

# Facilitating Efficient, High-Quality Emissions Inventory Reporting

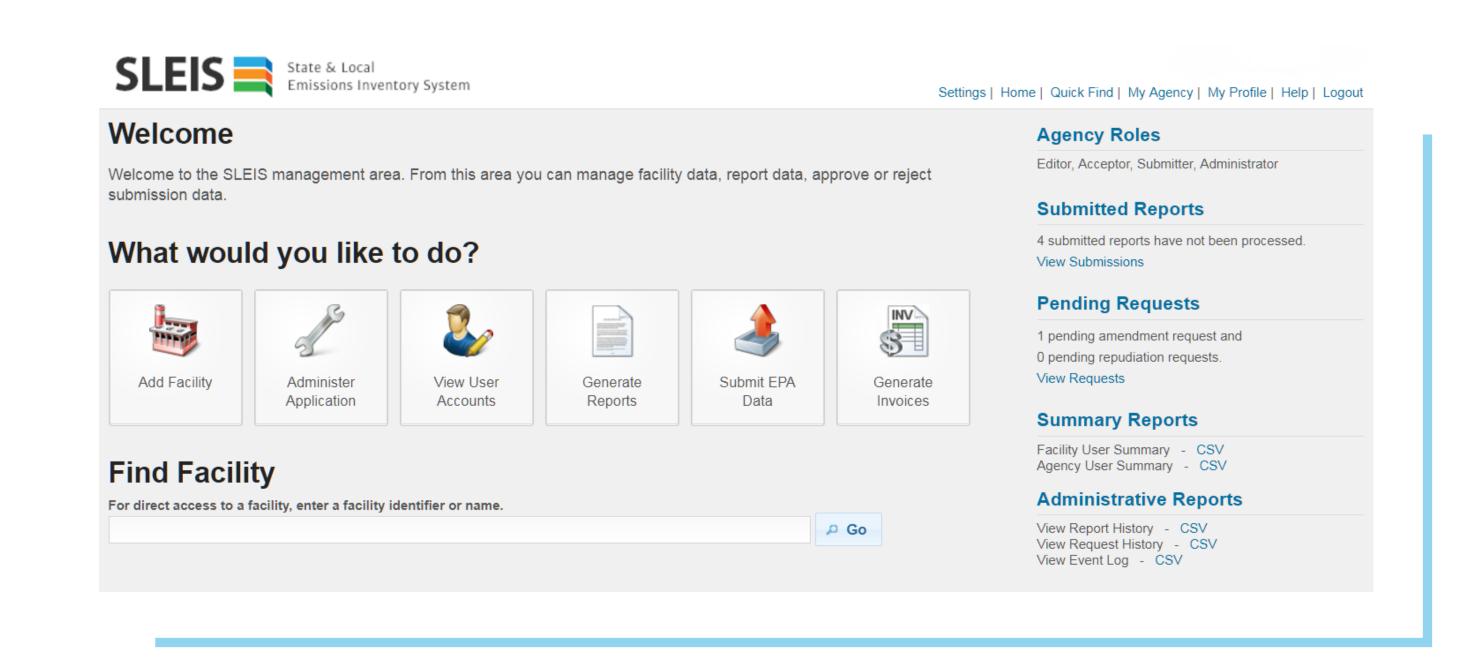


8\_2 - EPA Emission Factor (pre-control)

@ Emission Factor Unit:

