

# RACT/BACT/LAER CLEARINGHOUSE (RBLC) SEARCH DASHBOARD USER GUIDE



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## 1.0 Introduction

The main purpose of the RBLC Search Dashboard is to make RBLC data submitted by State/Local/Tribal agencies available to the public, industry, State/Local/Tribal users, and EPA. The RBLC Search Dashboard includes control technology determination data entered via the [RBLC data entry system](#) (before September 25, 2025) and the new RBLC data entry module (from October 1, 2025, onward). The new RBLC data entry module can be accessed from the Electronic Permit System (EPS) application, which is housed in the EPA [Central Data Exchange \(CDX\)](#). More details on how to access and use the new RBLC data entry module can be found within Section 5 of the [EPS User Guide](#).

The RBLC data entry system, with records going back to the 1970s, will soon be decommissioned. At that time, any submissions that have occurred since September 25, 2025, will be migrated into the RBLC Search Dashboard.

There are two different types of searches available to users, which are designed to help users locate relevant control technology determination data, but at two different levels. The default search is the “Permit Keyword Search.” Users must click the “Emission Limit Search” button at the top of the page to switch to that search option.

## 2.0 Permit Keyword Search

### 2.1 Conducting Permit Keyword Searches

The Permit Keyword Search allows users to perform a search by entering a keyword describing the facility, process, control technology, etc. (Figure 1.)

A screenshot of the RBLC Search Dashboard. The dashboard has a dark background with a landscape image. At the top, it says "RBLC Search Dashboard". Below that, there are two tabs: "Permit Keyword Search" (which is active) and "Emission Limit Search". Under the active tab, there is a text box for "Keywords" and a "Search" button. Below the keywords field are two dropdown menus: "Pollutant" (with "-- Select Pollutant --") and "Facility State" (with "-- Select State --"). At the bottom, there is a "Permit Issued Between:" section with two date pickers: "Start Date" (02/05/2016) and "End Date" (02/05/2026).

**RBLC Search Dashboard**

**Permit Keyword Search**      **Emission Limit Search**

Perform a search by entering a keyword describing the facility, process, or control technology. Results with exact matches to the keyword are returned and display at the facility/permit level. Results can be further refined by entering a pollutant and/or facility state.

**Keywords**

**Pollutant**  
-- Select Pollutant --

**Facility State**  
-- Select State --

**Permit Issued Between:**

Start Date	End Date
02/05/2016	02/05/2026

**Search**

Figure 1

At least one keyword must be entered into the “Keywords” field to complete a search. Keyword Search criteria can be further filtered by selecting an option from the “Facility State” and/or the “Pollutant” dropdown. Once required search criteria have been populated, users will select the “Search” button to return results (Figure 2.) Only exact keyword matches (case insensitive) are returned and displayed.

