EPA's Electronic Reporting Process: An Overview of the ERT, CEDRI and WebFIRE

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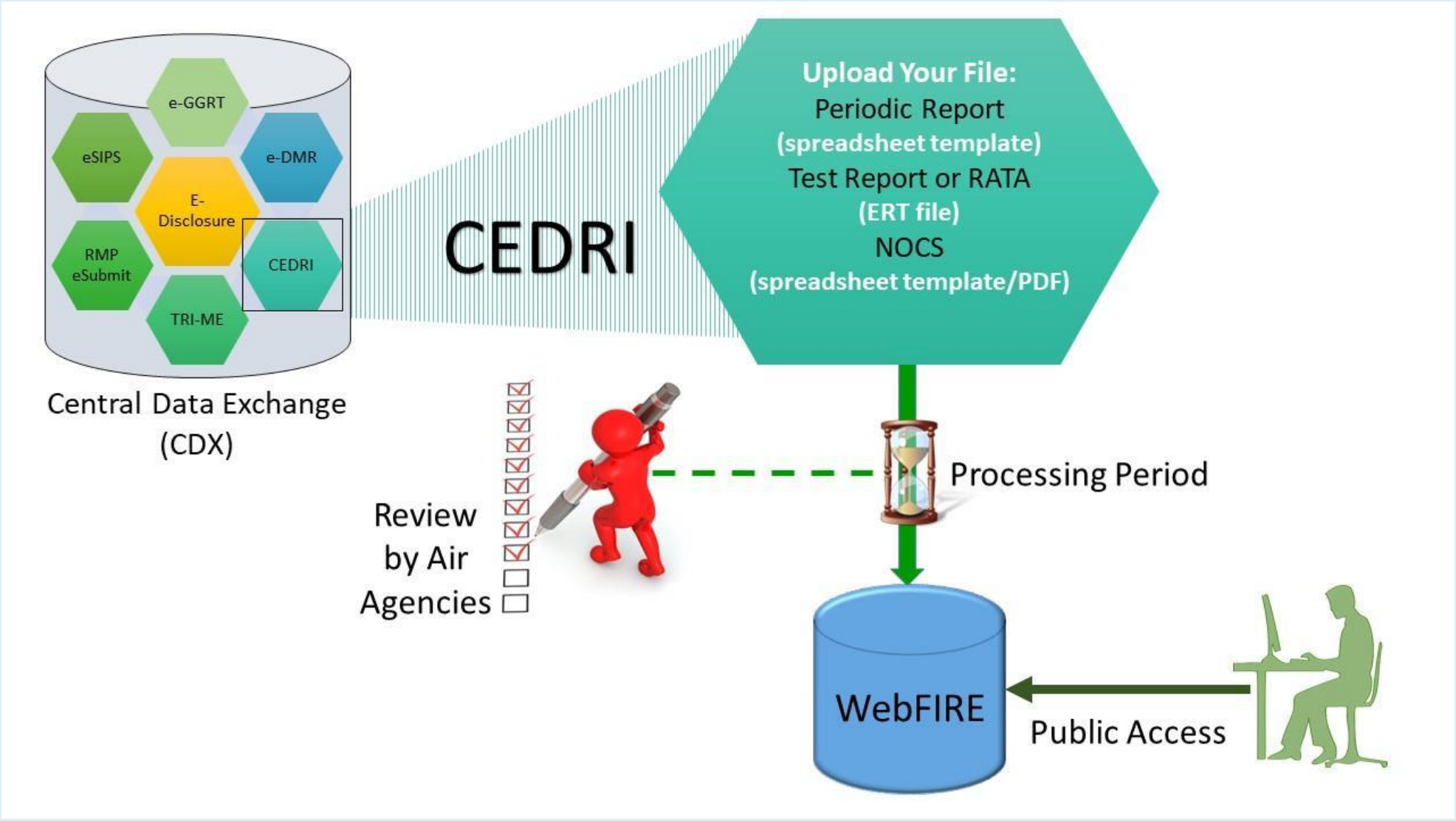
Office of Air Quality Planning and Standards
Sector Policies and Programs Division
February 10, 2021

Electronic Reporting Process Overview



Topics for Discussion

- Overview of Process
- Benefits of Electronic Reporting
- Regulations
- Files – Electronic Reporting Tool files and spreadsheets
- Compliance Emissions Data Reporting Interface
- WebFIRE
- Emissions Factor Development

How EPA Uses the Data?

- Emissions factors revisions
- Emission inventory improvement
- Maximum Achievable Control Technology (MACT) floor development
- Risk and technology review
- Control device assessment
- Detection limit review
- Data sharing

Other Benefits

- Reduced data entry
- Report standardization
  - Data elements outlined
  - Quicker reviews
  - Imbedded QA checks
- Accessibility
- Federal repository
  - Includes data back-up
  - Reduces hardcopy storage needs

Regulations and Report Types

- Rules requiring electronic reporting
  - Part 60 New Source Performance Standards
  - Part 62 Federal Plans
  - Part 63 National Emission Standards for Hazardous Air Pollutants
- Report type requiring electronic reporting
  - Notification of Compliance Status (pdf)
  - Semiannual/Annual Compliance Report templates (spreadsheets)
  - Performance Test Report and Performance Evaluations (ERT file)

What is the Electronic Reporting Tool (ERT)?

- A Microsoft (MS) Access application originally developed to create stationary source sampling test plans and reports to help develop and refine emission factors.
- It calculates test results from data entered into the tool and includes supporting documentation to create a complete electronic report for submittal.

What is the ERT?

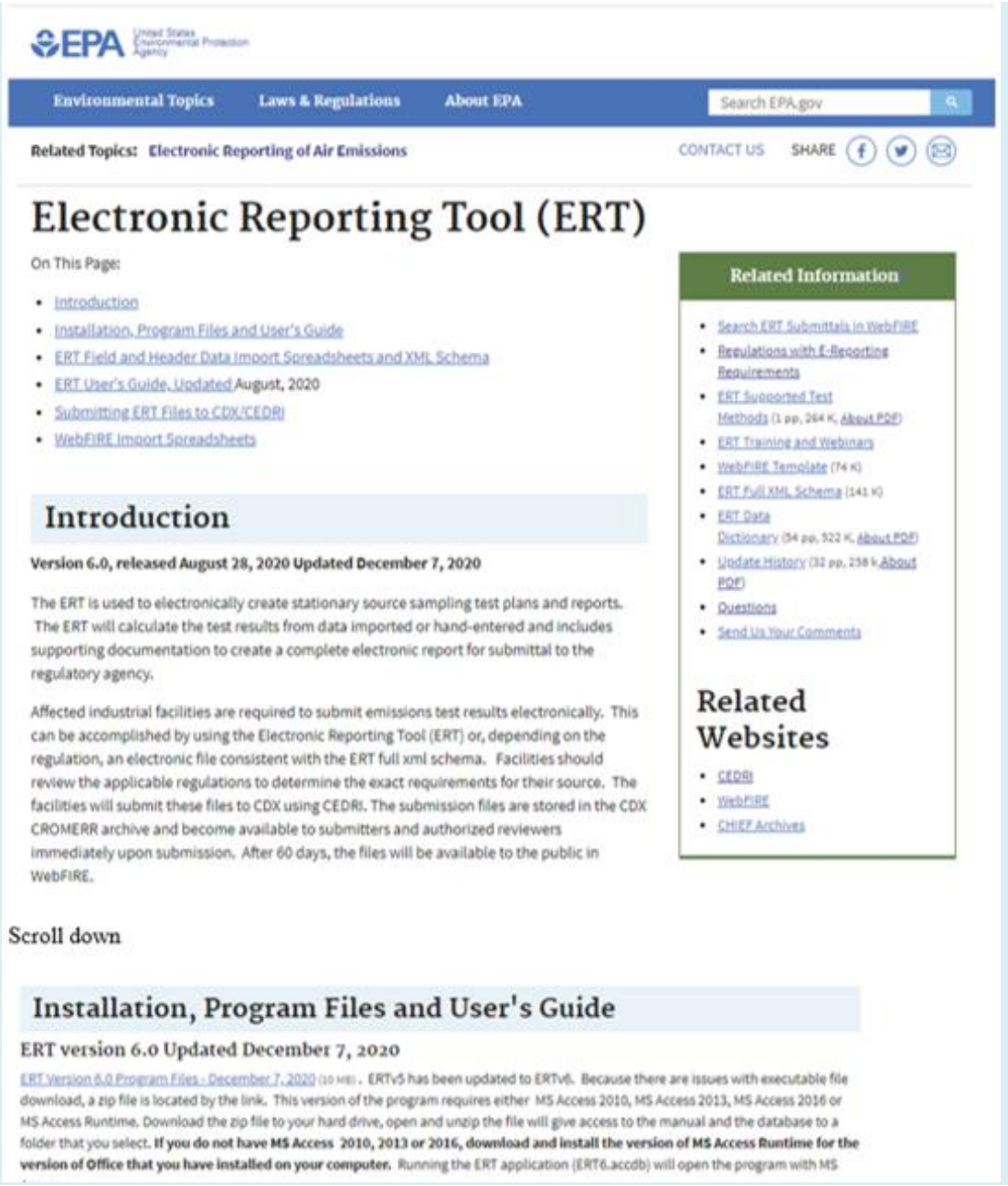
- Currently, the Electronic Reporting Tool (ERT) is a MS Access database desktop application
- Tool that can create electronic alternative for paper reports of performance tests and evaluations (RATAs) and wood heater application and summary report
- Supports 49 methods and 5 Performance Specifications https://www.epa.gov/sites/production/files/2020-12/documents/ert_info.pdf

To Access the ERT

- Computer needs MS Access 2010, MS Access 2013, MS Access 2016, MS Access 2019, Microsoft 365 or MS Access Runtime.
- To download and install MS Access Runtime and the ERT, go to: https://www.epa.gov/electronic-reporting-air-emissions/electronic-reporting-tool-ert. Select the year of Office on your computer.
- Download the zip file to the hard drive- **ERT Version 6.0 Program Files** - 12/7/20. Currently, Version 6.0 is available on the website.

ERT Website

https://www.epa.gov/electronic-reporting-air-emissions/electronic-reporting-tool-ert



EPA United States Environmental Protection Agency

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Related Topics: Electronic Reporting of Air Emissions | CONTACT US | SHARE

Electronic Reporting Tool (ERT)

On This Page:

- Introduction
- Installation, Program Files and User's Guide
- ERT Field and Header Data Import Spreadsheets and XML Schema
- ERT User's Guide, Updated August, 2020
- Submitting ERT Files to CDX/CEDRI
- WebFIRE Import Spreadsheets

Introduction

Version 6.0, released August 28, 2020 Updated December 7, 2020

The ERT is used to electronically create stationary source sampling test plans and reports. The ERT will calculate the test results from data imported or hand-entered and includes supporting documentation to create a complete electronic report for submittal to the regulatory agency.

Affected industrial facilities are required to submit emissions test results electronically. This can be accomplished by using the Electronic Reporting Tool (ERT) or, depending on the regulation, an electronic file consistent with the ERT full xml schema. Facilities should review the applicable regulations to determine the exact requirements for their source. The facilities will submit these files to CDX using CEDRI. The submission files are stored in the CDX CROMERR archive and become available to submitters and authorized reviewers immediately upon submission. After 60 days, the files will be available to the public in WebFIRE.

Related Information

- Search ERT Submittals in WebFIRE
- Regulations with E-Reporting Requirements
- ERT Supported Test Methods (1 pp, 264 K, About PDF)
- ERT Training and Webinars
- WebFIRE Template (74 K)
- ERT Full XML Schema (141 K)
- ERT Data Dictionary (54 pp, 522 K, About PDF)
- Update History (32 pp, 258 K, About PDF)
- Questions
- Send Us Your Comments

Related Websites

- CEDRI
- WebFIRE
- CHIEF Archives

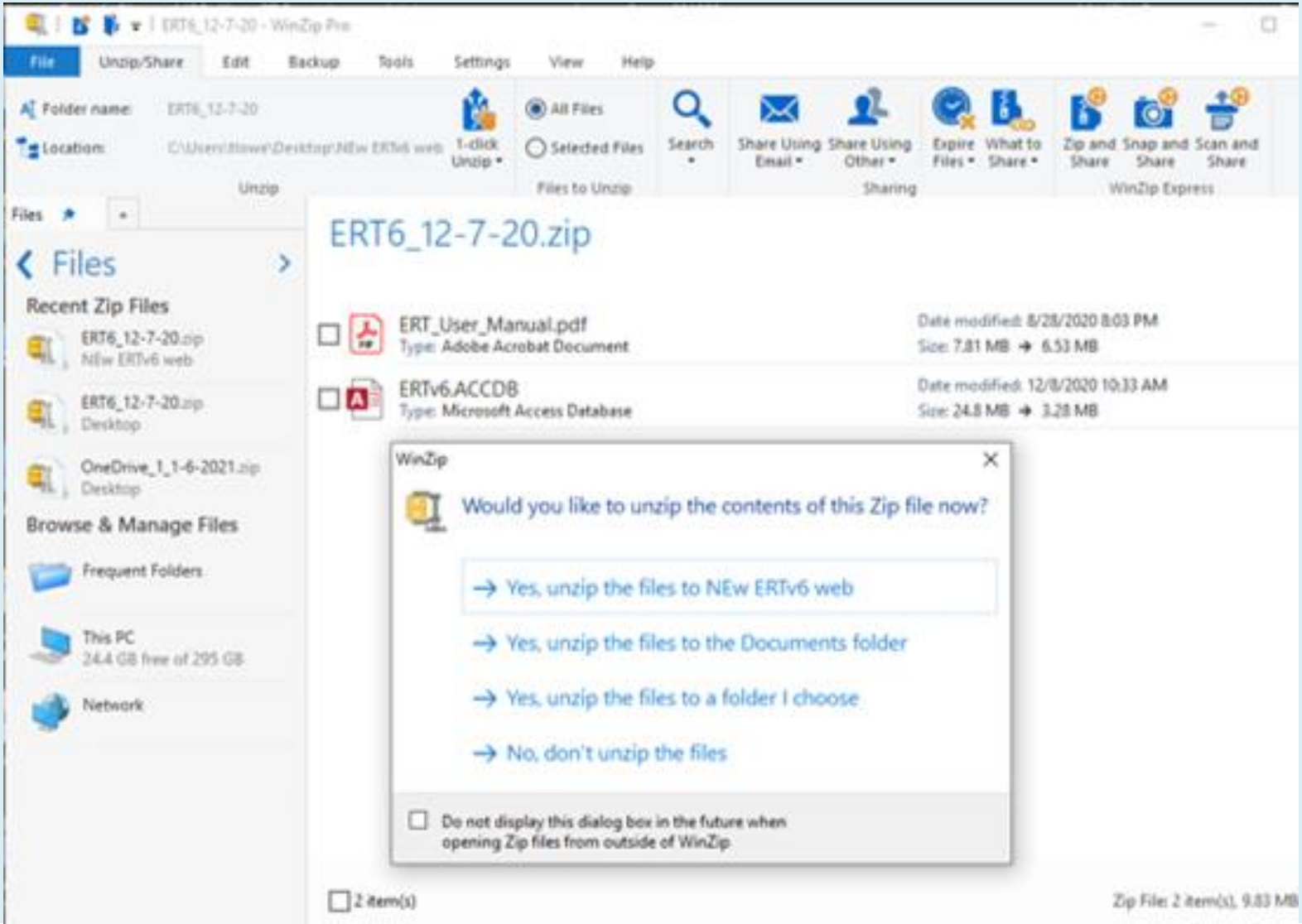
Scroll down

Installation, Program Files and User's Guide

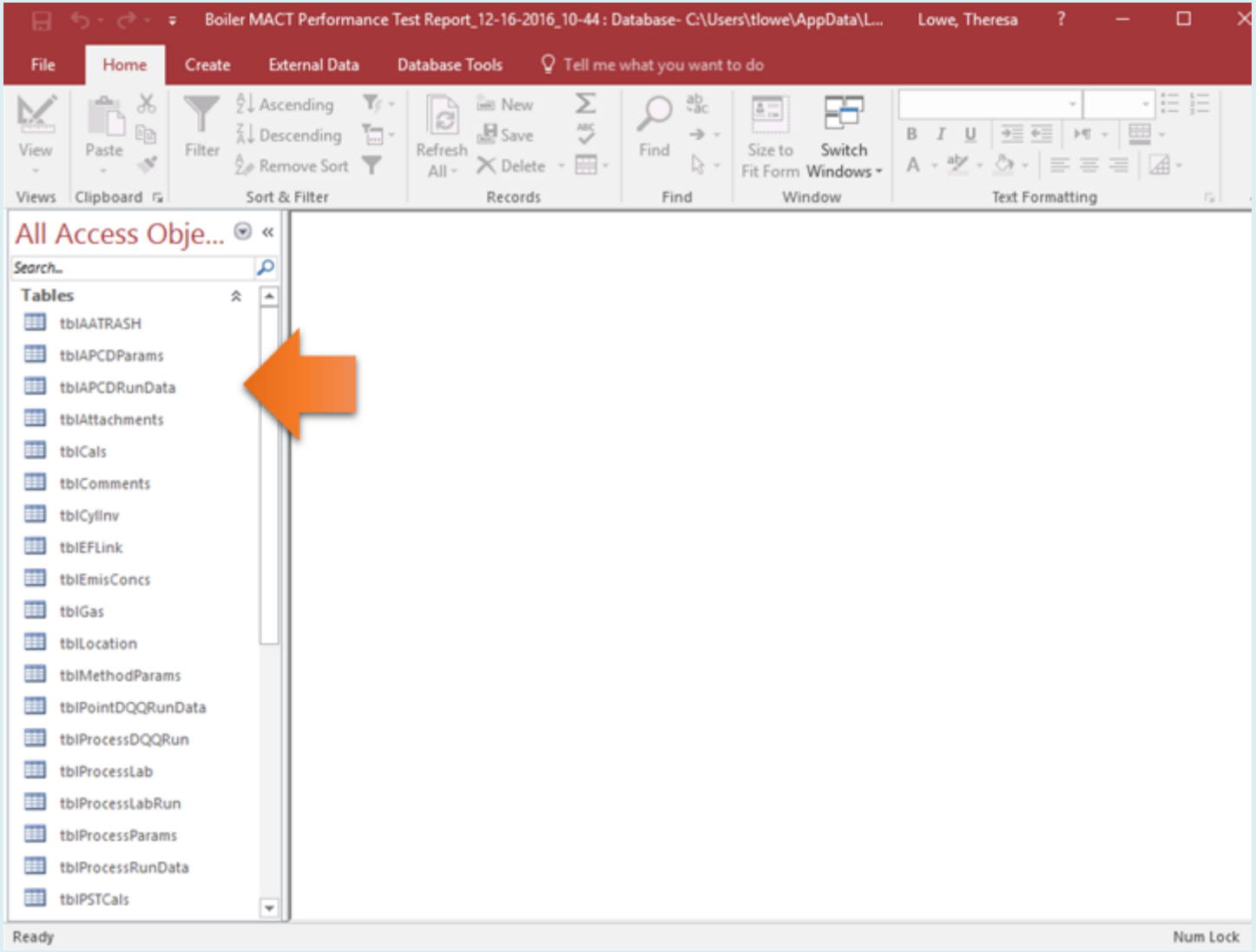
ERT version 6.0 Updated December 7, 2020

ERT Version 6.0 Program Files - December 7, 2020 (10 MB). ERTv5 has been updated to ERTv6. Because there are issues with executable file download, a zip file is located by the link. This version of the program requires either MS Access 2010, MS Access 2013, MS Access 2016 or MS Access Runtime. Download the zip file to your hard drive, open and unzip the file will give access to the manual and the database to a folder that you select. **If you do not have MS Access 2010, 2013 or 2016, download and install the version of MS Access Runtime for the version of Office that you have installed on your computer.** Running the ERT application (ERT6.accdb) will open the program with MS

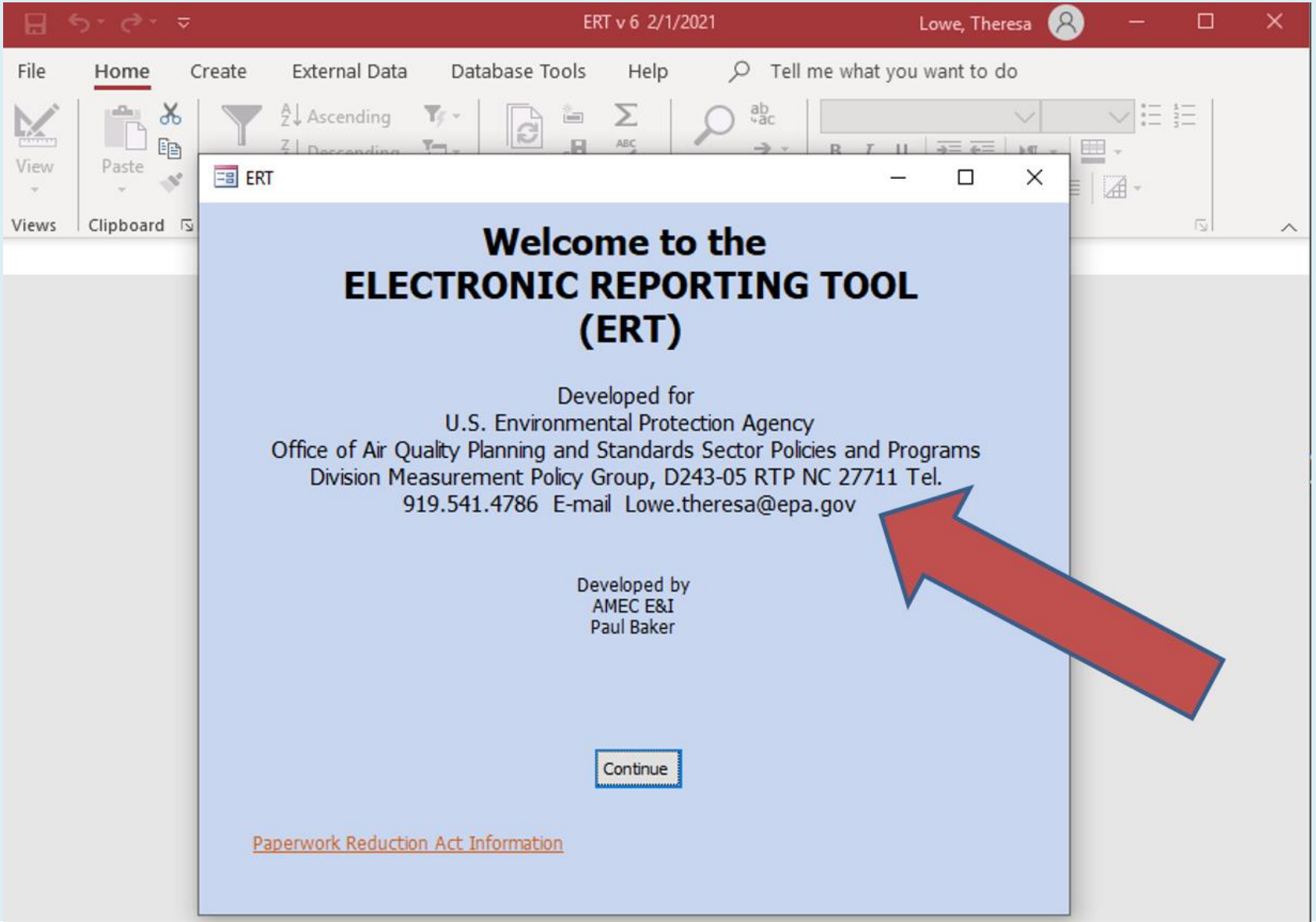
ERT zip download contains .accdb tool and user guide



