Quick Reference Guide for the Drinking Water Viewer (DWV)

Drinking Water Viewer (DWV)

Drinking Water Viewer (DWV) is a search tool that allows water systems and the public to have access to information regarding drinking water systems. DWV can provide monitoring schedules, drinking water lab results, violations, Consumer Confidence Report (CCR) information, etc.

DWV is a more user-friendly version of the Drinking Water Watch (DWW), which MDE has discontinued. **Chrome** and **Edge** are the preferred browsers for DWV.

Link to DWV: https://mddwv.gecsws.com/

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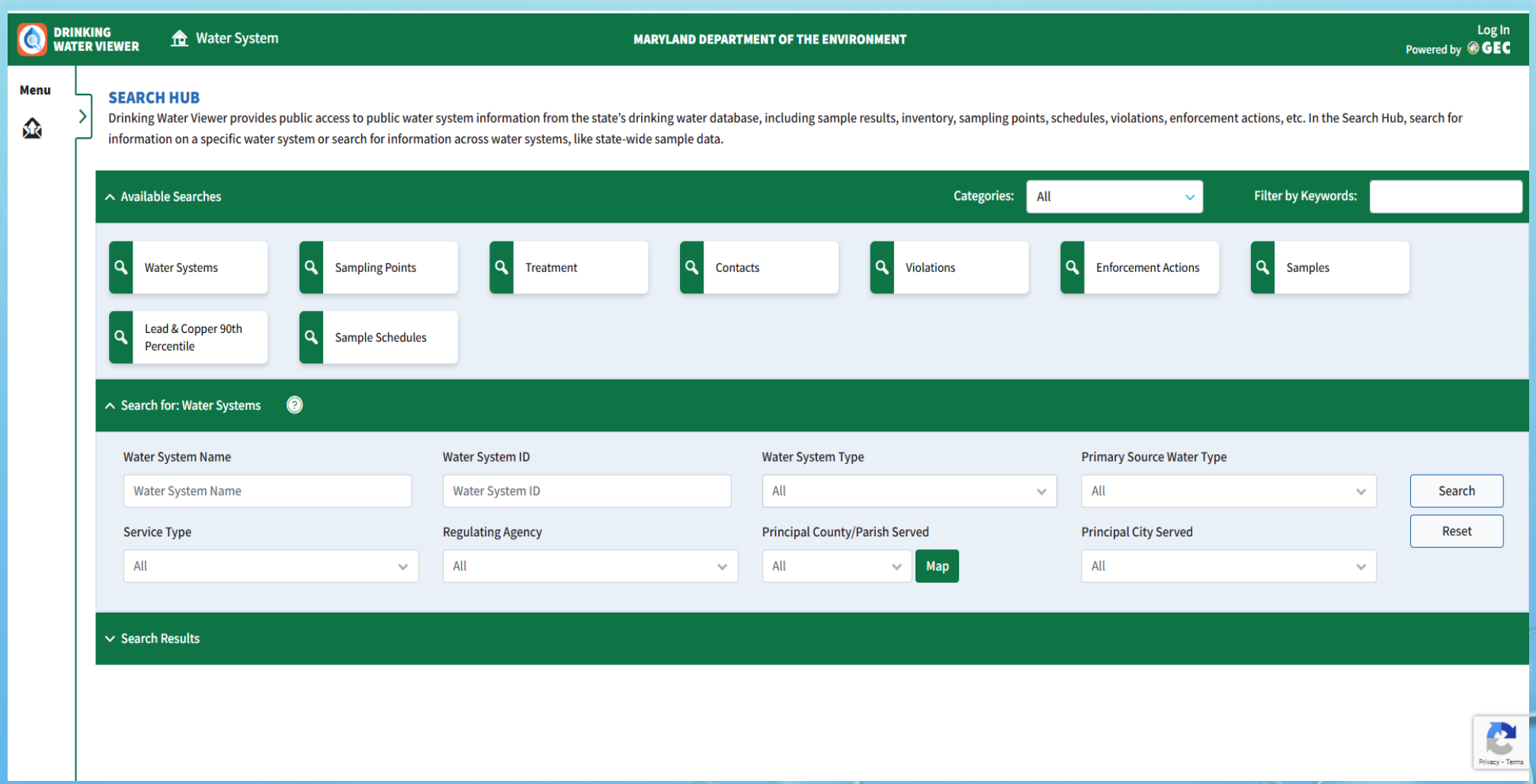
Drinking Water Viewer Main Page

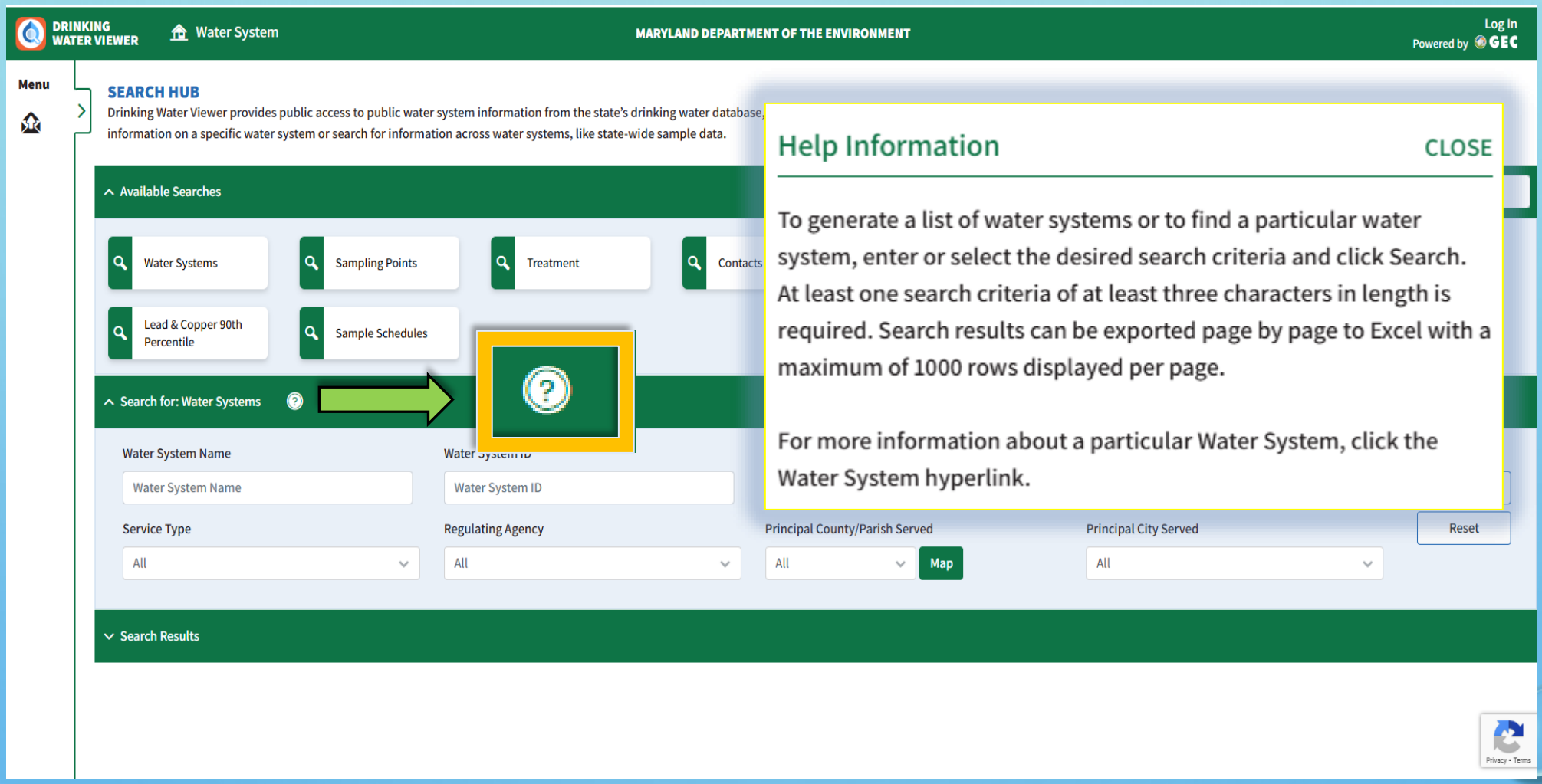
For Water Systems - Sign-In is not required

Website: https://mddwv.gecsws.com/



Drinking Water Viewer Main Page

Question Marks provide a pop-up with additional information on that section

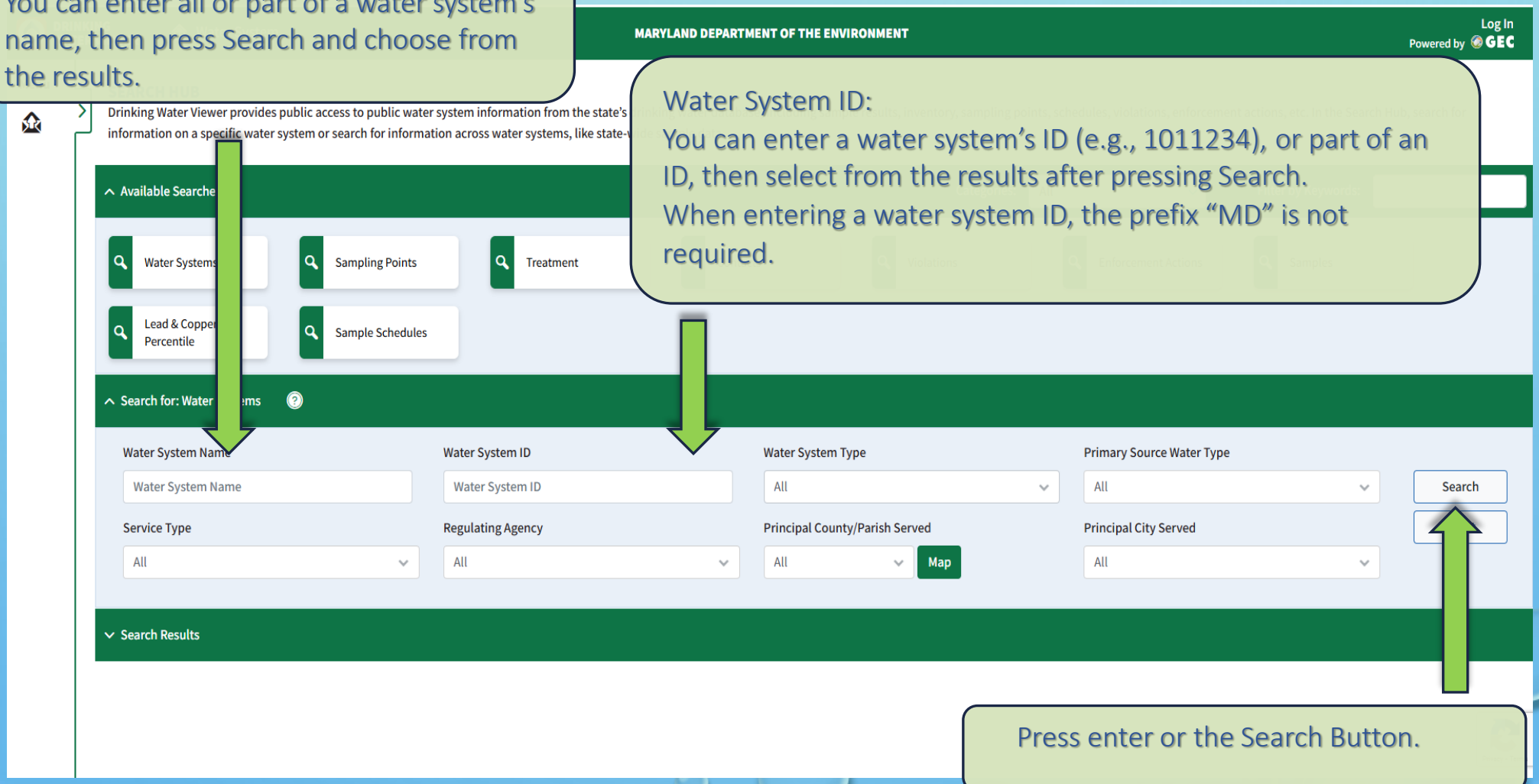


Drinking Water Viewer Main Page

You can search for your Water System two ways

Water System Name:
You can enter all or part of a water system's name, then press Search and choose from the results.