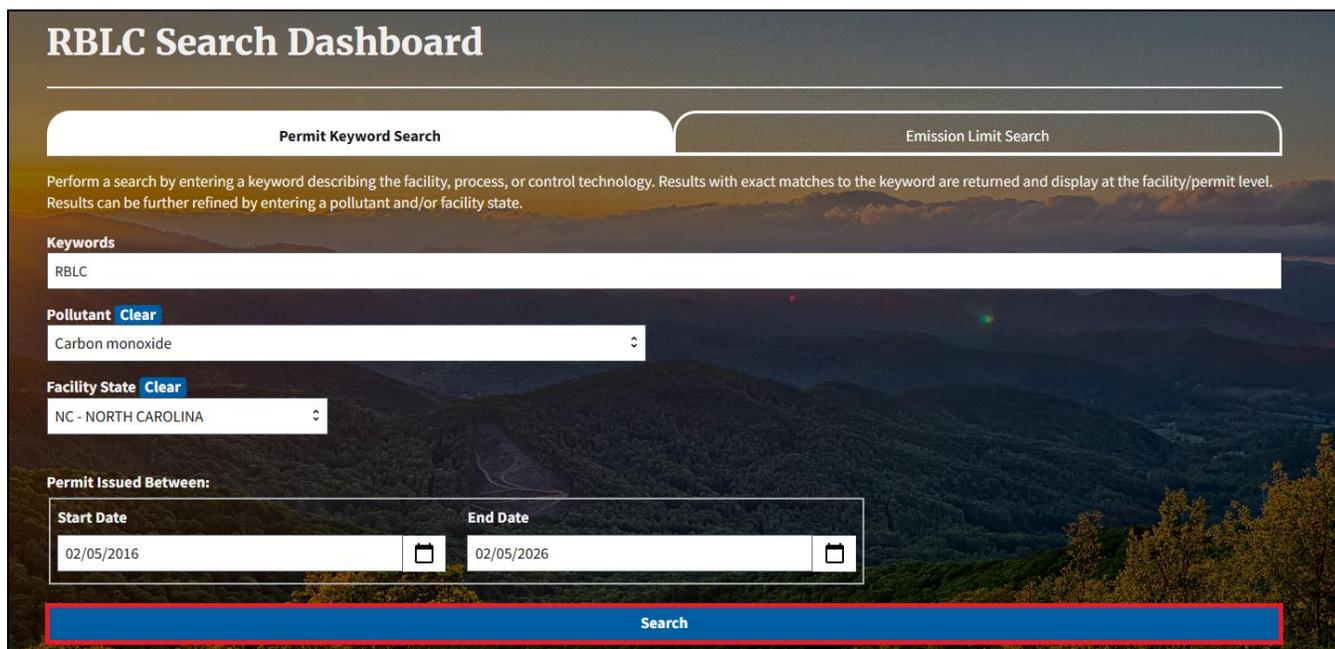


Figure 2

The "Permit Issued Between" date range will default to show permits from the past 10 years starting from today (Figure 3.) Users can adjust this date range as needed.

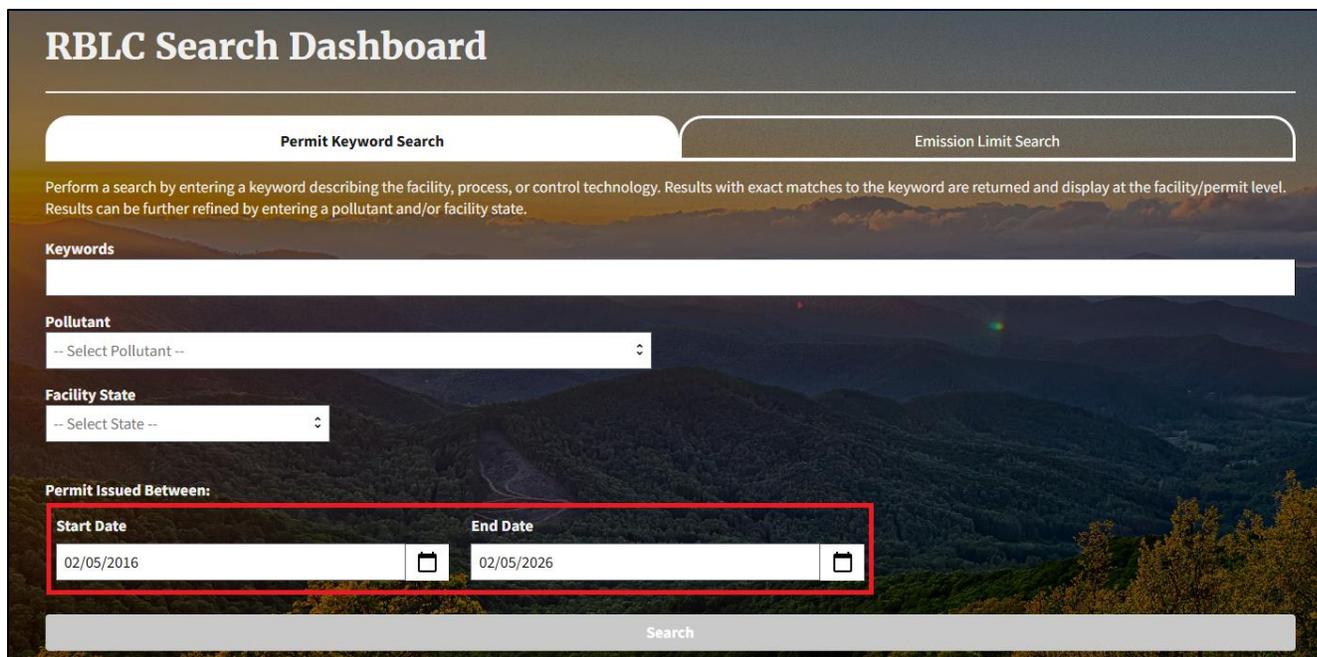


Figure 3



## 2.2 Search Results

Unlike the [Emission Limit Search](#), the results for the Keyword search are displayed at the facility/permit level. The items in each column present a summary of the processes, pollutants, and control methods in place at the facility, per the permit. Values in one column may not correspond to values in the same row of the adjacent column (i.e., in the example below “3-Nitro-.alpha.,.alpha.,.alpha.-trifluorotoluene” pollutant may not be associated to the “Cleaning and Degreasing” process.) The table allows users to sort each available column (1) and search for keywords within the search results table (2) (Figure 4.)