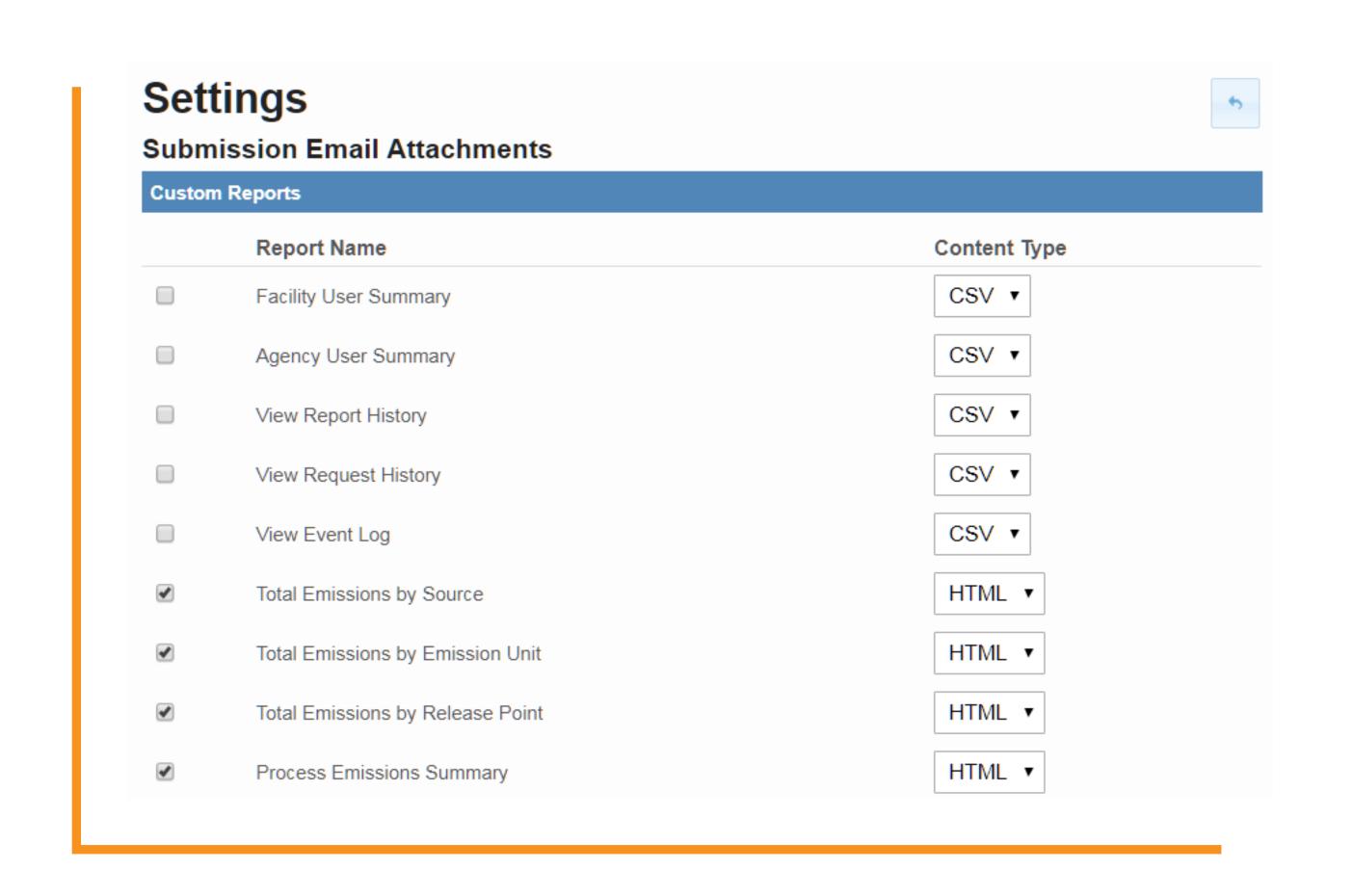
Overall Control Efficiency (%):