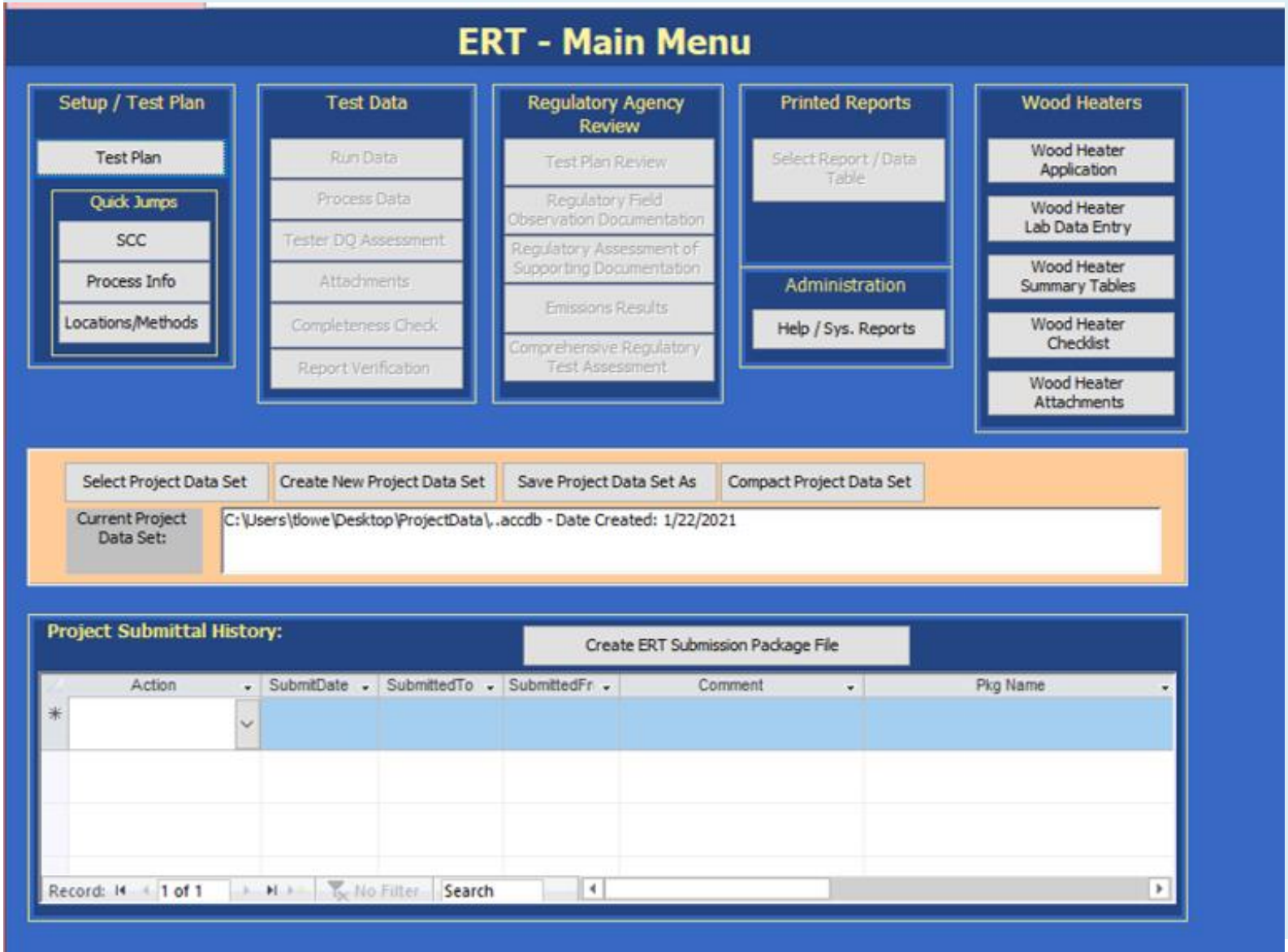
ERT data file opened outside of the ERT application



Welcome to the ERT

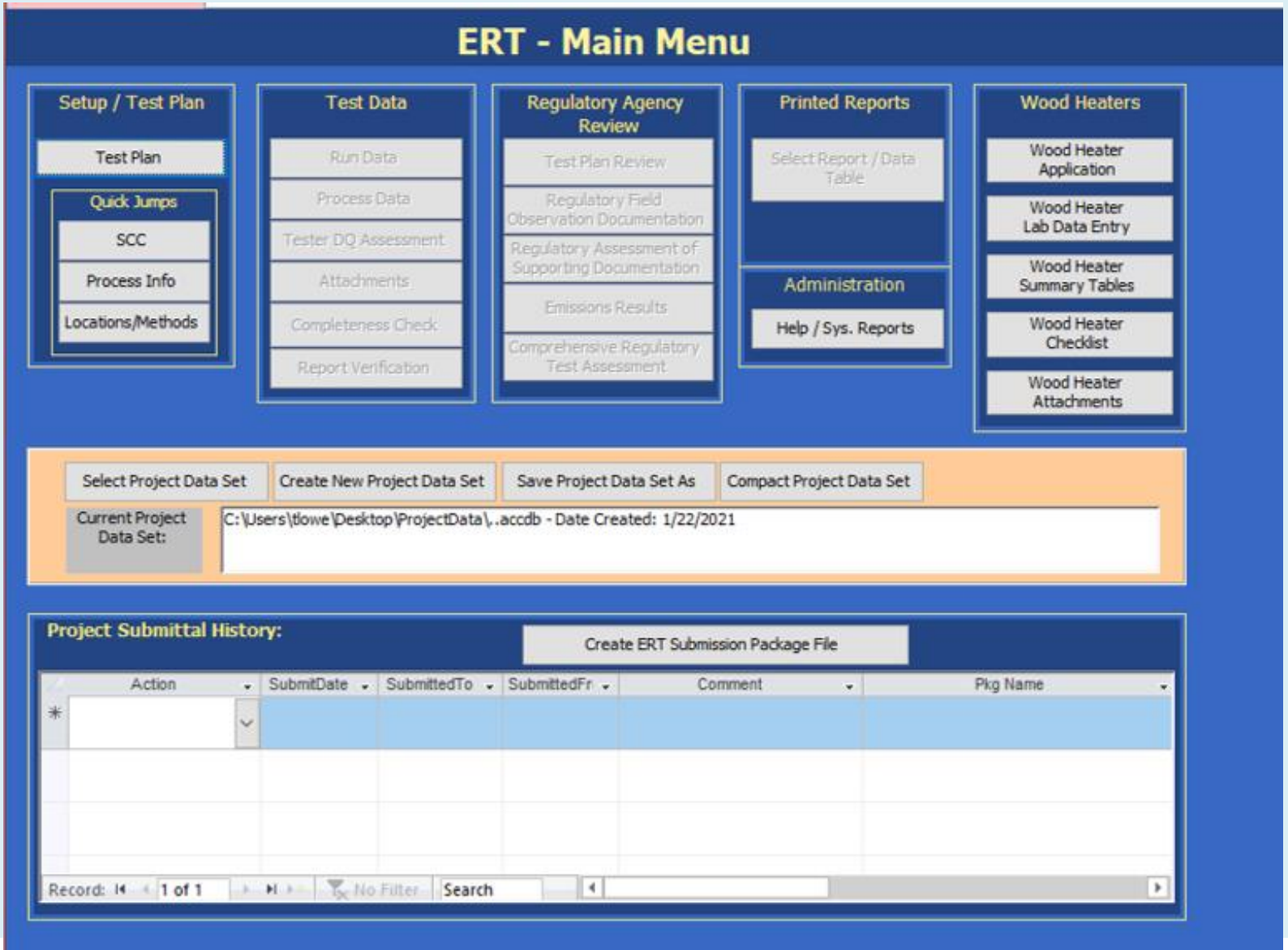


ERT Main Menu



5 areas to the ERT
1. Test plan;
2. Test Data;
3. Regulatory Agency Review
4. Printed Reports & Administration
5. Wood Heater Module

Create a Project Data Set or open a data file

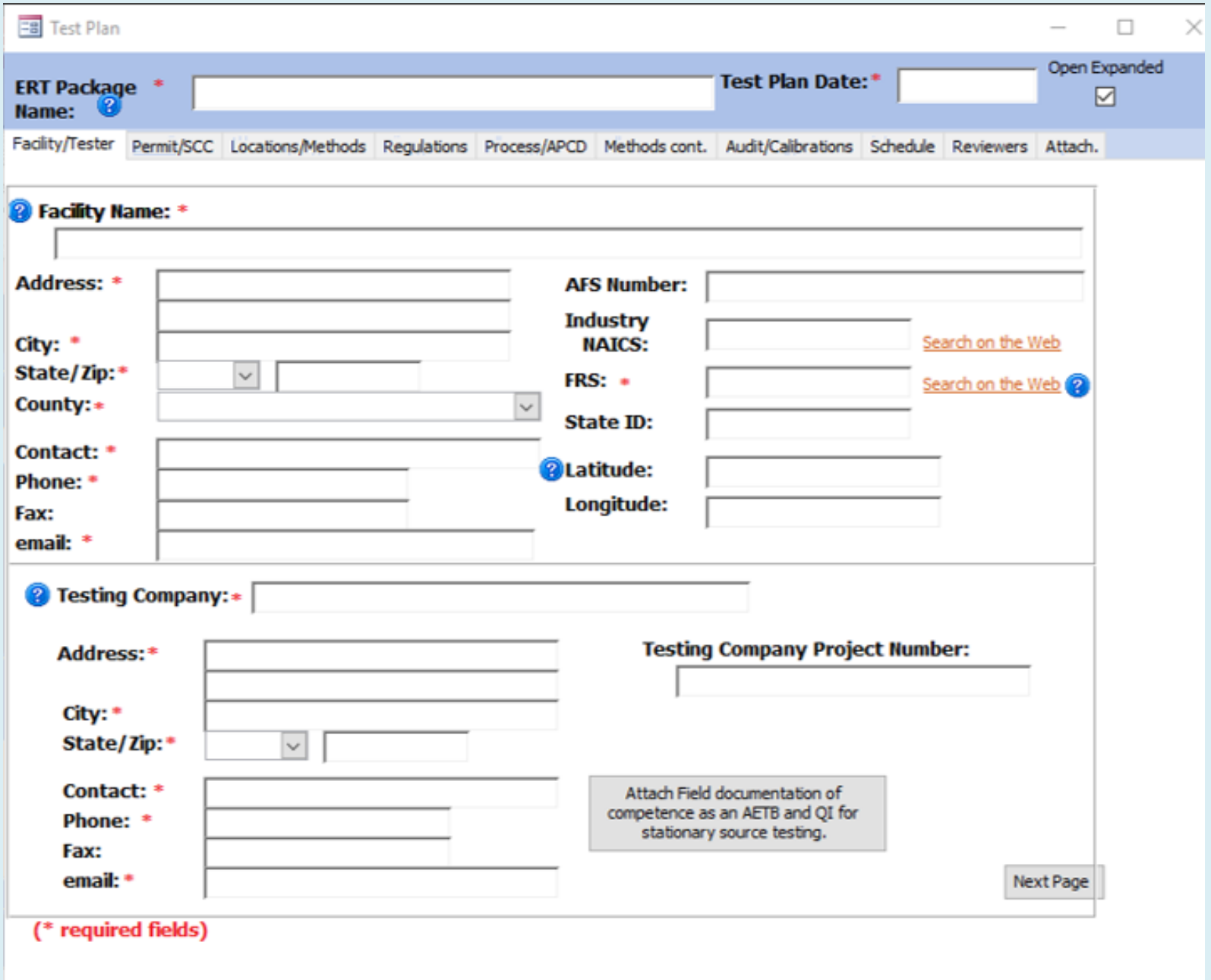


1. Test Plan (all asterisks(*) must be answered)

- Facility and tester information
- Permit and Source Classification Code (SCC)
- Location and Methods used for test
- Regulations
- Process and Air Pollution Control Device
- Audit/Calibrations
- Schedule
- Reviewers
- Attachments

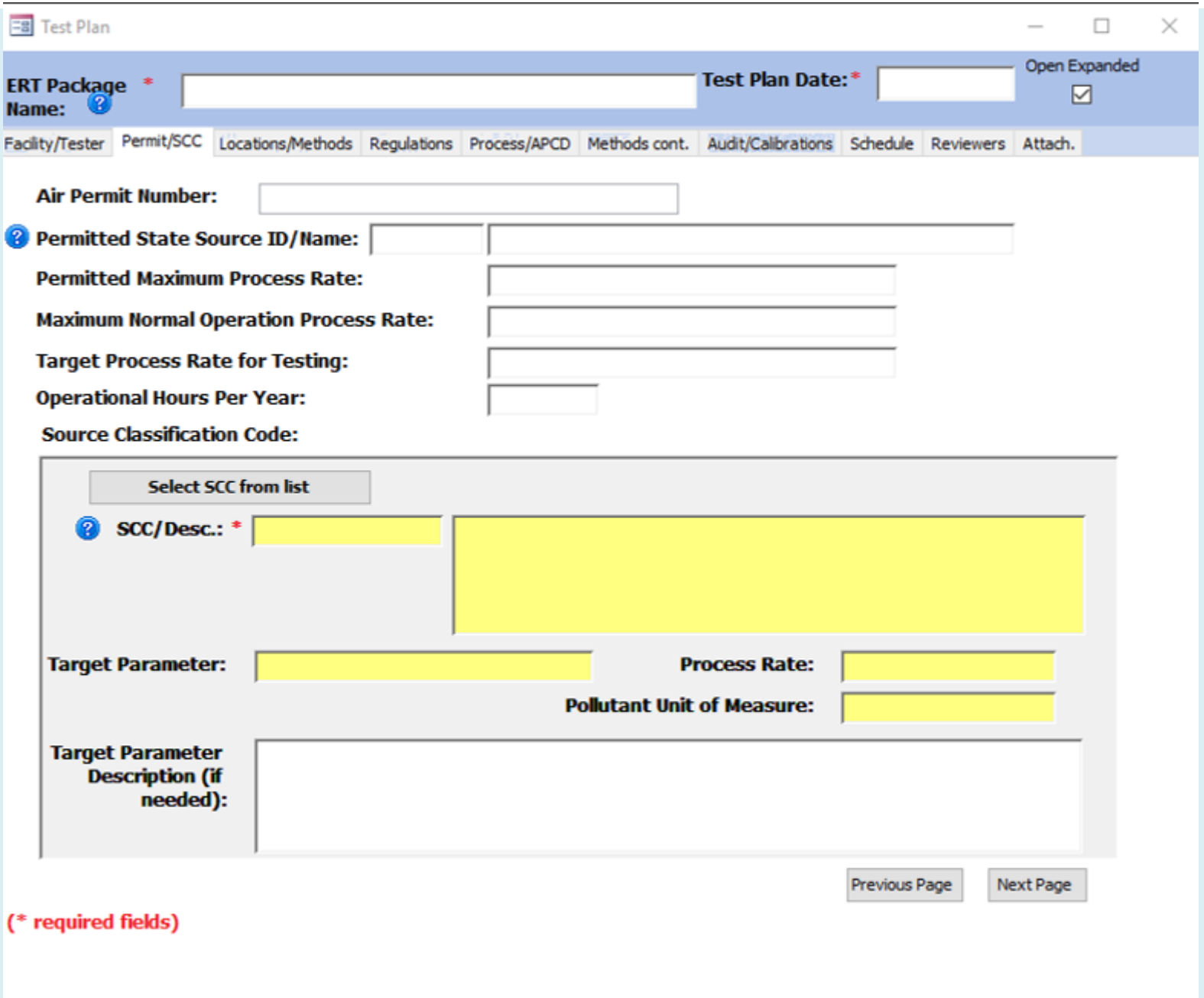
1. Test Plan

Facility and tester information



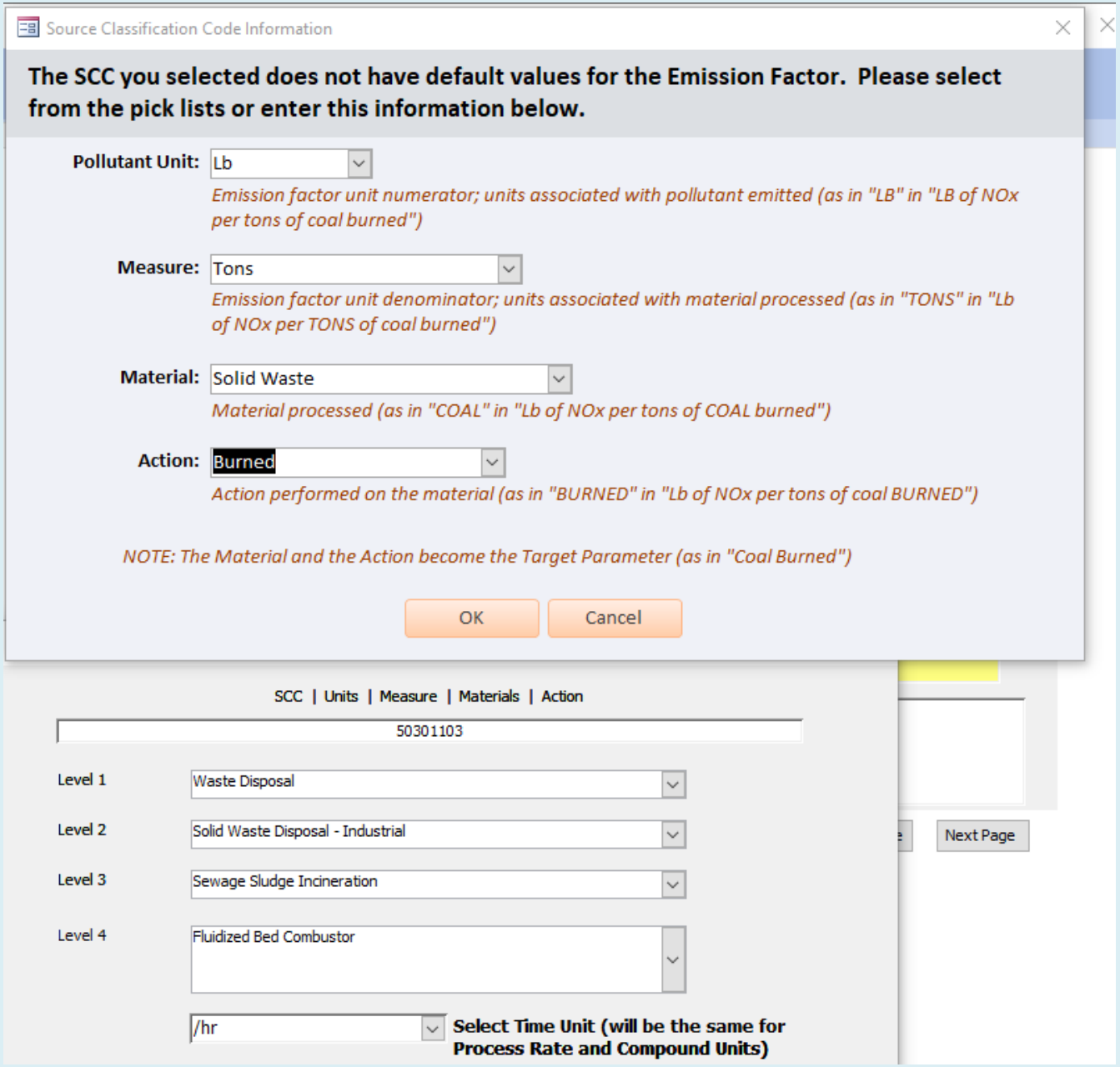
1. Test Plan

Permit and Source Classification Code (SCC)



1. Test Plan

Source Classification Code (SCC)



1. Test Plan Location, Methods and Unit of Measure used for test

Test Plan

ERT Package Name: * SSI Part 62 Subpart LLL Example Performance Test **Test Plan Date:*** 2/10/2017 Open Expanded ☑

Facility/Tester | Permit/SCC | Locations/Methods | Regulations | Process/APCD | Methods cont. | Audit/Calibrations | Schedule | Reviewers | Attach.

1. Please enter sampling location information. (all dimensions in inches)

(Required before test data entry) Add Location | Attach File

Location: (click to view/edit)	Inlet/Outl	Total Trave	Ports	Round Duct Diam	Duct Le	Duct Wid	Equivalent I	DownStream Dis	UpStream Distan	Emissions are	Up Stream Pt. Loc. (M1A)
Fluidized Bed SSI	Outlet	12	0	36				200	100	☐	0

(Note: UpStreamDist = Distance upstream from the disturbance (Distance A - Fig. 1-1, RM1) ; DwnStreamDist = Distance downstream from the disturbance (Distance B - Fig 1-1, RM1))

2a. Please provide the following information for each test parameter. (Required before test data entry) Add Target Parameters

Location	Test Method	Target Parameter	Num Test Runs	Test Run Duration	Comments
Fluidized Bed SSI	Method 10	Carbon Monoxide	3	60	
Fluidized Bed SSI	Method 23	Total TEQ	3	240	
Fluidized Bed SSI	Method 26A	Hydrogen Chloride	3	84	
Fluidized Bed SSI	Method 26A	Filterable Particulate	3	84	
Fluidized Bed SSI	Method 29	Cadmium	3	120	
Fluidized Bed SSI	Method 29	Filterable Particulate	3	120	
Fluidized Bed SSI	Method 29	Mercury	3	120	
Fluidized Bed SSI	Method 29	Lead	3	120	
Fluidized Bed SSI	Method 3A CO2	Carbon Dioxide	3	60	
Fluidized Bed SSI	Method 3A O2	Oxygen	3	60	
Fluidized Bed SSI	Method 5/202	Total Particulate	3	60	
Fluidized Bed SSI	Method 5/202	Organic Condensable Particula	3	60	

Record: 1 of 16 | No Filter | Search

2b. Please select the Emissions Units of Measure for each location. Add Emissions/Concentrations

Location	Method	Units of Measure	Corre	Corrected %	Process Rate, Parameter
Fluidized Bed SSI	Method 10	ppm		0	
Fluidized Bed SSI	Method 10	ppm corrected	O2	7	
Fluidized Bed SSI	Method 23	ng/dscm		0	

Record: 1 of 14 | No Filter | Search

Previous Page | Next Page

1. Test Plan Regulations and Limits

Test Plan

ERT Package Name: * SSI Part 62 Subpart LLL Example Performance Test Test Plan Date: * 2/10/2017 Open Expanded ☑

Facility/Tester | Permit/SCC | Locations/Methods | Regulations | Process/APCD | Methods cont. | Audit/Calibrations | Schedule | Reviewers | Attach.

3. What is the specific purpose, Data Quality Objectives and Data Quality Indicators for the proposed testing?

☐ Part 60 (NSPS)
☐ Part 61 (NESHAP)
☐ Part 63 (MACT)
☐ Part 65 (MACT)
☐ RATA
☐ NSR/PSD
☐ Section 114
☐ State Rule
☑ Other (describe:)

4. List all state and federal regulations that apply to the proposed testing: Add Regulation

Part-SubPart	Non Part 60/63 Rule Description: (click to edit)	Compound:	Unit of Measure	Limit
	Part 62 Subpart LLL Federal Plan for Sewage Sl	Filterable Particulate	mg/dscm@7%O2	18
	Part 62 Subpart LLL Federal Plan for Sewage Sl	Hydrogen Chloride	ppm@7%O2	0.51
	Part 62 Subpart LLL Federal Plan for Sewage Sl	Carbon Monoxide	ppm@7%O2	0.51
	Part 62 Subpart LLL Federal Plan for Sewage Sl	Total TEQ	ng/dscm@7%O2	0.1
	Part 62 Subpart LLL Federal Plan for Sewage Sl	Mercury	mg/dscm@7%O2	0.037
	Part 62 Subpart LLL Federal Plan for Sewage Sl	Nitrogen oxides (NOx)	ppm@7%O2	150

5. Will the test results be used for other regulatory purposes (e.g., emission inventories, permit applications, etc.) beyond that stated above? If yes, explain.