2. Filter Q

Facility Name ↑↓	Process Names ↑↓ 1.	Pollutants ↑	Control Methods ↑↓	Permitting Authority ↑↓	Final Permit Issuance Date ↑↓	Last Updated ↑↓	View Details
JG RBLC Facility 1.0	<ul style="list-style-type: none"> <li>Cleaning and Degreasing</li> </ul>	<ul style="list-style-type: none"> <li>3-Nitro-.alpha.,.alpha.,.alpha.-trifluorotoluene</li> <li>Lead</li> </ul>	<ul style="list-style-type: none"> <li>Enhanced Combustion - Residence Time,Fuel Selection - E85</li> <li>Filtration - Baghouse,Filtration - Annular Ring Filter,Filtration - Adsorption - Activated Carbon or other</li> </ul>	NORTH CAROLINA DAQ	10/29/2025	10/29/2025	👁
JG RBLC Facility 1.0	<ul style="list-style-type: none"> <li>Concrete Mixing</li> </ul>	<ul style="list-style-type: none"> <li>APC</li> <li>Total reduced sulfur (including H2S)</li> </ul>	<ul style="list-style-type: none"> <li>Filtration - Condenser,Filtration - Baghouse</li> <li>Filtration - Baghouse,Filtration - Biofilter,Filtration - Condenser</li> </ul>	NORTH CAROLINA DAQ	10/29/2025	10/29/2025	👁

Figure 4

As mentioned previously, returned results can be further refined by selecting an option from the “Facility State” and/or “Pollutant” dropdown, and then selecting the “Search” button again.



## 3.0 Emission Limit Search

### 3.1 Conducting Emission Limit Searches

The emission limit search allows users to perform a search by selecting, or entering, a value in one of the required search criteria available (Figure 5.)

Figure 5

The “Process Name” dropdown in the emission limit search is specific to data submitted via the [RBLC data entry system](#). If this field is populated, the search will only return results for records submitted before September 25, 2025. If this field is populated, submissions entered via the new RBLC data entry module in the EPS CDX application will not be returned in the search results table. Additionally, the “Process Name” dropdown includes categories and subcategories. Searching on a higher-level category will return all results for the associated subcategories (Figure 6.) (Example: Searching on the Process Name “11.000 - Utility- and Large Industrial-Size Boilers/Furnaces (>250 million BTU/H)” will return all results containing process codes 11.000-11.008.)

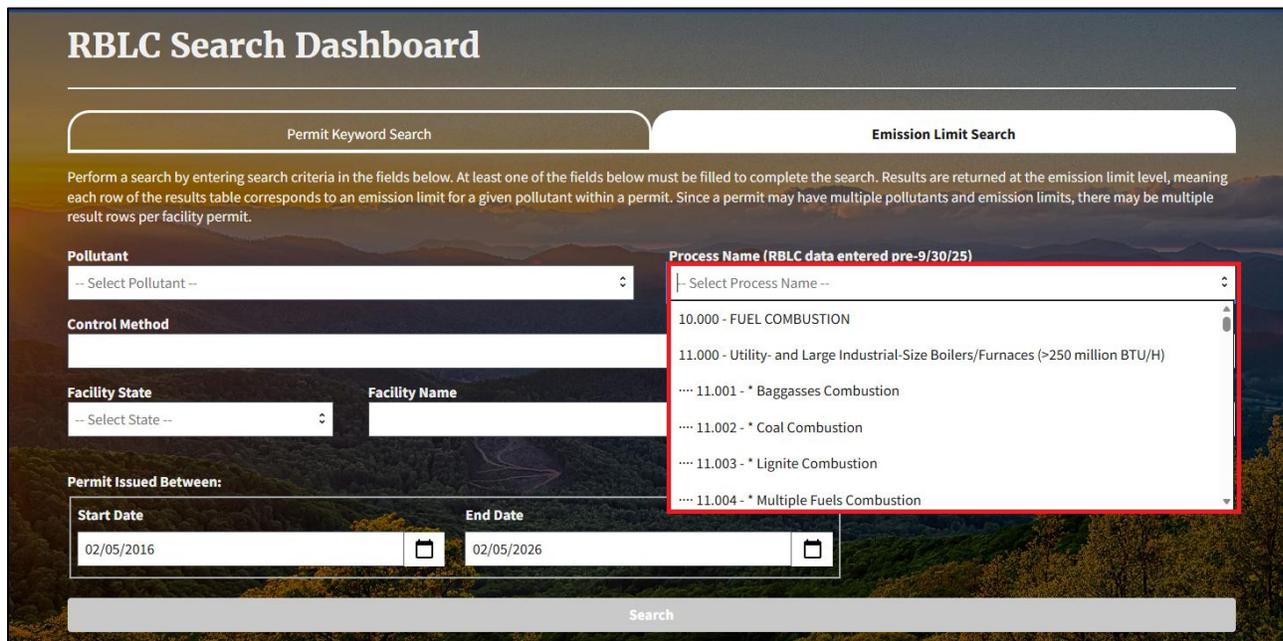


Figure 6

The "Permit Issued Between" date range will default to show permits from the past 10 years. Users can adjust this date range as needed to meet their search requirements (Figure 7.)

