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

Last Updated: 02/12/26

Table of Contents

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 the 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.)

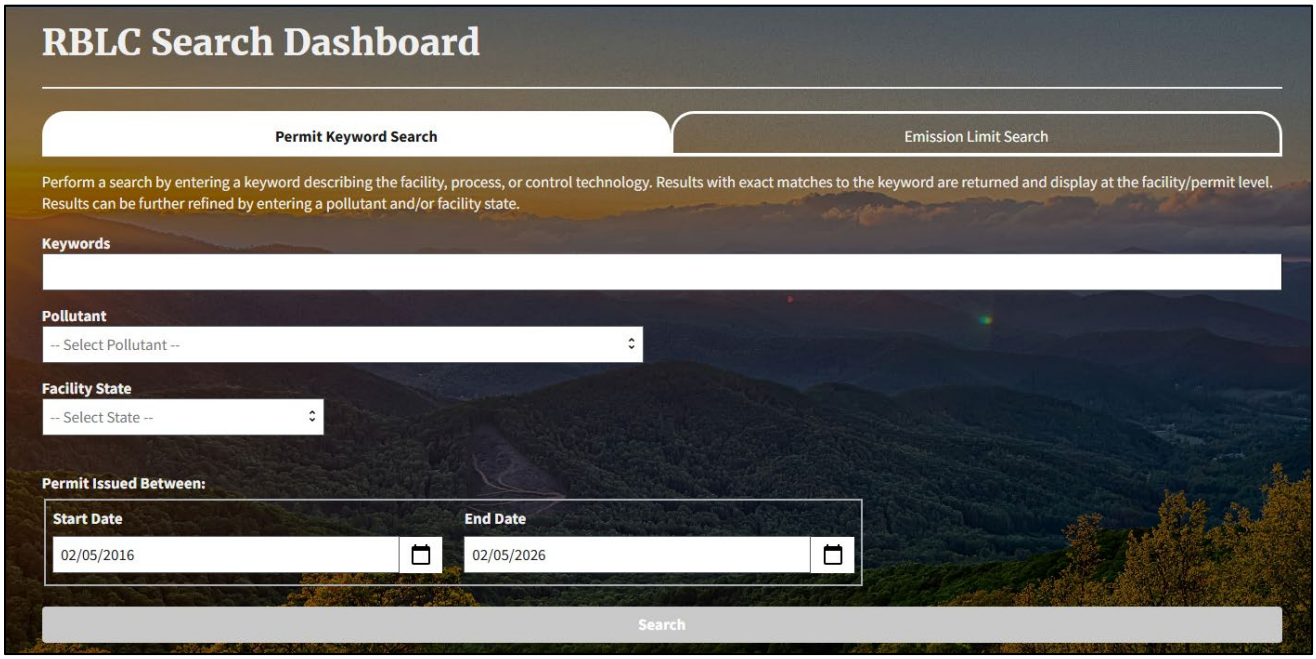


Figure 1

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.

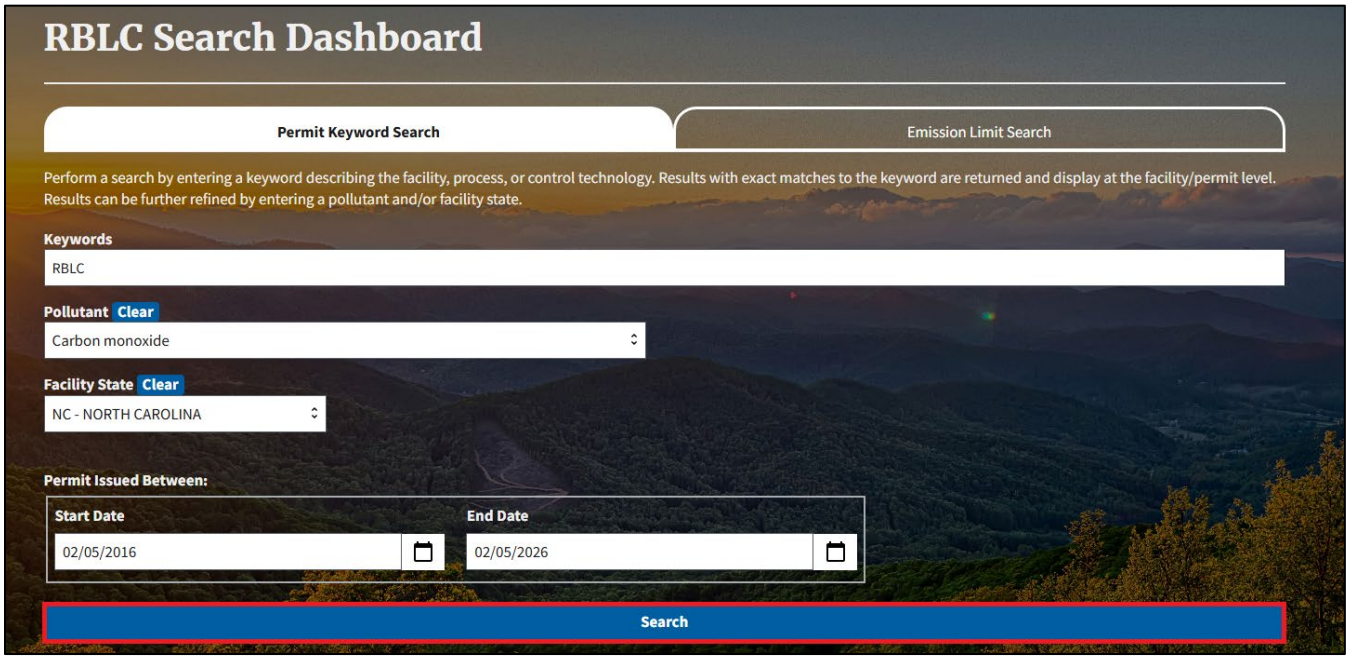


Figure 2

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.