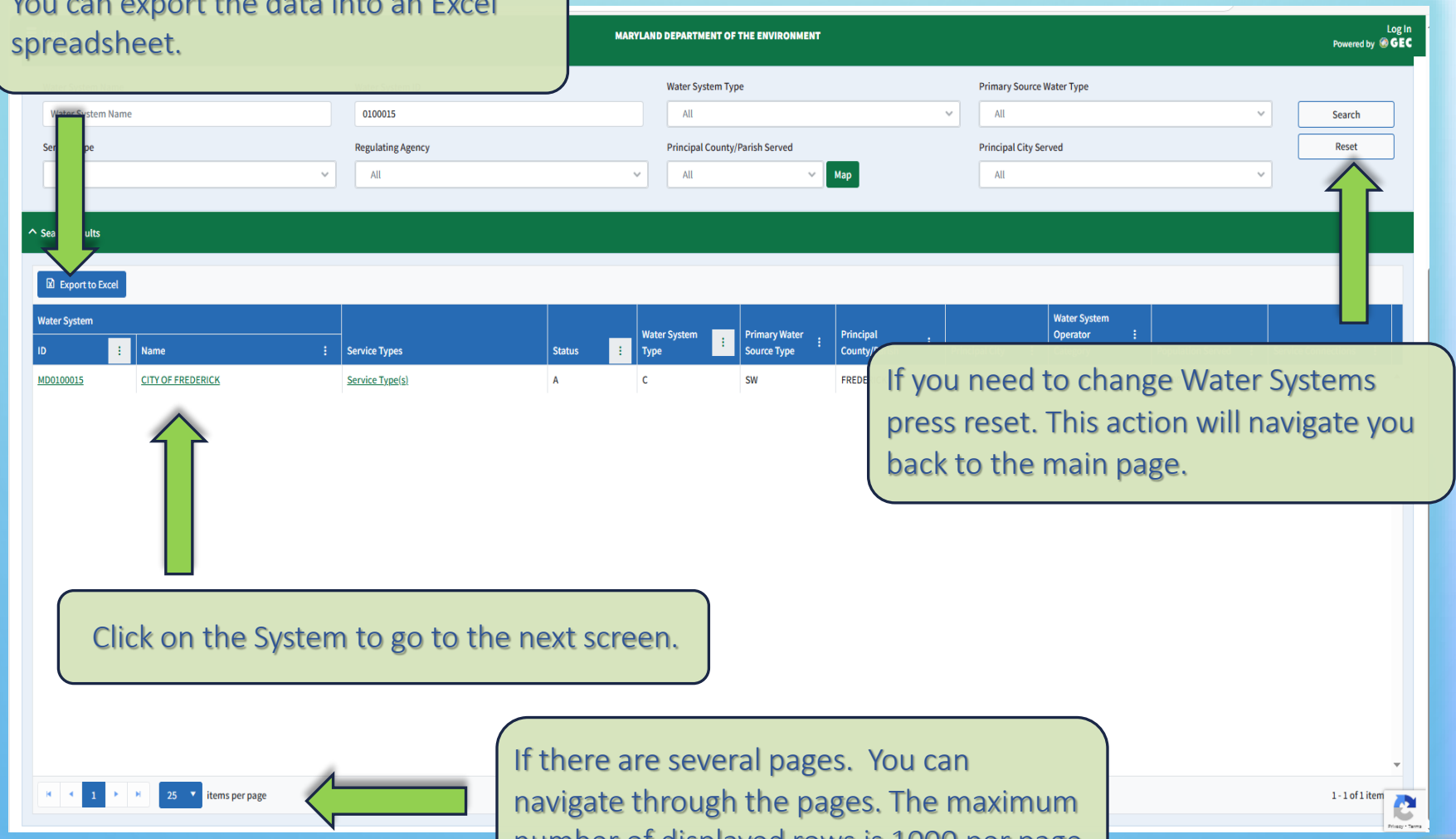
Water System ID:
You can enter a water system's ID (e.g., 1011234), or part of an ID, then select from the results after pressing Search.
When entering a water system ID, the prefix "MD" is not required.



Press enter or the Search Button.

Drinking Water Viewer - Selecting a Water System

You can export the data into an Excel spreadsheet.

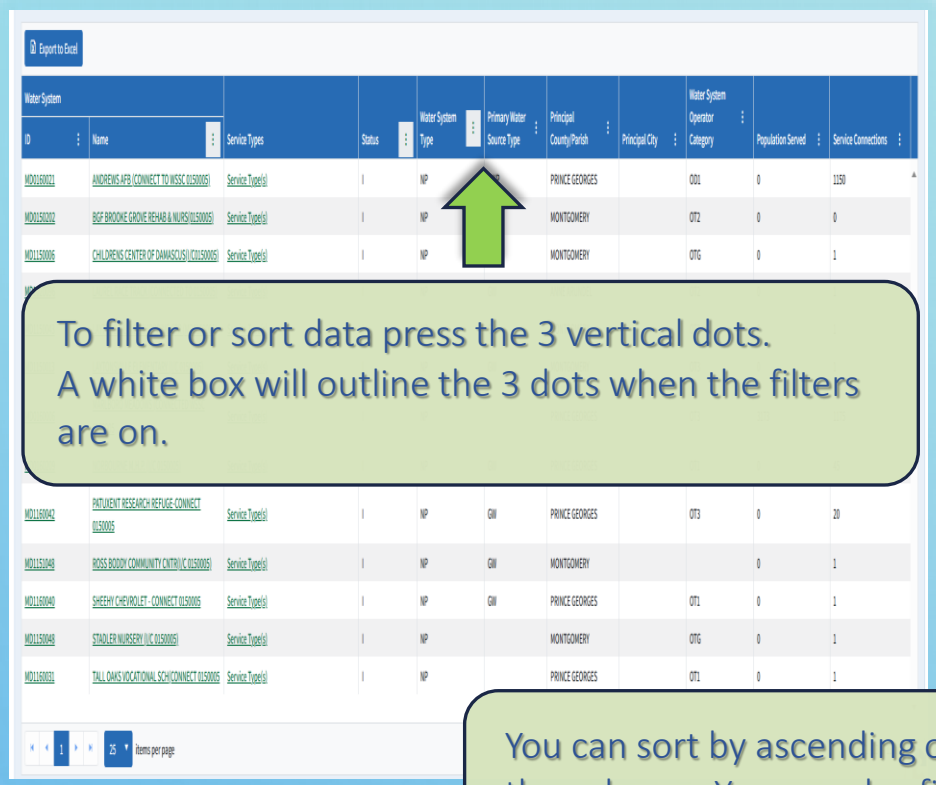


If you need to change Water Systems press reset. This action will navigate you back to the main page.

Click on the System to go to the next screen.

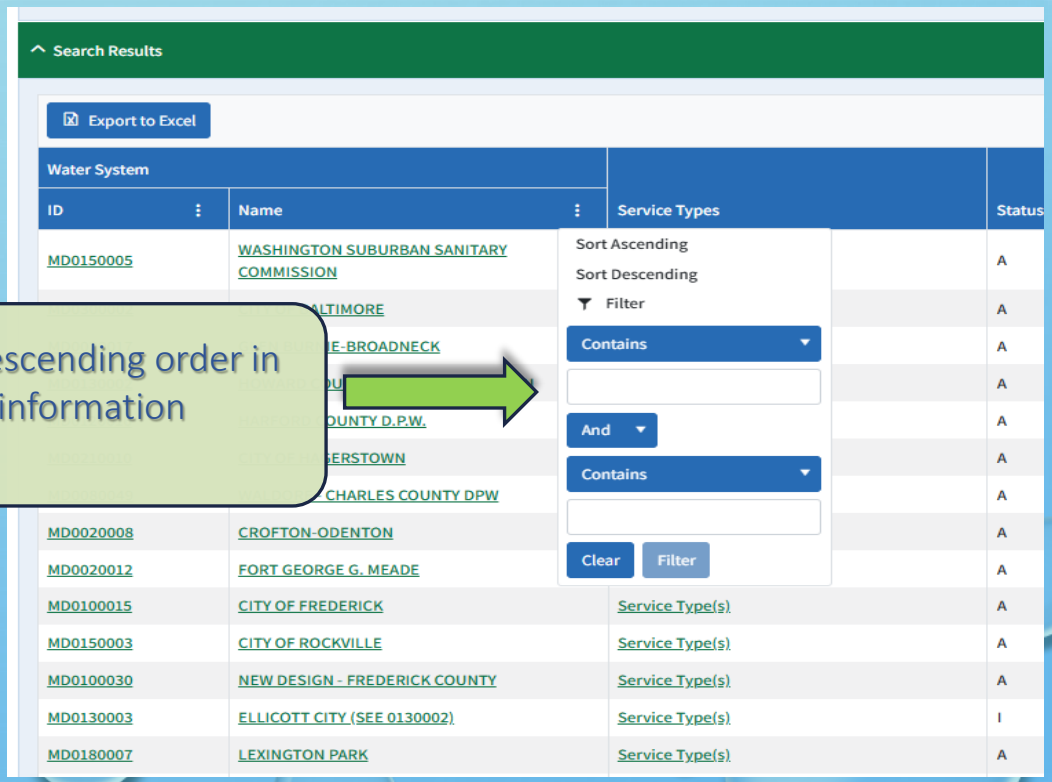
If there are several pages. You can navigate through the pages. The maximum number of displayed rows is 1000 per page.

Drinking Water Viewer - Filtering and Sorting



To filter or sort data press the 3 vertical dots.
A white box will outline the 3 dots when the filters are on.

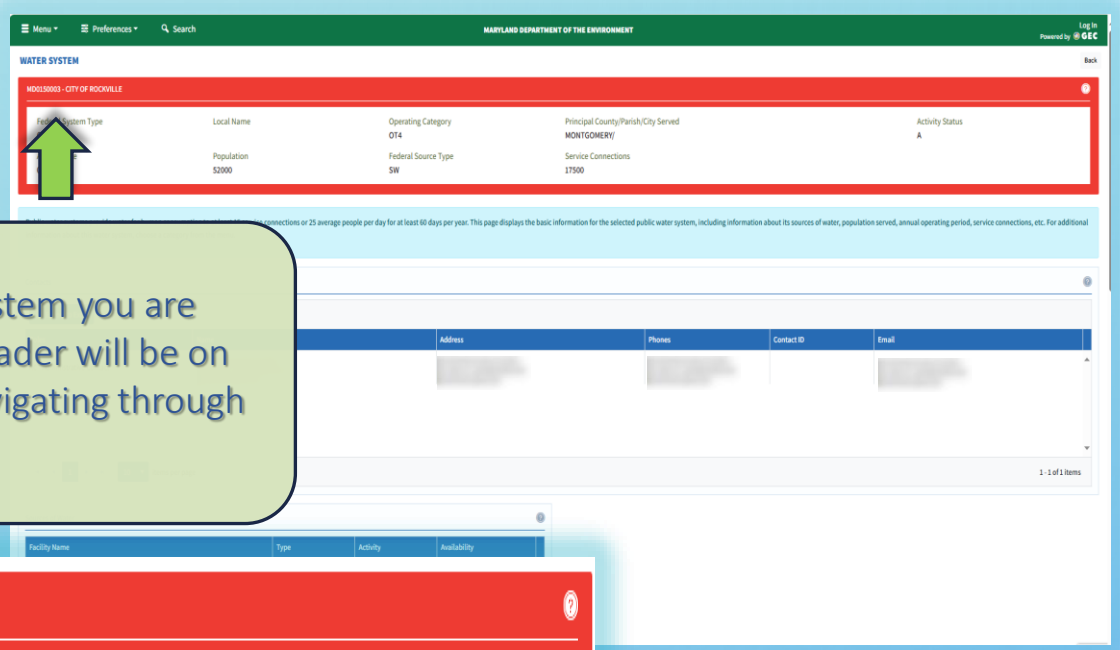
You can sort by ascending or descending order in the column. You can also filter information within the column.