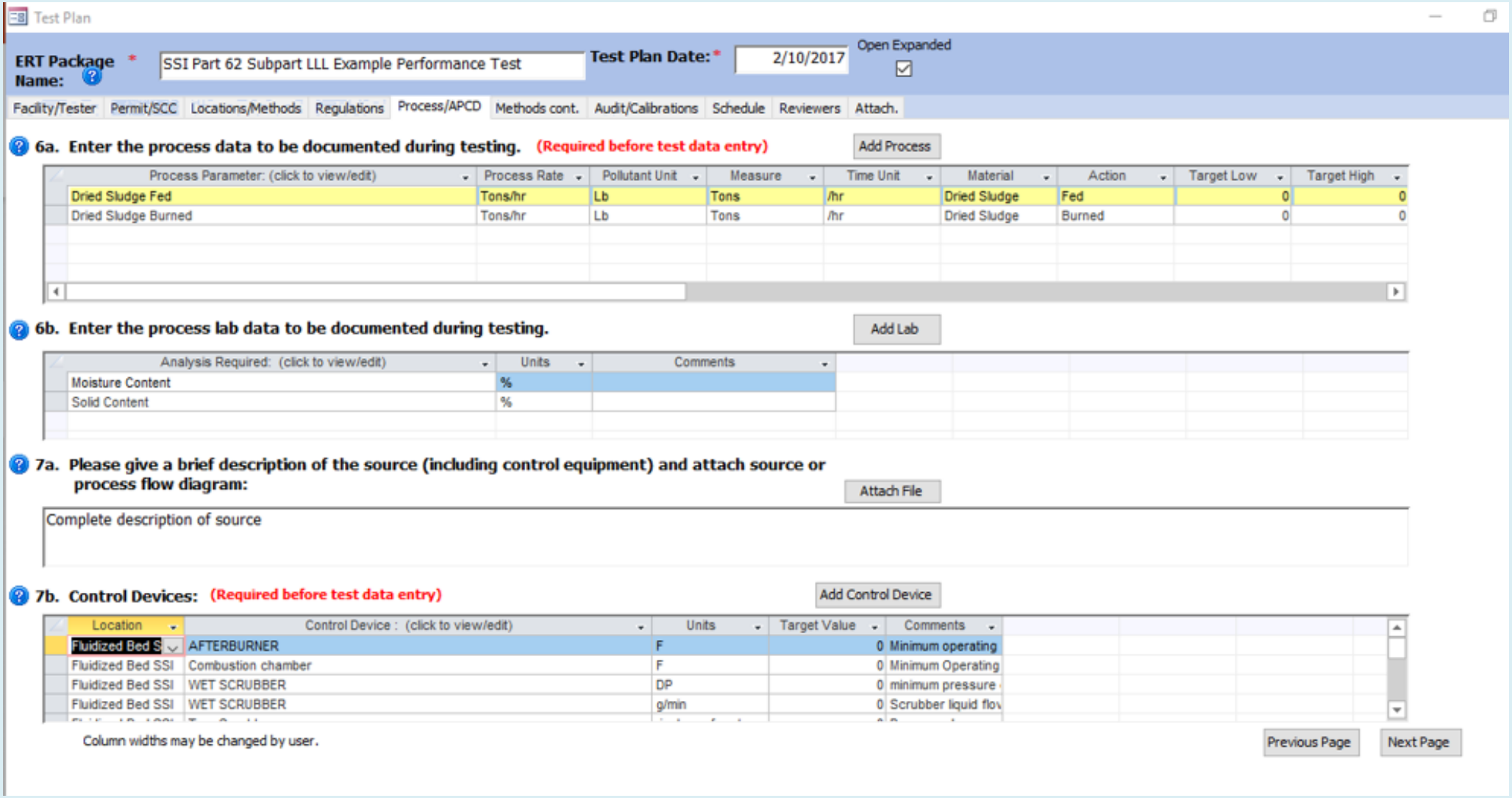
Regulation Limits

Compound	Units of Measure
Cadmium	mg/dscm
Cadmium	mg/dscm@7%O2
Carbon Monoxide	ppm
Carbon Monoxide	ppm@7%O2
Filterable Particulate	mg/dscm
Filterable Particulate	mg/dscm@7%O2
Filterable Particulate	ppm
Filterable Particulate	ppm@7%O2
Hydrogen Chloride	ppm
Hydrogen Chloride	ppm@7%O2
Inorganic (Aqueous) Condensable Part.	mg/dscm
Inorganic (Aqueous) Condensable Part.	mg/dscm@7%O2
Lead	mg/dscm
Lead	mg/dscm@7%O2
Mercury	mg/dscm

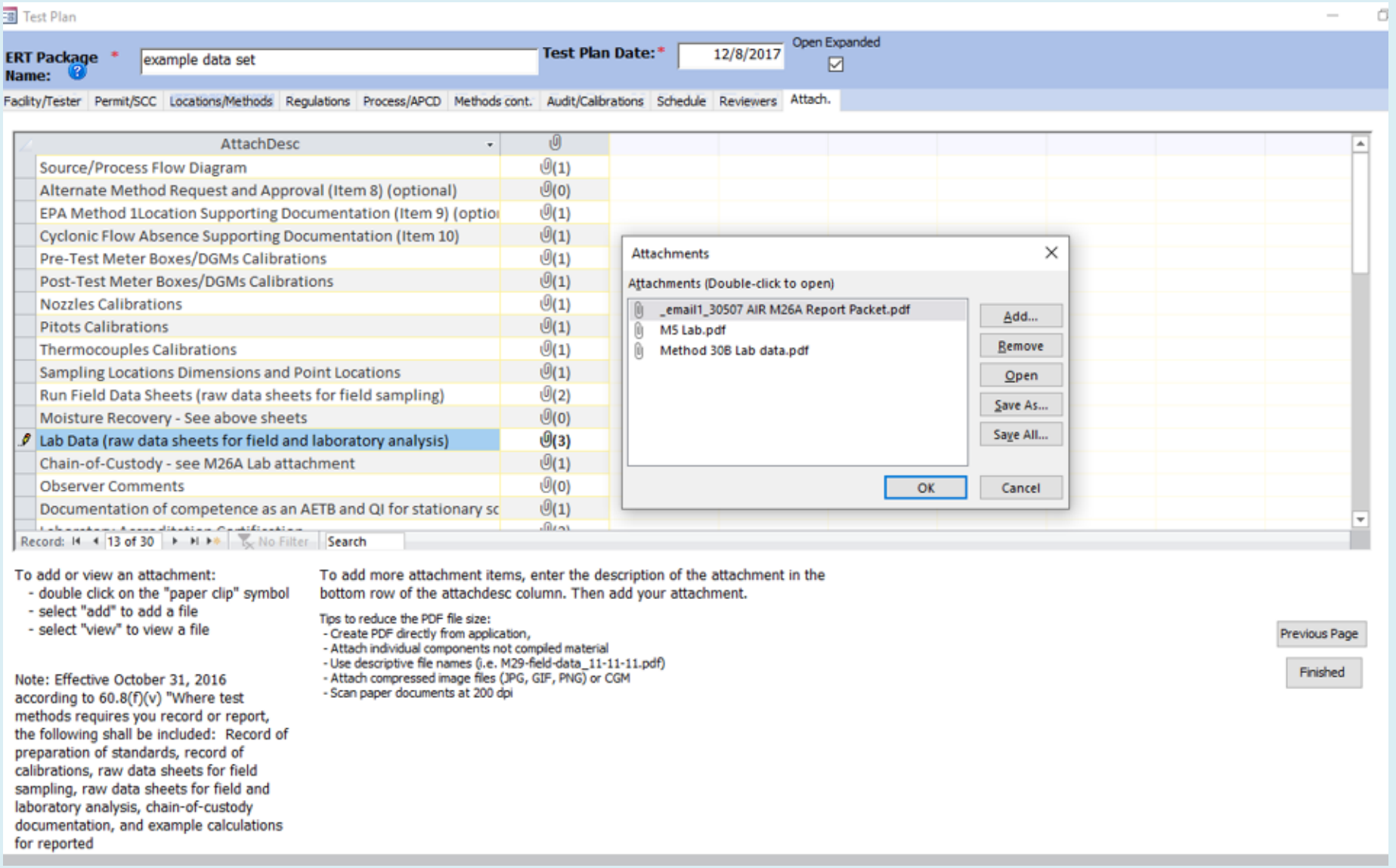
0

Exit Save and Exit

1. Test Plan Process Data and Air Pollution Control Device Parameters

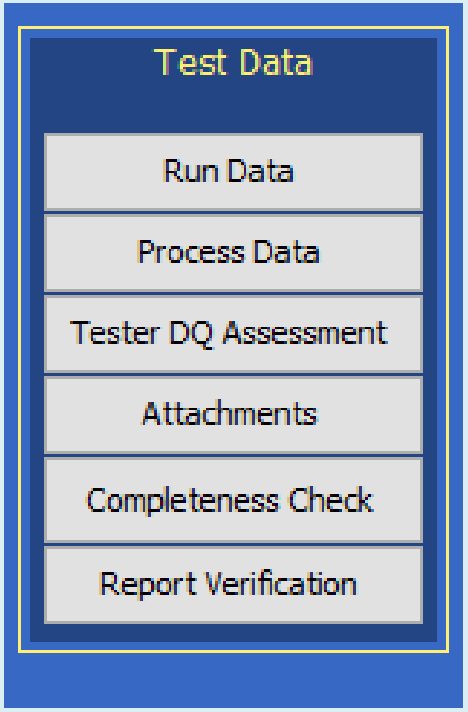


1. Test Plan Attachments



2. Test Data

- Run data – Isokinetics, manual, sorbent tubes and instrumental methods
- Process Data
- Tester DQ Assessment area for comments on testing
- Attachments
- Completeness check
- Report Verification



ISOKINETIC CALCULATED RESULTS

VIEWING ALL RUNS

Location stack - Method 26A

				Average
Run Number	4	5	6	
Test Date	11/30/2017	11/30/2017	11/30/2017	
Run Start Time	4:45:00 PM	6:40:00 PM	8:10:00 PM	
Run Finish Time	5:48:00 PM	7:43:00 PM	9:13:00 PM	
Net Traversing Points	24	24	24	
Net Run Time, minutes	60	60	60	
Nozzle Diameter, inches	0.32	0.32	0.32	0.320
Pitot Tube Coefficient	0.84	0.84	0.84	0.840
Dry Gas Meter Calibration Factor	0.916	0.916	0.916	0.916
Barometric Pressure, inches of Mercury	29.66	29.66	29.66	29.660
Average Orifice Meter Differential, inches H2O	1.35	1.36	1.36	1.357
Dry Gas Meter Volume Sampled, cubic feet	40.062	39.106	39.465	39.544
Average Dry Gas Meter Temperature, °F	82.50	77.79	74.75	78.347
Dry Gas Meter Volume Sampled, dscf	35.523	34.981	35.502	35.335
Total Moisture Liquid collected, g	245	234	252	243.667
Volume of Water Vapor, standard cubic feet	11.53	11.02	11.86	11.470
Moisture Content of Stack Gas, %	24.5043	23.9560	25.0412	24.501
Moisture Saturation at Stack Gas Temperature, %	24.83	25.09	24.62	24.847
Dry Mole Fraction	0.754957	0.76044	0.7538	0.756
Carbon Dioxide, %	14.77	13.022	12.325	13.372
Oxygen, %	5.45	6.001	5.868	5.773
Carbon Monoxide & Nitrogen, %	79.78	80.977	81.807	80.855
Fuel Factor	1.05	1.14	1.22	
Dry Molecular Weight, lb/lb-Mole	30.58	30.32	30.21	30.370
Wet Molecular weight, lb/lb-Mole	27.50	27.37	27.21	27.360
Flue Gas Static Pressure, inches of H2O	-0.12	-0.12	-0.12	-0.120
Absolute Flue Gas Pressure, inches of Mercury	29.65	29.65	29.65	29.650
Average Stack Gas Temperature, °F	148.96	149.38	148.63	148.990
Average Velocity Head, inches of H2O	0.18998241855308 9	0.19178467492924 4	0.19145918185232 6	0.191
Average Stack Gas Velocity, feet/second	27.04	27.24	27.28	27.187
Stack Cross-Sectional Area, square feet	36.006	36.006	36.006	36.006
Dry Volumetric Flow Rate, dry scfm	37,890.2	38,421.2	38,188.7	38,166.700
Actual Wet Volumetric Flue Gas Flow Rate, acfm	58,416.1	58,848.2	58,934.6	58,732.967
Percent Isokinetic of Sampling Rate, %	100.7	97.8	99.9	99.467
Percent Excess Air, %	34.9	39.0	37.3	37.067
F-Factor, dscfm/MMBtu @ %O2	9240	9240	9240	9,240.000
Round Duct Diameter, inches	81.25	81.25	81.25	
Rectangular Duct Width, inches				
Rectangular Duct Length, inches				
Fw				
Fc	1830	1830	1830	1,830.000

RATA RESULTS

PST NOx to PS2

Facility Facility

RAStartDate 4/7/2020

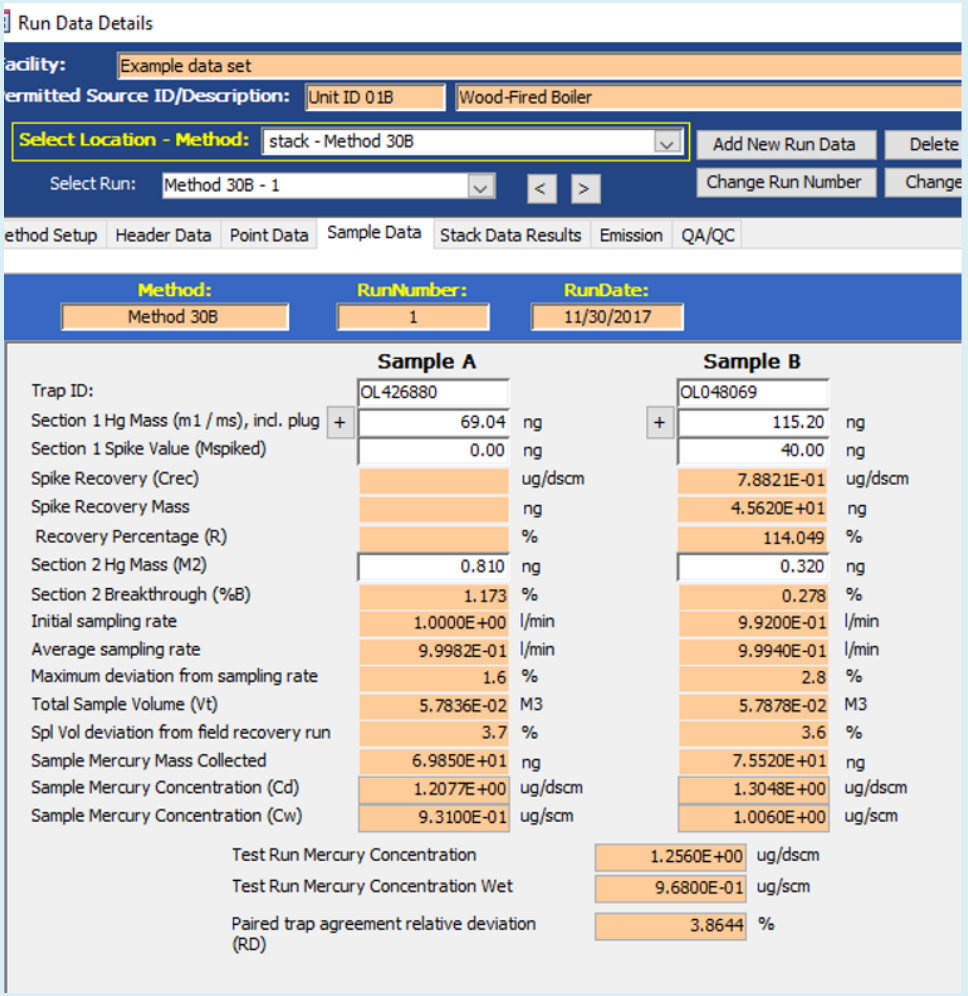
RAEndDate 4/7/2020

	Ref	CEMS	Ref.	CEMS	Ref.	CERMS	Ref.	CERMS	Differences				Ex.
Run	PPM	PPM	PPM@3%O2	PPM@3%O2	Lb/Hr	Lb/Hr	Lb/MMBTU	Lb/MMBTU	PPM	PPM@3%O2	Lb/Hr	Lb/MMBTU	Run
1	19.38	19.60	22.24	22.50	0.00		0.0270	0.0270	0.22	0.26		0.0000	☐
2	19.28	19.50	22.27	22.53	0.00		0.0270	0.0270	0.22	0.27		0.0000	☐
3	19.27	19.40	22.40	22.48	0.00		0.0272	0.0270	0.13	0.08		-0.0002	☐
4	19.01	19.10	22.10	22.16	0.00		0.0268	0.0270	0.09	0.06		0.0002	☐
5	19.38	19.50	22.53	22.62	0.00		0.0274	0.0280	0.12	0.09		0.0006	☐
6	19.38	19.60	22.53	22.74	0.00		0.0274	0.0280	0.22	0.21		0.0006	☐
7	19.17	19.20	22.28	22.27	0.00		0.0270	0.0270	0.03	0.00		0.0000	☐
8	18.96	19.00	22.03	22.08	0.00		0.0268	0.0270	0.04	0.05		0.0002	☐
9	19.02	19.00	22.11	22.08	0.00		0.0268	0.0270	-0.02	-0.03		0.0002	☐
Sums									1.04	0.99		0.0016	
Avg's	19.21	19.32	22.28	22.39	0.00		0.0270	0.0272	0.12	0.11		0.0002	
Standard Deviation									0.09	0.11		0.0003	
Confidence Coefficient									0.07	0.08		0.0002	

Emissions Standard				
Relative Accuracy using the Reference Method (< or = to 20%) (average emissions during test are greater than 50 percent of the emission standard)	N/A	N/A	N/A	N/A
	0.95	0.87		1.4930
Relative Accuracy using the Standard (< or = to 10%) (average emissions during test are less than 50 percent of the emission standard)	N/A	N/A	N/A	N/A

Note: All calculations performed are as specified in Section 12 of PS2 and use the US EPA rounding conventions.

SAMPLE DATA CALCULATIONS FOR METHOD 30B



Run Data Details

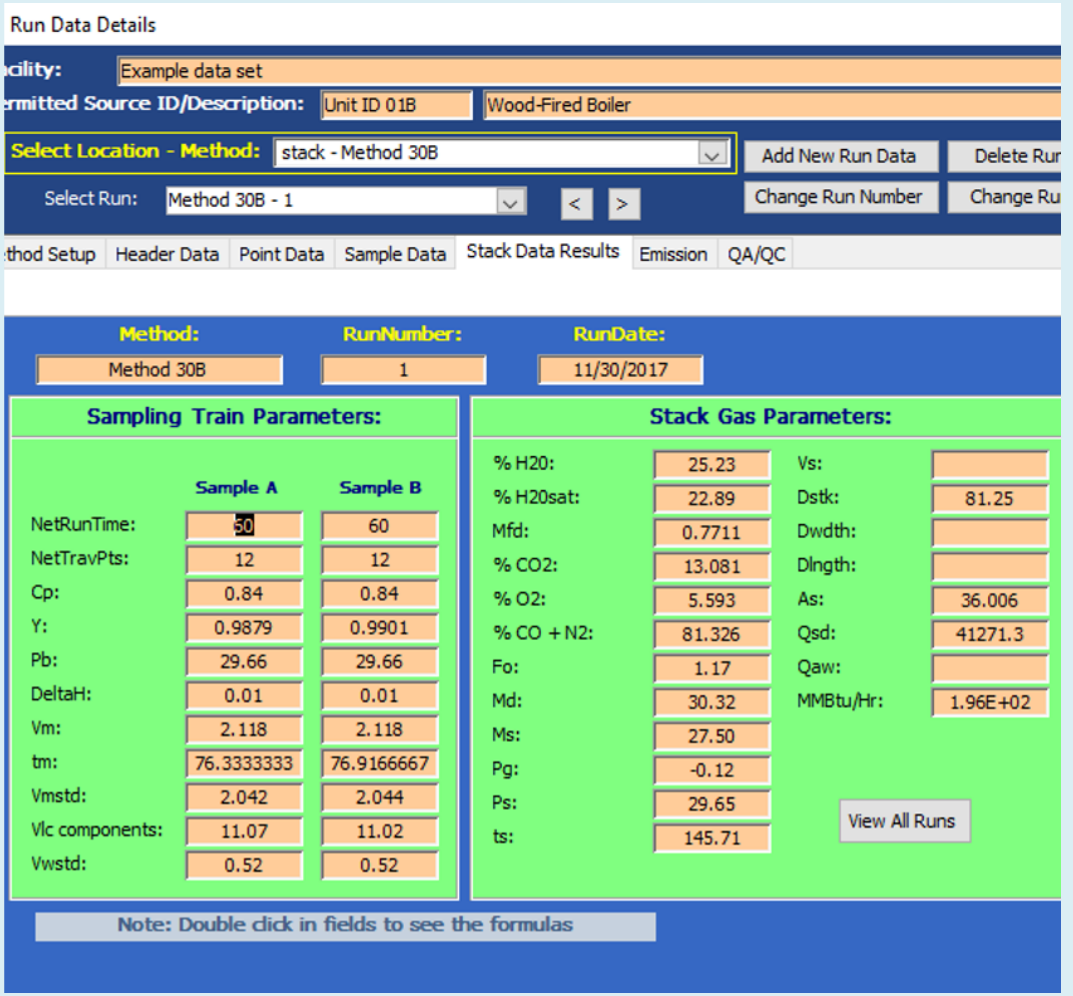
acility: Example data set
ermitted Source ID/Description: Unit ID 01B | Wood-Fired Boiler
Select Location - Method: stack - Method 30B | Add New Run Data | Delete
Select Run: Method 30B - 1 | < | > | Change Run Number | Change

ethod Setup | Header Data | Point Data | Sample Data | Stack Data Results | Emission | QA/QC

Method:	RunNumber:	RunDate:
Method 30B	1	11/30/2017

	Sample A		Sample B	
Trap ID:	OL426880		OL048069	
Section 1 Hg Mass (m1 / ms), incl. plug	69.04	ng	115.20	ng
Section 1 Spike Value (Mspiked)	0.00	ng	40.00	ng
Spike Recovery (Crec)		ug/dscm	7.8821E-01	ug/dscm
Spike Recovery Mass		ng	4.5620E+01	ng
Recovery Percentage (R)		%	114.049	%
Section 2 Hg Mass (M2)	0.810	ng	0.320	ng
Section 2 Breakthrough (%B)	1.173	%	0.278	%
Initial sampling rate	1.0000E+00	l/min	9.9200E-01	l/min
Average sampling rate	9.9982E-01	l/min	9.9940E-01	l/min
Maximum deviation from sampling rate	1.6	%	2.8	%
Total Sample Volume (Vt)	5.7836E-02	M3	5.7878E-02	M3
Spl Vol deviation from field recovery run	3.7	%	3.6	%
Sample Mercury Mass Collected	6.9850E+01	ng	7.5520E+01	ng
Sample Mercury Concentration (Cd)	1.2077E+00	ug/dscm	1.3048E+00	ug/dscm
Sample Mercury Concentration (Cw)	9.3100E-01	ug/scm	1.0060E+00	ug/scm

Test Run Mercury Concentration	1.2560E+00	ug/dscm
Test Run Mercury Concentration Wet	9.6800E-01	ug/scm
Paired trap agreement relative deviation (RD)	3.8644	%



Run Data Details

cility: Example data set
rmitted Source ID/Description: Unit ID 01B | Wood-Fired Boiler
Select Location - Method: stack - Method 30B | Add New Run Data | Delete Run
Select Run: Method 30B - 1 | < | > | Change Run Number | Change Ru

thod Setup | Header Data | Point Data | Sample Data | Stack Data Results | Emission | QA/QC

Method:	RunNumber:	RunDate:
Method 30B	1	11/30/2017

Sampling Train Parameters:

	Sample A	Sample B
NetRunTime:	60	60
NetTravPts:	12	12
Cp:	0.84	0.84
Y:	0.9879	0.9901
Pb:	29.66	29.66
DeltaH:	0.01	0.01
Vm:	2.118	2.118
tm:	76.3333333	76.9166667
Vmstd:	2.042	2.044
Vlc components:	11.07	11.02
Vwstd:	0.52	0.52

Stack Gas Parameters:

% H20:	25.23	Vs:	
% H20sat:	22.89	Dstk:	81.25
Mfd:	0.7711	Dwdth:	
% CO2:	13.081	Dlngth:	
% O2:	5.593	As:	36.006
% CO + N2:	81.326	Qsd:	41271.3
Fo:	1.17	Qaw:	
Md:	30.32	MMBtu/Hr:	1.96E+02
Ms:	27.50		
Pg:	-0.12		
Ps:	29.65		
ts:	145.71		

View All Runs

Note: Double click in fields to see the formulas

METHOD 30B
DATA QUALITY ASSESSMENT

Run Data Details

Facility: Example data set Open Exp

Permitted Source ID/Description: Unit ID 01B | Wood-Fired Boiler

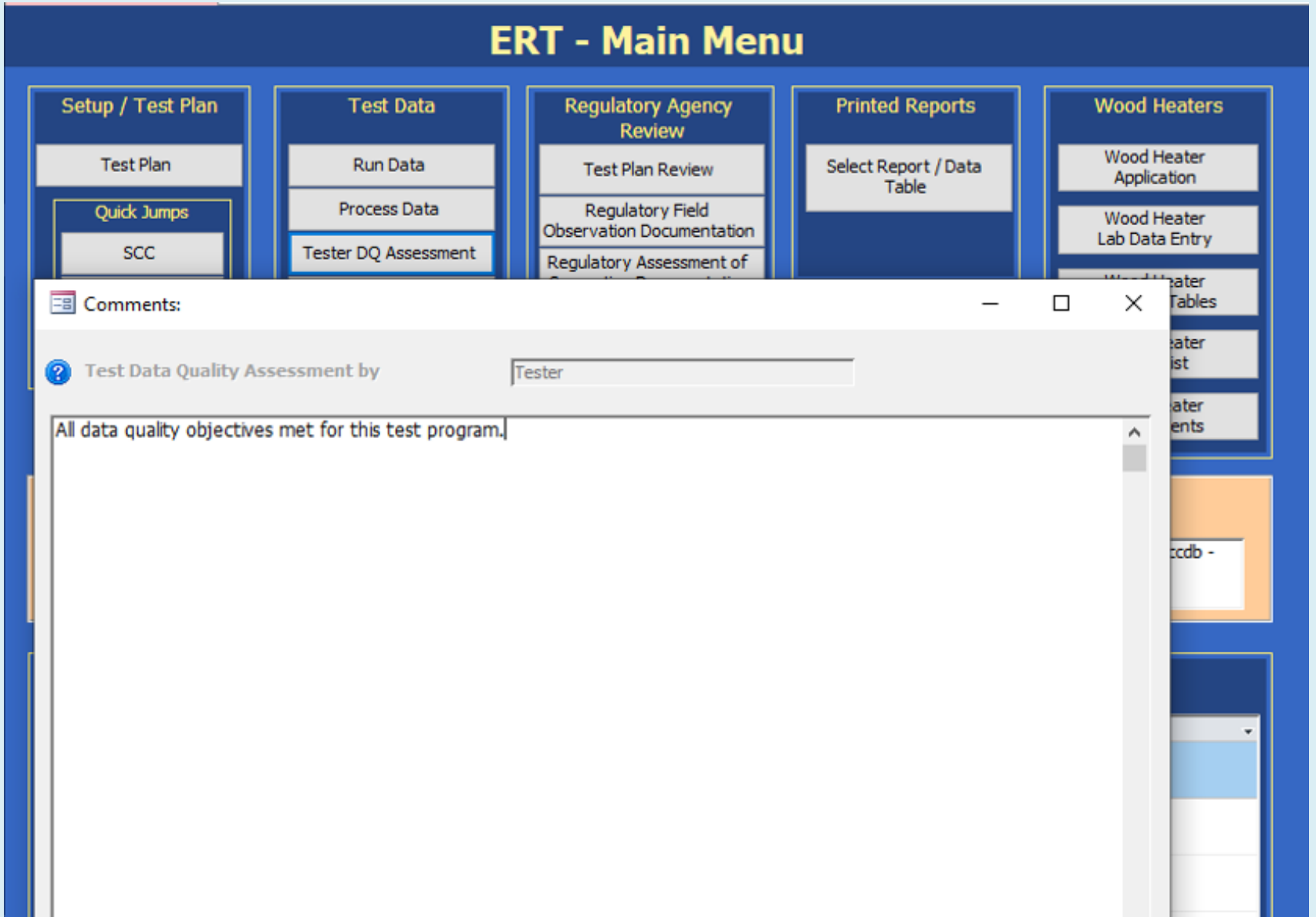
Select Location - Method: stack - Method 30B