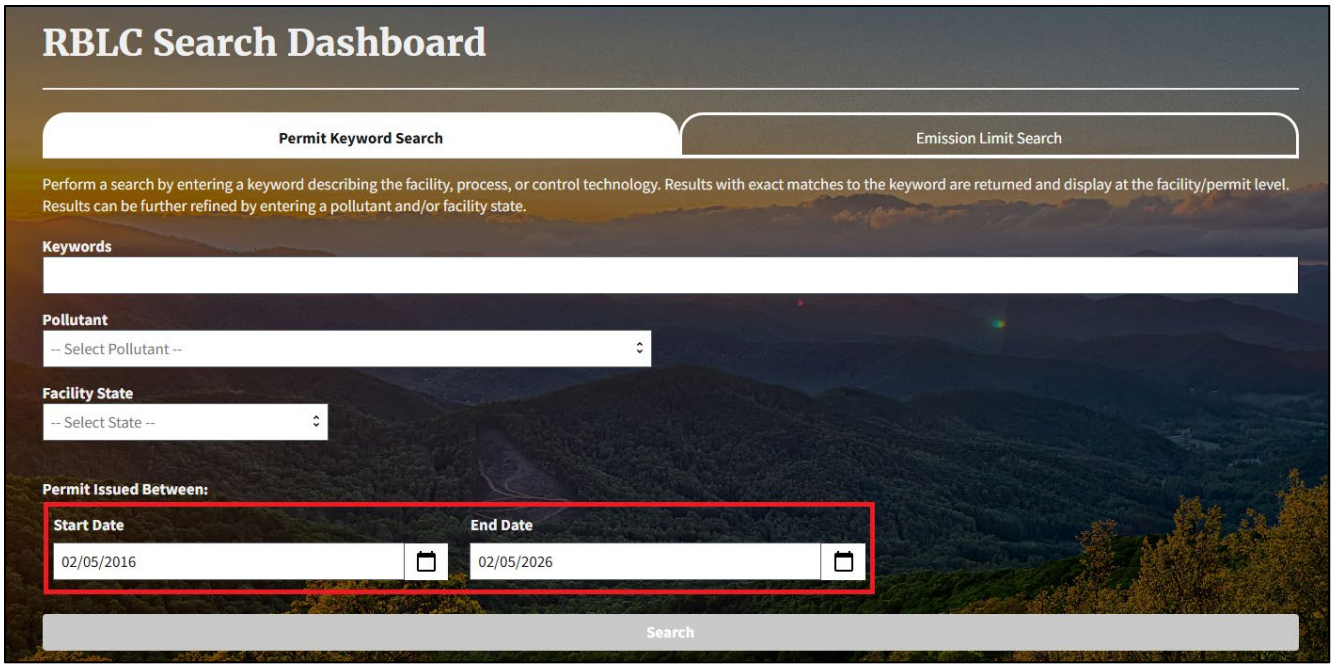


Figure 3

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.)

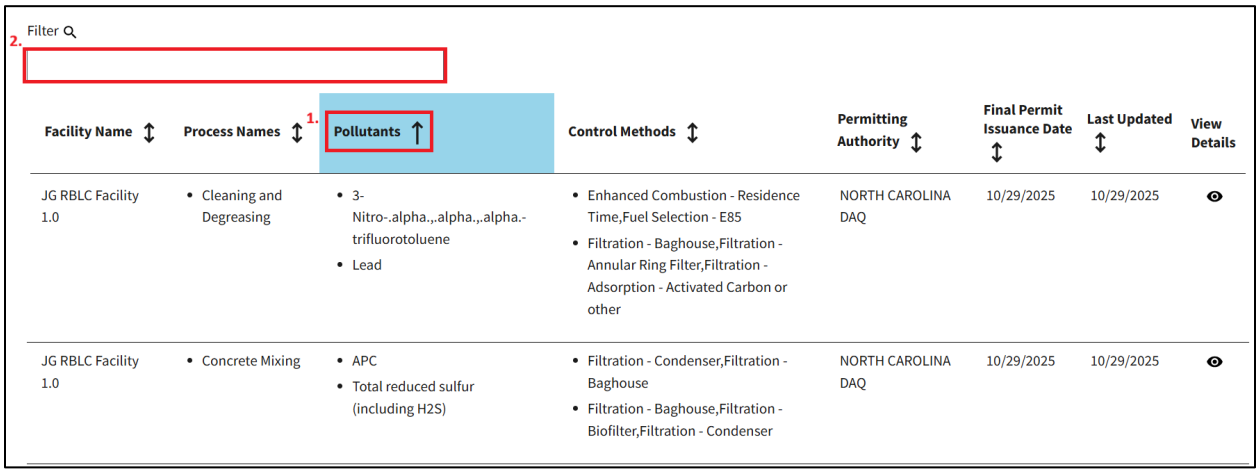


Figure 4

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.)

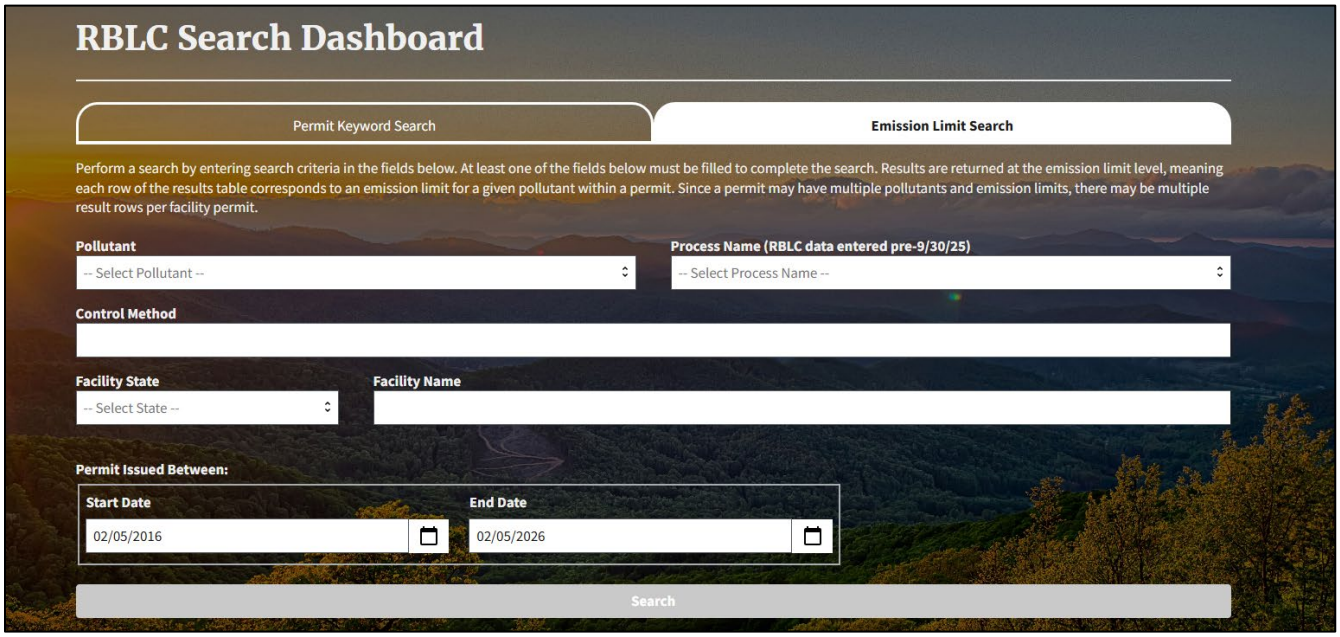


Figure 5

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.)