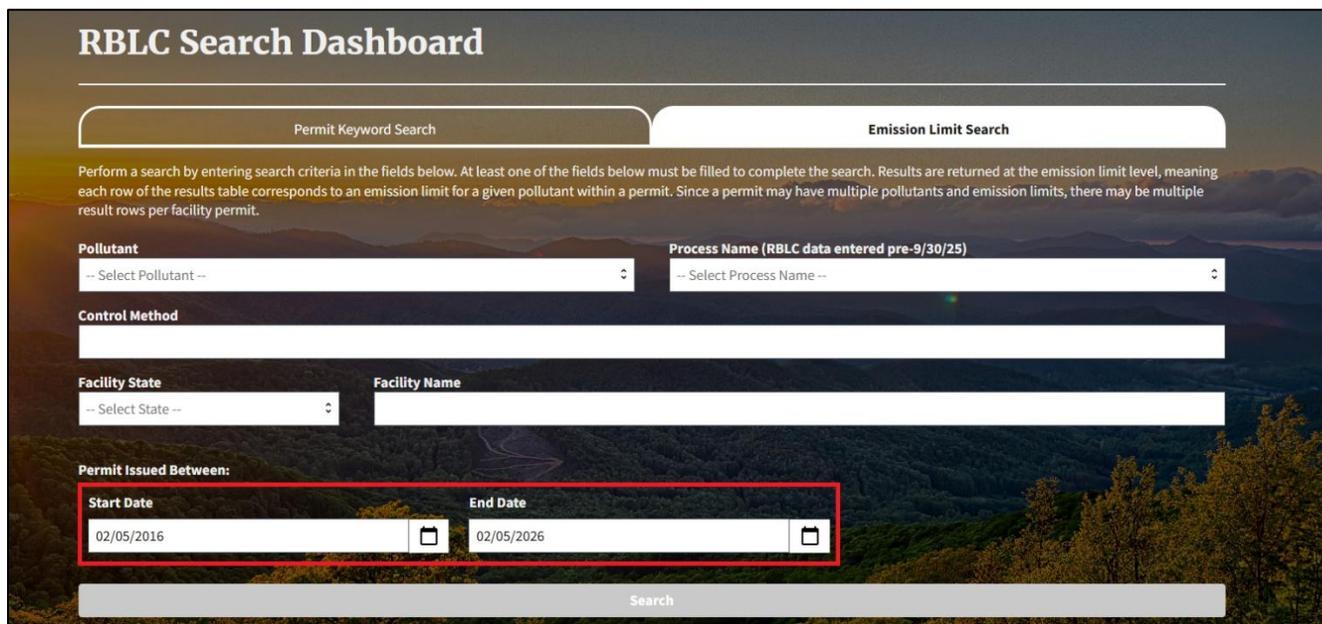


Figure 7



At least one of the required search parameters must be populated to execute a search. Users can enter in free text for the “Control Method” and “Facility Name” fields to return any results that contain the free text entered. Once search criteria have been populated, users will select the “Search” button to return results (Figure 8.)

Figure 8

### 3.2 Search Results

Results are returned to the search results table at the emission limit level, meaning each row in the search results table corresponds to an emission limit for a specific pollutant within a permit. Since a permit may cover multiple pollutants and emission limits, there may be several records (rows) per facility permit. The table allows users to sort each available column (1), search for keywords within the search results table (2), and export data to an Excel file (3) (Figure 9.)



3. [Export Excel](#)

2. Filter Q

Process Name ↓	Pollutant ↓	Control Method ↓	Emission Limit ↓	Averaging Time ↓	Facility Name ↓	1. Permitting Authority ↓	Final Permit Issuance Date ↓	Last Updated ↓	View Details
Cleaning and Degreasing	Carbon monoxide	<ul style="list-style-type: none"> <li>Filtration - Condenser</li> <li>Filtration - Annular Ring Filter</li> </ul>	55.00 % opacity	8 Hr	CGI Test 1.30	NORTH CAROLINA DAQ	2/3/2026	2/3/2026	👁
Universal	Carbon monoxide	<ul style="list-style-type: none"> <li>Filtration - Annular Ring Filter</li> <li>Filtration - Baghouse</li> <li>Filtration - Biofilter</li> </ul>	55.00 % mass	8 Hr	Doofenshmidt evil incorporated	NORTH CAROLINA DAQ	11/20/2025	11/20/2025	👁

Figure 9

(Note: The search results table will display up to 5,000 results, but more results may be returned based on the criteria entered. All search results will be included in the Excel file export (e.g., if a search yields 7,000 records, the search results table will show 5,000, but the Excel export will include all 7,000.)