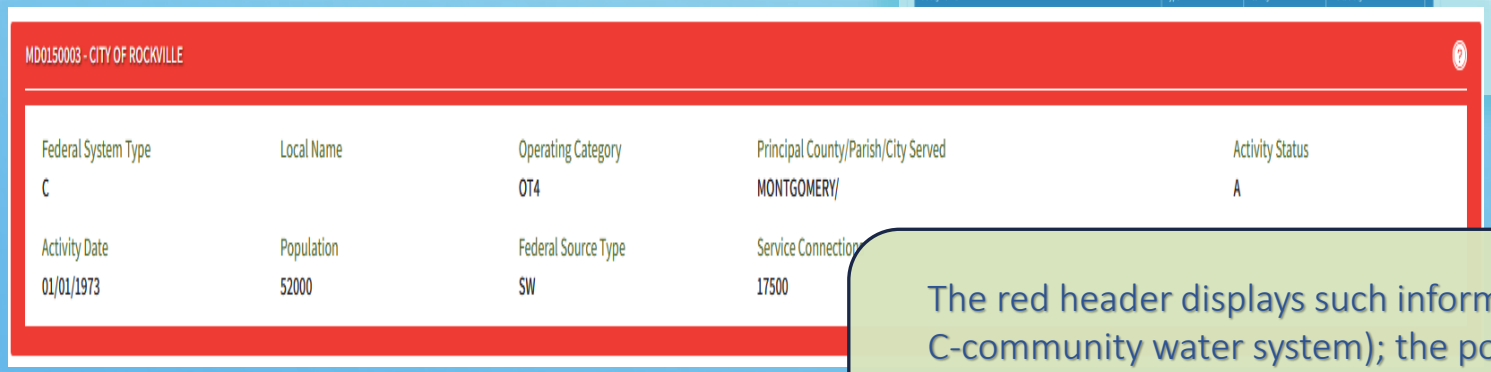
Water System Detail Page

The Water System Detail Web Page will have basic information about the System. Some items found on this page are:

* Administrative Contact * Source Water * Population



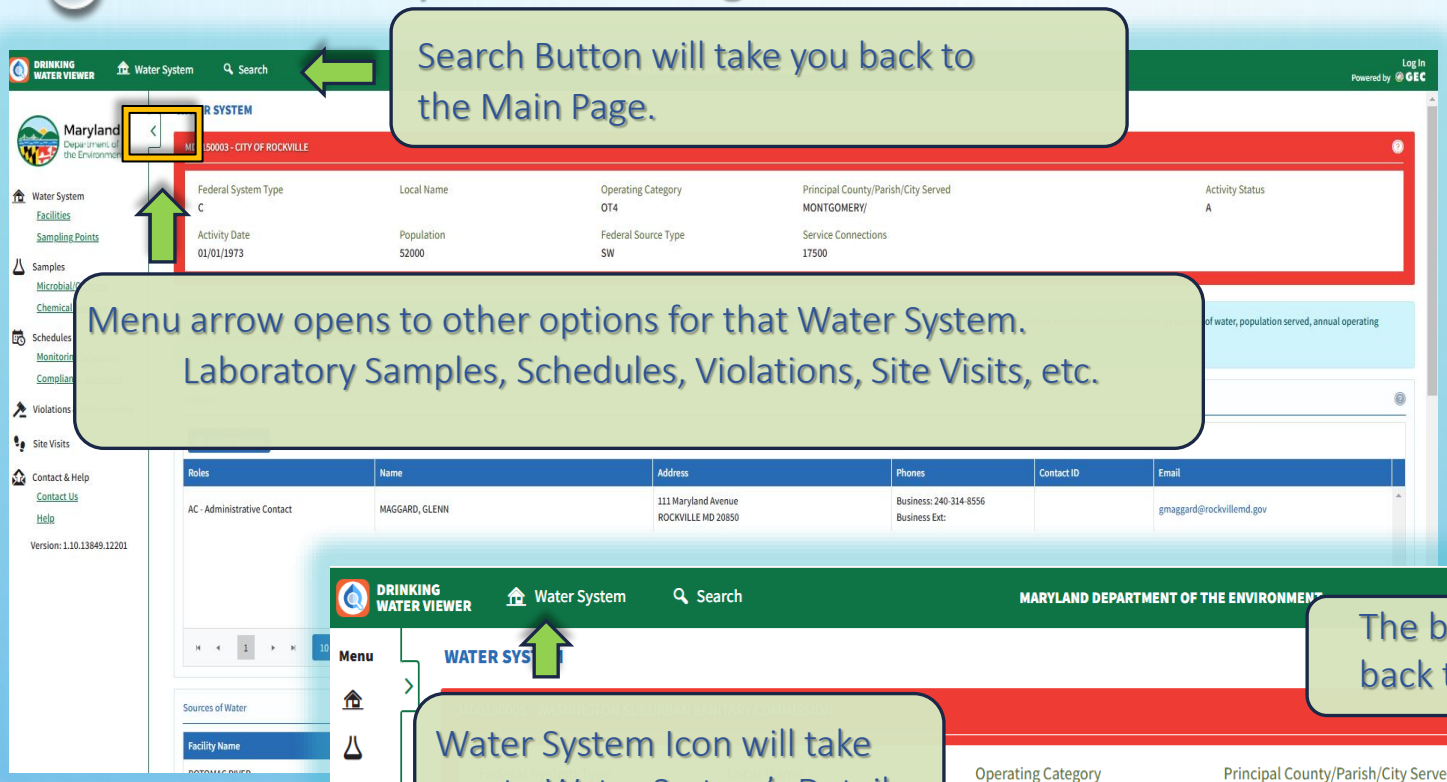
The red header displays the Water System you are currently viewing. This red border header will be on the top of webpage when you are navigating through the schedules and samples.

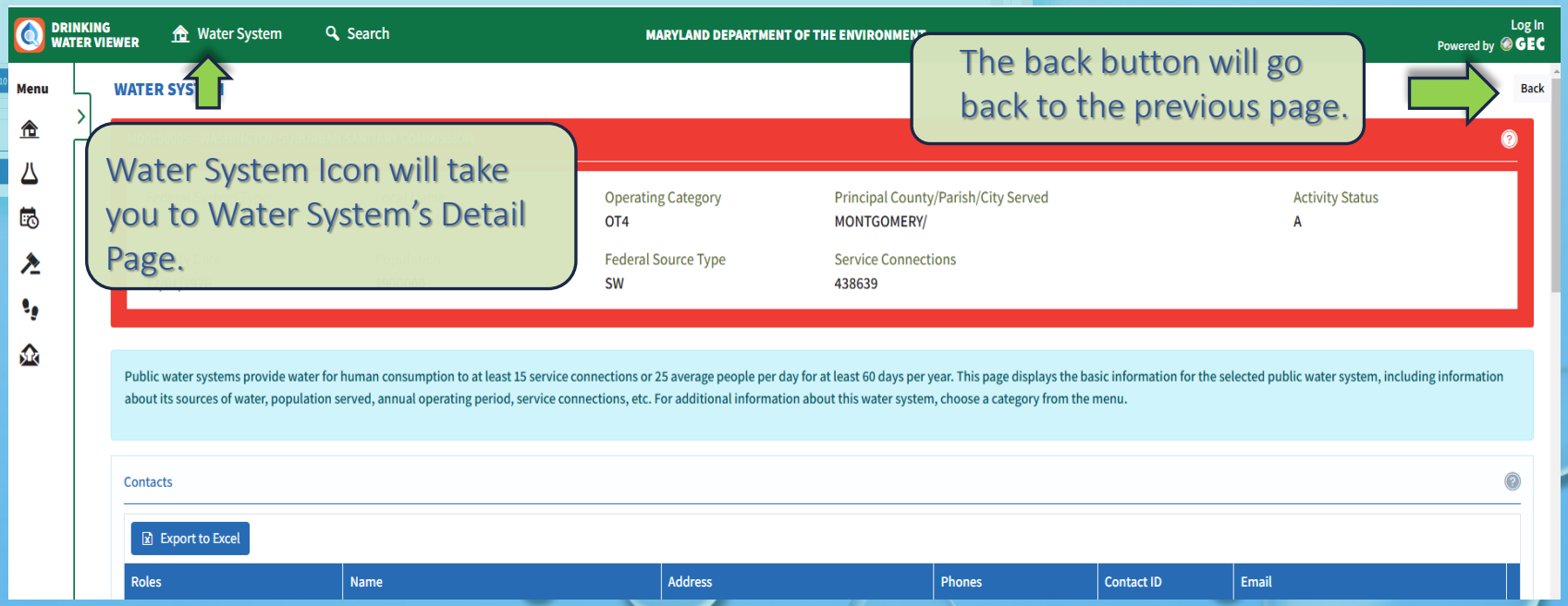


The red header displays such information as type of System (e.g., C-community water system); the population served by the system; operating category; source type (e.g., SW- raw water comes from surface water); county where the system is located; and activity status (A-active).

Water System Detail Page

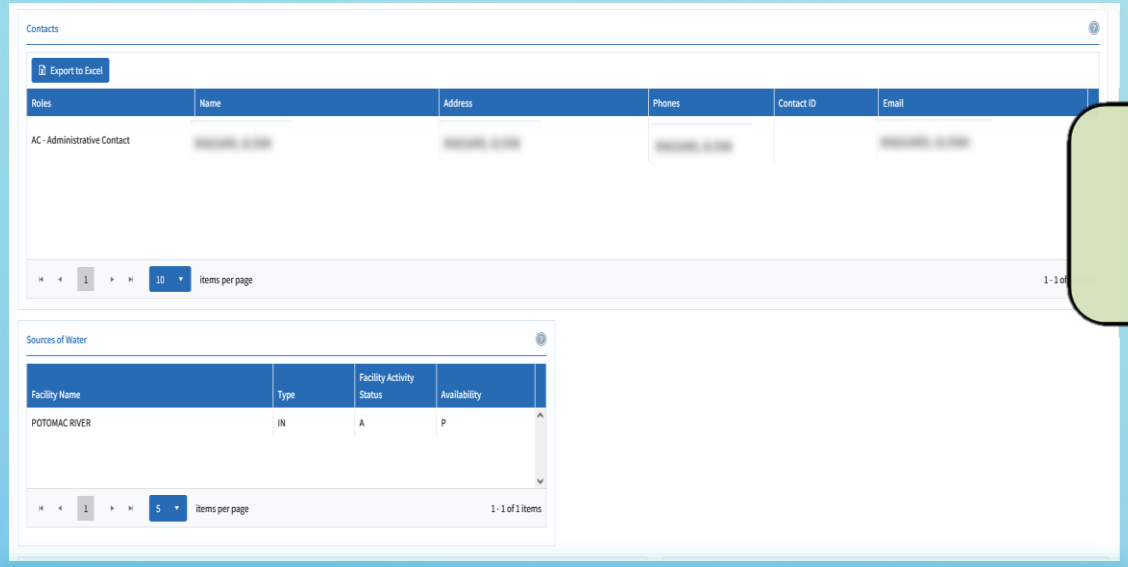
Navigating through the webpage there are a few buttons that may guide you to the information you are looking for