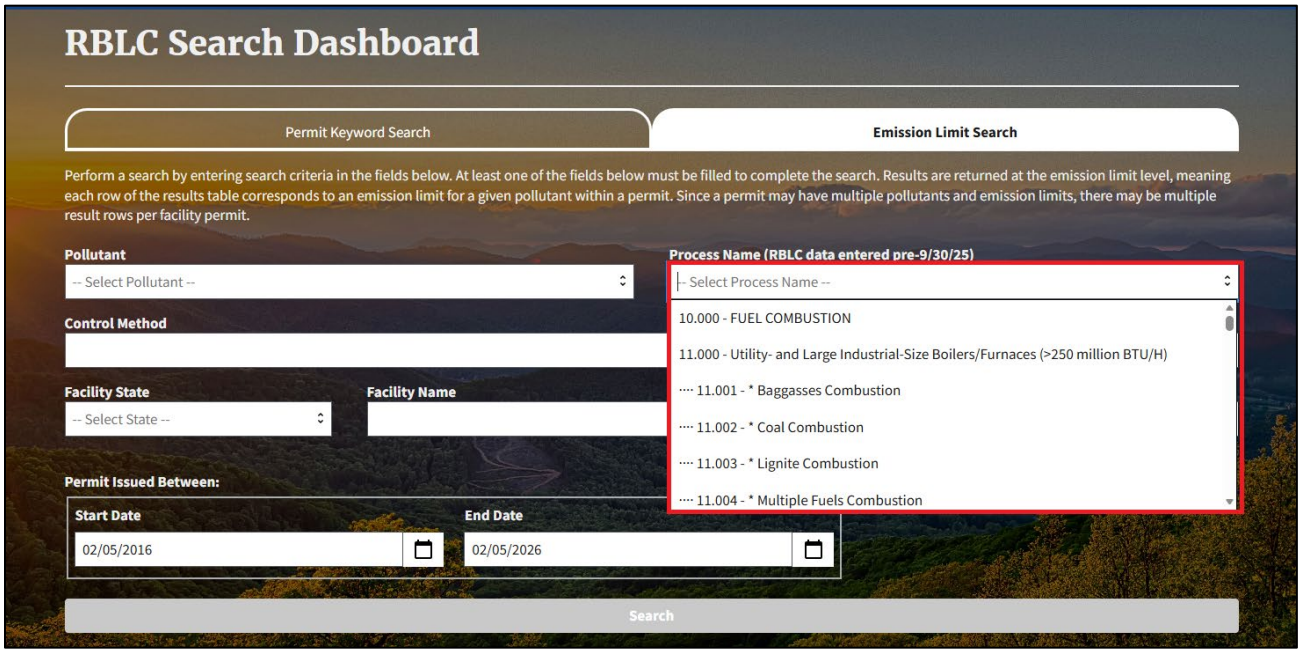


Figure 6

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.)

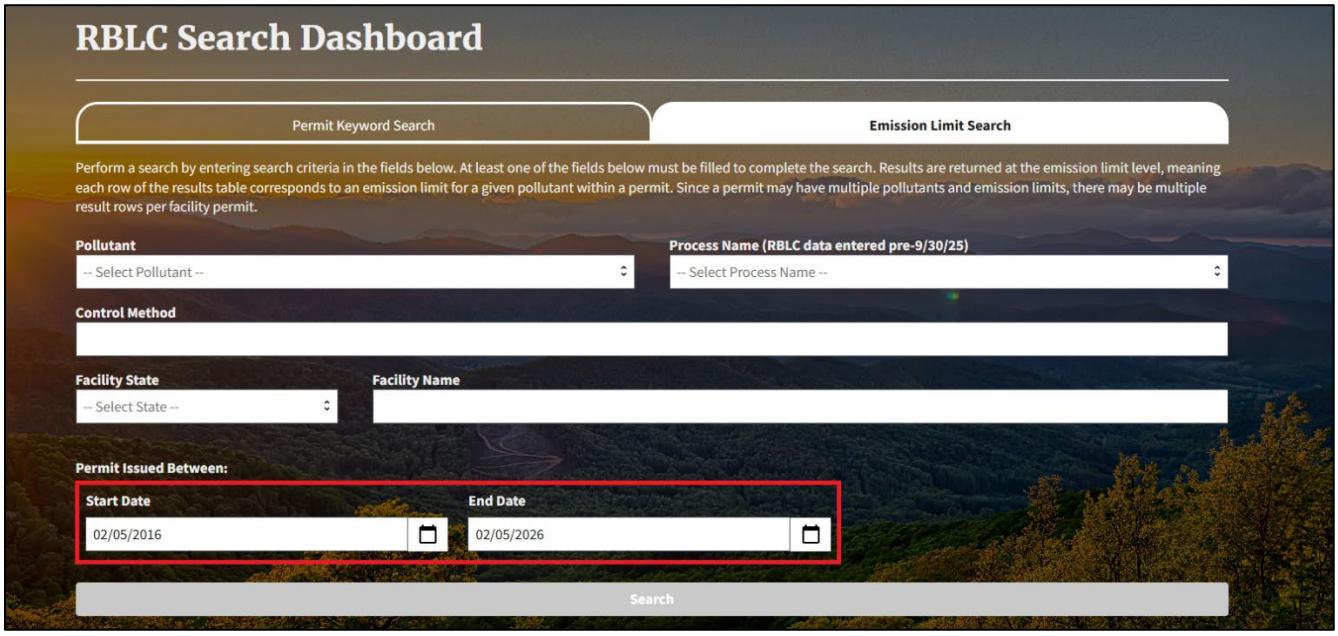


Figure 7

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.)