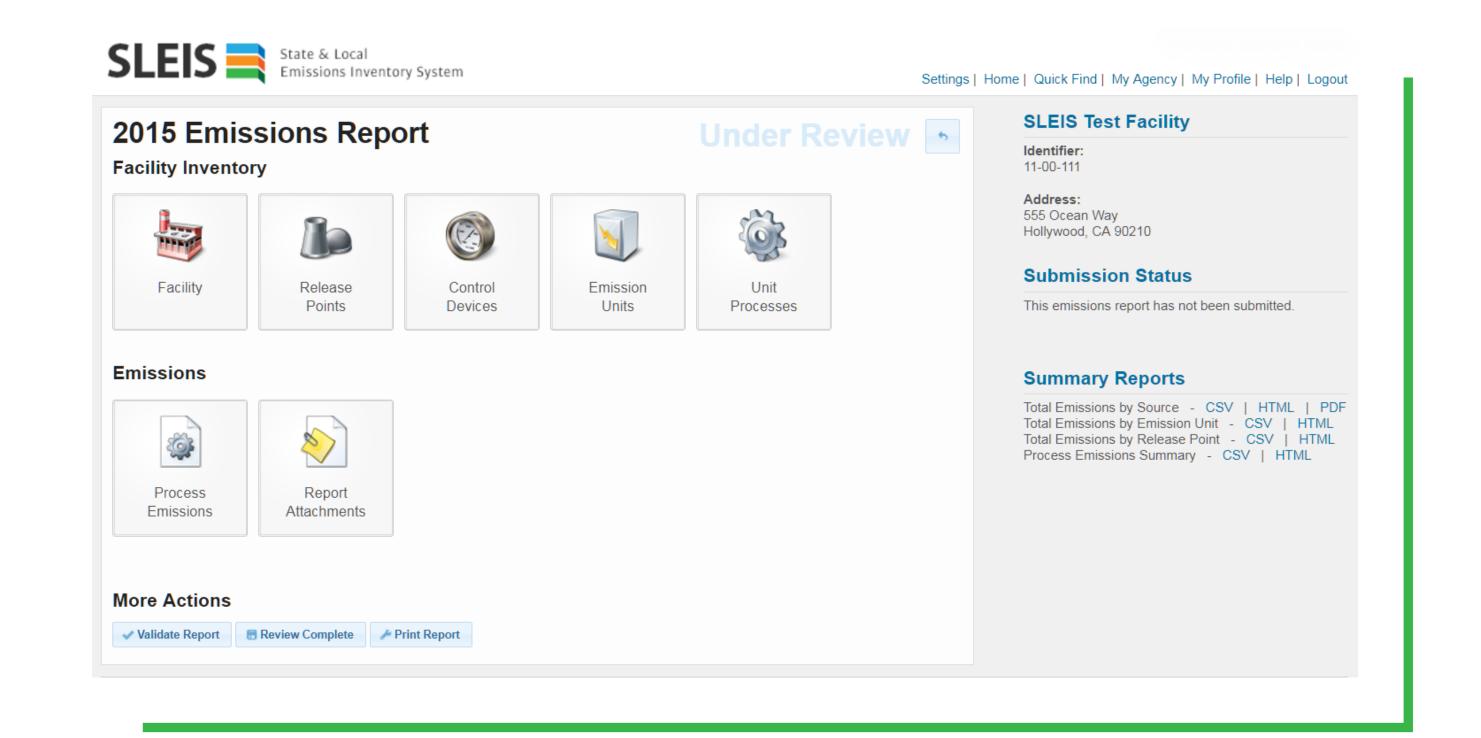
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The State and Local Emissions Inventory System (SLEIS) is the **most widely-used tool** for reporting point-source air emissions data to the US EPA. Through a CROMERRcompliant online process, regulated sources can submit point source emissions, inventory data, and related information.