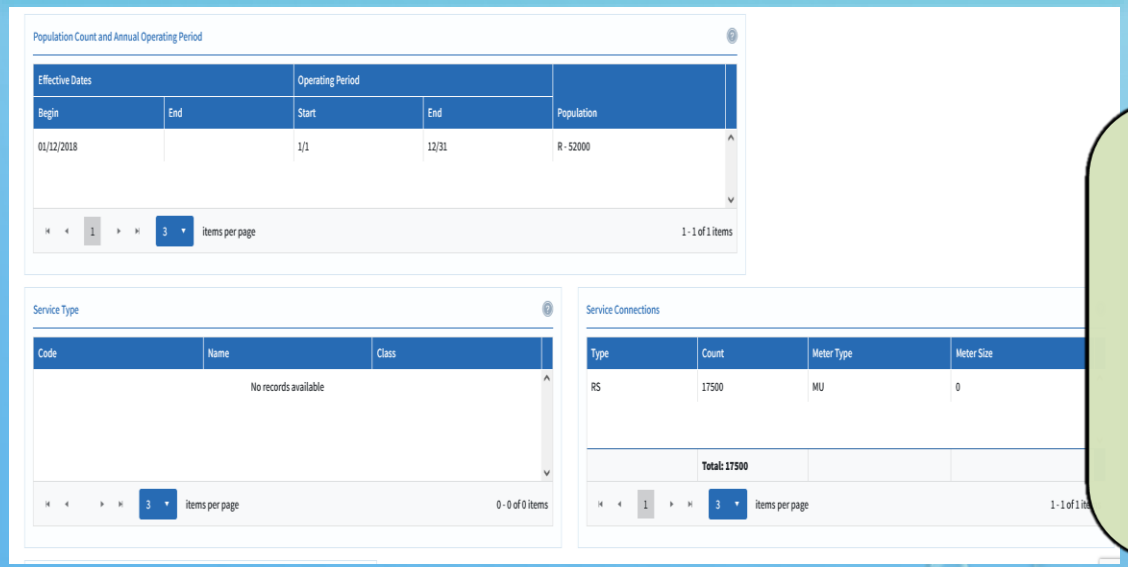


Water System Detail Page

The Water System Details Page provides information about your selected system. Please note that there are help icons on each table for abbreviation definitions.



- Administrative Contact's information.
- In this example, the source of water is the Potomac River.

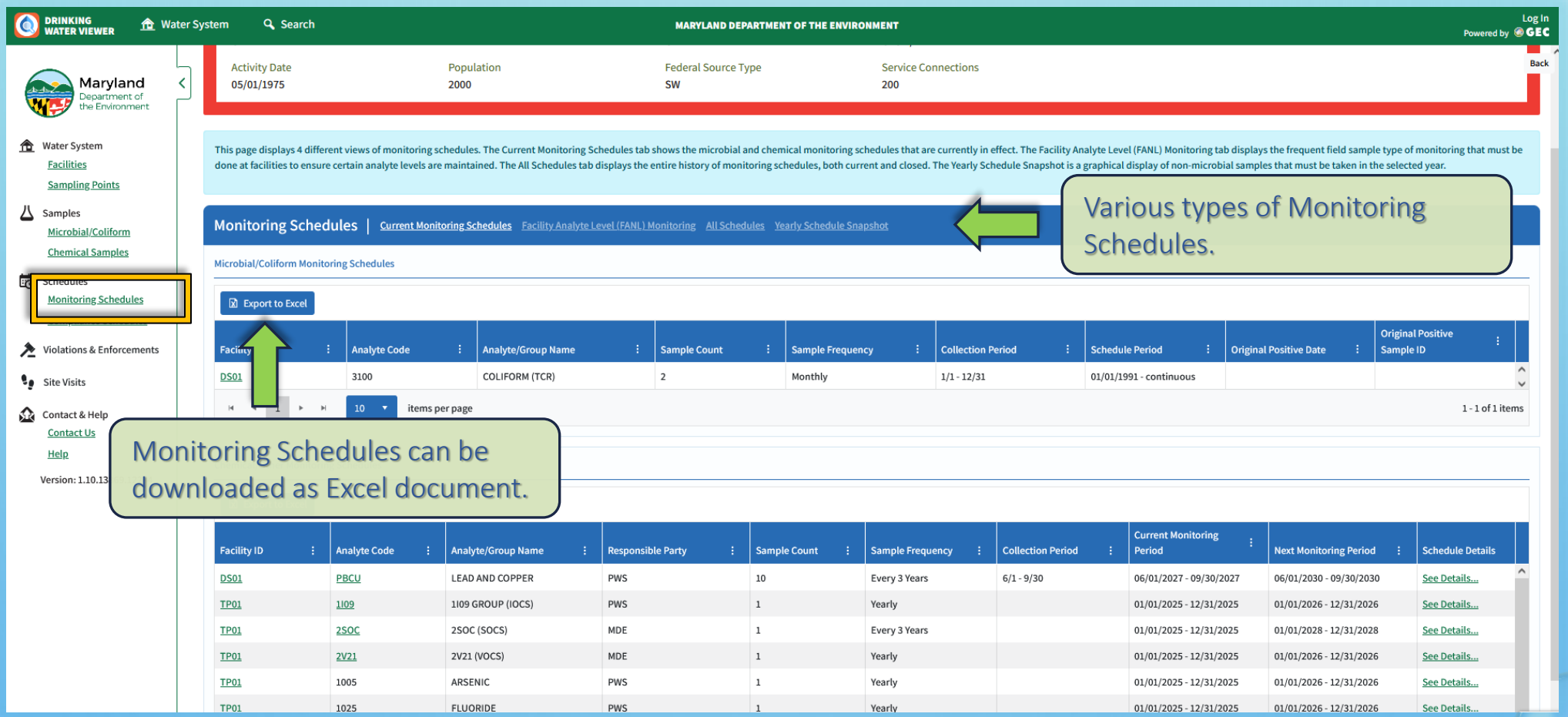


- Population and Operating Period for the year. This example shows that the Water System runs all year around.
- Service Connection will indicate what type of population is served and a population count. In this example, there are 17500 residential consumers served by this system.

Monitoring Schedules

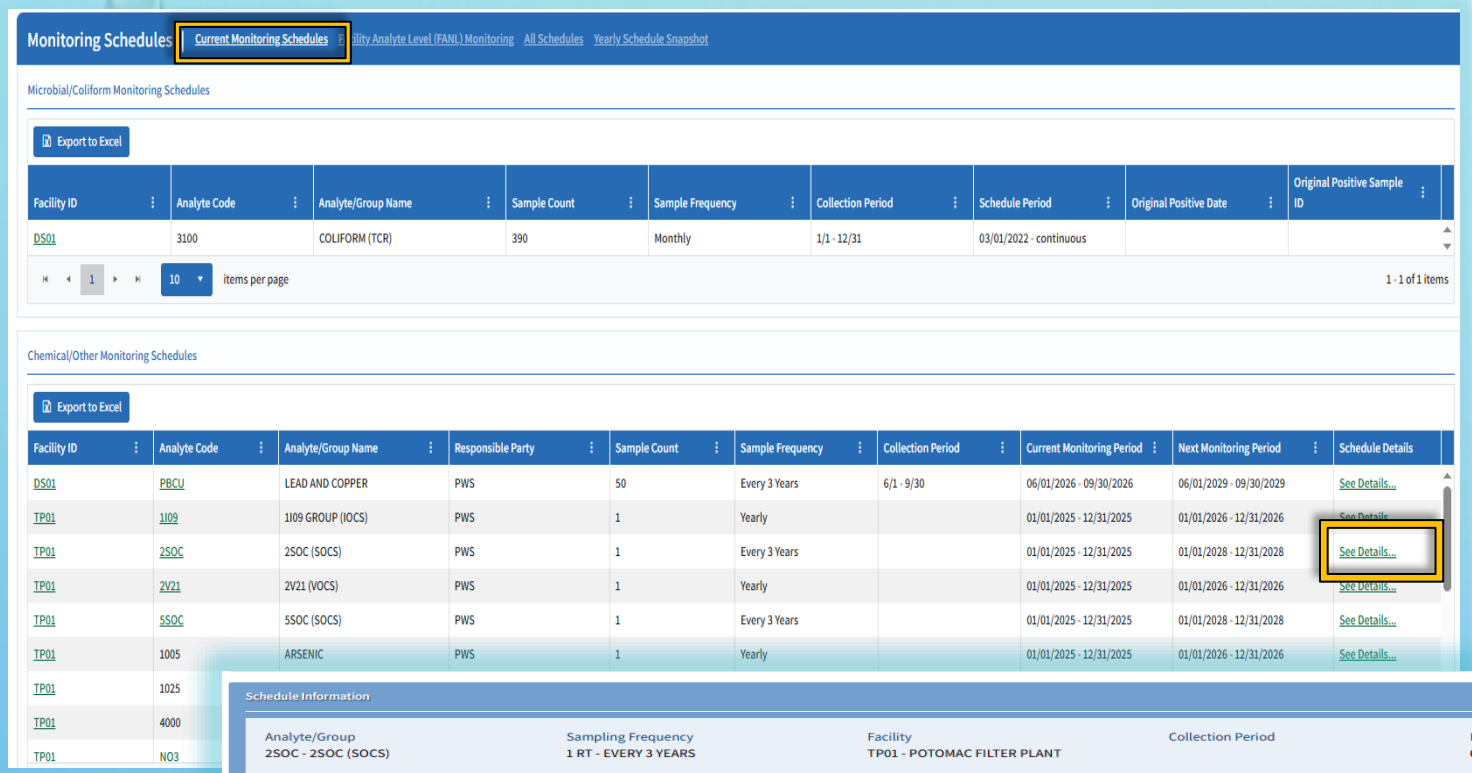
Select Monitoring Schedules from the Menu icon