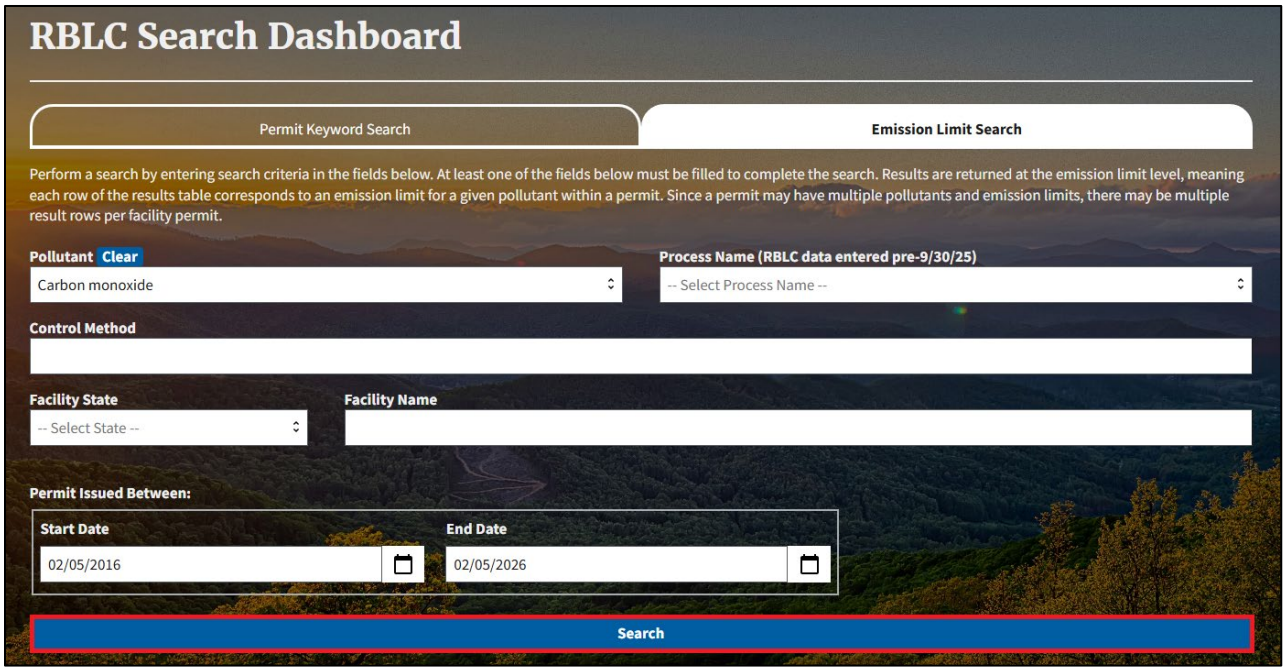


Figure 8

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.)

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.