After completing a search using the “Permit Keyword Search” tab (Figure 10), then navigating to the “Emission Limit Search” tab (Figure 11), users will still need to satisfy the requirements on the “Emission Limit Search” tab before being able to complete a search. The same is true if completing a search on the “Emission Limit Search” tab first then navigating to the “Permit Keyword Search” tab.



### RBLC Search Dashboard

Permit Keyword Search

Emission Limit Search

Perform a search by entering a keyword describing the facility, process, or control technology. Results with exact matches to the keyword are returned and display at the facility/permit level. Results can be further refined by entering a pollutant and/or facility state.

**Keywords**

**Pollutant**

**Facility State**

**Permit Issued Between:**

<b>Start Date</b>	<b>End Date</b>
<input style="width: 95%;" type="text" value="02/11/2016"/>	<input style="width: 95%;" type="text" value="02/11/2026"/>

Search

---

Filter

Facility Name	Process Names	Pollutants	Control Methods	Permitting Authority	Final Permit Issuance Date	Last Updated	View Details
JG RBLC Facility 1.0	Cement Production	Municipal solid waste landfills emissions (measured as nonmethane organic compounds)	Filtration - Condenser;Filtration - Baghouse;Filtration - Adsorption - Activated Carbon or other	NORTH CAROLINA DAQ	11/01/2025	11/02/2025	<a href="#">View Details</a>

Figure 10

### RBLC Search Dashboard

Permit Keyword Search

Emission Limit Search

Perform a search by entering search criteria in the fields below. At least one of the fields below must be filled to complete the search. Results are returned at the emission limit level, meaning each row of the results table corresponds to an emission limit for a given pollutant within a permit. Since a permit may have multiple pollutants and emission limits, there may be multiple result rows per facility permit.

**Pollutant**

**Process Name (RBLC data entered pre-9/30/25)**

**Control Method**

**Facility State**

**Facility Name**

**Permit Issued Between:**

<b>Start Date</b>	<b>End Date</b>
<input style="width: 95%;" type="text" value="02/11/2016"/>	<input style="width: 95%;" type="text" value="02/11/2026"/>

Search

Figure 11

Furthermore, when navigating away from the "Permit Keyword Search" tab after returning search results and then navigating back to the "Permit Keyword Search" tab, the initial



search results will be retained (Figure 12.) The same is true with the “Emission Limit Search” tab.

**RBLC Search Dashboard**

**Permit Keyword Search** | **Emission Limit Search**

Perform a search by entering a keyword describing the facility, process, or control technology. Results with exact matches to the keyword are returned and display at the facility/permit level. Results can be further refined by entering a pollutant and/or facility state.

**Keywords**

**Pollutant**

**Facility State**

**Permit Issued Between:**

**Start Date**

**End Date**

**Search**

---

Filter

Facility Name ↓	Process Names ↓	Pollutants ↓	Control Methods ↓	Permitting Authority ↓	Final Permit Issuance Date ↓	Last Updated ↓	View Details
JG RBLC Facility 1.0	• Cement Production	• Municipal solid waste landfills emissions (measured as nonmethane organic compounds)	• Filtration - Condenser, Filtration - Baghouse, Filtration - Adsorption - Activated Carbon or other	NORTH CAROLINA DAQ	11/01/2025	11/02/2025	

Figure 12

(Note: Any search criteria entered on the “Permit Keyword Search” tab will have no impact on the search results returned on the “Emission Limit Search” tab and vice versa.)

If users frequently enter a specific set of search criteria on either the "Permit Keyword Search" or the "Emission Limit Search" tab, users can copy or bookmark the URL once the search results are returned. This allows them to reuse the link and retrieve results for the same search criteria without needing to reenter the criteria each time (e.g., <https://cdxapps.epa.gov/oar-blc/?keywords=Cooling%20Towers%20&pollutantId=173203&state=LA&startDate=02%2F12%2F2016&endDate=02%2F12%2F2026&tabIndex=0>).



## 4.0 RBLC Details Page

Clicking on the eye icon in the “View Details” column (Figure 13) of the search results table will take you to the top of the “RBLC Details” page (separate tab) for that specific record (Figure 14.) The eye icon functions the same way whether results were returned in the “Emission Limit Search” or the “Keyword Search.”