DWV shows the required monitoring of the previous 90 days and the next 12 months

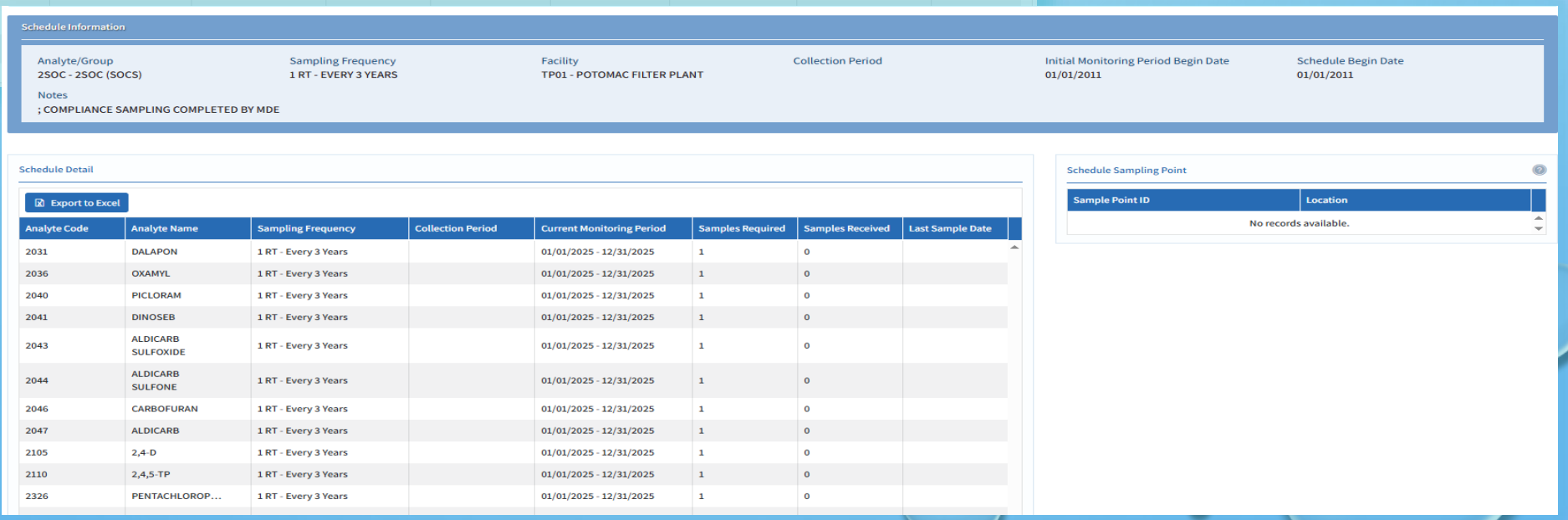


Monitoring Schedules

The Current Monitoring Schedule Table has a “See Details” hyperlink

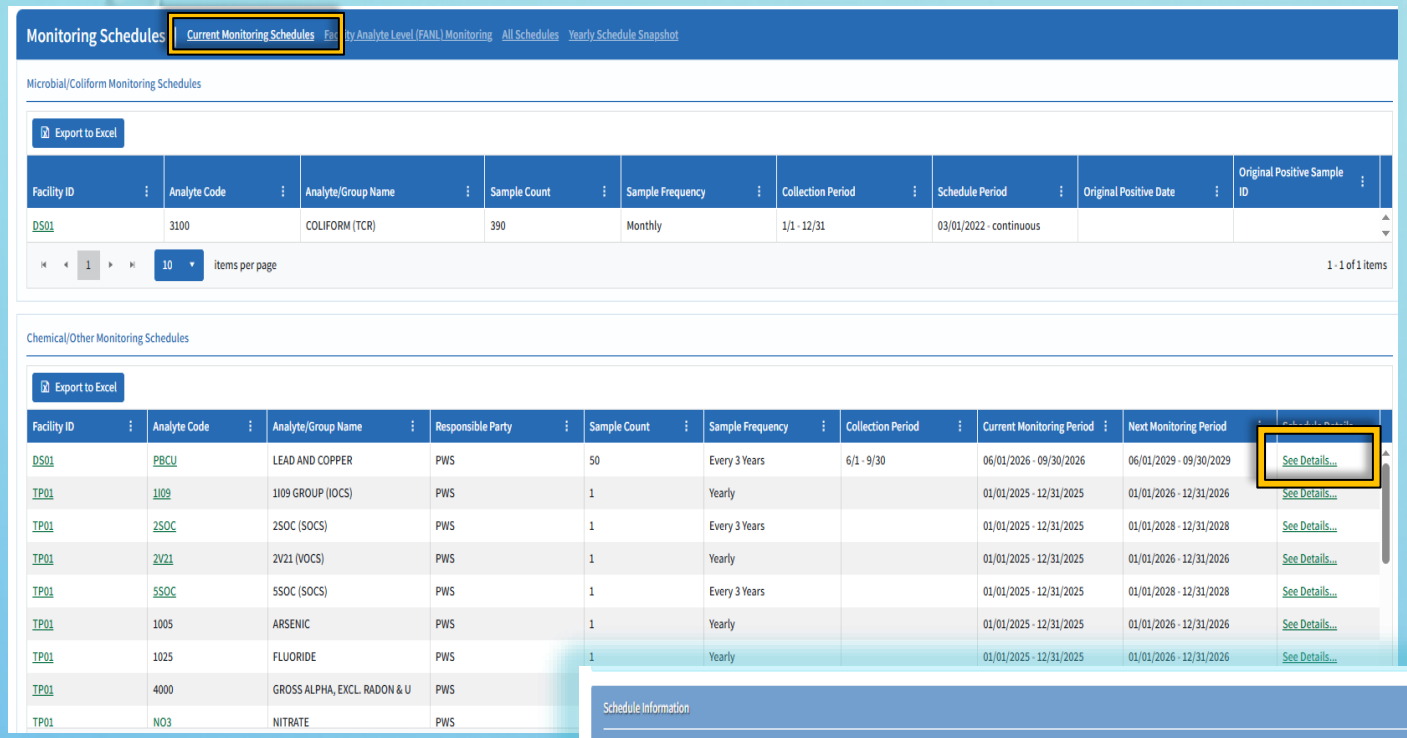


When “See Details” is selected additional information on the Analyte or Analyte Group will appear.

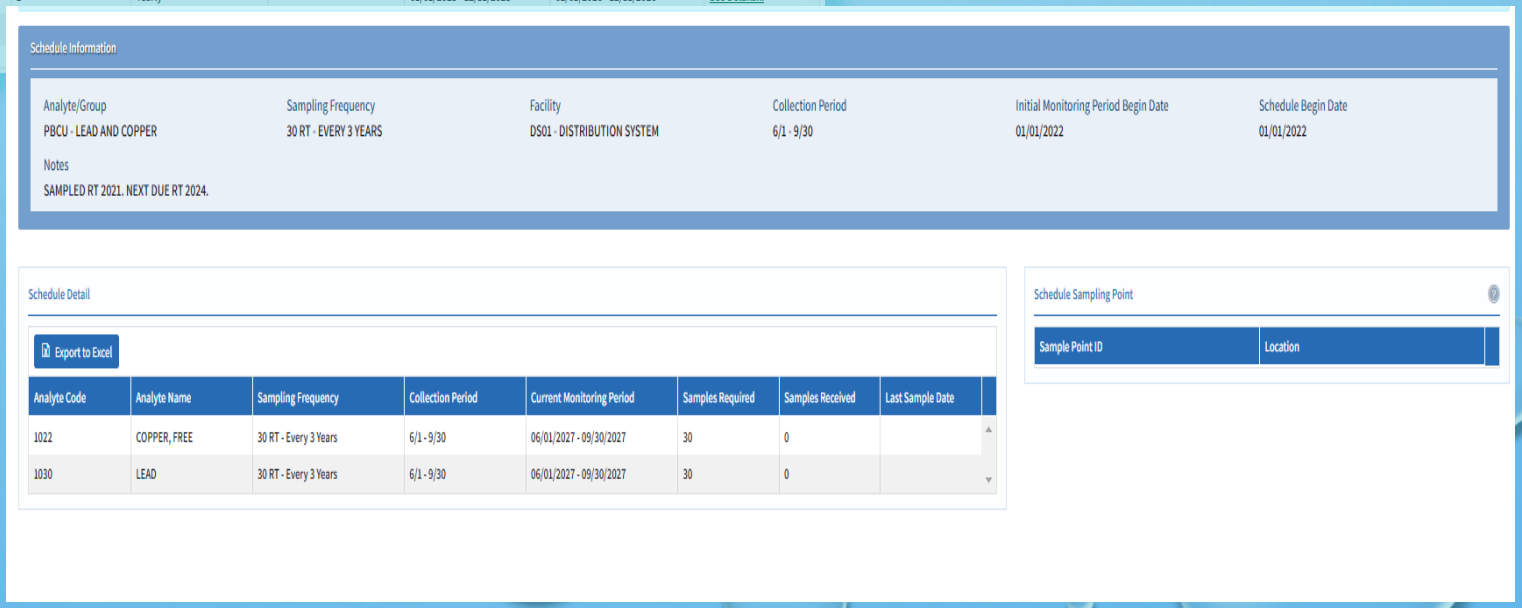


Monitoring Schedules

The “See Details” hyperlink for Lead and Copper

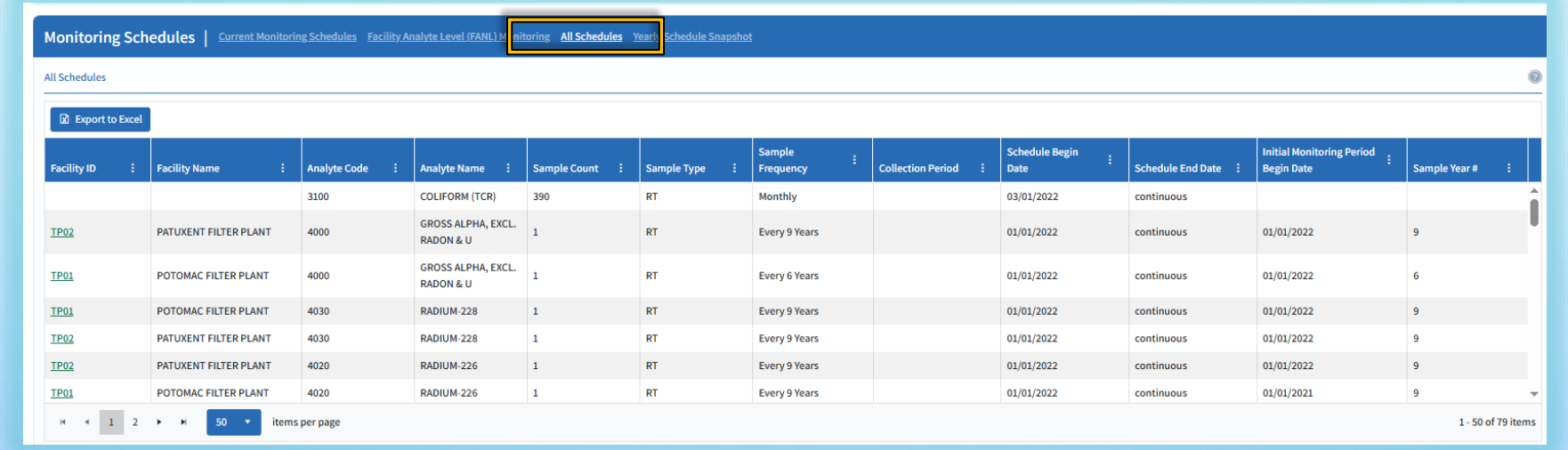


When “See Details” is selected for Lead and Copper it shows the current monitoring period, samples required, samples received, etc.



Monitoring Schedules

All Schedule Table combines all required sampling information



Monitoring Schedules | Current Monitoring Schedules | Facility Analyte Level (FANL) Monitoring | All Schedules | Yearly Schedule Snapshot

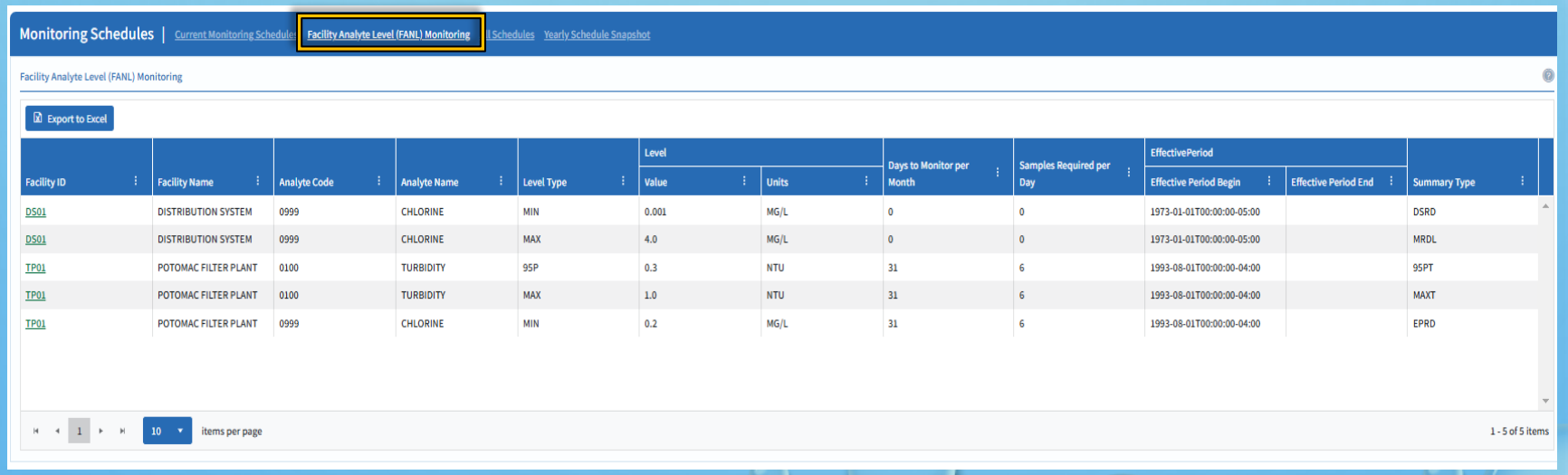
All Schedules

Export to Excel

Facility ID	Facility Name	Analyte Code	Analyte Name	Sample Count	Sample Type	Sample Frequency	Collection Period	Schedule Begin Date	Schedule End Date	Initial Monitoring Period Begin Date	Sample Year #
		3100	COLIFORM (TCR)	390	RT	Monthly		03/01/2022	continuous		
TP02	PATUXENT FILTER PLANT	4000	GROSS ALPHA, EXCL. RADON & U	1	RT	Every 9 Years		01/01/2022	continuous	01/01/2022	9
TP01	POTOMAC FILTER PLANT	4000	GROSS ALPHA, EXCL. RADON & U	1	RT	Every 6 Years		01/01/2022	continuous	01/01/2022	6
TP01	POTOMAC FILTER PLANT	4030	RADIUM-228	1	RT	Every 9 Years		01/01/2022	continuous	01/01/2022	9
TP02	PATUXENT FILTER PLANT	4030	RADIUM-228	1	RT	Every 9 Years		01/01/2022	continuous	01/01/2022	9
TP02	PATUXENT FILTER PLANT	4020	RADIUM-226	1	RT	Every 9 Years		01/01/2022	continuous	01/01/2022	9
TP01	POTOMAC FILTER PLANT	4020	RADIUM-226	1	RT	Every 9 Years		01/01/2022	continuous	01/01/2021	9