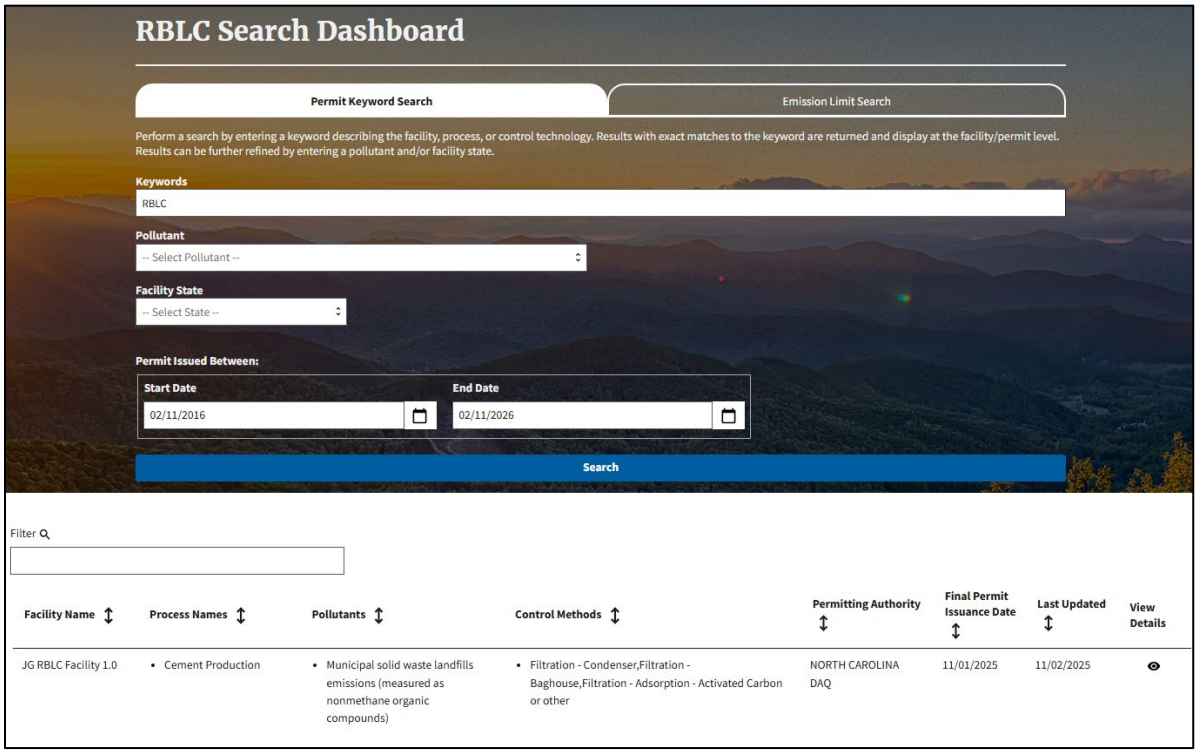


Figure 10

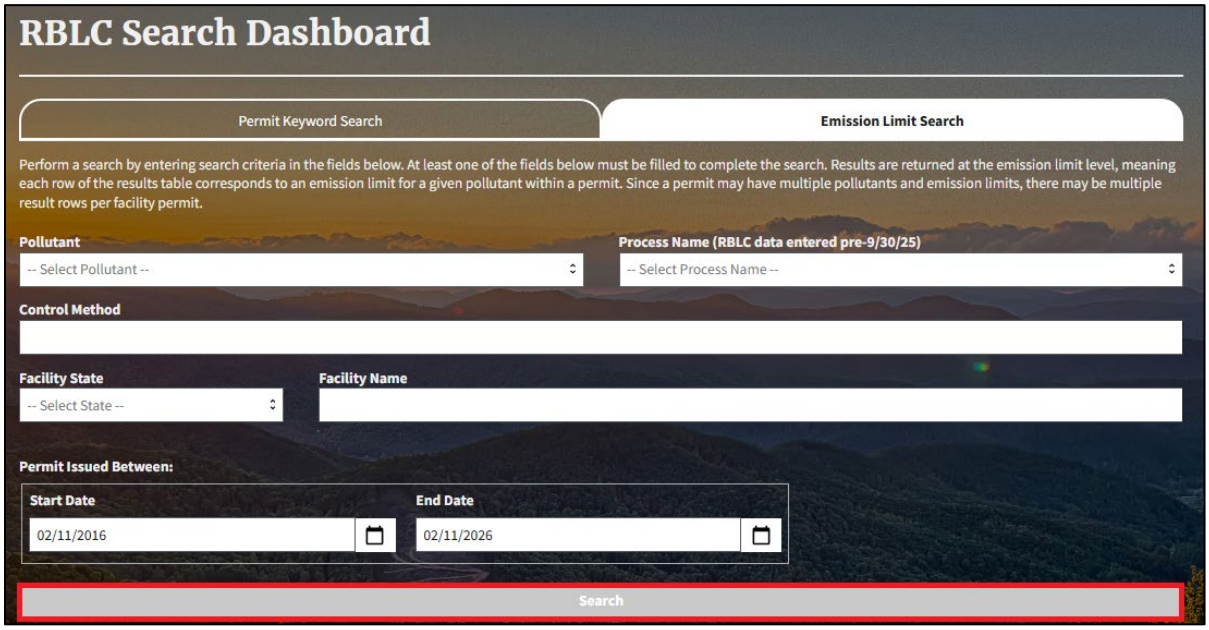


Figure 11

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.

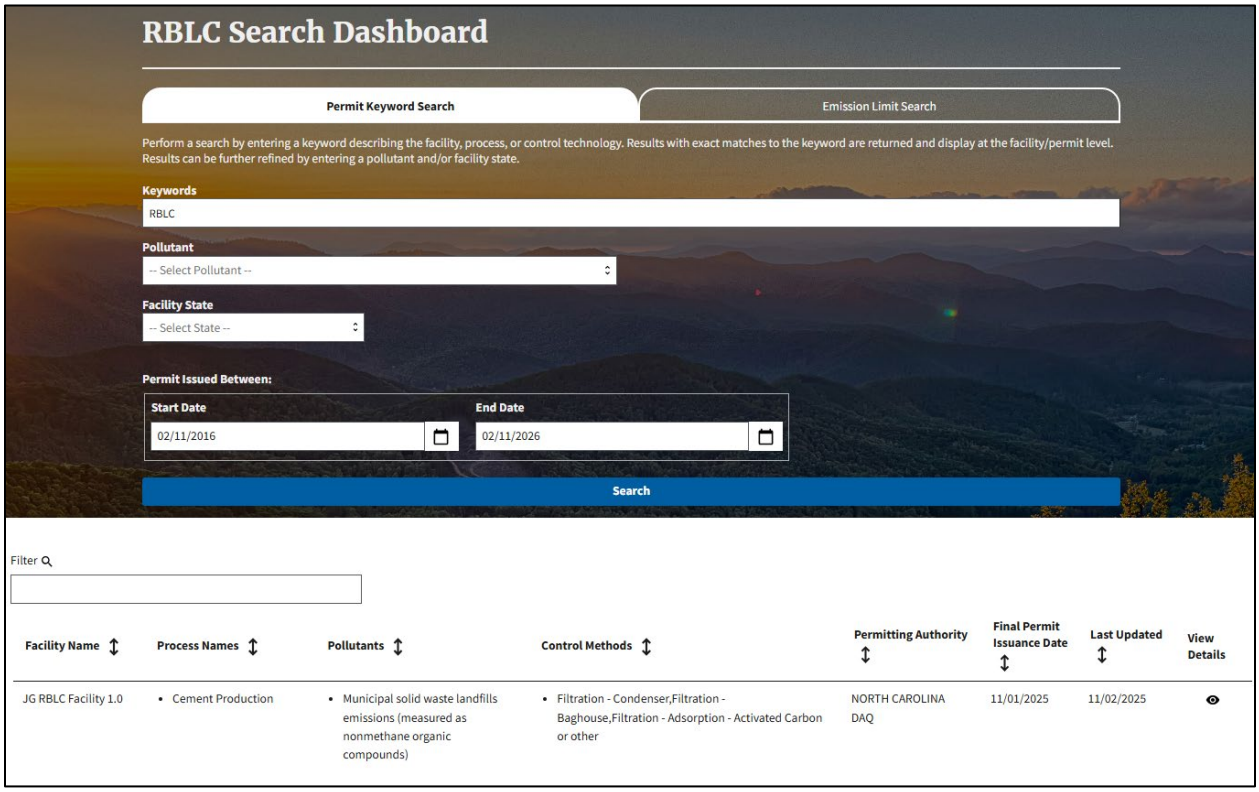


Figure 12

(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-rblc/?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.”