Facility Name	Process Names	Pollutants	Control Methods	Permitting Authority	Final Permit Issuance Date	Last Updated	View Details
JG RBLC Facility 1.0	<ul style="list-style-type: none"> <li>Cleaning and Degreasing</li> </ul>	<ul style="list-style-type: none"> <li>3-Nitro-.alpha.,.alpha.,.alpha.-trifluorotoluene</li> <li>Lead</li> </ul>	<ul style="list-style-type: none"> <li>Enhanced Combustion - Residence Time,Fuel Selection - E85</li> <li>Filtration - Baghouse,Filtration - Annular Ring Filter,Filtration - Adsorption - Activated Carbon or other</li> </ul>	NORTH CAROLINA DAQ	10/29/2025	10/29/2025	
JG RBLC Facility 1.0	<ul style="list-style-type: none"> <li>Concrete Mixing</li> </ul>	<ul style="list-style-type: none"> <li>APC</li> <li>Total reduced sulfur (including H2S)</li> </ul>	<ul style="list-style-type: none"> <li>Filtration - Condenser,Filtration - Baghouse</li> <li>Filtration - Baghouse,Filtration - Biofilter,Filtration - Condenser</li> </ul>	NORTH CAROLINA DAQ	10/29/2025	10/29/2025	

Figure 13

EPA Home > RBLC Search > RBLC Details

<b>Facility Name:</b> JG RBLC Facility 1.0	<b>EPA Registry ID (FRS):</b> 110070881892	<b>State:</b> NC	<b>EPA Region:</b> 4	<b>Permitting Authority:</b> NORTH CAROLINA DAQ
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**Permit Documentation:** <https://permitsearchdev.epacdx.net/oms-permit-hub/permit/58021851-aeb5-f011-bbd2-001dd80fe652#permit-documents>

**Collapse All**

**Processes**

**Cleaning and Degreasing**

**Process Notes:**  
test

**Unit**

**Unit Type:** Furnace - Recuperative Furnace  
**Unit Capacity:** 26 BARRELS PER DAY

**Throughput Material:** 1,4-Dioxane  
**Throughput:** 26 CUBIC FT

**Pollutants**

3-Nitro-.alpha.,.alpha.,.alpha.-trifluorotoluene

Figure 14



The "Emission Limit Search" includes additional functionality that enables users to click on a hyperlink in the "Emission Limit" column (Figure 15.) This action will direct them to the specific process and pollutant associated with the emission limit within the "RBLC Details" page (Figure 16.)

Process Name	Pollutant	Control Method	Emission Limit	Averaging Time	Facility Name	Permitting Authority	Final Permit Issuance Date	Last Updated	View Details
Gas-Fired Boilers	Particulate matter, total < 10 μ (TPM10)	• Energy efficient design (economizer, flue gas recovery, boiler blowdown heat recovery, condensate recovery, steam air preheater); good combustion practices; good burner design capable of proper mixing of air and fuel; automated combustion management system.	<a href="#">0.01 LB/MMBTU</a>	ROLLING 3-HOUR AVERAGE	MARQUIS CARBON CAPTURE LLC	ILLINOIS EPA, BUREAU OF AIR	6/23/2025	7/2/2025	

Figure 15

[PM] Particulate matter, total < 10 μ (TPM10)				
Emission Limits				
Applicable Control Requirement:	Emission Limit #	Magnitude	Unit of Measure	Averaging Time
BACT-PSD	1	0.01	LB/MMBTU	ROLLING 3-HOUR AVERAGE
Control Method				
Control Description:	Cost per Ton of Pollutant	Percentage Efficiency	Compliance Verified	Compliance Verified Additional Information
Energy efficient design (economizer, flue gas recovery, boiler blowdown heat recovery, condensate recovery, steam air preheater); good combustion practices; good burner design capable of proper mixing of air and fuel; automated combustion management system.			NO	
	Incremental Cost Effectiveness (dollars/ton)	Dollar Year Used in Cost Estimate	Cost Verified	Cost Verified Additional Information
			NO	

Figure 16



Users can view the control technology data (1), facility details (2), and permit information (3) for the RBLC record selected (Figure 17.) This example displays a record with just one process and one pollutant; one record may have several pollutants and processes.