1 2 50 items per page 1 - 50 of 79 items

Facility Analyte Level Monitoring Table shows the FANL level set for the Water System



Monitoring Schedules | Current Monitoring Schedules | Facility Analyte Level (FANL) Monitoring | Schedules | Yearly Schedule Snapshot

Facility Analyte Level (FANL) Monitoring

Export to Excel

Facility ID	Facility Name	Analyte Code	Analyte Name	Level Type	Level		Days to Monitor per Month	Samples Required per Day	EffectivePeriod		Summary Type
					Value	Units			Effective Period Begin	Effective Period End	
DS01	DISTRIBUTION SYSTEM	0999	CHLORINE	MIN	0.001	MG/L	0	0	1973-01-01T00:00:00-05:00		DSRD
DS01	DISTRIBUTION SYSTEM	0999	CHLORINE	MAX	4.0	MG/L	0	0	1973-01-01T00:00:00-05:00		MRDL
TP01	POTOMAC FILTER PLANT	0100	TURBIDITY	95P	0.3	NTU	31	6	1993-08-01T00:00:00-04:00		95PT
TP01	POTOMAC FILTER PLANT	0100	TURBIDITY	MAX	1.0	NTU	31	6	1993-08-01T00:00:00-04:00		MAXT
TP01	POTOMAC FILTER PLANT	0999	CHLORINE	MIN	0.2	MG/L	31	6	1993-08-01T00:00:00-04:00		EPRD

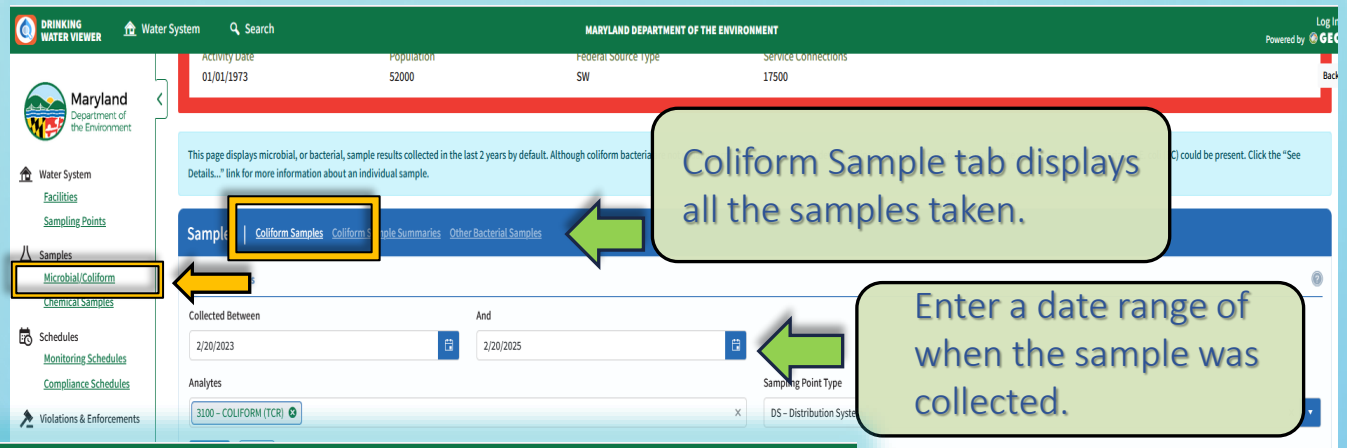
1 10 items per page 1 - 5 of 5 items

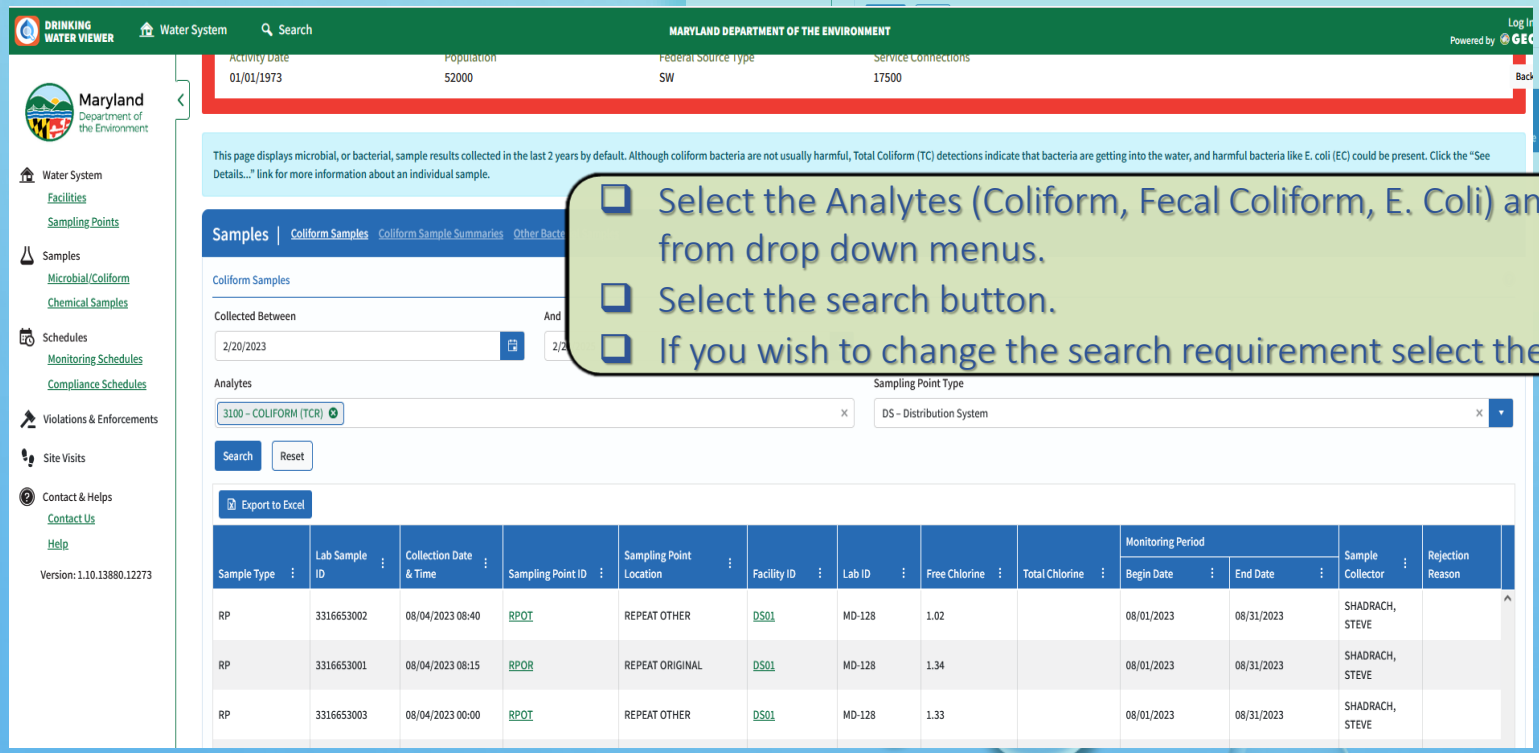
Monitoring Schedules

The Yearly Schedule tab shows a visual representation of monitoring thorough out the year and can be exported as a PDF.

Microbial / Coliform Samples

Select Microbial / Coliform Samples from the drop-down menu from the Menu icon. The newest samples are shown first. Below is the Coliform Samples Table showing each lab report.