Add New Run Data | Delete Run Data | Change Run Number | Change Run Date

Method Setup | Header Data | Point Data | Sample Data | Stack Data Results | Emission | QA/QC

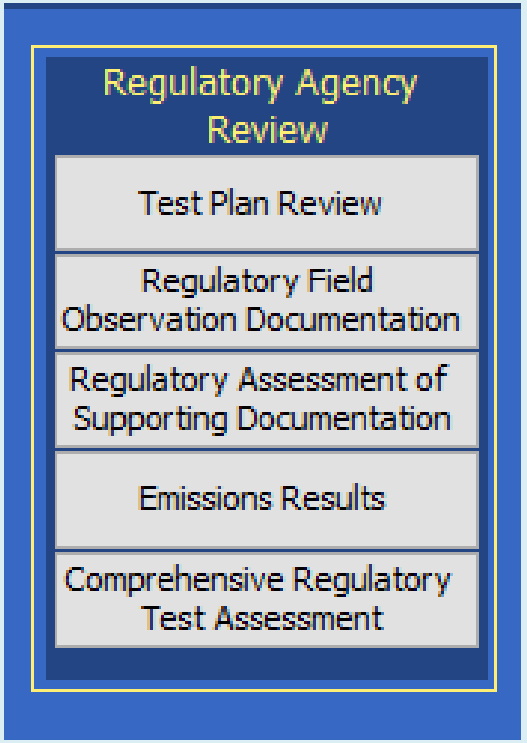
QA/QC Test or Specificatio	Acceptance Criteria	Demonstrated Performance
Pre-test leak check	≤ 4% of target sampling rate	The pre-test leak check for Sample A was 0% of the target (initial) sample rate therefore meeting the acceptance criteria of ≤ 4% of target sampling rate. The pre-test leak check for Sample B was 0% of the target (initial) sample flow rate therefore meeting the acceptance criteria of ≤ 4% of target sampling rate.
Post-test leak check	≤ 4% of average sampling rate	The post-test leak check for Sample A was 0 l/min which is 0.207% of the average sample flow rate of 1 l/min, and therefore met the acceptance criteria of ≤ 4% of target sampling rate. The post-test leak check for Sample B was 0 l/min which is 0% of the average sample flow rate of 1 l/min, and therefore met the acceptance criteria of ≤ 4% of target sampling rate.
Sample flow rate.	Adjust the sampling flow rate as necessary to maintain the initial sample flow rate.	The maximum flow rate variation for Sample A was 1.6% of the initial sample flow rate of 1 l/min. The maximum flow rate variation for Sample B was 2.8% of the initial sample flow rate of 0.992 l/min.
Test run total sample volume.	Within ± 20% of total volume sampled during field recovery test.	The total volume sampled for Sample A was 0.06 M3 and for Sample B was 0.06 M3 verses the average sample volume of 0.06 M3 for the field recovery test spiked samples. The maximum deviation of the total volume sampled was 3.7% of the total volume sampled during the field recovery test. Both of the samples met the ± 20% acceptance criteria.
Sorbent trap section 2 breakthrough	≤ 10% of section 1 Hg mass for Hg concentrations > 1 µg/dscm;≤ 20% of section 1 Hg massD or ≤ 0.2 µg/dscm absolute difference for Hg	The average Hg concentration was > 1 µg/dscm. The Hg in section 2 was 0.81 µg for Sample A and 0.32 µg for Sample B for breakthroughs of 1.173% for Sample A and 0.278% for Sample B, thus meeting the

TESTER DQ ASSESSMENT



3. Regulatory Agency Review

- Test plan review
- Regulatory Field Observation Documentation
- Regulatory Assessment of Supporting Documentation
- Emission Results
- Comprehensive Regulatory Test Assessment (comments from regulator)



TEST REPORT REVIEW FEATURE – EMISSION RESULTS

Test Report Review

cility: Example data set Open Expanded

rmitted Source ID/Description: Unit ID 01B Wood-Fired Boiler

Select Compounds to view: Show All Compounds

Average Emissions

Applicable State and Federal Regulations for this Test Report:

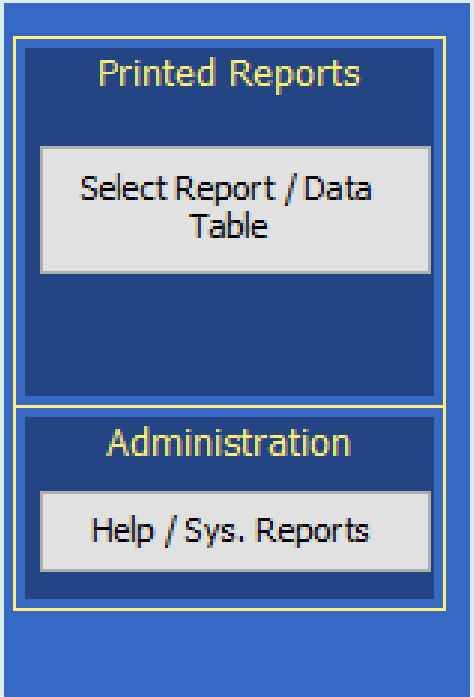
Regulation	Compound	Limit	Unit
Major Source Boilers	Carbon Monoxide	3500	ppm@3%O2
Major Source Boilers	Hydrogen Chloride	0.022	lb/million BTU using O2
Major Source Boilers	Mercury	0.0000057	lb/million BTU using O2
Major Source Boilers	Filterable Particulate	0.44	lb/million BTU using O2

Compound Emissions:

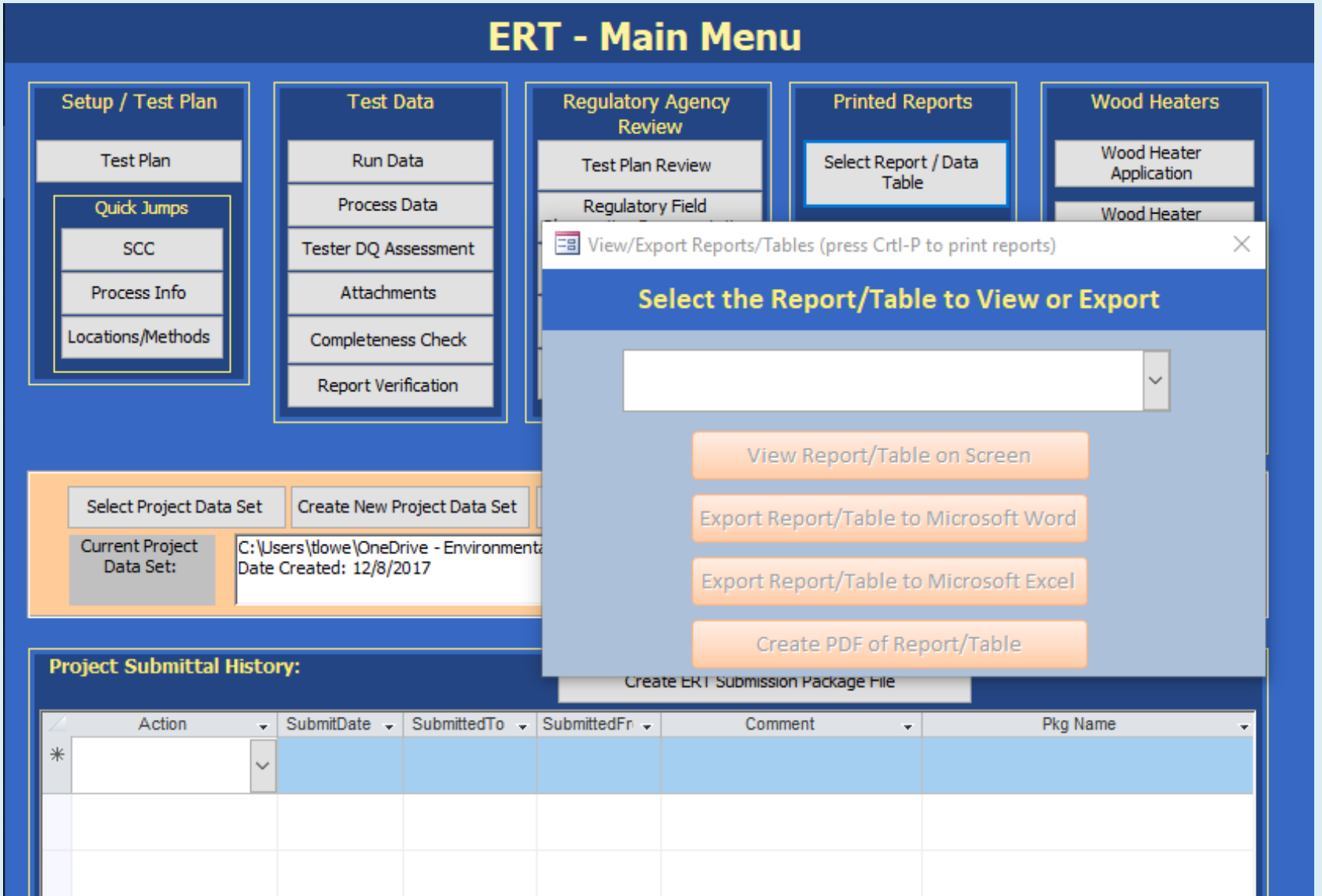
Location	Compound	Unit of Measure	Run1	Run2	Run3	Run Average	RegLimit
stack - Method 10	Carbon Monoxide	ppm@3%O2	2.21E+03	1.95E+03	2.14E+03	2.10E+03	3500
stack - Method 10	Carbon Monoxide	ppm	1.91E+03	1.62E+03	1.80E+03	1.78E+03	
stack - Method 26A	Filterable Particulate	mg/dscm	1.32E+02	1.18E+02	1.07E+02	1.19E+02	
stack - Method 26A	Filterable Particulate	lb/mmBtuO2	1.03E-01	9.55E-02	8.54E-02	9.46E-02	0.44
stack - Method 26A	Filterable Particulate	lb/hr	1.87E+01	1.70E+01	1.52E+01	1.70E+01	
stack - Method 26A	Hydrogen Chloride	mg/dscm	1.08E+03	1.08E-01	1.10E-01	3.60E+02	
stack - Method 26A	Hydrogen Chloride	lb/mmBtuO2	8.46E-01	8.74E-05	8.86E-05	2.82E-01	0.022
stack - Method 26A	Hydrogen Chloride	lb/hr	1.54E+02	1.55E-02	1.58E-02	5.13E+01	
stack - Method 30B	Mercury	ug/dscm	1.26E+00	1.09E+00	1.03E+00	1.13E+00	
stack - Method 30B	Mercury	lb/mmBtuO2	9.89E-07	8.46E-07	8.10E-07	8.82E-07	0.0000057
stack - Method 30B	Mercury	lb/hr	1.94E-04	1.75E-04	1.83E-04	1.84E-04	

4. Printed Reports and Help

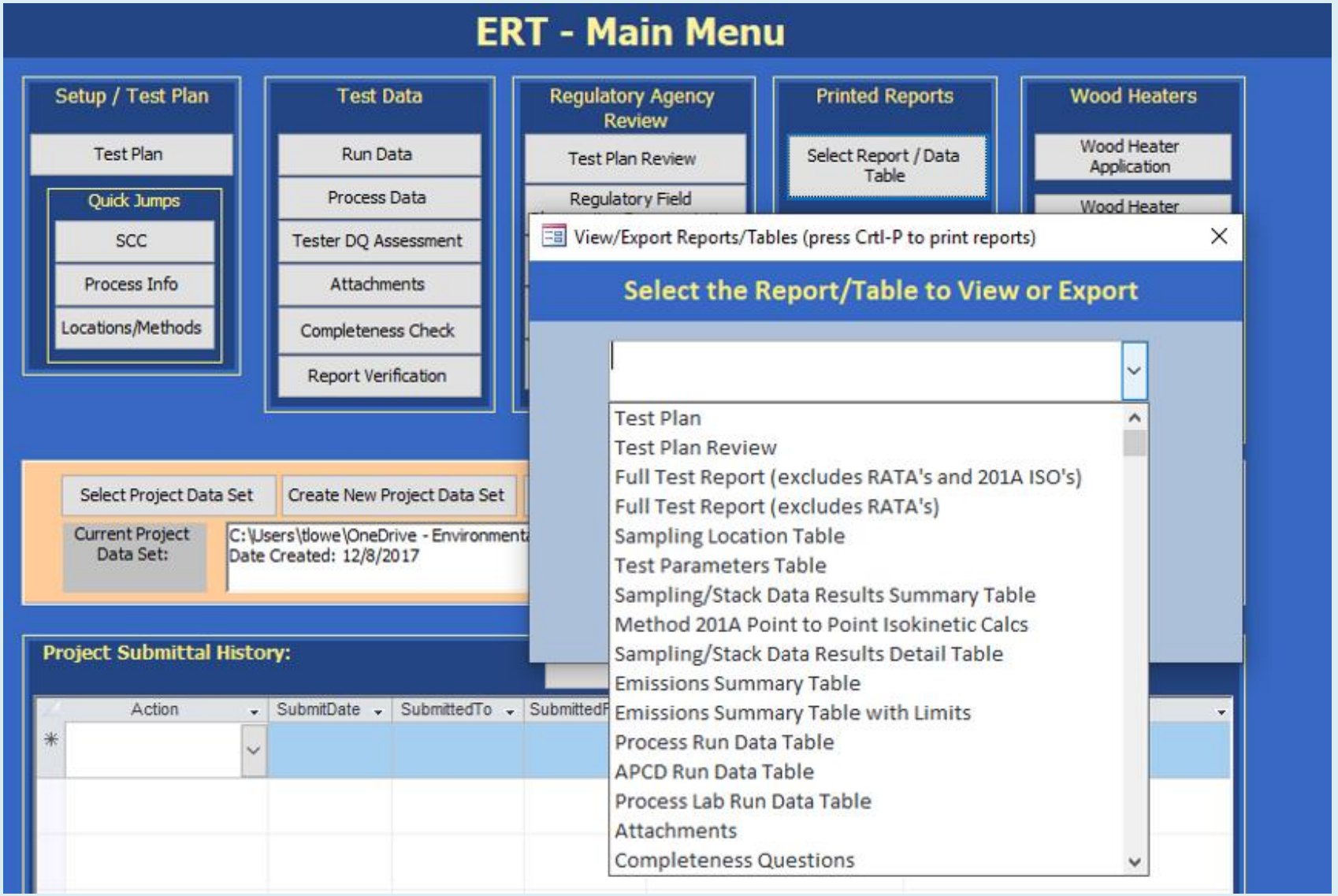
- Can print reports or tables from the dropdown list as pdfs, word documents or excel tables
- Help contains :
  - Version history
  - Field Result Calculations
  - Emission/Concentration Calculations
  - User Guide
  - Methods and target parameters
  - Data Dictionary



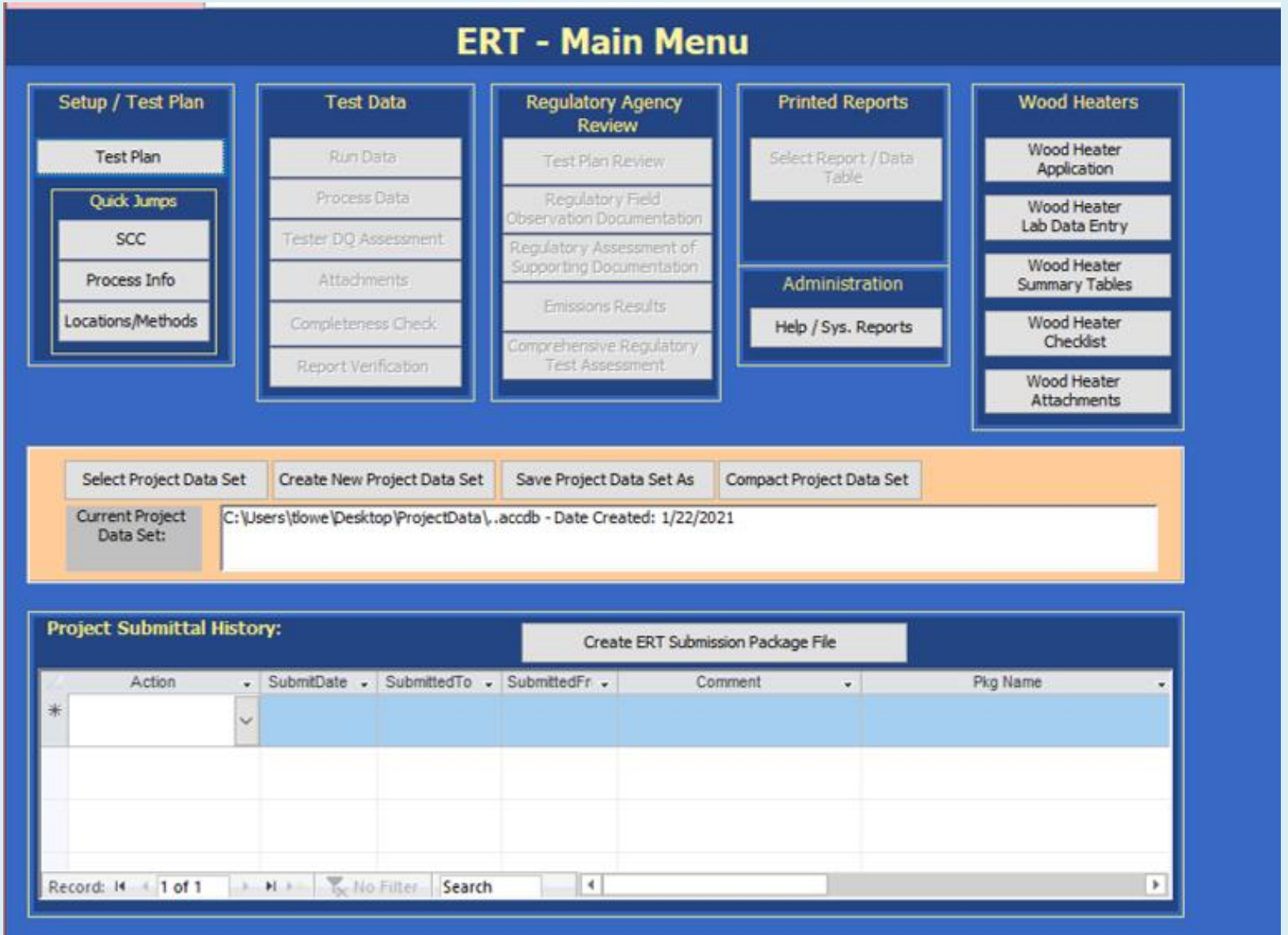
Select Report / Data Table



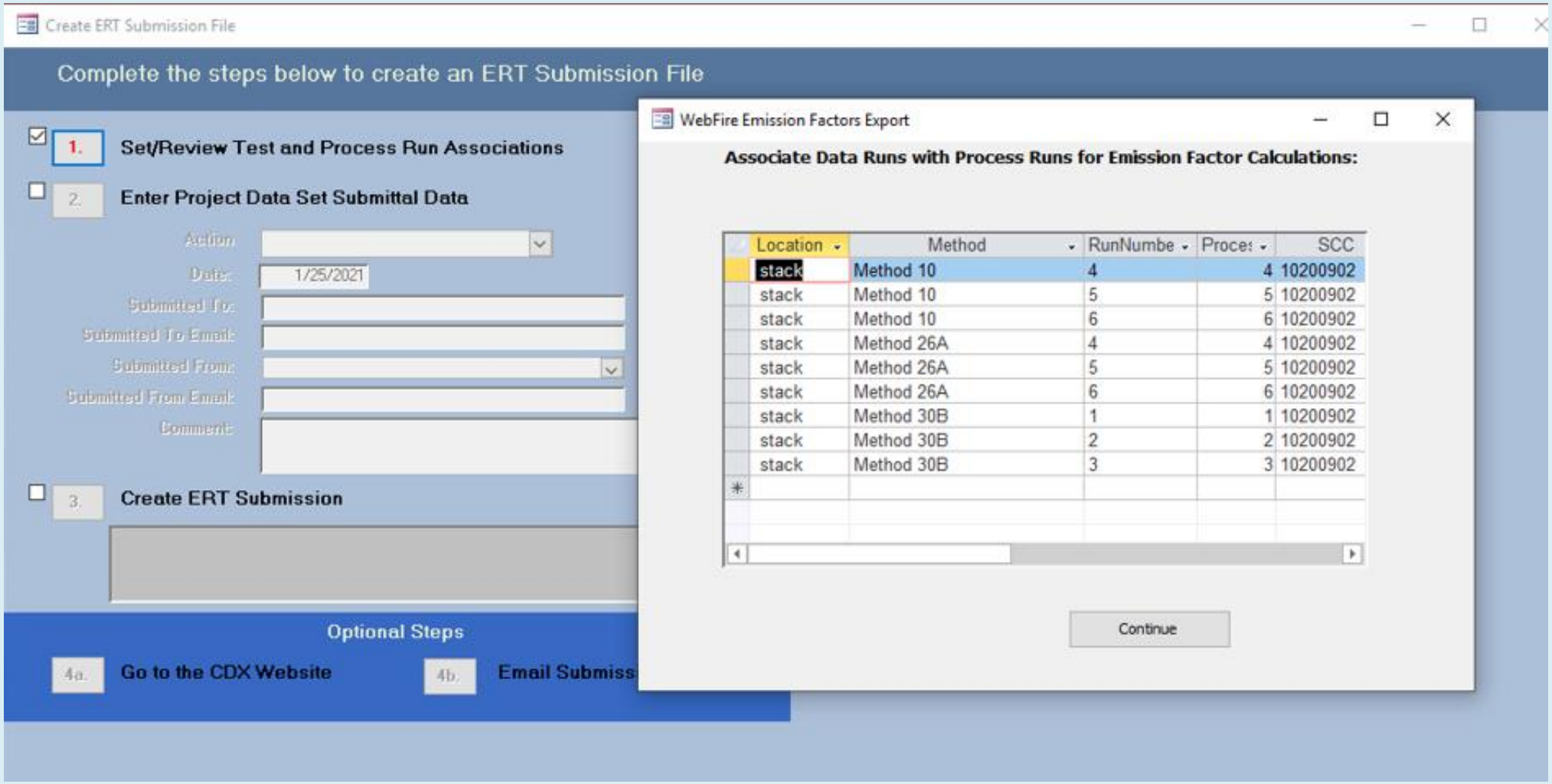
Printed Options



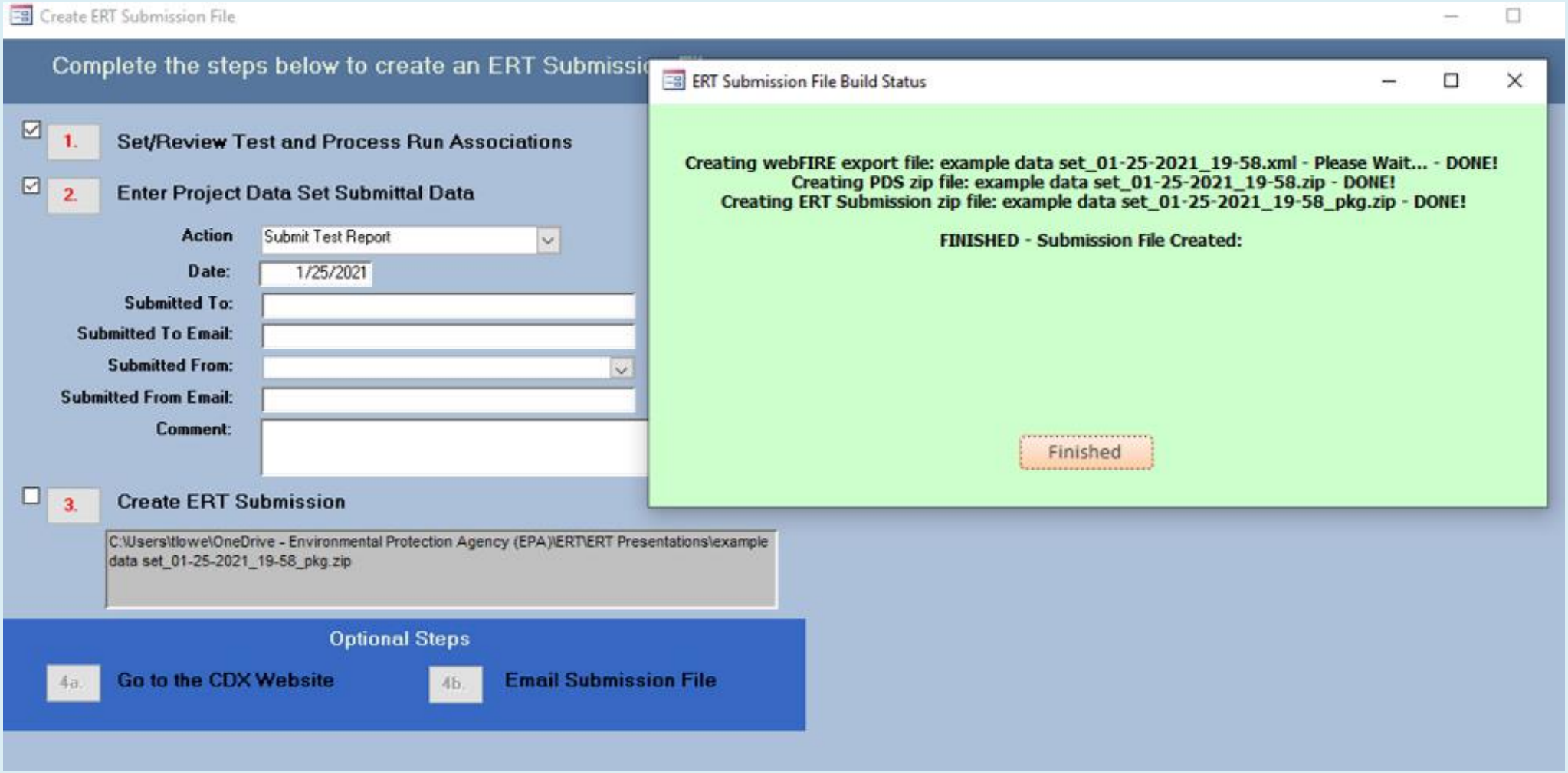
Create an ERT Submission package



Create ERT Submission Package File zip



Create ERT Submission Package File zip (continued)



5. Wood Heater Module

- The ERT has been enhanced to accommodate wood stove, hydronic heater and forced-air furnace electronic reporting.
- The module consists of the application, a section for the lab data and attachments, and a certification review checklist.
- The module is designed to be utilized for most wood stoves, hydronic heaters and forced-air furnace applications for a certificate of compliance.