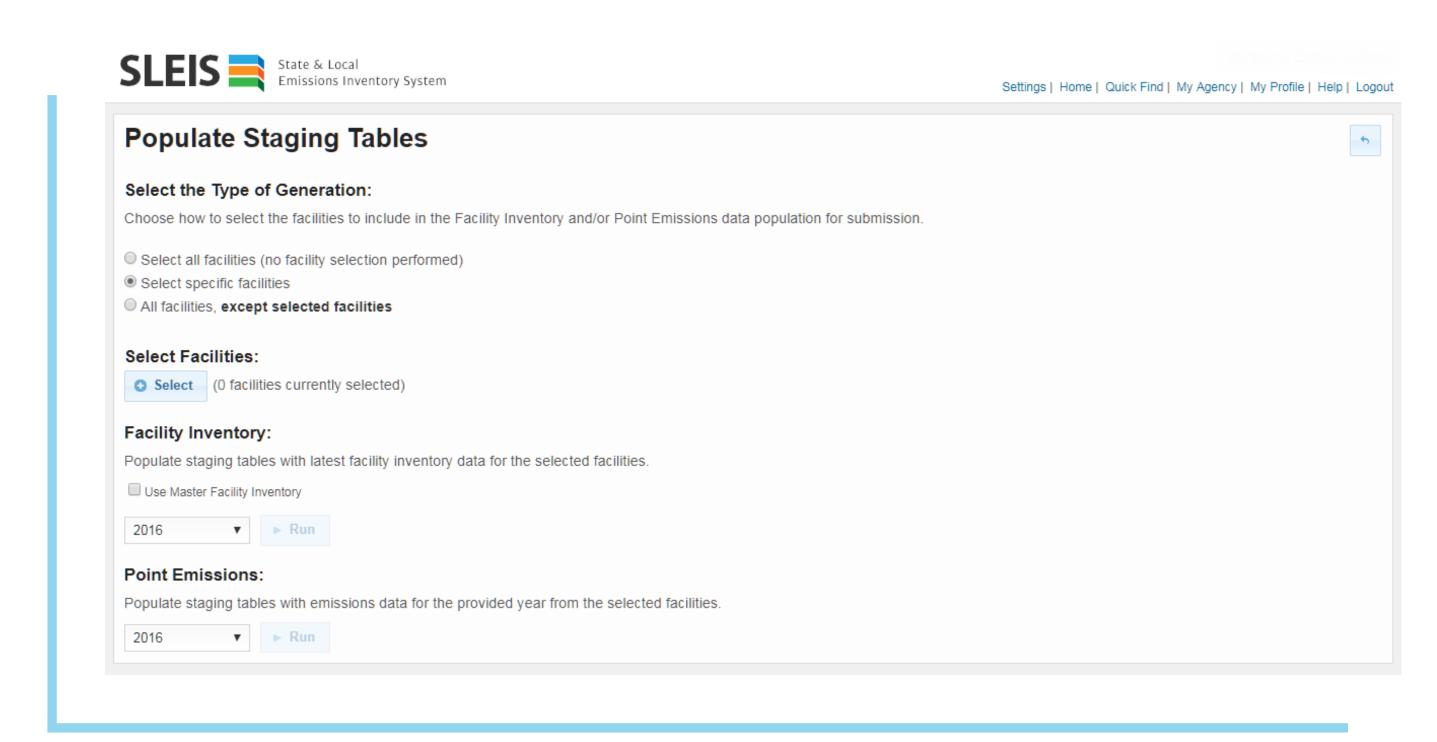
Highly customizable, SLEIS allows each state or local agency to **configure the system to meet its own unique needs**. Built-in validation rules cover most of the same checks performed by the US EPA, greatly reducing quality assurance checks and submission errors.





Agency users can review/edit reports, approve or deny amendment requests, generate data reports for analysis, and create emissions fee invoice reports.

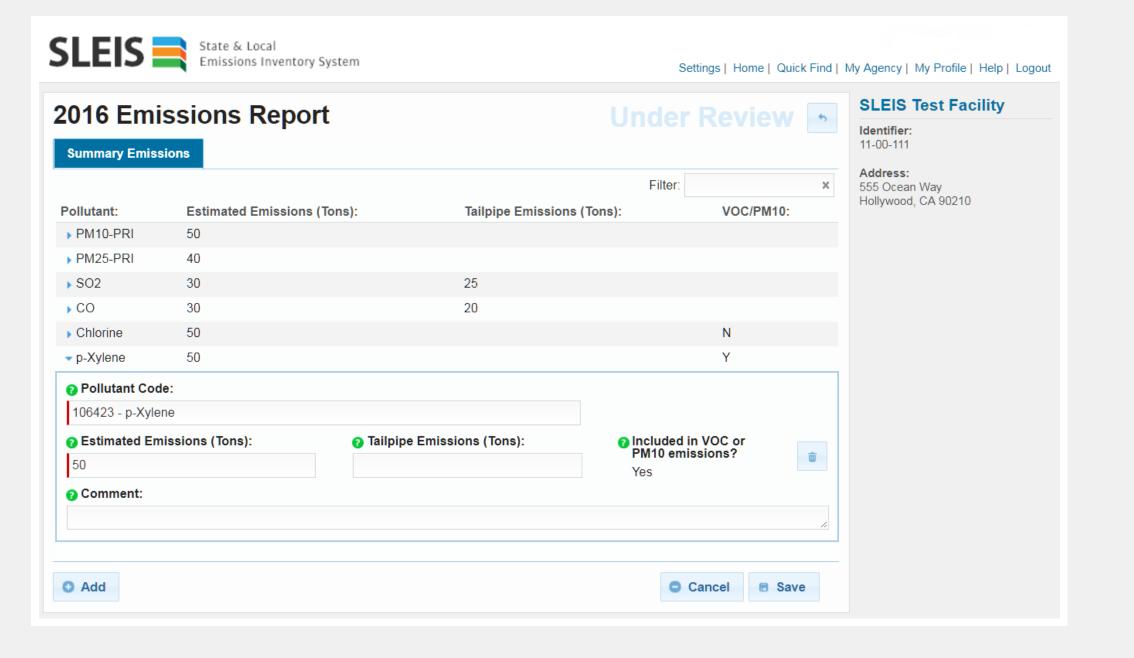
SLEIS allows agency users to populate CERS staging tables with facility inventory and point source emissions data. A built-in Node client can then be used to generate CERS XML files and submit them directly to EIS.