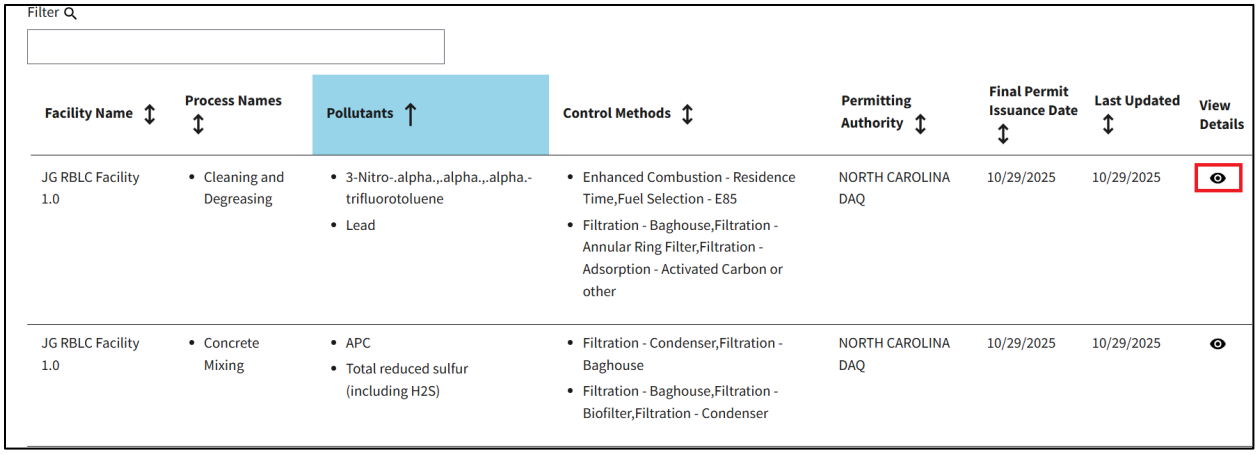


Figure 13

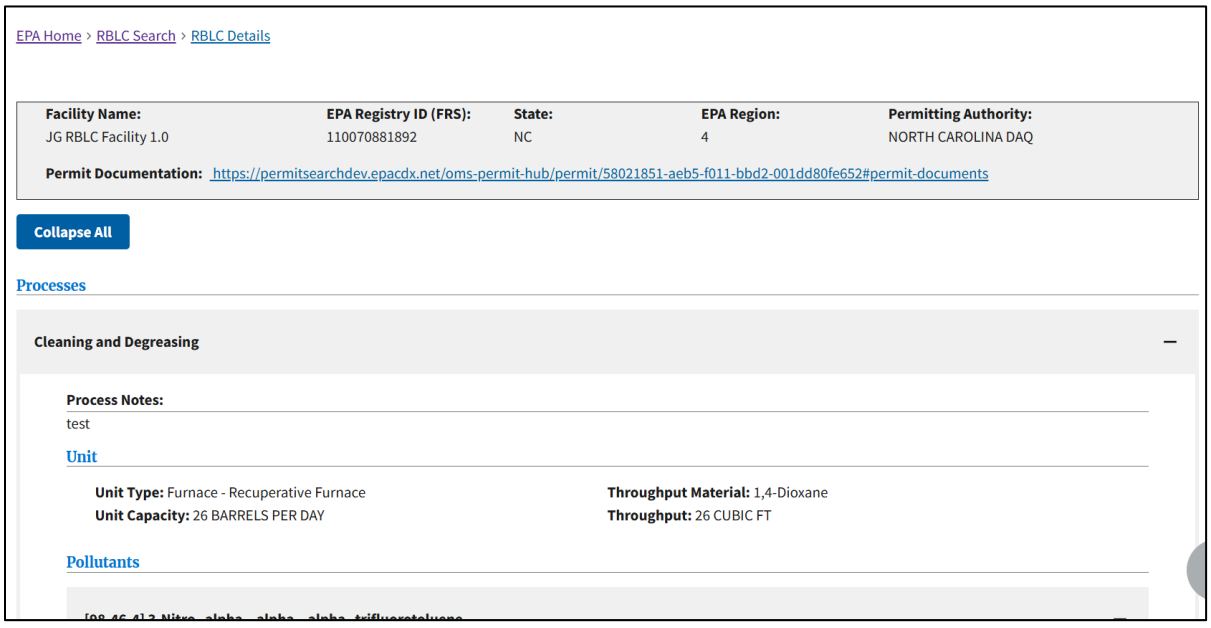
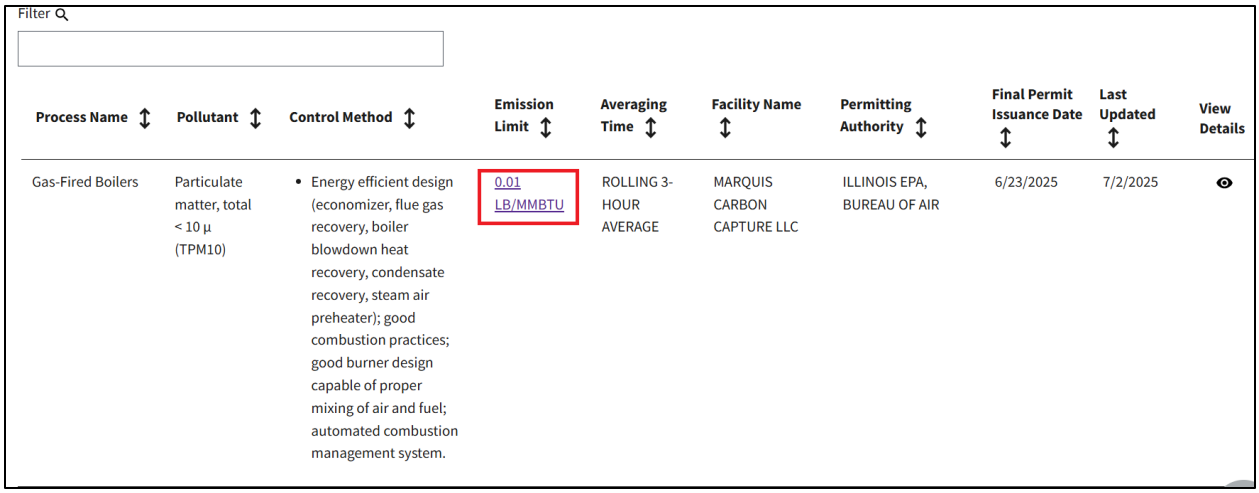