CEDRI

Compliance and Emissions Data Reporting Interface

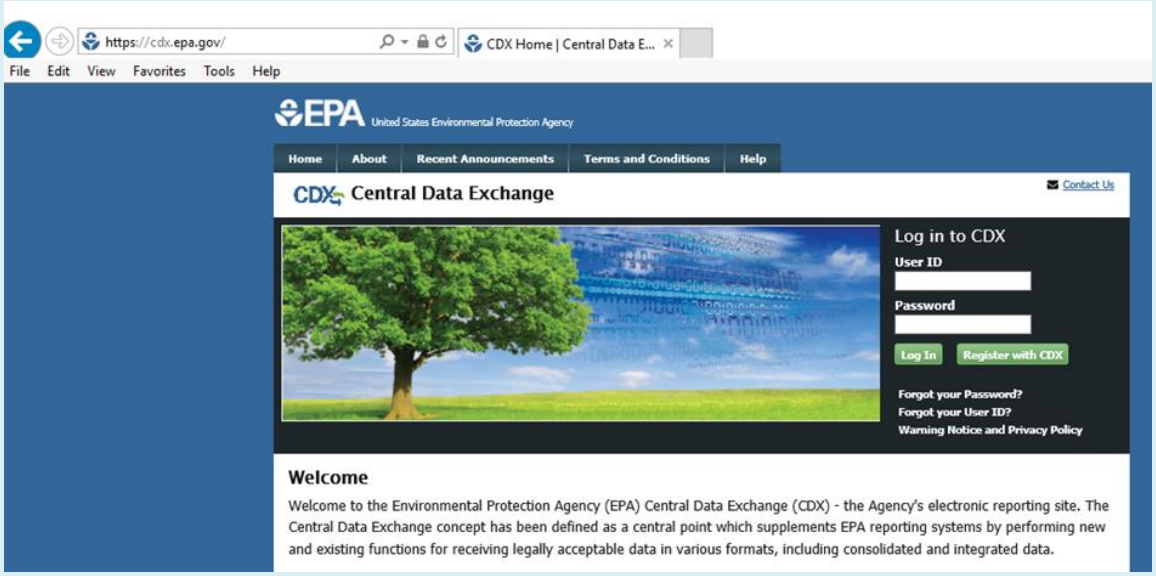
What is CEDRI?

- Compliance and Emissions Data Reporting Interface (CEDRI) is a system where affected sources can electronically submit performance test reports, notification reports, and periodic reports to EPA based on EPA regulations codified in 40 CFR Parts 60, 62, and 63.
- CEDRI also collects 40 CFR Part 49, 70, and 71 Title V reports.

How do I Access CEDRI?

- Central Data Exchange (CDX) is where CEDRI is located. The CDX Web is the application used by EPA programs and various stakeholders to manage environmental data transmitted to EPA in order to meet EPA's electronic reporting requirements.

- CDX log in page: https://cdx.epa.gov/. Once signed in, click on your role (e.g., EPA Regional Reviewer or State Reviewer) found in the green Services area.



CEDRI Roles

- Reporting Facilities
  - Preparer
  - Certifier/Delegated Certifier
- EPA Region/State/Local/Tribal Agencies
  - State Reviewer
  - EPA Regional Reviewer
- EPA Program Office Personal
  - EPA Rule Lead
  - EPA Reviewer

Industry Roles

- **Preparer** - The person responsible for the preparation of reports for signature
  - Contractors can be preparers and assemble submission packages
  - Preparer can not sign and submit a submission package
- **Certifier** – The duly authorized representative of the source/facility
  - The "owner" or "operator" of the facility
  - Authorized to modify the package a Preparer has assembled, and sign and submit the package to CDX
  - Contractors can not be Certifiers
- **Delegated Certifier** – A person granted authority by a registered Certifier to sign and submit packages on behalf of the Certifier
  - Authorized to modify the package a Preparer has assembled, and sign and submit the package to CDX
  - Contractors can not be Delegated Certifiers

Reviewer Roles

- State Reviewer – Regulatory officials who serve local, state and/or tribal areas
  - Authorized to review all submissions that are applicable to the states and/or territories for which they are registered

- EPA Regional Reviewer – EPA regulatory officials who service EPA regional areas and need access to CEDRI submissions
  - Authorized to view all submissions to CEDRI that are applicable to the Region for which they are registered

How do I Register with CDX/CEDRI?

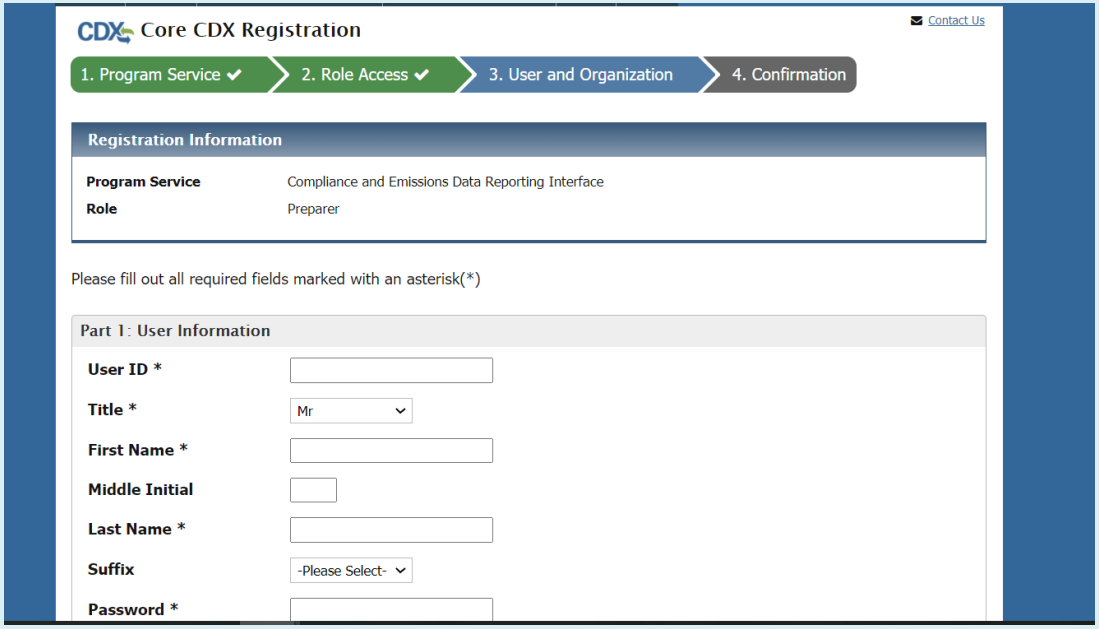
Industry Roles

- Register through the CDX: https://cdx.epa.gov/

How do I Register with CDX/CEDRI?

Industry Roles

- Register with CDX → Select program service → Select Role → Add Facilities
- Fill out information then hit submit
- The Certifier role requires identity proofing and a signed Electronic Signature Agreement (ESA) prior to activating the Certifier role in EPA's Central Data Exchange (CDX)



How do I Register with CDX/CEDRI?

Reviewer Roles

- Register by sending an email to: CEDRI@epa.gov
- Include following information –
  - Role Requesting
  - EPA Region or State
  - First and Last Name
  - Organization Name
  - Organization Address
  - Email Address
  - Phone Number

Types of Reports Submitted in CEDRI

Performance Test Reports

The Electronic Reporting Tool (ERT), built in Microsoft Access, is used to generate files containing emissions source test data. Facilities upload these files to CDX using CEDRI.

Notification Reports

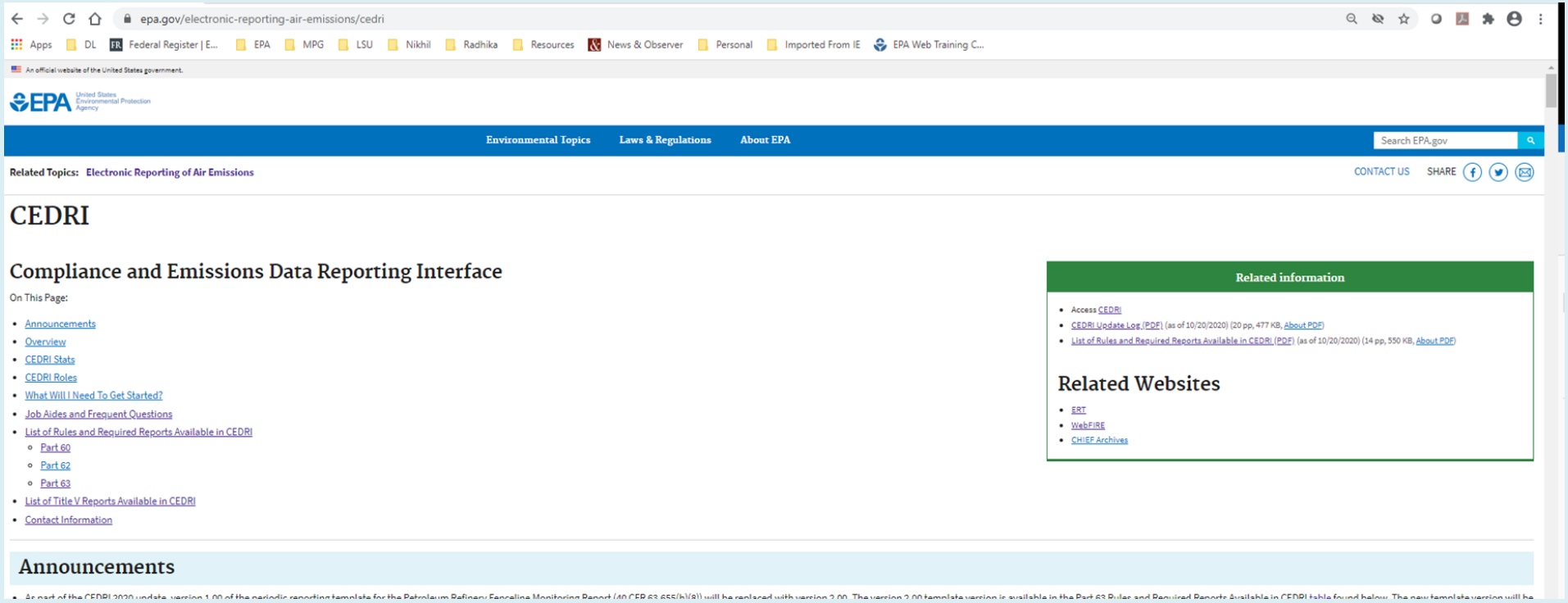
A Notification Report or Notification of Compliance Status (NOCS) are reports typically submitted by a regulated facility that notifies the designated authority that the facility has achieved compliance with an applicable regulation. (Note: In CEDRI most Notification Reports will be uploaded in PDF form, but several rules have combined the NOCS with the Periodic Report using a spreadsheet template format.)

Periodic Reports

Reports submitted by the facility that may demonstrate initial compliance or that demonstrate the facility has maintained continuous compliance with an applicable regulation over the reporting period (e.g., 6 months). These reports will be identified by the report names found in each specific rule; examples include: Compliance Report, Summary Report, Annual Report, and Excess Emissions Report. Reporting options include:

- **Spreadsheet template upload** - Users can fill out an Excel template that includes all of the data elements for a given periodic report (single facility or for multiple facilities).
- **XML Schema** - Users can use the schema to prepare an XML file to create a periodic report form.

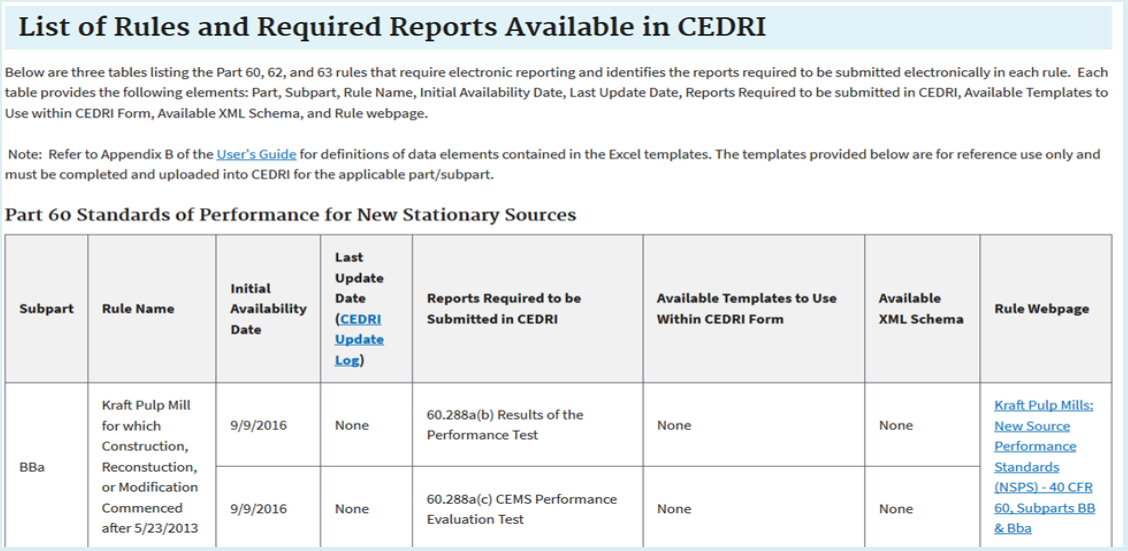
CEDRI Website



https://www.epa.gov/electronic-reporting-air-emissions/cedri

CEDRI Website

- Recent announcements
- Update log
- Submission statistics
- List of rules and reports available in CEDRI
- Job aides and FAQ



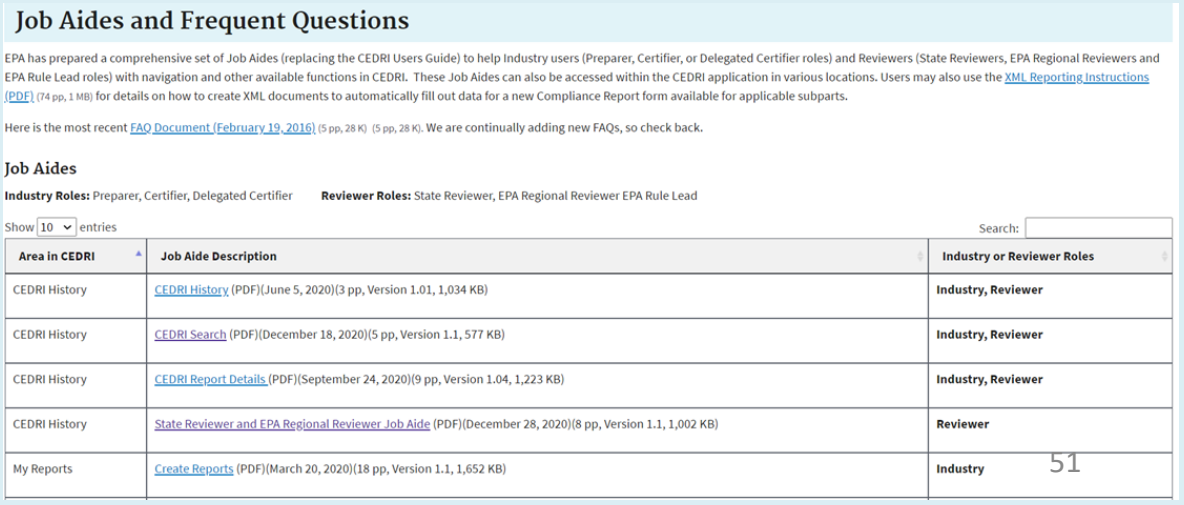
List of Rules and Required Reports Available in CEDRI

Below are three tables listing the Part 60, 62, and 63 rules that require electronic reporting and identifies the reports required to be submitted electronically in each rule. Each table provides the following elements: Part, Subpart, Rule Name, Initial Availability Date, Last Update Date, Reports Required to be submitted in CEDRI, Available Templates to Use within CEDRI Form, Available XML Schema, and Rule webpage.

Note: Refer to Appendix B of the User's Guide for definitions of data elements contained in the Excel templates. The templates provided below are for reference use only and must be completed and uploaded into CEDRI for the applicable part/subpart.

Part 60 Standards of Performance for New Stationary Sources

Subpart	Rule Name	Initial Availability Date	Last Update Date (CEDRI Update Log)	Reports Required to be Submitted in CEDRI	Available Templates to Use Within CEDRI Form	Available XML Schema	Rule Webpage
BBa	Kraft Pulp Mill for which Construction, Reconstuction, or Modification Commenced after 5/23/2013	9/9/2016	None	60.288a(b) Results of the Performance Test	None	None	Kraft Pulp Mills: New Source Performance Standards (NSPS) - 40 CFR 60, Subparts BB & Bba
		9/9/2016	None	60.288a(c) CEMS Performance Evaluation Test	None	None	



Job Aides and Frequent Questions

EPA has prepared a comprehensive set of Job Aides (replacing the CEDRI Users Guide) to help Industry users (Preparer, Certifier, or Delegated Certifier roles) and Reviewers (State Reviewers, EPA Regional Reviewers and EPA Rule Lead roles) with navigation and other available functions in CEDRI. These Job Aides can also be accessed within the CEDRI application in various locations. Users may also use the XML Reporting Instructions (PDF) (74 pp, 1 MB) for details on how to create XML documents to automatically fill out data for a new Compliance Report form available for applicable subparts.

Here is the most recent FAQ Document (February 19, 2016) (5 pp, 28 K) (5 pp, 28 K). We are continually adding new FAQs, so check back.

Job Aides

Industry Roles: Preparer, Certifier, Delegated Certifier **Reviewer Roles:** State Reviewer, EPA Regional Reviewer EPA Rule Lead

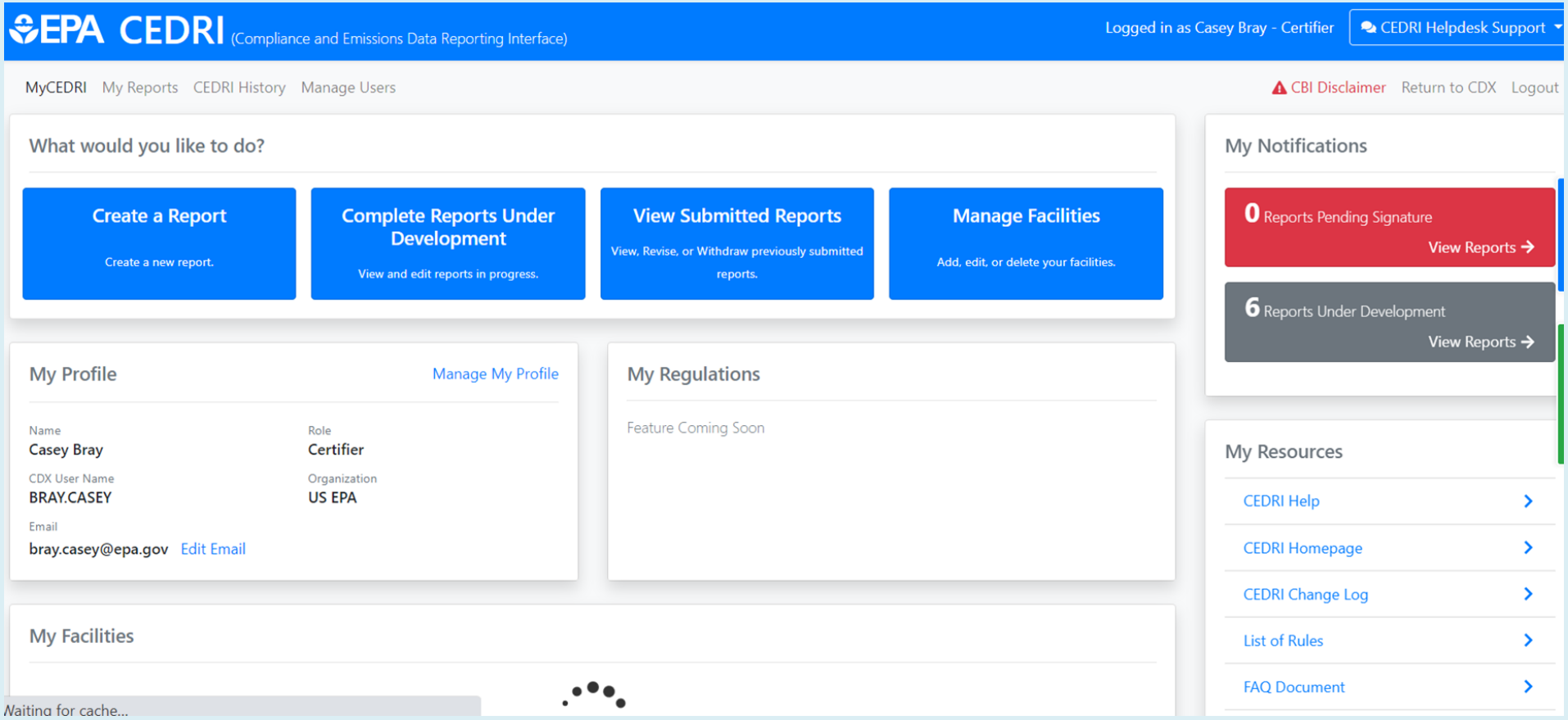
Show 10 entries Search:

Area in CEDRI	Job Aide Description	Industry or Reviewer Roles
CEDRI History	CEDRI History (PDF)(June 5, 2020)(3 pp, Version 1.01, 1,034 KB)	Industry, Reviewer
CEDRI History	CEDRI Search (PDF)(December 18, 2020)(5 pp, Version 1.1, 577 KB)	Industry, Reviewer
CEDRI History	CEDRI Report Details (PDF)(September 24, 2020)(9 pp, Version 1.04, 1,223 KB)	Industry, Reviewer
CEDRI History	State Reviewer and EPA Regional Reviewer Job Aide (PDF)(December 28, 2020)(8 pp, Version 1.1, 1,002 KB)	Reviewer
My Reports	Create Reports (PDF)(March 20, 2020)(18 pp, Version 1.1, 1,652 KB)	Industry

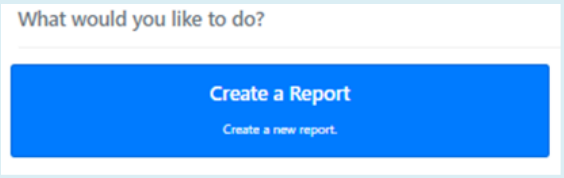
Highlights of Industry Pages

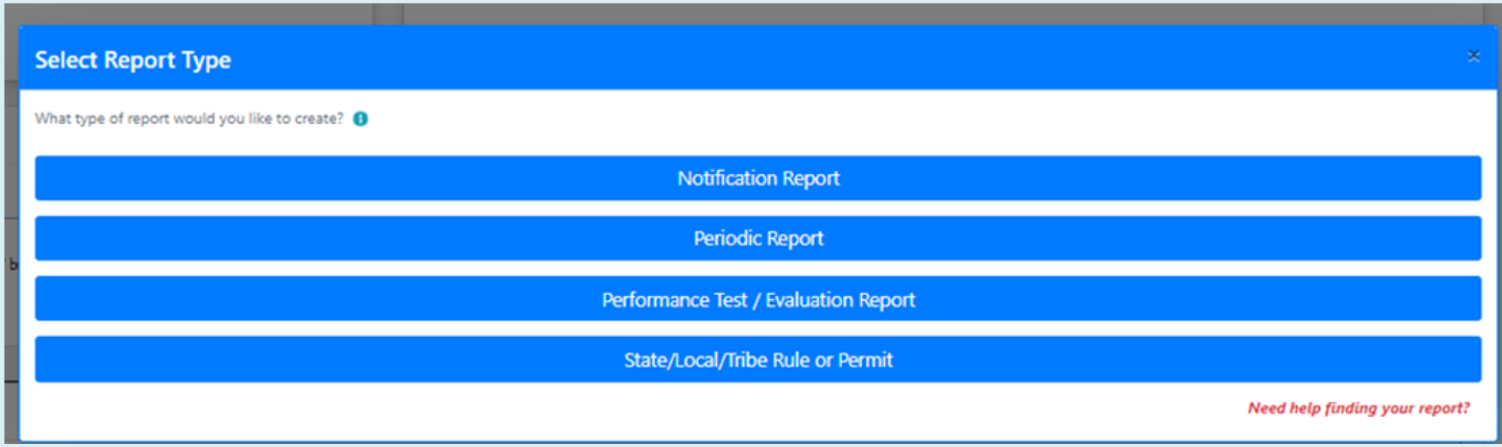
- My CEDRI Dashboard page
- My Reports Process
- CEDRI History/ New Search capabilities
  - Resubmit / Withdraw Reports
- Report Details

MyCEDRI Dashboard



My Reports Process – Create a Report

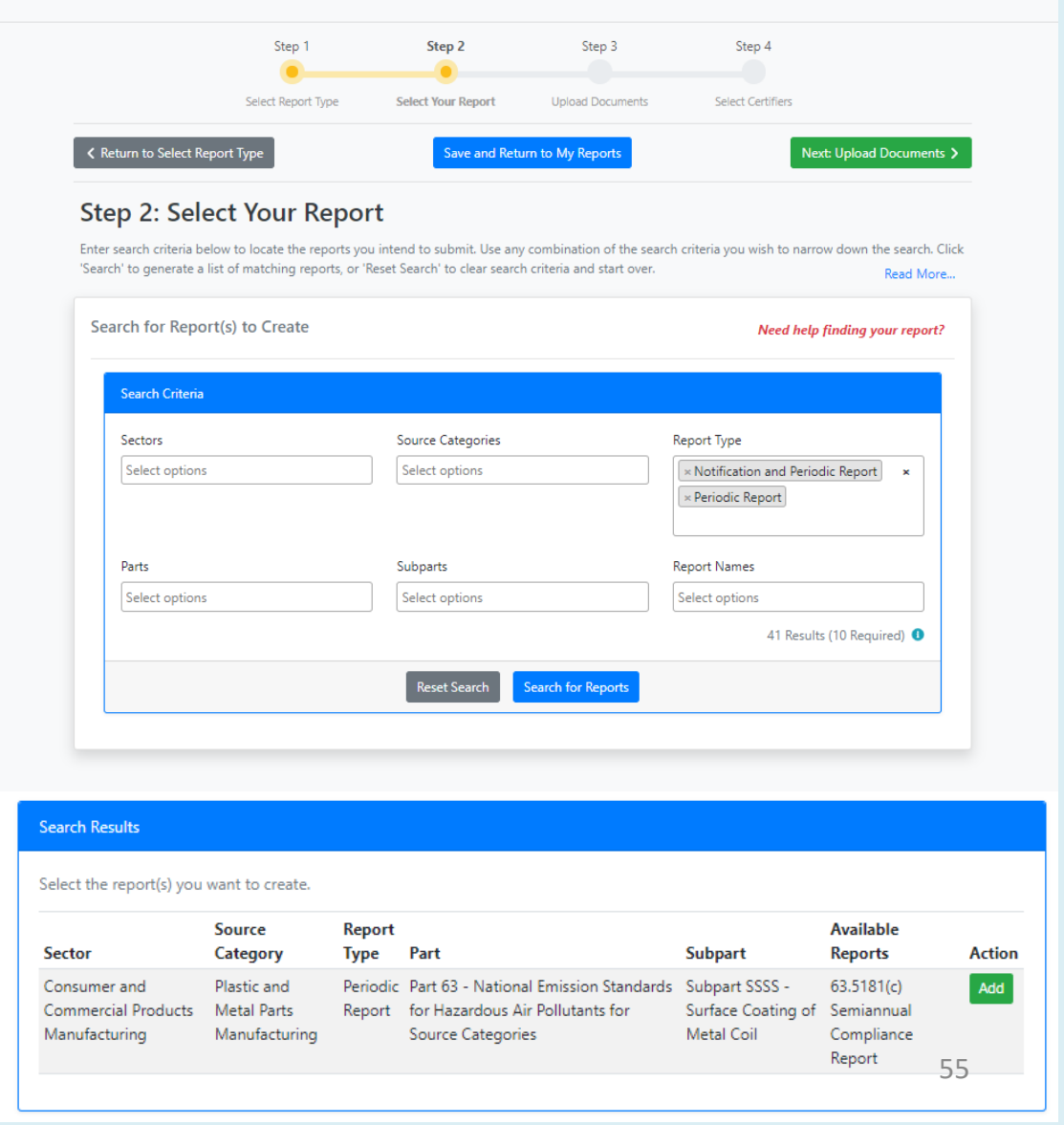




- Create a Report ---> Select Report Type
- Step by step process, differs between ERT (performance test/evaluation reports) versus non-ERT reports
- Need help? -- Help find report with examples and list of reports

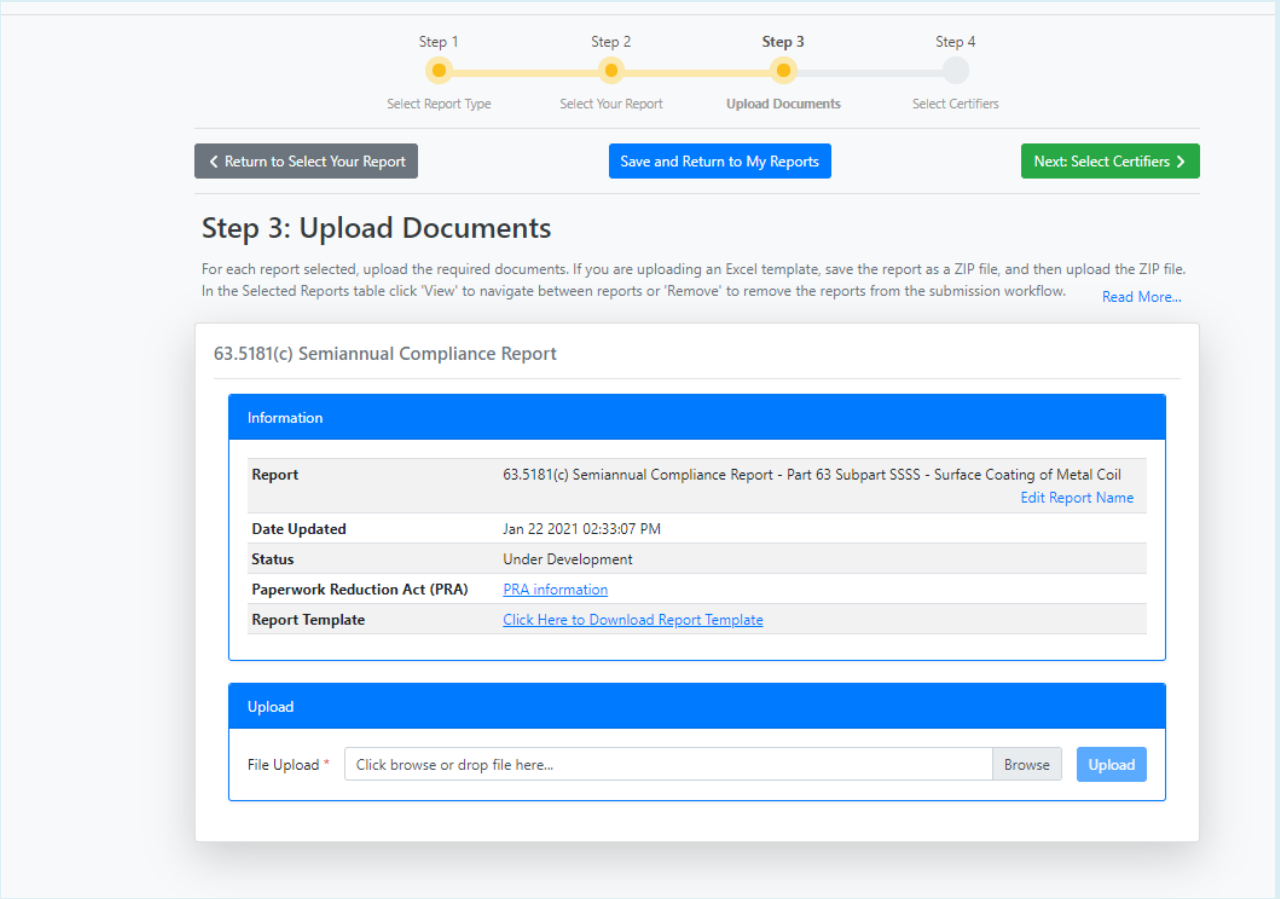
My Reports Process – non ERT Reports

- **Step 2 - Select Report**
- Can search by any of the search criteria
- Select Search for Reports
- Select report → hit 'Add'



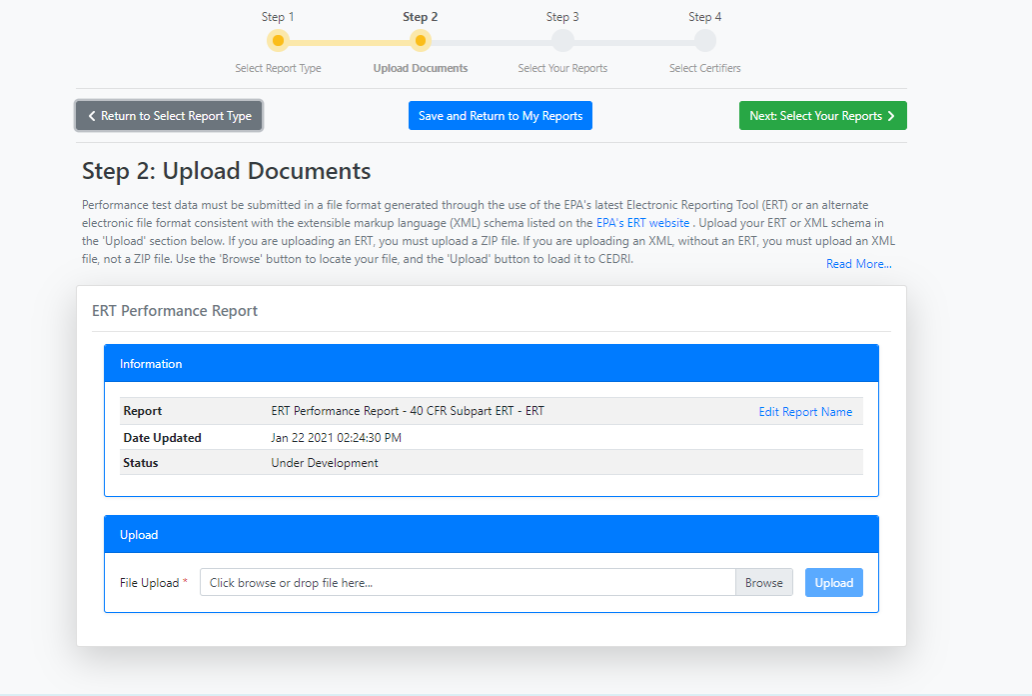
My Reports Process – non ERT Reports

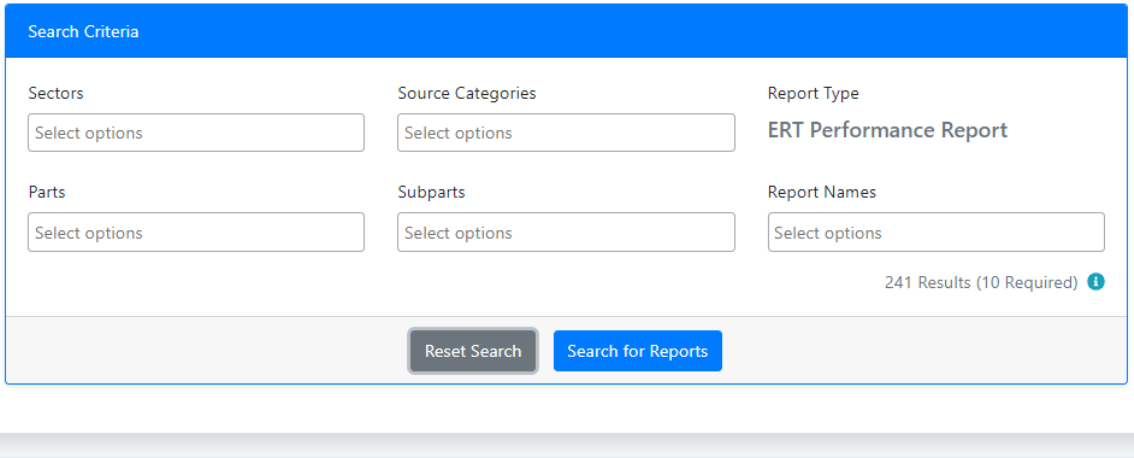
- **Step 3 – Upload Documents**
- File upload



My Reports Process – ERT Reports

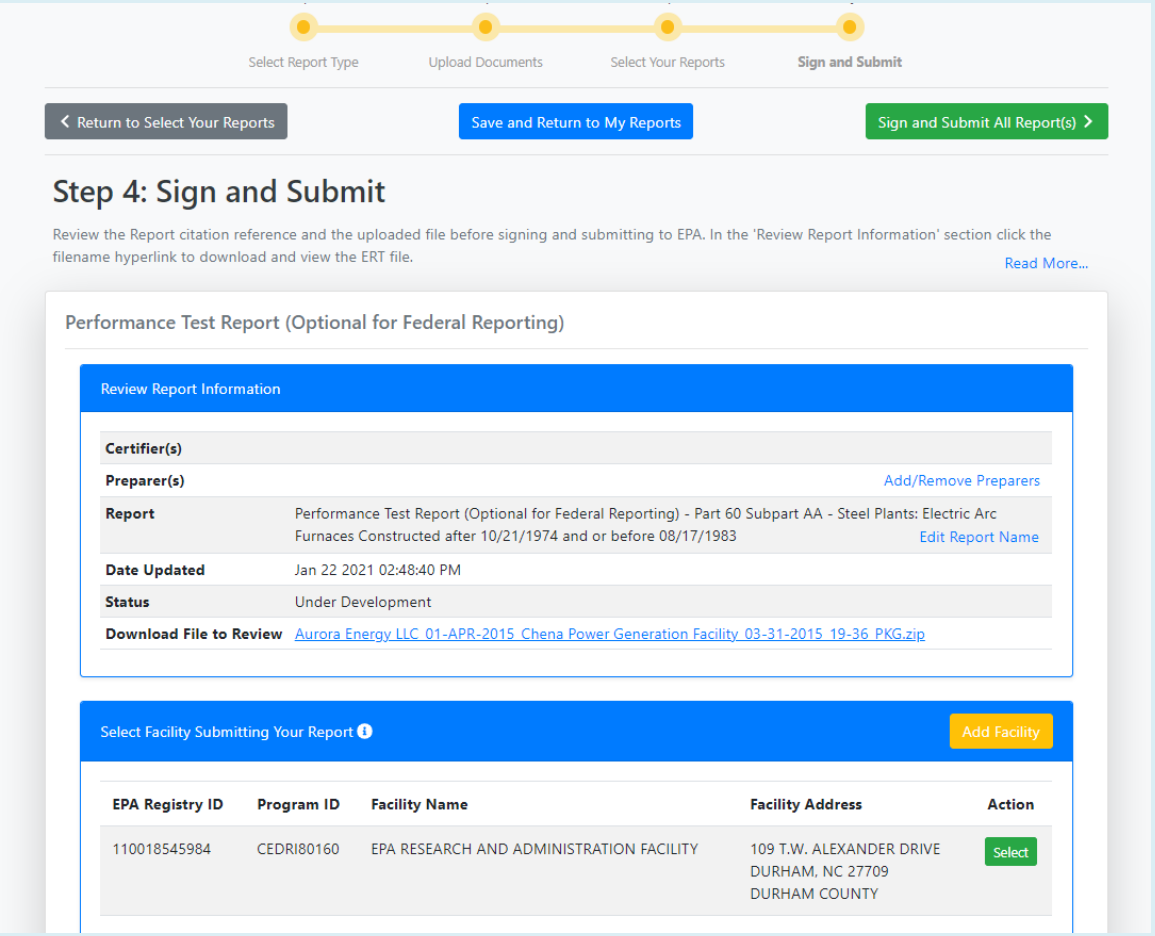
- **Step 2 – Upload Documents**
  - File upload
- **Step 3 – Select Report**
  - Can search by any criteria



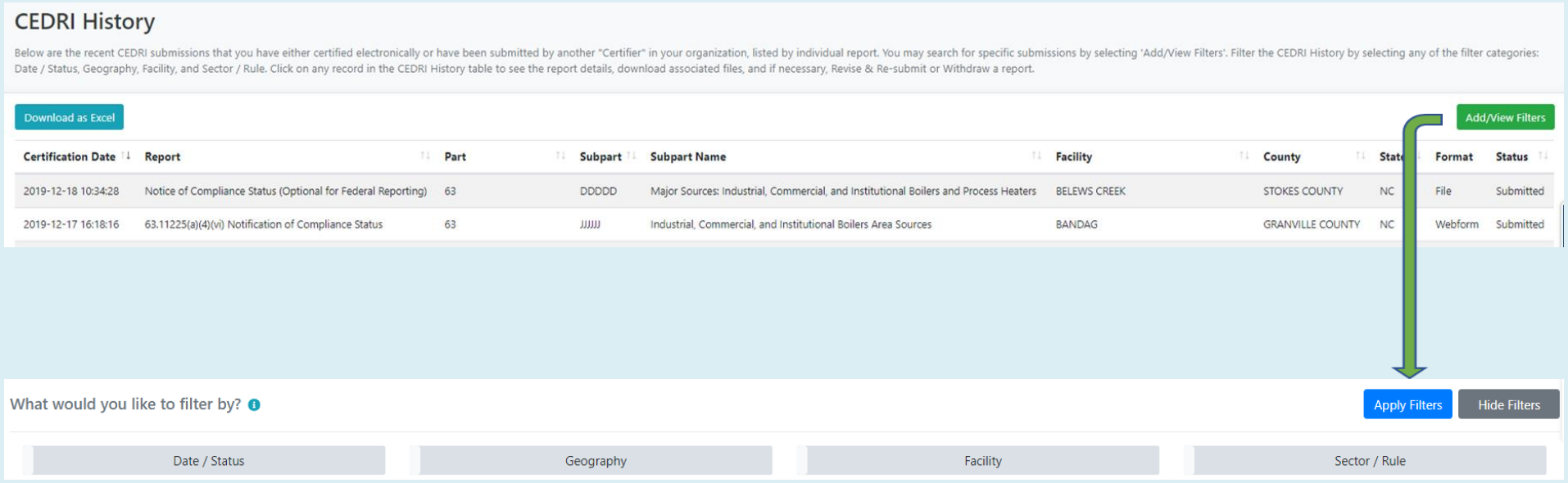


My Reports Process

- **Step 4 – Notify Certifier** (Preparer Role)
- **Step 4 – Sign and Submit** (Certifier/Delegated Certifier Role)



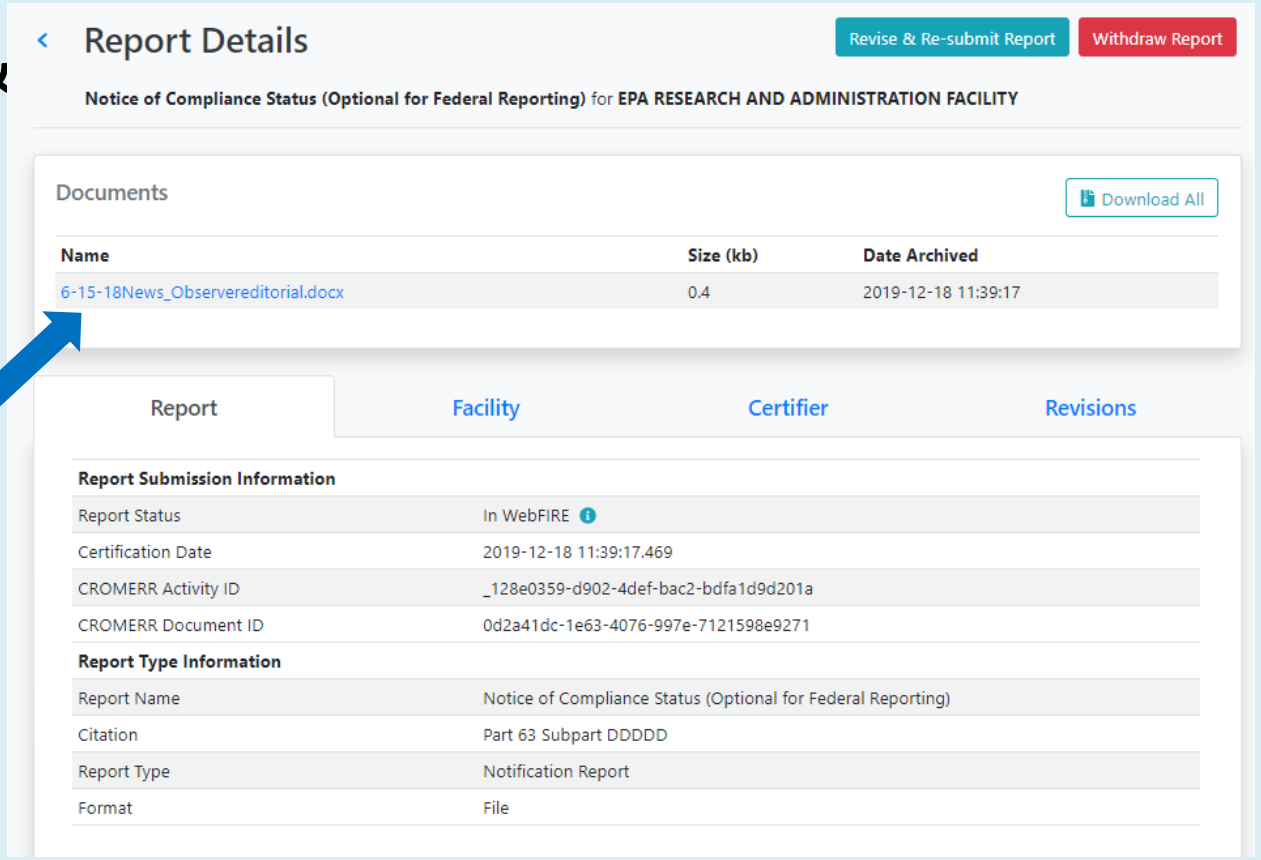
CEDRI History



- Ability to filter by Date/Status, Geography, Facility, and Sector/Rule

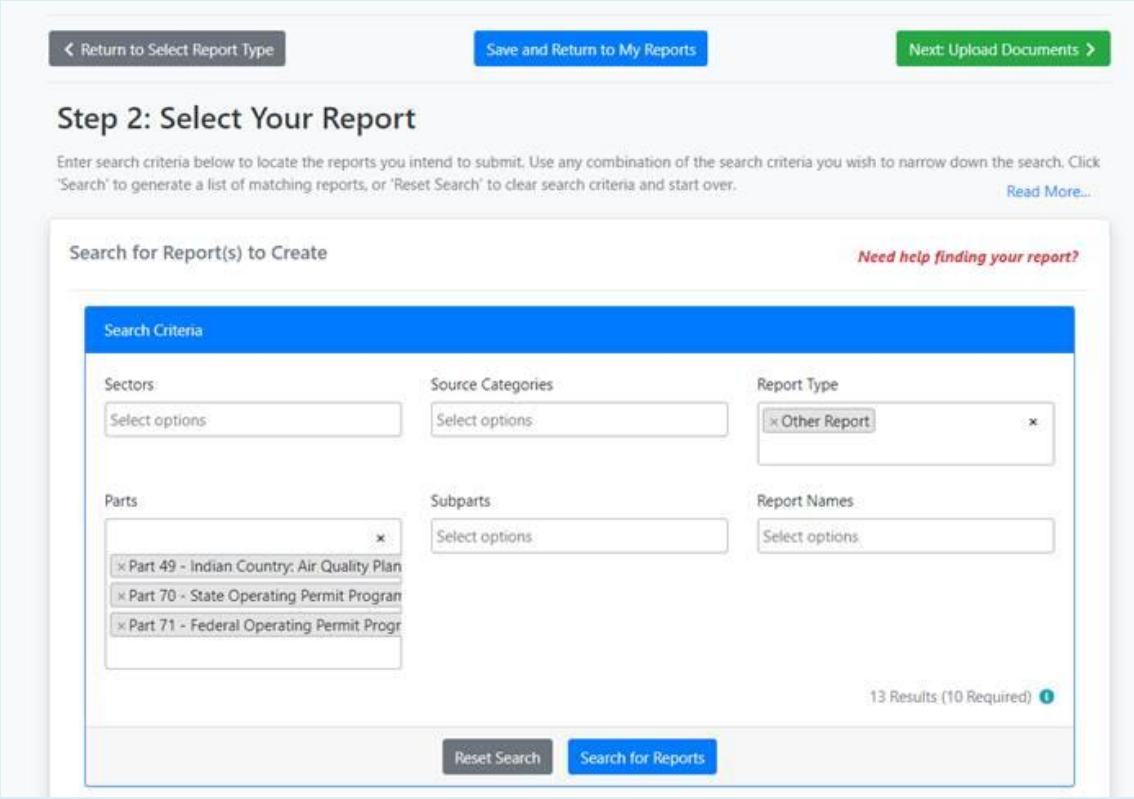
Report Details

- Ability to Revise & Resubmit and Withdraw Report buttons
- View or save the report by clicking on the file