EPA Home > RBLC Search > RBLC Details

---

**Facility Name:** JG RBLC Facility 1.0      **EPA Registry ID (FRS):** 110070881892      **State:** NC      **EPA Region:** 4      **Permitting Authority:** NORTH CAROLINA DAQ

**Permit Documentation:** <https://permitsearchdev.epacds.net/oms-permit-hub/permit/58021851-aeb5-fd11-bbd2-001d680fe652#permit-documents>

---

**Collapse All**

**Processes 1.**

**Cleaning and Degreasing**

**Process Notes:**  
test

**Unit**

**Unit Type:** Furnace - Recuperative Furnace      **Throughput Material:** 1,4-Dioxane  
**Unit Capacity:** 26 BARRELS PER DAY      **Throughput:** 26 CUBIC FT

**Pollutants**

**[98-46-4] 3-Nitro- $\alpha,\alpha,\alpha,\alpha$ -trifluorotoluene**

**Emission Limits**

Applicable Control Requirement:	Emission Limit #	Magnitude	Unit of Measure	Averaging Time
BART	1	33	% moisture content	24 Hr

**Control Method**

Control Method	Cost per Ton of Pollutant	Percentage Efficiency	Compliance Verified	Compliance Verified Additional Information
<ul style="list-style-type: none"> <li>Filtration - Baghouse</li> <li>Filtration - Annular Ring Filter</li> <li>Filtration - Adsorption - Activated Carbon or other</li> </ul>	34	38	YES	test

**Control Description:**  
test

Cost Verified	Cost Verified Additional Information
YES	test

**[7439-92-1] Lead**

**Emissions Limit Notes:**  
test

---

**Facility Details 2.**

<b>Facility Name:</b> JG RBLC Facility 1.0	<b>Facility Address:</b> Address Line 1: TEST
<b>SIC Code:</b> 111 - Crop Production	<b>Address Line 2:</b> test
<b>Primary NAICS Code:</b> 340 - Cheyenne River Sioux Tribe of the Cheyenne River Reservation, South Dakota	<b>City:</b> TEST
<b>BIA Code:</b> 110070881892	<b>County:</b> TEST
<b>EPA Registry ID (FRS):</b> 110070881892	<b>State:</b> NC
<b>Facility Description:</b> test 123456	<b>Zip:</b> 05000
	<b>Owner:</b> JG
	<b>Operator:</b> JG
	<b>Operator Phone:</b> (336) 423-4784
	<b>Operator Email:</b> james.goldsmith@cgifederal.com

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**Permit Information 3.**

<b>Permit Type:</b> Major NSR Permit	<b>Permitting Authority Point of Contact:</b>
<b>Permit Title:</b> JG Testing SRS 2	<b>POC Name:</b> James Goldsmith
<b>Permit Number:</b> 123a	<b>Email:</b> james.goldsmith@cgifederal.com
<b>RBLC Submission Date:</b> 10/30/2025	<b>Phone Number:</b> (336) 423-4784
<b>Application Receipt Date:</b> 09/11/2025	<b>Notes:</b> test
<b>Application Completeness Date:</b> 09/12/2025	
<b>Final Permitting Authority Action Date:</b> 10/29/2025	

Figure 17



Users will be able to select “Expand All” or “Collapse All” to expand or collapse the control technology data listed on the “RBLC Details” page. Expand and Collapse buttons allow users to Expand or Collapse pollutants and processes individually using the “+/-” icons next to the field header (Figure 18.)