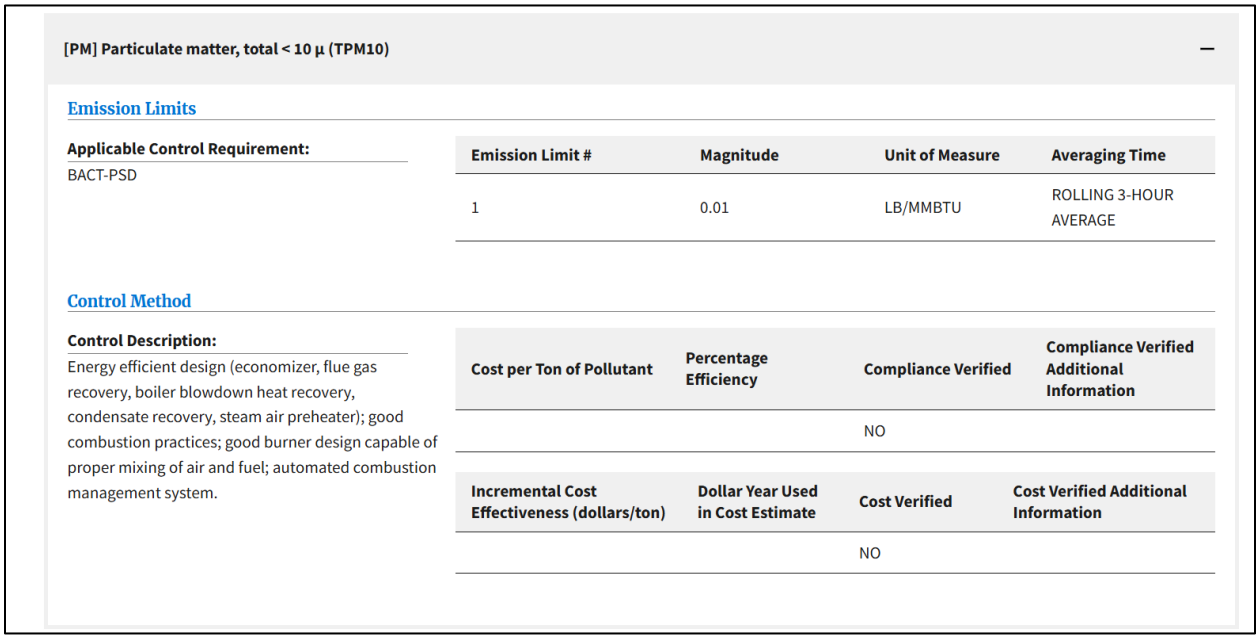
Figure 14

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.)


Filter

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.	0.01 LB/MMBTU	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:
BACT-PSD

Emission Limit #	Magnitude	Unit of Measure	Averaging Time
1	0.01	LB/MMBTU	ROLLING 3-HOUR AVERAGE

Control Method

Control Description:
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.

Cost per Ton of Pollutant	Percentage Efficiency	Compliance Verified	Compliance Verified Additional Information
		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.

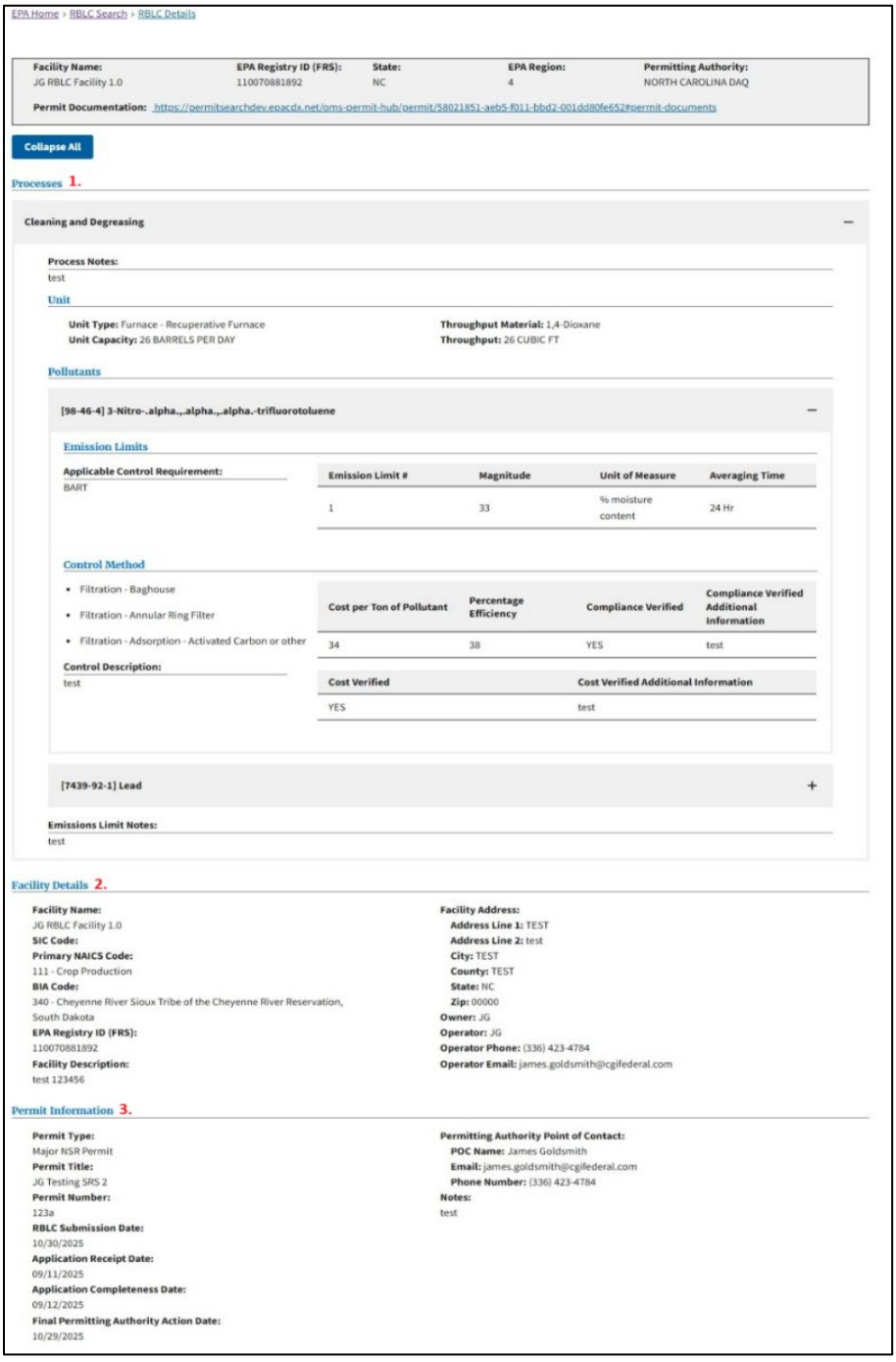


Figure 17

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 “+” and “-” icons next to the field header (Figure 18.)