New Title V Reports

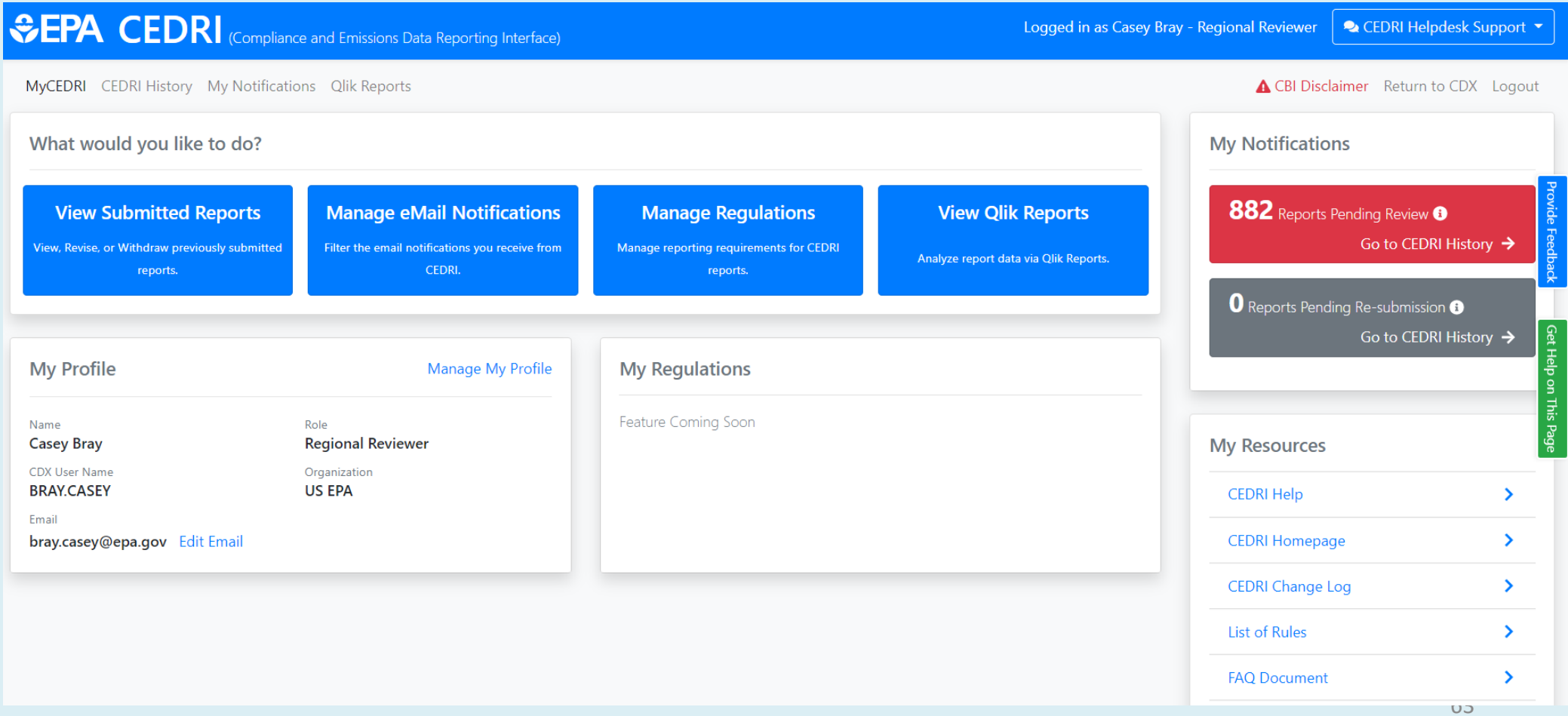
- Part 49, 70, and 71 Title V reports may now be submitted through CEDRI by Industry users
  - **Part 49 -** 49.155 Annual Emission Report, 49.155 Deviation Report
  - **Part 70 -** 70.4(b)(12)(i) Notification of 502(b)(10) Changes, 70.5 Title V Permit Application, 70.6(a)(3)(iii)(A) Semi-Annual Monitoring Report, 70.6(a)(3)(iii)(B) Deviation Report, 70.6(c)(5)(iii) Annual Compliance Certification Report
  - **Part 71 -** 71.5 Title V Permit Application, 71.6(a)(3)(iii)(A) Semi-Annual Monitoring Report, 71.6(a)(3)(iii)(B) Deviation Report, 71.6(a)(13) Notification of 502(b)(10) Changes, 71.6(c)(5)(iii) Annual Compliance Certification Report



Highlights of Reviewer Pages

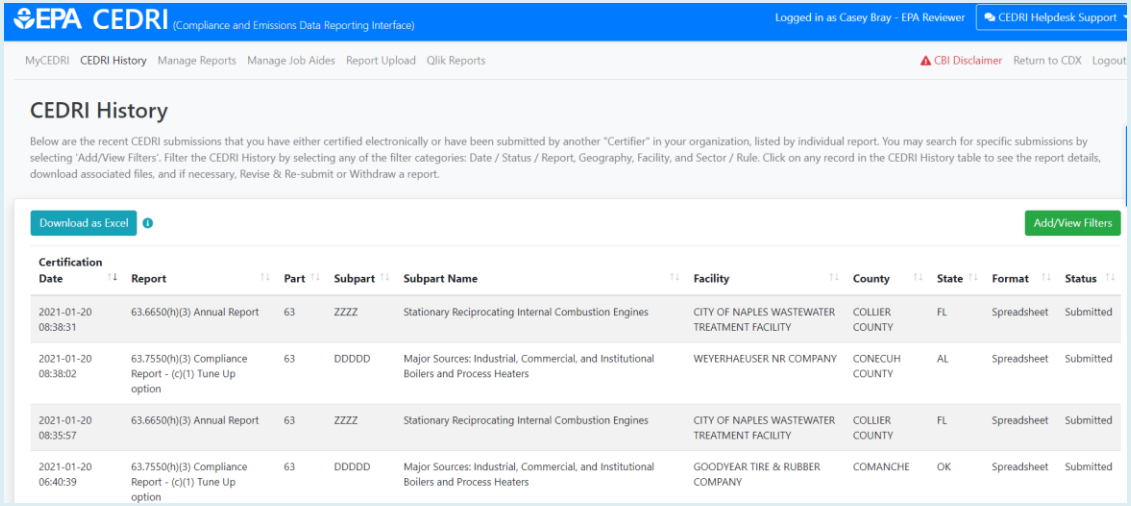
- MyCEDRI Dashboard
- Updated CEDRI History with new Search capabilities
- Updated Report Details / Review Process
- eMail Notifications
- View Qlik Reports (EPA Regional Reviewer role)

MyCEDRI Dashboard



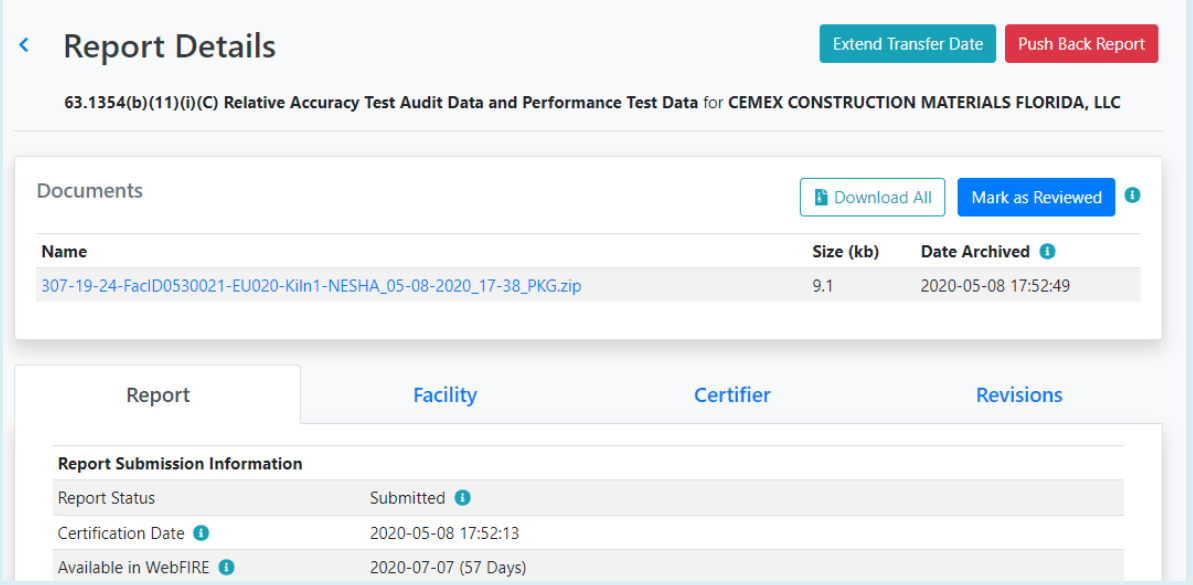
CEDRI History

- New filtering search filter by Date/Status, Geography, Facility, and Sector/Rule
- Click on any record to access report details
- Ability to sort on most columns
- Ability to download table by clicking on 'Download as Excel' button
  - CSV will include additional data elements in near future (e.g., CROMMER Activity ID)



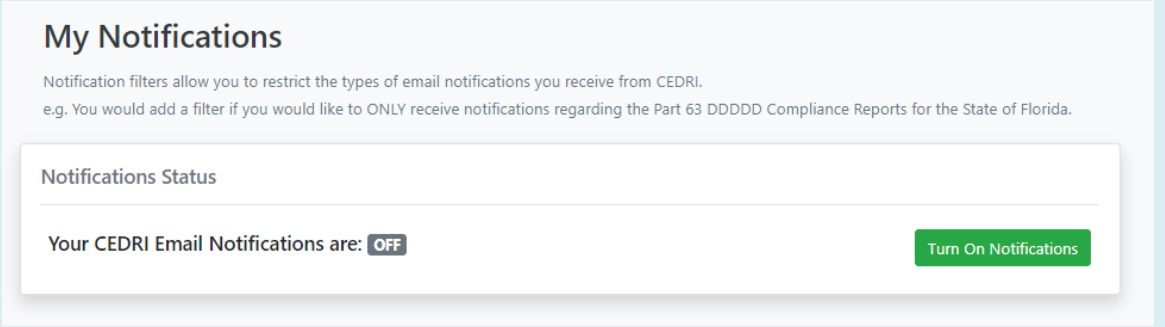
Report Details/Review Process

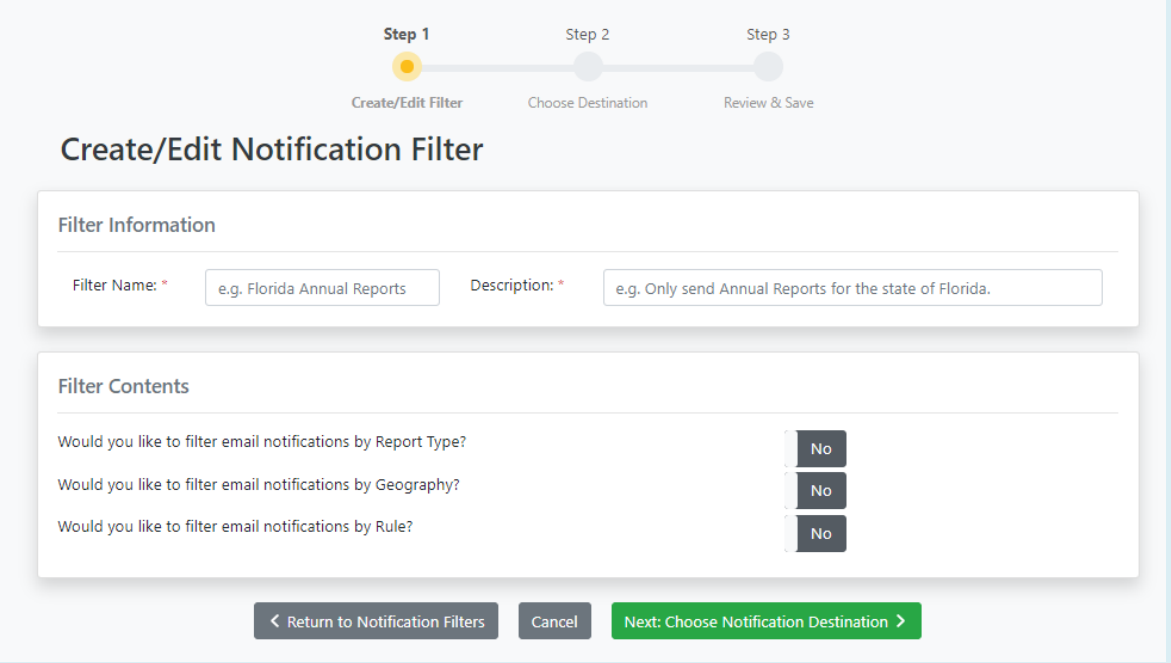
- **Push Back for Resubmission -** Sends the report back to the CEDRI Certifier for necessary revisions to spreadsheet template, associated parts and subparts, or any other areas that require update
- **Extend WebFIRE Transfer Date -** Extends the default transfer period to WebFIRE. ERT-type reports have a 60-day transfer period - all other reports have a 30-day transfer period. This function allows reviewers to extend this date by 1 transfer period
- **Mark as Reviewed -** Overrides current WebFIRE transfer date and begins immediate transfer to WebFIRE



eMail Notifications

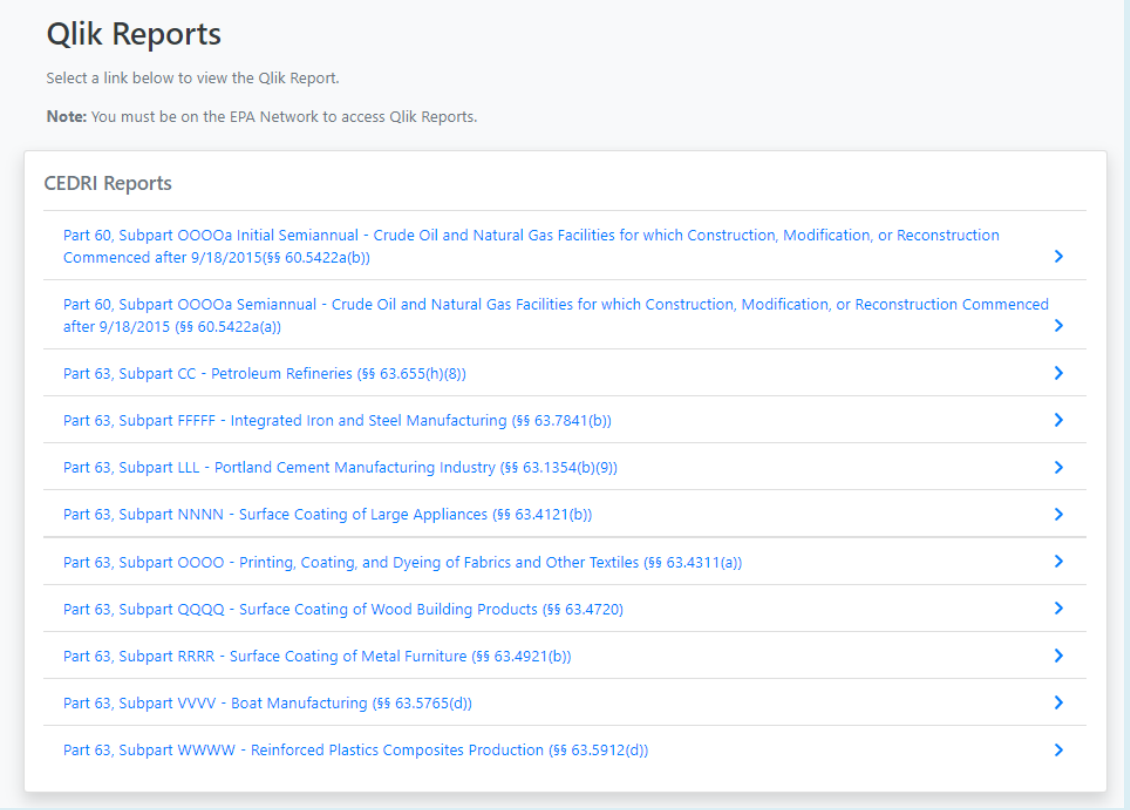
- Turn eMail Notifications on and off
- Create/Edit Notification Filter
  - By Report Type
  - By Geography
  - By Rule
- Ability to set notification destination





View Qlik Reports

- Currently only available for EPA Regional Reviewers role
- New Qlik Reports are added as reports are made available in CEDRI
- Only developed for Periodic Report templates

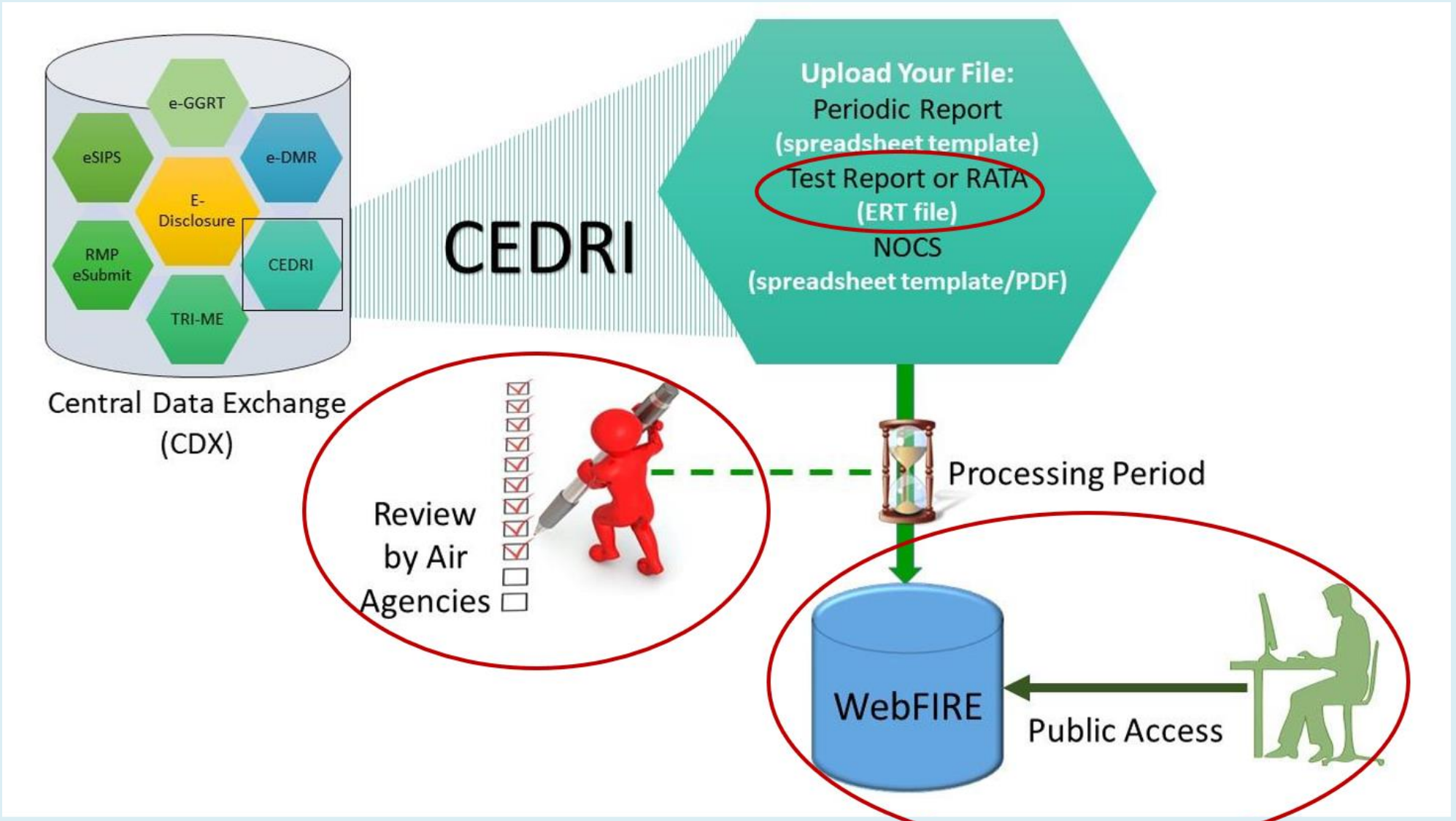


Helpful Links

- CEDRI Homepage – https://www.epa.gov/electronic-reporting-air-emissions/cedri
- CDX – https://cdx.epa.gov
- Other CEDRI questions, email **cedri@epa.gov**

WebFIRE

Data Flow


e-GGRT
eSIPS
e-DMR
E-Disclosure
RMP eSubmit
CEDRI
TRI-ME
Central Data Exchange (CDX)
CEDRI
Upload Your File:
Periodic Report
(spreadsheet template)
Test Report or RATA
(ERT file)
NOCS
(spreadsheet template/PDF)
Review by Air Agencies
Processing Period
WebFIRE
Public Access

Background

- Emissions factors relate the quantity of air emissions from a process to a specific activity associated with the emissions
- Emissions factors used to estimate emissions from a normally operated process or activity
- Emissions factors designed for use in national and regional emissions inventories
- Recommend site-specific stack testing for other uses (e.g., permitting, applicability, emission limits)
- **Is AP-42 going away? No** – AP-42 is an online compilation of EPA's air pollution emissions factors divided into chapters for different types of sources.
- **WebFIRE** – Online searchable database for air emission factors, repository and future emissions factors development tool

Where are we now?