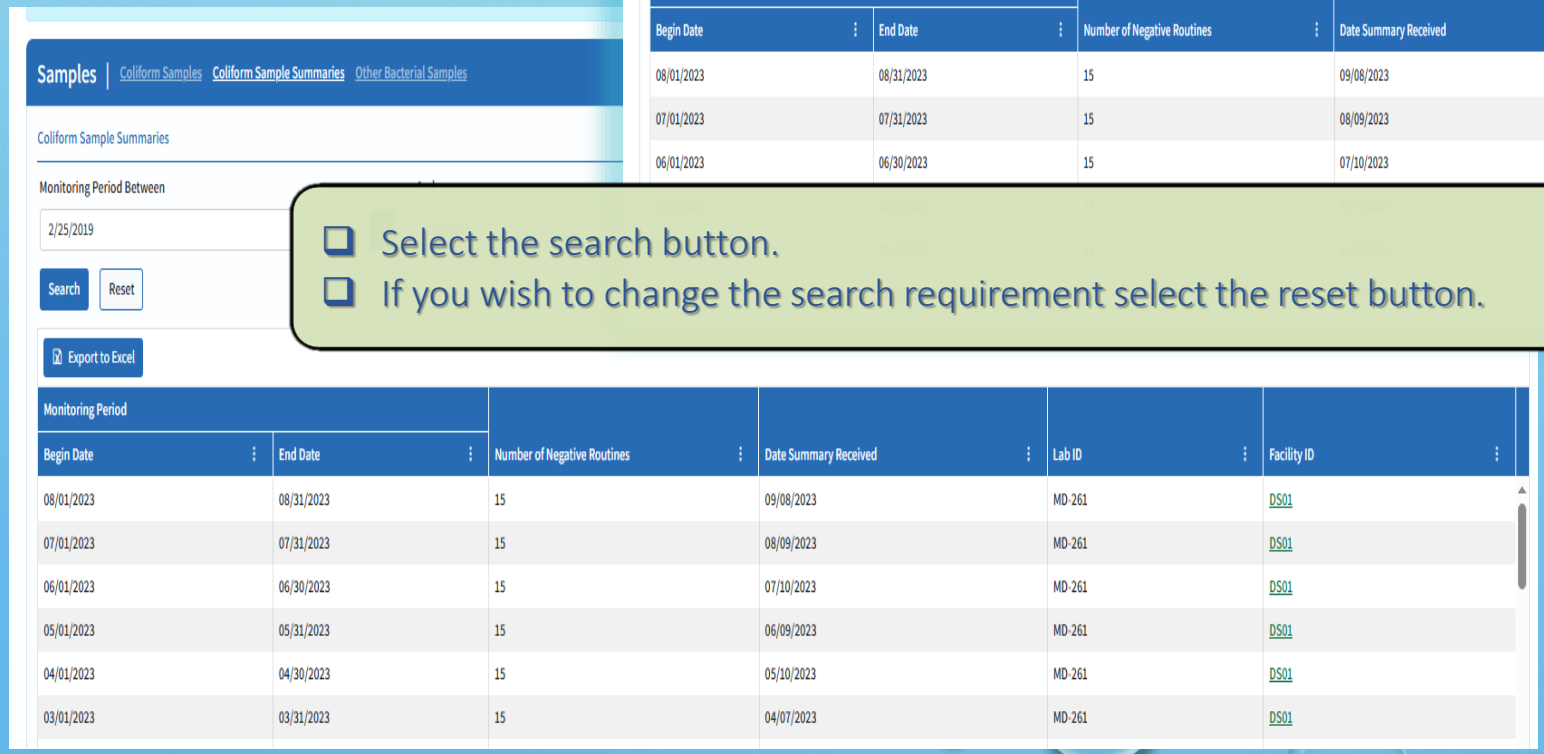


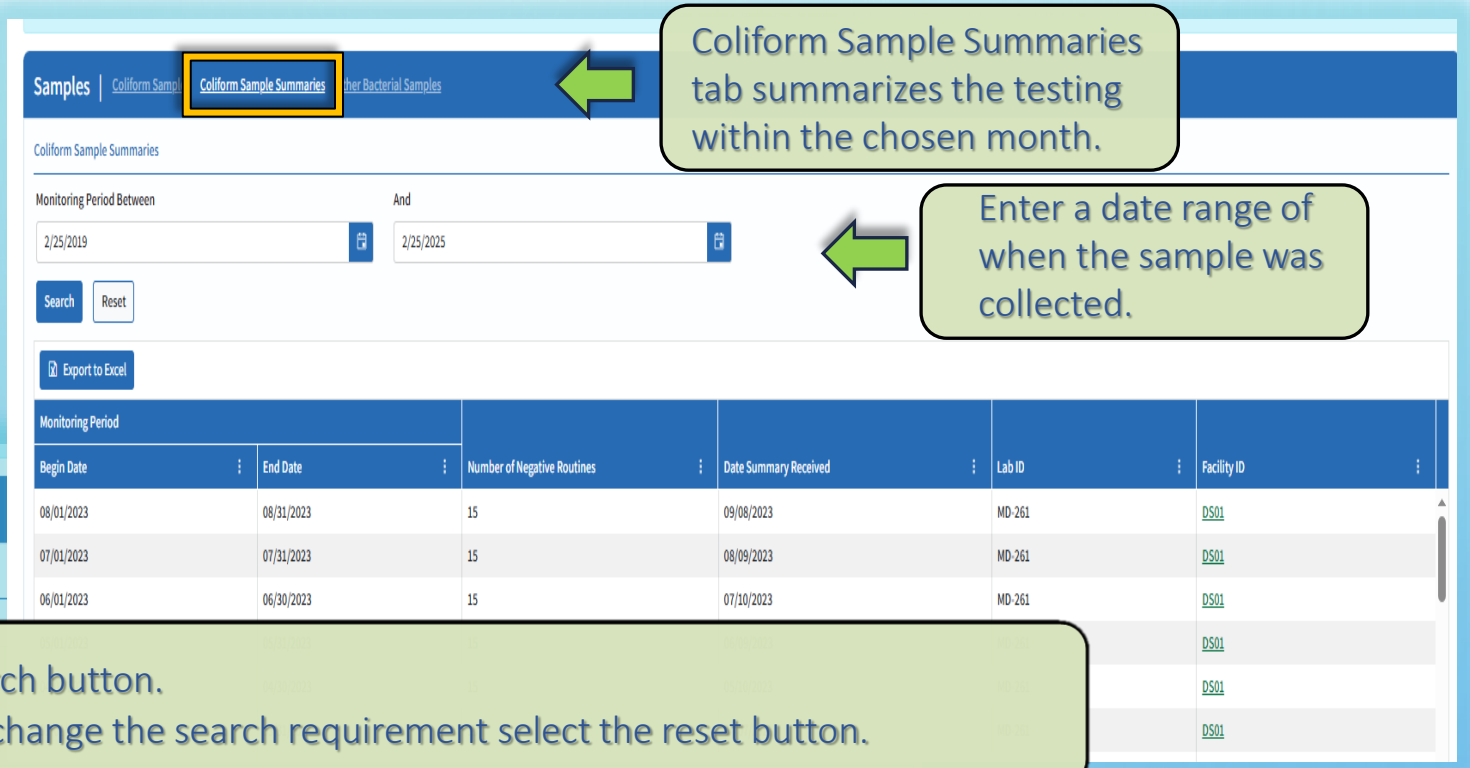


Sample Type	Lab Sample ID	Collection Date & Time	Sampling Point ID	Sampling Point Location	Facility ID	Lab ID	Free Chlorine	Total Chlorine	Monitoring Period Begin Date	Monitoring Period End Date	Sample Collector	Rejection Reason
RP	3316653002	08/04/2023 08:40	RPOT	REPEAT OTHER	DS01	MD-128	1.02		08/01/2023	08/31/2023	SHADRACH, STEVE	
RP	3316653001	08/04/2023 08:15	RPOR	REPEAT ORIGINAL	DS01	MD-128	1.34		08/01/2023	08/31/2023	SHADRACH, STEVE	
RP	3316653003	08/04/2023 00:00	RPOT	REPEAT OTHER	DS01	MD-128	1.33		08/01/2023	08/31/2023	SHADRACH, STEVE	

Microbial / Coliform Samples

Another common search used is the Sample Selection is Coliform Sample Summaries. The Table shows the monitoring period and number of negative routines.





Coliform Sample Summaries tab summarizes the testing within the chosen month.

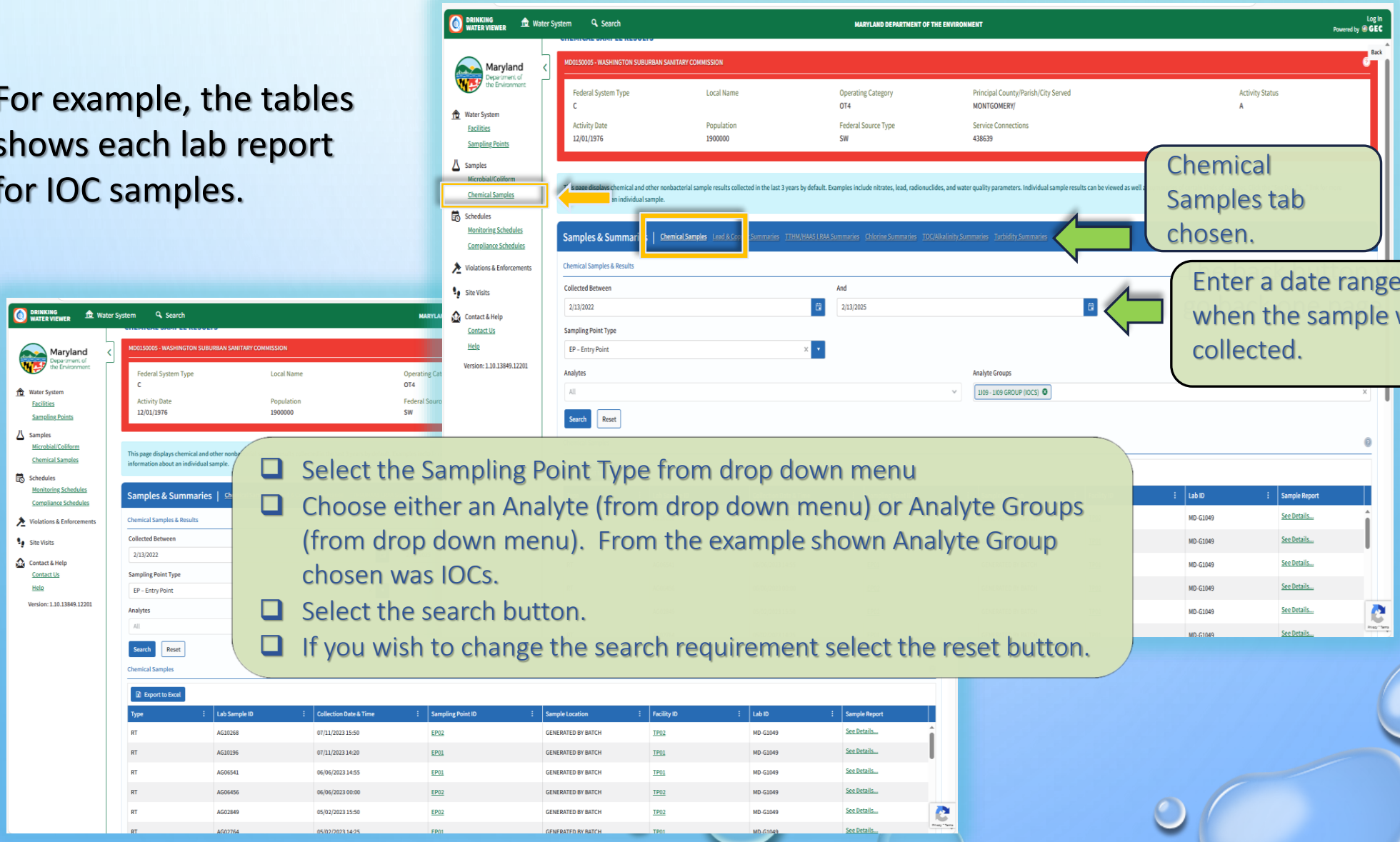
Enter a date range of when the sample was collected.

- Select the search button.
- If you wish to change the search requirement select the reset button.

Chemical Samples

Select Chemical Samples from the drop-down menu from the Menu icon. The newest samples are shown first.

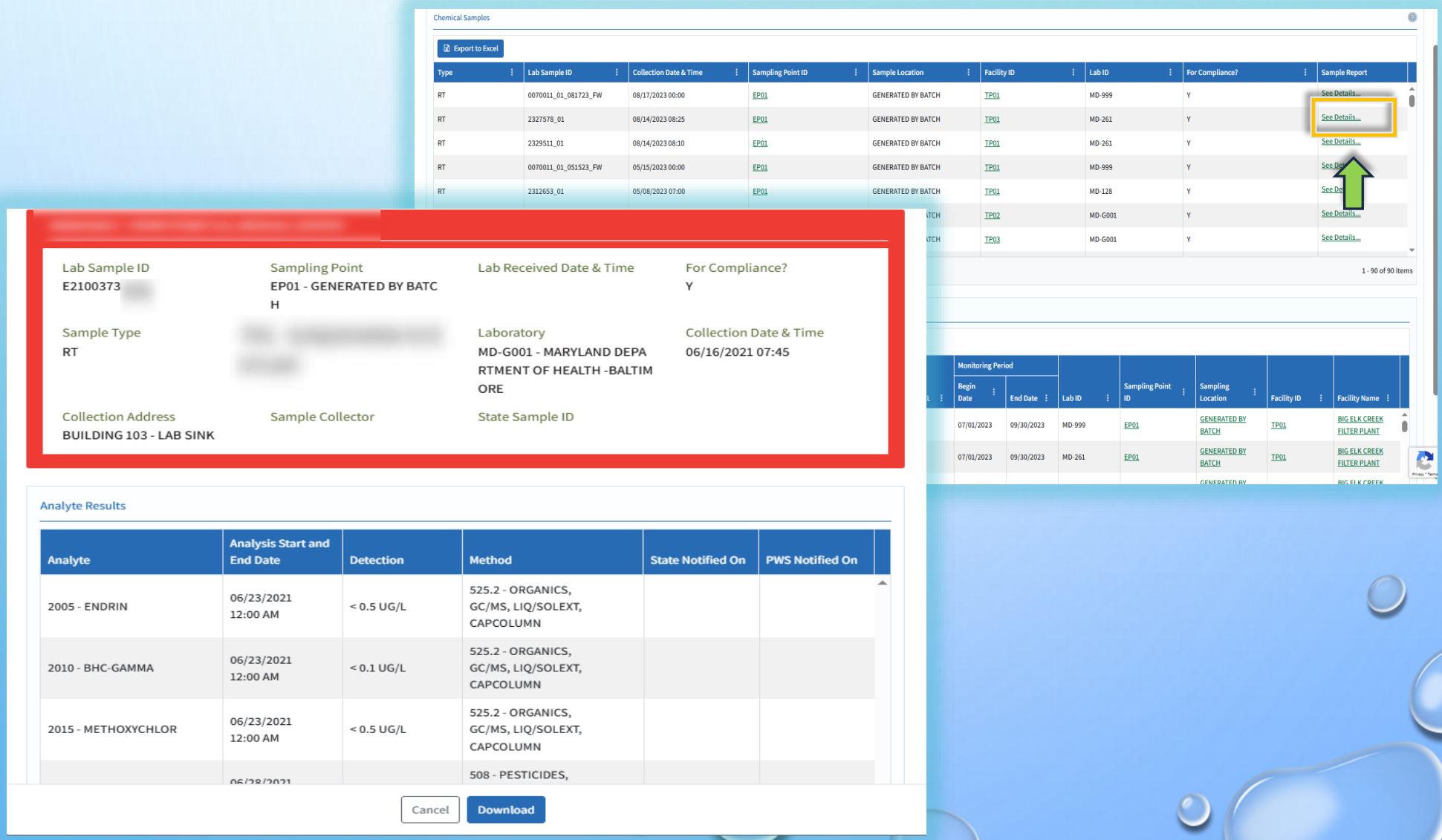
For example, the tables shows each lab report for IOC samples.