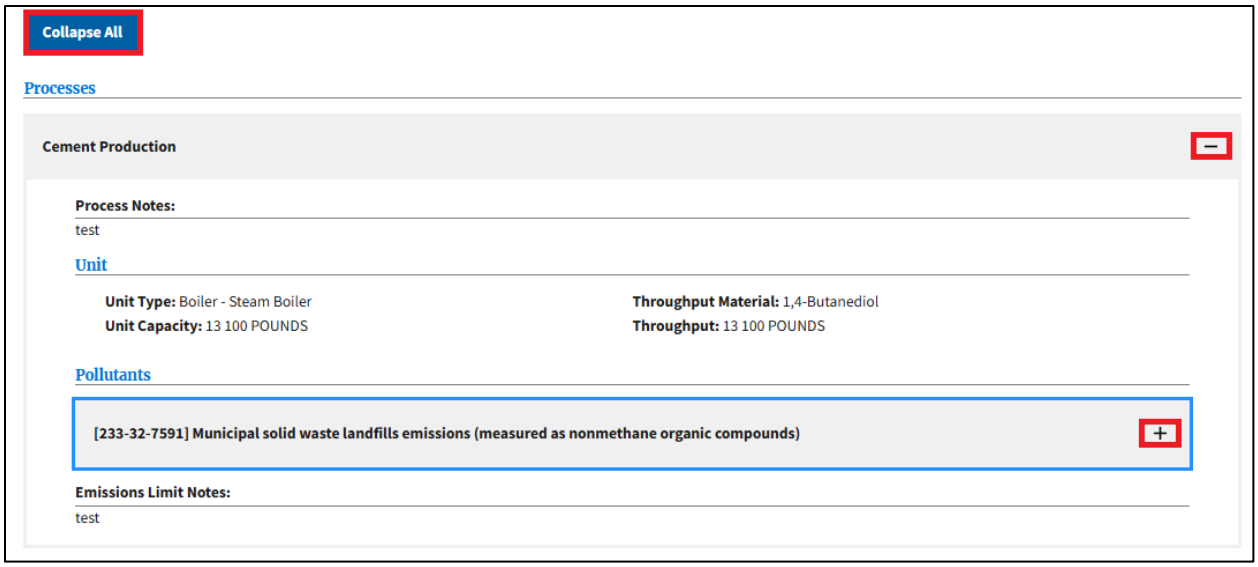


Figure 18

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.

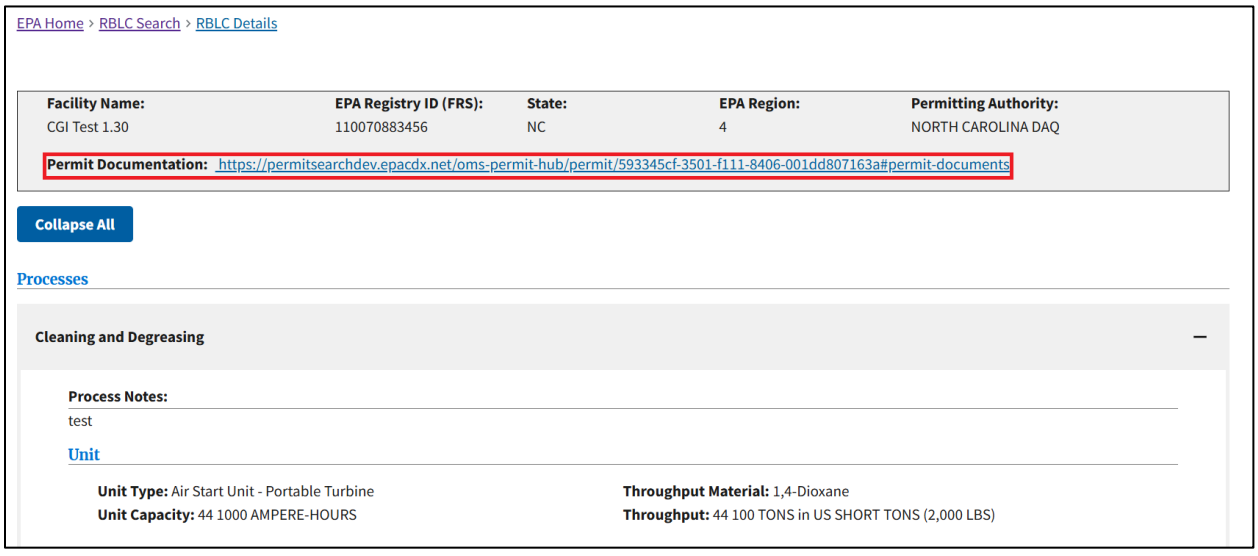


Figure 19

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.)

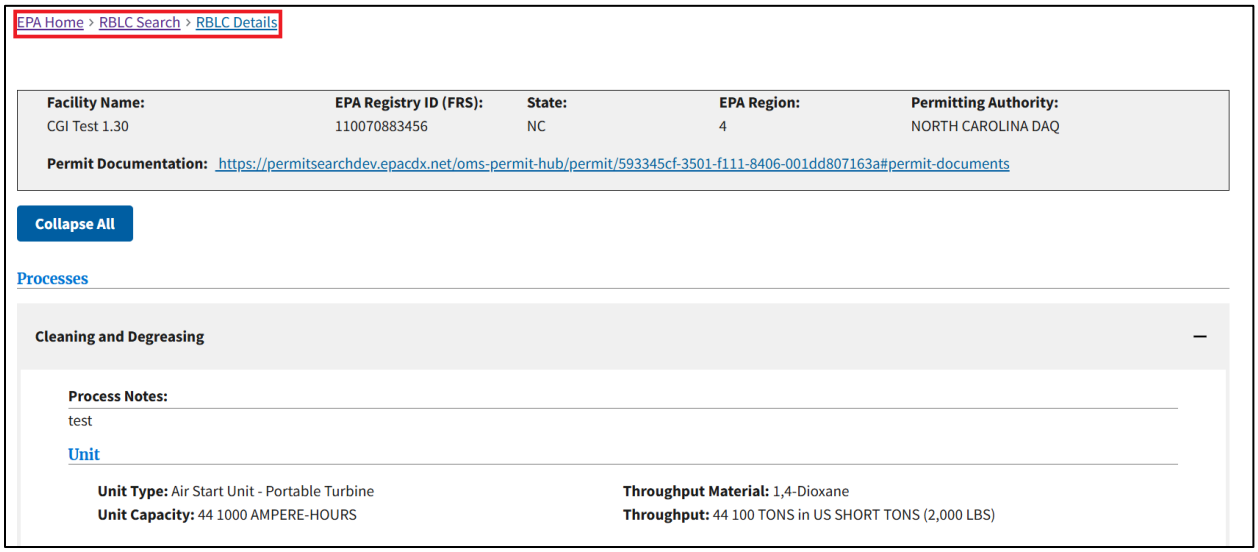


Figure 20