- Over 10,400 stack test reports submitted through CEDRI are available in WebFIRE since 2012
- Emissions factor procedures have been developed (2013) and are planned to be finalized in 2021: https://www.epa.gov/air-emissions-factors-and-quantification/procedures-development-emissions-factors-stationary-sources
- Revised SCC search logic for the emissions factor search for records with both discontinued and replaced SCCs

Where are we now? (continued)

- Manually developed new/revised emissions factors for certain petroleum refinery processes, ground flares for oil and gas production, and chemical manufacturing:
  - https://www.epa.gov/air-emissions-factors-and-quantification/documentation-supporting-proposed-and-final-emissions
- Completed testing of new emissions factor procedures programmed in WebFIRE Fall/Winter 2020
- Proposing multiple (3 to 4) new/revised emissions factors Spring 2021

Public Review Process of Emissions Factors

- Emission factor developments/revisions are driven by the data received from E-Reporting
- Factors not drafted on any specific "timeframe" – will be proposed periodically
- Posted on the Air Emissions Factors and Quantification Drupal site:

  https://www.epa.gov/air-emissions-factors-and-quantification/documentation-supporting-proposed-and-final-emissions
- Notifications sent out via CHIEF listserv:

  https://www.epa.gov/chief/chief-listserv
- 60-day public comment period
- EPA reviews public comments and determines if emissions factors should be revised/developed

New Approach Components

- Development of Electronic Reporting Tool (ERT) to allow electronic submission of stack test reports
- Development of data submission portal (CEDRI)
- Development of WebFIRE to automatically calculate new or revised emissions factors
- Under new system, emissions factor development will be faster, more representative, higher quality and more objective than previous approach
- Rule revisions to require electronic reporting of stack test reports

WebFIRE Functions

- WebFIRE is EPA's online emissions factor retrieval database
- Repository for electronically submitted stack test reports and other compliance reports
- Programmed statistical procedures to electronically develop new/revised emissions factors (WebFIRE admin module)
- Provides search functions for reports received via CEDRI
- Allows users to generate their own emissions factors (future) – April 2021
- (Future enhancements): Webservices to handle ranges, < values, formulas, unit conversions…

EPA's New Statistical-Based Emissions Factor Development Procedures

- Test data collected using ERT
- ERT assigns numerical quality rating to individual test report
- ERT file submitted to WebFIRE via CEDRI
- Statistical procedures for determining if data is below the minimum detection limit (MDL) – no EF all BDLs
- Statistical procedures for identifying and removing outliers
- Emissions factor quality assessment
- Statistical procedures for identifying valid data combinations

WebFIRE Spreadsheet Template

Template to use for methods not supported by the ERT

Submit template to EPA at: Chief_Info@epa.gov

	L	M	N	O	P	Q	R	S
	APPL_SCCS	POLL_NAME	NEI_POLLUTANT_CODE	CAS_NUMBER	TEST_METHOD	TEST_RUN	PROCESS_RUN	METHOD_
ion Code: de for point d mobile The SCC e emission ed.	Applicable SCCs. If more than one SCC is associated with the emissions data, enter the SCCs here. In order to associate the records in the spreadsheet as duplicates of each other, list all relevant SCCs in this field. The format for this field is comma-delimited. SCCs are to be separated by a comma and one space.	WebFIRE uses the National Emissions Inventory (NEI) pollutant names to describe the pollutant (see "EIS Code Tables (including SCCs)" at https://www.epa.gov/air-emissions-inventories/emission-inventory-system-eis-gateway).	WebFIRE uses the NEI pollutant codes to describe the pollutant (see "EIS Code Tables (including SCCs)" at https://www.epa.gov/air-emissions-inventories/emission-inventory-system-eis-gateway). If no NEI pollutant code is available for the pollutant, indicate this by including "NONE" in the field, and indicate the pollutant identity in the POLL_NAME and/or CAS_NUMBER fields so that WebFIRE developers are aware that a pollutant code is needed.	Pollutant CAS number (no dashes). This will often be the same as the NEI pollutant code, but there may be exceptions.	Test method that was followed by tester. If the method use was EPA method 25, please use the following format: "EPA 25" Most if not all test data will be EPA method X, where "X" is numeric or alphanumeric.	Test run identification (e.g., 1).	Process run identification (e.g., 1).	Notes reg application method (e.g circumst difficul
d	Optional	Required	Required	Required (if applicable)	Required	Required	Required	Optio

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File Home Insert Page Layout Formulas Data Review View Help Acrobat Search Share Comments

H13

	A	B	G	H	N
1	Name of Facility where the test was performed				
2	Name of Company performing stationary source test				
3	SCC of tested unit or units				
4	Name of assessor and name of employer.				
5	Name of regulatory assessor and regulatory agency name.				
6					
7			**Test Report Quality Indicator Value Rating**	0	
8					
10	**Supporting Documentation Provided**	**Response**	**Regulatory Agency Review**	**Response**	**Justification**
11			**General**		
12	As described in ASTM D7036-12 Standard Practice for Competence of Air Emission Testing Bodies, does the testing firm meet the criteria as an AETB or is the person in charge of the field team a QI for the type of testing conducted? A certificate from an independent organization (e.g., Stack Testing Accreditation Council (STAC), California Air Resources Board (CARB), National Environmental Laboratory Accreditation Program (NELAP)) or self declaration provides documentation of competence as an AETB.		As described in ASTM D7036-12 Standard Practice for Competence of Air Emission Testing Bodies, does the testing firm meet the criteria as an AETB or is the person in charge of the field team a QI for the type of testing conducted? A certificate from an independent organization (e.g., STAC, CARB, NELAP) or self declaration provides documentation of competence as an AETB.		
13			Was a representative of the regulatory agency on site during the test?		
14	Is a description and drawing of test location provided?		Is a description and drawing of test location provided?		

Has a description of deviations from

Is there documentation that the source or the test company sought and obtained approval for deviations from the

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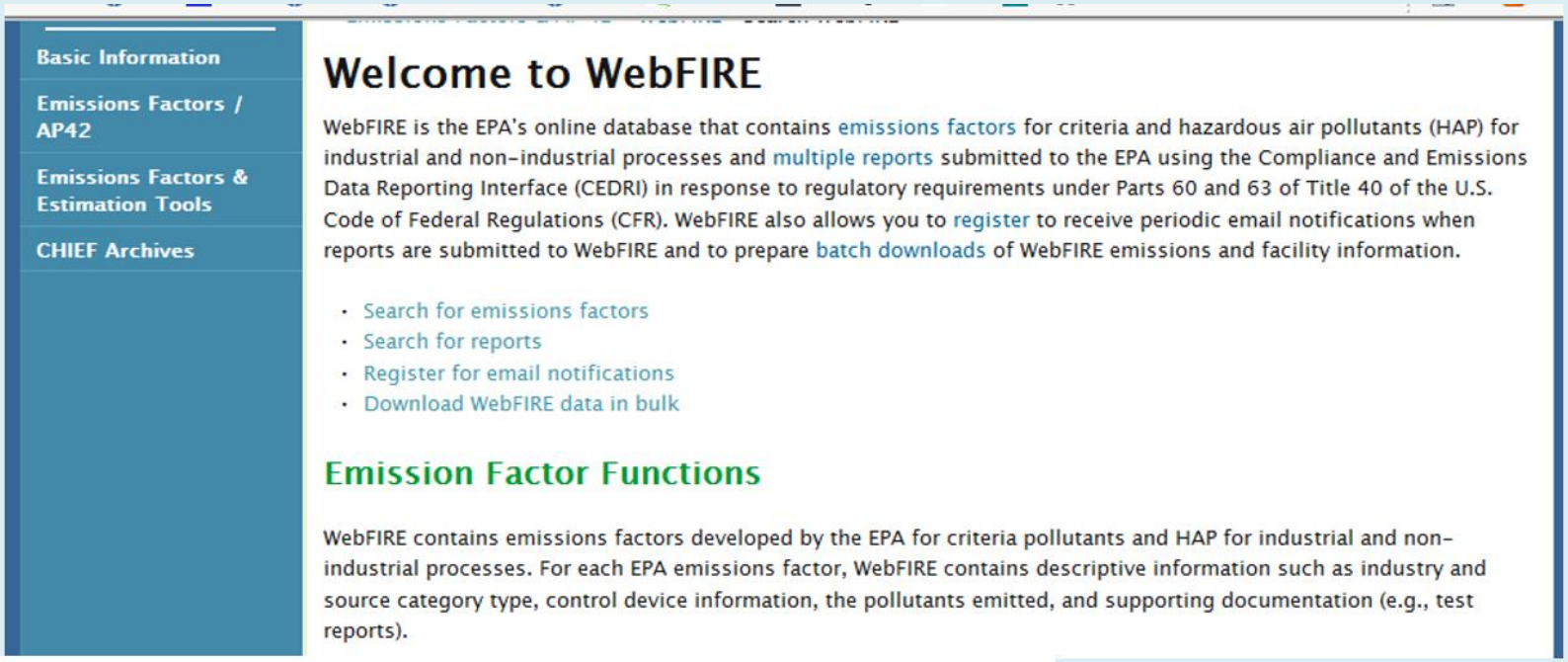
File Home Insert Page Layout Formulas Data Review View Help Acrobat Search Share Comments
H13

	A	B	G	H	N
1	Name of Facility where the test was performed				
2	Name of Company performing stationary source test				
3	SCC of tested unit or units				
4	Name of assessor and name of employer.				
5	Name of regulatory assessor and regulatory agency name.				
6					
7			**Test Report Quality Indicator Value Rating**	0	
8					
10	**Supporting Documentation Provided**	Response	**Regulatory Agency Review**	Response	**Justification**
26			**Manual Test Methods**		
27	**Have the following been included in the report:**				
28	Dry gas meter (DGM) calibrations, pitot tube and nozzle inspections?		Was the DGM pre-test calibration within the criteria specified by the test method?		
29			Was the DGM post-test calibration within the criteria specified by the test method?		
30			Were thermocouple calibrations within method criteria?		
31			Was the pitot tube inspection acceptable?		
32			Were nozzle inspections acceptable?		
33			Were flow meter calibrations acceptable?		

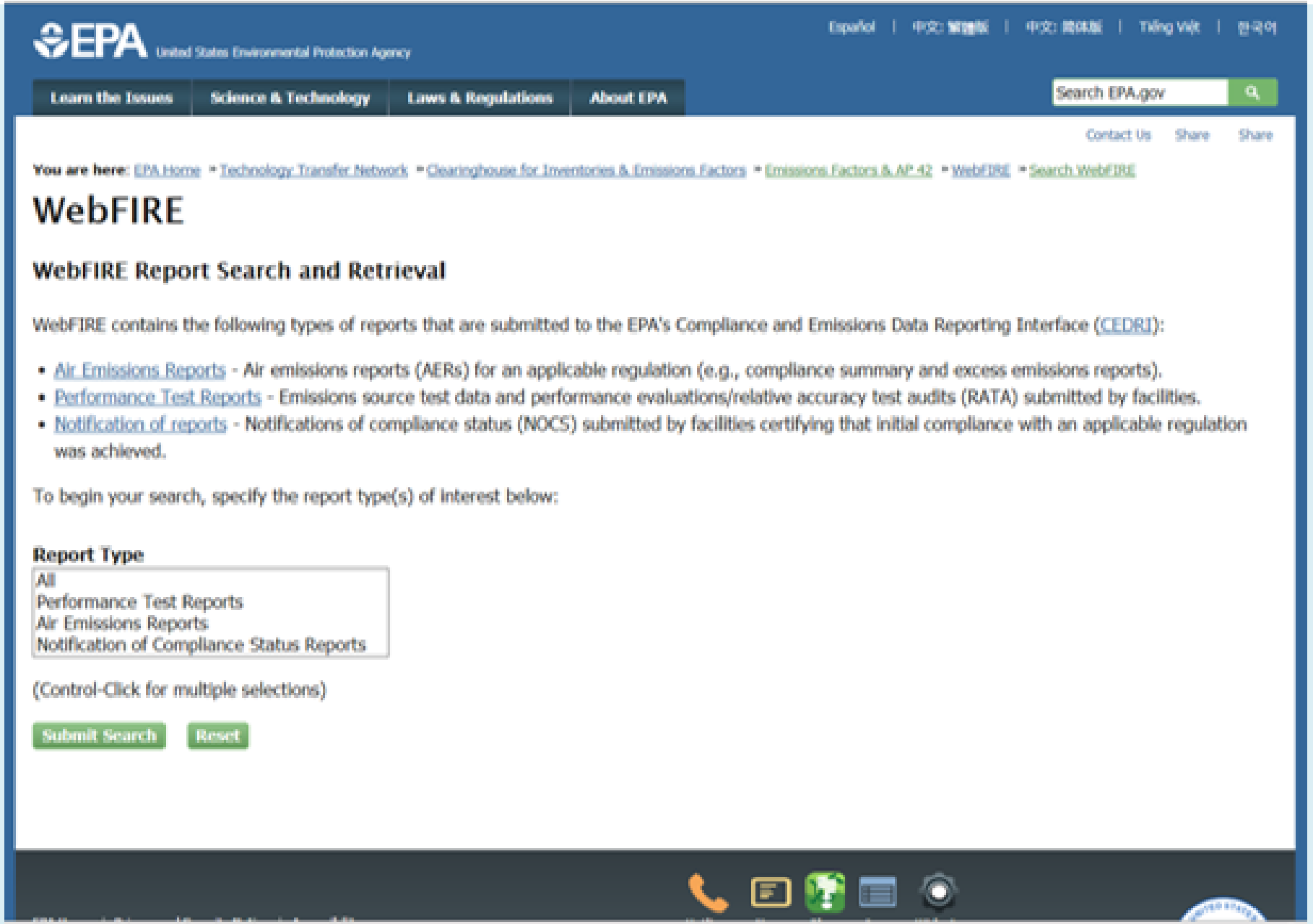
Searching Reports

WebFIRE



- Search for emissions factors
- Search for reports
- Register for email notifications
- Download WebFIRE data in bulk

What do you want to do?


EPA United States Environmental Protection Agency
Español | 中文: 繁體版 | 中文: 简体版 | Tiếng Việt | 한국어
Learn the Issues
Science & Technology
Laws & Regulations
About EPA
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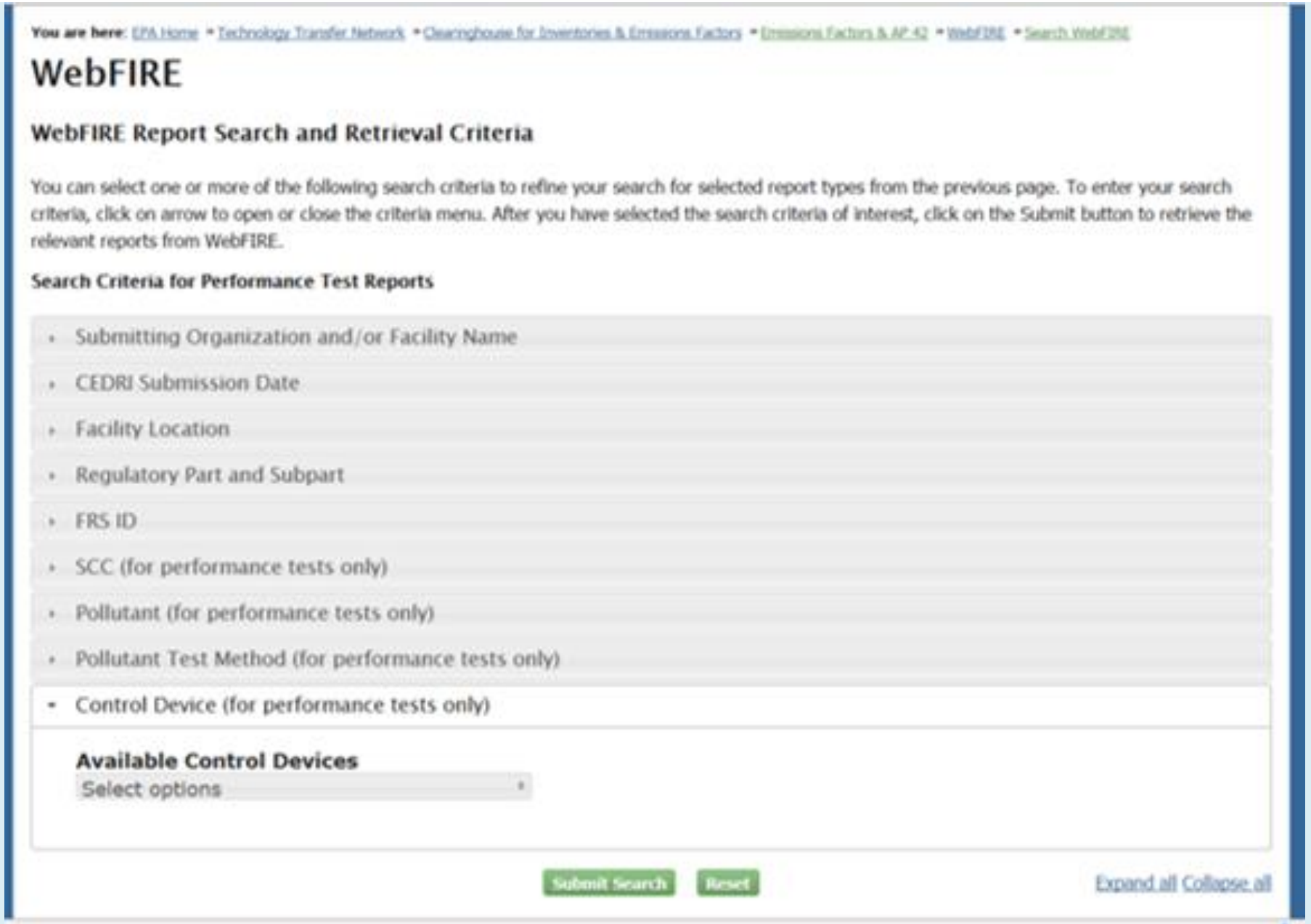
Contact Us
Share
Share
You are here: EPA Home » Technology Transfer Network » Clearinghouse for Inventories & Emissions Factors » Emissions Factors & AP 42 » WebFIRE » Search WebFIRE
WebFIRE
WebFIRE Report Search and Retrieval
WebFIRE contains the following types of reports that are submitted to the EPA's Compliance and Emissions Data Reporting Interface (CEDRI):
Air Emissions Reports - Air emissions reports (AERs) for an applicable regulation (e.g., compliance summary and excess emissions reports).
Performance Test Reports - Emissions source test data and performance evaluations/relative accuracy test audits (RATA) submitted by facilities.
Notification of reports - Notifications of compliance status (NOCS) submitted by facilities certifying that initial compliance with an applicable regulation was achieved.
To begin your search, specify the report type(s) of interest below:
Report Type
All
Performance Test Reports
Air Emissions Reports
Notification of Compliance Status Reports
(Control-Click for multiple selections)
Submit Search
Reset


You are here: EPA Home • Technology Transfer Network • Clearinghouse for Inventories & Emissions Factors • Emissions Factors & AP 42 • WebFIRE • Search WebFIRE
WebFIRE
WebFIRE Report Search and Retrieval Criteria
You can select one or more of the following search criteria to refine your search for selected report types from the previous page. To enter your search criteria, click on arrow to open or close the criteria menu. After you have selected the search criteria of interest, click on the Submit button to retrieve the relevant reports from WebFIRE.
Search Criteria for Performance Test Reports
Submitting Organization and/or Facility Name
CEDRI Submission Date
Facility Location
Regulatory Part and Subpart
FRS ID
SCC (for performance tests only)
Pollutant (for performance tests only)
Pollutant Test Method (for performance tests only)
Control Device (for performance tests only)
Available Control Devices
Select options
Submit Search
Reset
Expand all Collapse all

WebFIRE Report Search Results and Viewing Instructions

The Report Search Results table below shows the **631** reports (631 STs) in WebFIRE that match your search criteria. **These reports and any related attachments may or may not have been reviewed by the state, local, or tribal air pollution agency or delegated authority.**

The Report Search Results table below shows the reports and any related attachments (indicated by the icon in the search results table). Click REVISE CURRENT SEARCH to return to your search criteria. Click NEW SEARCH to start a new search.

- Viewing Instructions
- Downloading Reports

Report Search Results

Show 50 entries

Search Page:

Organization	Facility	City	State	County	Submission Date	Report Type	Report Sub Type	Pollutants	Control Devices	Document	Related Attachment (s)	Include Report in Bulk Download	Include Data in CSV File ☐Select All
A B Brown Generating Station	A B Brown Generating Station	Mount Vernon	IN	Posey	2016-10-27 16:57:38.151	ST	MATS_PT				No Attachments	☐	N/A
A B Brown Generating Station	A B Brown Generating Station	Mount Vernon	IN	Posey	2016-10-28 12:24:36.07	ST	MATS_PT				No Attachments	☐	N/A
A B Brown Generating Station	A B Brown Generating Station	Mount Vernon	IN	Posey	2016-10-31 12:19:30.67	ST	MATS_RCA				No Attachments	☐	N/A
AES Hawaii	AES Hawaii	Kapolei	HI	Honolulu	2016-10-27 22:56:33.125	ST	MATS_RATA				No Attachments	☐	N/A
AES Hawaii	AES Hawaii	Kapolei	HI	Honolulu	2016-10-27 22:56:22.385	ST	MATS_PT				No Attachments	☐	N/A
AES Hawaii	AES Hawaii	Kapolei	HI	Honolulu	2016-10-27 22:56:45.44	ST	MATS_LEEQ				No Attachments	☐	N/A
ALCOSAN	ALCOSAN WASTEWATER TREATMENT PLT	PITTSBURGH	PA	ALLEGHENY COUNTY	2016-10-28 12:12:33.186	ST	ERT				No Attachments	☐	☐
ALCOSAN	ALCOSAN WASTEWATER TREATMENT PLT	PITTSBURGH	PA	ALLEGHENY COUNTY	2016-10-28 12:12:36.271	ST	ERT				No Attachments	☐	☐

Energy Complex	Baldwin Energy Complex	Baldwin	IL	Randolph	2016-10-11 13:56:49.196	ST	MATS_RATA				No Attachments	N/A
Baldwin Energy Complex	Baldwin Energy Complex	Baldwin	IL	Randolph	2016-10-11 13:56:25.302	ST	MATS_PT				No Attachments	N/A
Baldwin Energy Complex	Baldwin Energy Complex	Baldwin	IL	Randolph	2016-10-12 10:56:07.654	ST	MATS_RATA				No Attachments	N/A
BARRICK CORTEZ, INC	CORTEZ GOLD MINES	CRESCENT VALLEY	NV	Lander	2016-11-09 15:22:03.491	ST	ERT				No Attachments	
BARRICK CORTEZ, INC	CORTEZ GOLD MINES	CRESCENT VALLEY	NV	Lander	2016-11-09 15:21:52.785	ST	ERT				No Attachments	
BARRICK CORTEZ, INC	CORTEZ GOLD MINES	CRESCENT VALLEY	NV	Lander	2016-11-09 15:21:56.46	ST	ERT				No Attachments	
BARRICK CORTEZ, INC	CORTEZ GOLD MINES	CRESCENT VALLEY	NV	Lander	2016-11-09 15:21:59.812	ST	ERT				No Attachments	
Belle River	Belle River	East China	MI	St. Clair	2016-10-05 07:56:13.671	ST	MATS_PT				No Attachments	N/A
Belle River	Belle River	East China	MI	St. Clair	2016-10-20 07:56:33.585	ST	MATS_PT				No Attachments	N/A
Benson Power, LLC	BENSON POWER BIOMASS PLANT	BENSON	MN	SWIFT COUNTY	2016-10-10 15:34:52.787	ST	ERT				No Attachments	
Benson Power, LLC	BENSON POWER BIOMASS PLANT	BENSON	MN	SWIFT COUNTY	2016-10-10 15:32:28.744	ST	ERT				No Attachments	
Big Cajun 2	Big Cajun 2	New Roads	LA	Pointe Coupee	2016-10-06 10:56:06.018	ST	MATS_LEEQ				No Attachments	N/A
All	All	All	All	All	All	All	All	All				

Showing 1 to 50 of 500 entries

Previous 1 2 3 4 5 ... 10 Next

Bulk Download Selected Reports and/or CSV File

Next 500 Records

You can refine the reports displayed in the search results table using one or more of the drop-down menus located at the bottom of the table. For example, to display reports for particular facility, click on the down arrow in the drop-down menu below the "Facility" column and click on the facility name of interest. To reset a particular data filter, click "ALL" at the top of the drop-down list.

WebFIRE Useful Links

- WebFIRE Database: https://cfpub.epa.gov/webfire/
- Emissions Factors Procedures Document: https://www.epa.gov/air-emissions-factors-and-quantification/procedures-development-emissions-factors-stationary-sources
- AP-42: https://www.epa.gov/air-emissions-factors-and-quantification/ap-42-compilation-air-emissions-factors
- WebFIRE Template https://www.epa.gov/node/156457/revision/703361#WebFIRE
- ERT:https://www.epa.gov/electronic-reporting-air-emissions/electronic-reporting-tool-ert
- AP-42 References: https://gaftp.epa.gov/ap42/
- Notifications sent out via CHIEF listserv:
- https://www.epa.gov/chief/chief-listserv