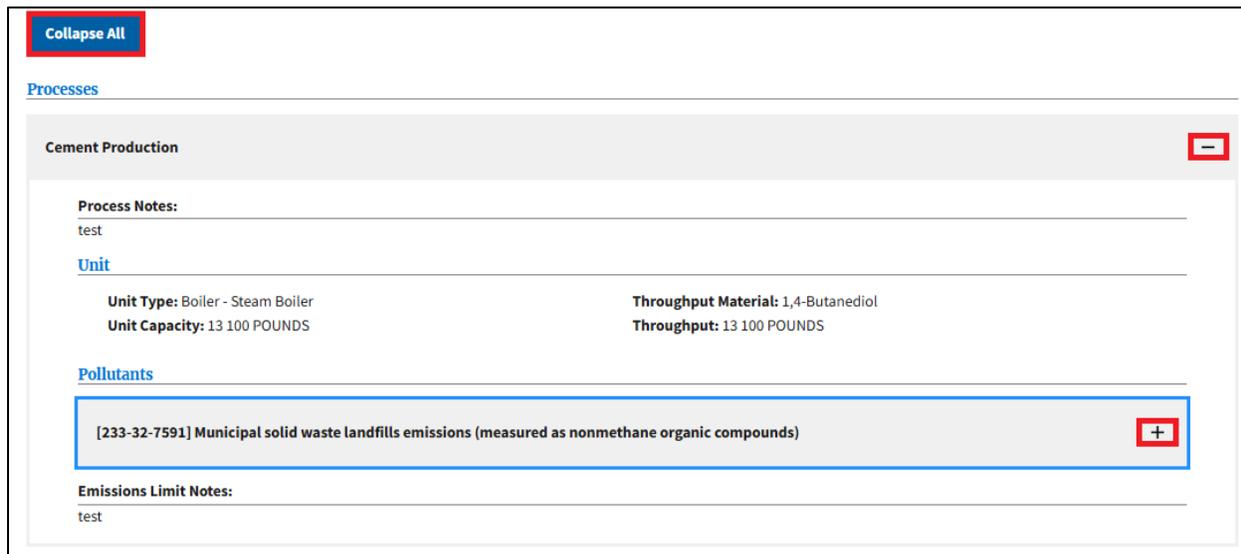


Figure 18

Users can view all documentation for the permit action associated with the RBLC data record by selecting the link next to the “Permit Documentation” field at the top of the page (Figure 19.) This link will redirect users to the “Permitting Authority Documents” table in the “Permit Hub” for the associated permit record, where associated files can be downloaded.

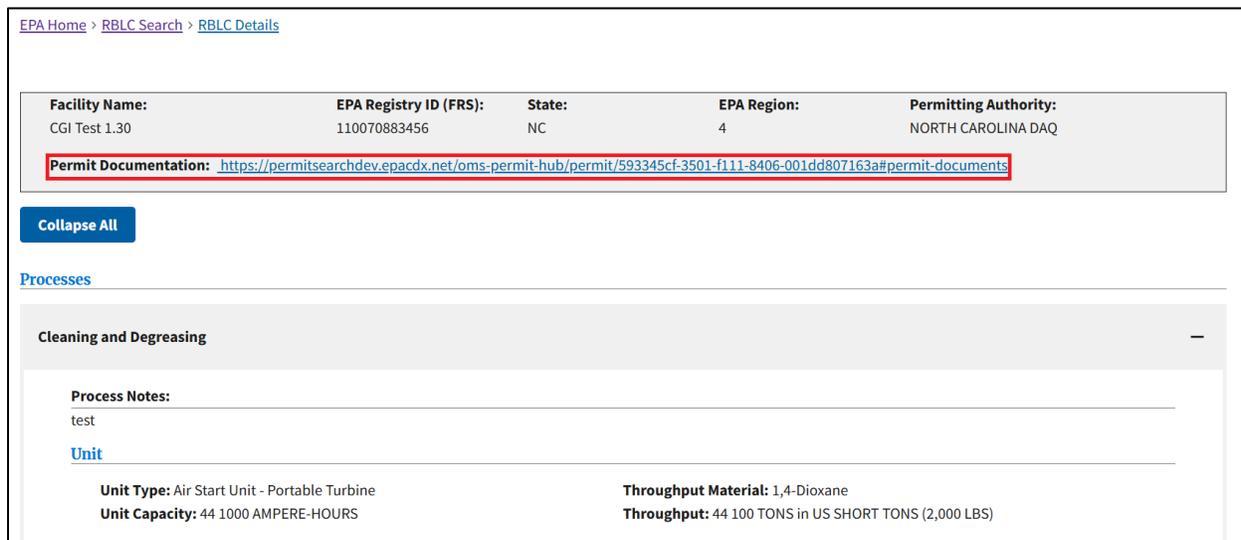


Figure 19



If at any point while users are on the “RBLC Details” page they want to return to the RBLC Search Dashboard, users can select the “RBLC Search” breadcrumb at the top of the page. Alternatively, since the “RBLC Details” page opens in a separate tab, users can easily return to the original tab on their browser to view their initial search results. Additionally, users can select the “EPA Home” breadcrumb to be redirected to the EPA home page (Figure 20.)

The screenshot shows the RBLC Details page with the following elements:

- Breadcrumbs:** EPA Home > RBLC Search > RBLC Details
- Facility Information Table:**

Facility Name:	EPA Registry ID (FRS):	State:	EPA Region:	Permitting Authority:
CGI Test 1.30	110070883456	NC	4	NORTH CAROLINA DAQ
- Permit Documentation:** <https://permitsearchdev.epacdx.net/oms-permit-hub/permit/593345cf-3501-f111-8406-001dd807163a#permit-documents>
- Buttons:** Collapse All
- Section Header:** Processes
- Process Details:**
  - Cleaning and Degreasing**
  - Process Notes:** test
  - Unit:**

<b>Unit Type:</b> Air Start Unit - Portable Turbine	<b>Throughput Material:</b> 1,4-Dioxane
<b>Unit Capacity:</b> 44 1000 AMPERE-HOURS	<b>Throughput:</b> 44 100 TONS in US SHORT TONS (2,000 LBS)

Figure 20