporate additional fields, such as sub-facility data, and serve as the basis of scoping facility governance requirements.

Upcoming Milestones

The Facility team's workplan for Phase III includes the following goals:

- Extend participation in testing facility services to other state, local, and tribal agencies (SLTs) for comprehensive assessment of downstream-user impacts
- Perform a gap analysis in fields required for the E-Enterprise Combined Air Emission Reporting tool's four air reporting systems: National Emissions Inventory, Toxics Release Inventory, Greenhouse Gas Reporting Program, and Compliance and Emissions Data Reporting Interface, with fields used in EPA's Facility Registry Service (FRS) and in SLTs air programs
- Perform a pilot to demonstrate that, through EPA's FRS, partners without facility MDM plans can take advantage of shared facility services and joint data curation
- Scope requirements for a unified facility status micro-service to support multiple environmental programs and
- Scope the requirements for E-Enterprise facility governance and propose a governance framework.