## COMING FALL 2017 SLEIS v2.0

### **Expanded Emission Factor and Emissions Calculation Options**

- Selection of AP-42 and WebFIRE factors and formulas within the application for use in auto-calculation of total emissions
- Complex formulas using multiple variables are supported, as well as validation and quality control measures
- Material balance emission factor calculation
- The use of operating hours for calculation



#### Minor Source (Summary) Emissions Reporting

Reporting of facility-wide pollutants without requiring full facility inventory data

Pollutant Code:

((0.1\*SU)-0.03)\*24.6

Comment

PM-CON - PM Condensible

Emission Factor (Lbs/Unit):

Submitted to agency through CROMERR-compliant electronic signature and submission process

#### **Emissions Fee Invoice Report Generation**

HAP and Additional Regulated Air Pollutant Fee Subtotal (tons):				+	0
Emissions Subject to Fee TOTAL (tons):				=	6,136.58
	EMISSI	ONS INVENTORY FE	E		
Emissions Subject to Fee TOTAL (tons):		Emissions Fee Rate			Fee Due
6,136.58 Tons	х	X \$63.35 Per Ton =			\$388,752.34
	REGULA	TED AIR POLLUTAN	TS .		
Regulated Air Pollutant		Total Emissions (tons)  full amount, may be over tons per pollutant)  Total Tailpipe Emissions (tons) (not subject to fees)		Emissions Subject to Fees (tons) (maximum of tons per pollutant)	
PM10-FIL		80.5		0	No Fee Required
PM25-FIL		21		0	No Fee Required
PM-CON		12.66		0	No Fee Required
SO2		3018.01		0	3018.01
NOX		3019.45		0	3019.45
VOC		99.12		0	99.12
CO		809.1		0	No Fee Required
NH3		2.12		0	No Fee Required
		Regulated Air P	ollutants Sul	btotal (tons):	6,136.58
HAZARDOUS AIR POLLU (hazardous air pollutants and additional regulate	TANTS (HAP) ed air pollutant	) AND ADDITIONAL is that are also a VOC of	REGULATED or PM are not s	AIR POLLUT	ANTS to avoid double counting)
Pollutant Name		CAS No.		missions ns)	Emissions Subject to Fees (tons)
Chromium		7440473		0	No Fee Required
p-Xylene		106423		0	No Fee Required
P - 7		100120		-	· · · · · · · · · · · · · · · · · · ·

- PDF invoice report generated and printed invdividually or in bulk
- Saved to each facility'sReport Attachments folder
- Can be automatically emailed to users after created

#### **Additional Enhancements**

- Selection of valid throughput parameters (unit of measure, type, material) by SCC
- Customizable, system-generated identifiers for new Facility, Release Point, Control
- Device, Emission Unit, and Unit Processes
- Enhancements to Process Emissions page
- Operating activity percentages can be reported by month (seasonal values calculated for EIS submission)
- New fields for Operations Start Time and Operations End Time
- New field for Actual Days of Operation
- New field for Stack Test Date
- Integration with agency portals for authentication and user management
- Enhancements to navigation and ease-of-use