Using SLEIS for Efficient Emissions Inventory Management

2019 Emissions Inventory Conference
Tools Session

July 31st, 2019

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Topics

1. Overview

2. Recent Enhancements

3. Demonstration

4. Upcoming Enhancements

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SLEIS – State and Local Emissions Inventory System

Overview

What is SLEIS?

- The State and Local Emissions Inventory System (SLEIS) is a web-based application enabling the regulated community to manage and submit point source emissions inventory data and related meta-data to state and local agencies.

- Highly customizable, allowing each state or local agency to configure the system to meet their own unique needs

- Provides a CROMERR-compliant, secure reporting mechanism

- Supports multiple reporting years of emissions inventory data as well as management of an independent "master" facility inventory

- Enables regulatory agencies to manage, review, and validate the collected data

- Manages the generation and submission of required data files to EPA's EIS by the state or local agency

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Original Consortium Members

- Arkansas Department of Environmental Quality

- Arizona Department of Environmental Quality

- Delaware Department of Natural Resources and Environmental Control

- New Hampshire Department of Environmental Services

- West Virginia Department of Environmental Protection

- Metropolitan Government of Nashville and Davidson County, Tennessee

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Also Used By

- Environmental Health Department - City of Albuquerque, New Mexico
- Air Pollution Control District – City of Louisville, Kentucky
- Salt River Pima-Maricopa Indian Community, Arizona
- Hawaii Department of Health
- Kansas Department of Health and Environment
- Iowa Department of Natural Resources

- Nebraska Department of Environmental Quality
- Nevada Department of Environmental Protection
- Oklahoma Department of Environmental Quality
- South Carolina Department of Health and Environmental Conservation
- Utah Department of Environmental Quality

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SLEIS – State and Local Emissions Inventory System

Recent Enhancements

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Recent Enhancements

- Batch processing capability which allows public users to manage multiple facility reports in bulk; simultaneously start, print, download, import, validate, and electronically submit

- Improvements and enhancements to technical architecture

- Expanded/enhanced emission factor and emissions calculation options

- Collection and management of minor source (summary only) emissions reporting

- Validation for throughput selections (unit, type, and material) by SCC

- Improvements to PDF rendition of Copy-of-Record, including CBI redaction

- New data elements to enable flexible business process needs

- Integration with agency portals for authentication and user management

- Other enhancements and updates including regular review and updates for EIS QA checks and reference data

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SLEIS – State and Local Emissions Inventory System

Demonstration

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Demonstration

- Demonstration of recent enhancements

SLEIS – State and Local Emissions Inventory System

Upcoming Enhancements

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Upcoming Enhancements

- Support for potential and permitted (PTE) emissions

- Apply asynchronous processing to additional application features

- Continue infrastructure updates/improvements

- Integration with EPA SCC and WebFIRE/AP-42 Web services

- Enhance administration module to include additional configuration and reference data

- Rich-text/HTML editor for application help

- Custom reporting module integrated within application (ad hoc search/filter criteria, save for reuse, export results)

- Updates for EIS business rule and reference data changes

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More Information

http://windsorsolutions.com/Products/SLEIS/

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