- ❑ Select the Sampling Point Type from drop down menu
- ❑ Choose either an Analyte (from drop down menu) or Analyte Groups (from drop down menu). From the example shown Analyte Group chosen was IOCs.
- ❑ Select the search button.
- ❑ If you wish to change the search requirement select the reset button.

Chemical Samples

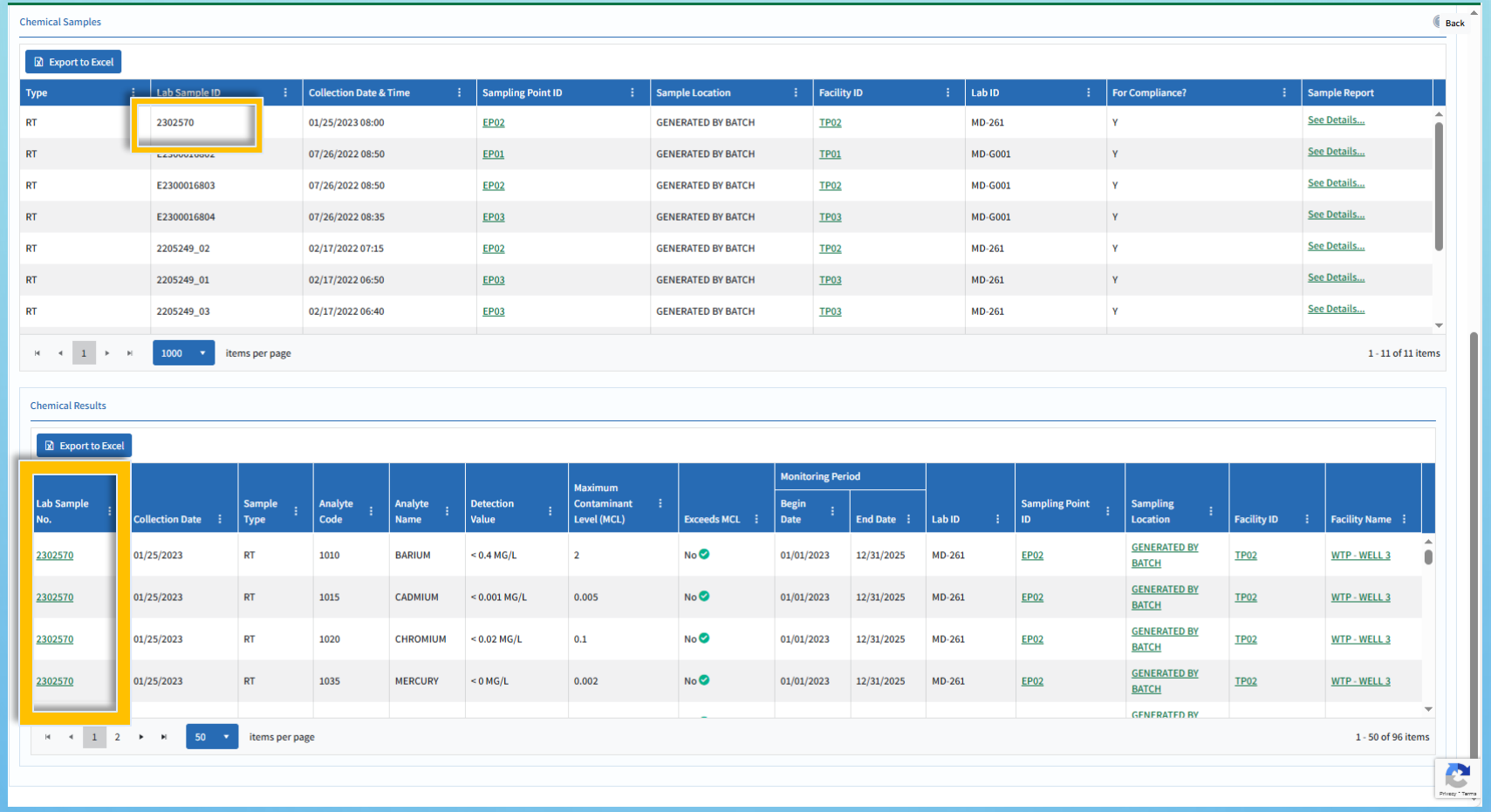
In the same example, when “See Details” is selected a pop-up screen will show the corresponding lab report and the option to download a pdf version of the report.



Chemical Samples

Note that the Lab Sample has the details of the report on the bottom screen

For example, Lab Sample No. 2302570 has the report details on the bottom screen.



Chemical Samples

Back

Export to Excel

Type	Lab Sample ID	Collection Date & Time	Sampling Point ID	Sample Location	Facility ID	Lab ID	For Compliance?	Sample Report
RT	2302570	01/25/2023 08:00	EP02	GENERATED BY BATCH	TP02	MD-261	Y	See Details...
RT	[illegible]	07/26/2022 08:50	EP01	GENERATED BY BATCH	TP01	MD-G001	Y	See Details...
RT	E2300016803	07/26/2022 08:50	EP02	GENERATED BY BATCH	TP02	MD-G001	Y	See Details...
RT	E2300016804	07/26/2022 08:35	EP03	GENERATED BY BATCH	TP03	MD-G001	Y	See Details...
RT	2205249_02	02/17/2022 07:15	EP02	GENERATED BY BATCH	TP02	MD-261	Y	See Details...
RT	2205249_01	02/17/2022 06:50	EP03	GENERATED BY BATCH	TP03	MD-261	Y	See Details...
RT	2205249_03	02/17/2022 06:40	EP03	GENERATED BY BATCH	TP03	MD-261	Y	See Details...

1 1000 items per page 1 - 11 of 11 items

Chemical Results

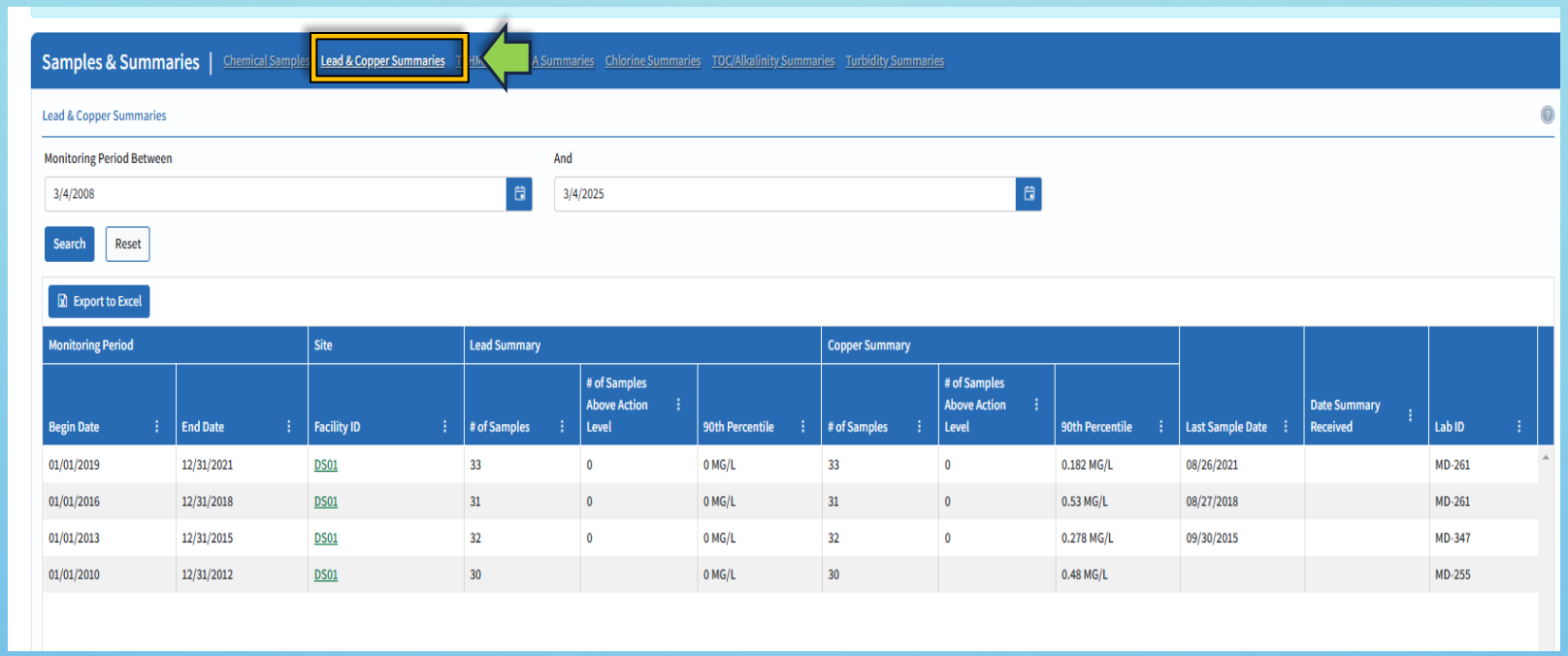
Export to Excel

Lab Sample No.	Collection Date	Sample Type	Analyte Code	Analyte Name	Detection Value	Maximum Contaminant Level (MCL)	Exceeds MCL	Monitoring Period		Lab ID	Sampling Point ID	Sampling Location	Facility ID	Facility Name
								Begin Date	End Date					
2302570	01/25/2023	RT	1010	BARIUM	< 0.4 MG/L	2	No	01/01/2023	12/31/2025	MD-261	EP02	GENERATED BY BATCH	TP02	WTP - WELL 3
2302570	01/25/2023	RT	1015	CADMIUM	< 0.001 MG/L	0.005	No	01/01/2023	12/31/2025	MD-261	EP02	GENERATED BY BATCH	TP02	WTP - WELL 3
2302570	01/25/2023	RT	1020	CHROMIUM	< 0.02 MG/L	0.1	No	01/01/2023	12/31/2025	MD-261	EP02	GENERATED BY BATCH	TP02	WTP - WELL 3
2302570	01/25/2023	RT	1035	MERCURY	< 0 MG/L	0.002	No	01/01/2023	12/31/2025	MD-261	EP02	GENERATED BY BATCH	TP02	WTP - WELL 3

1 2 50 items per page 1 - 50 of 96 items

Chemical Samples

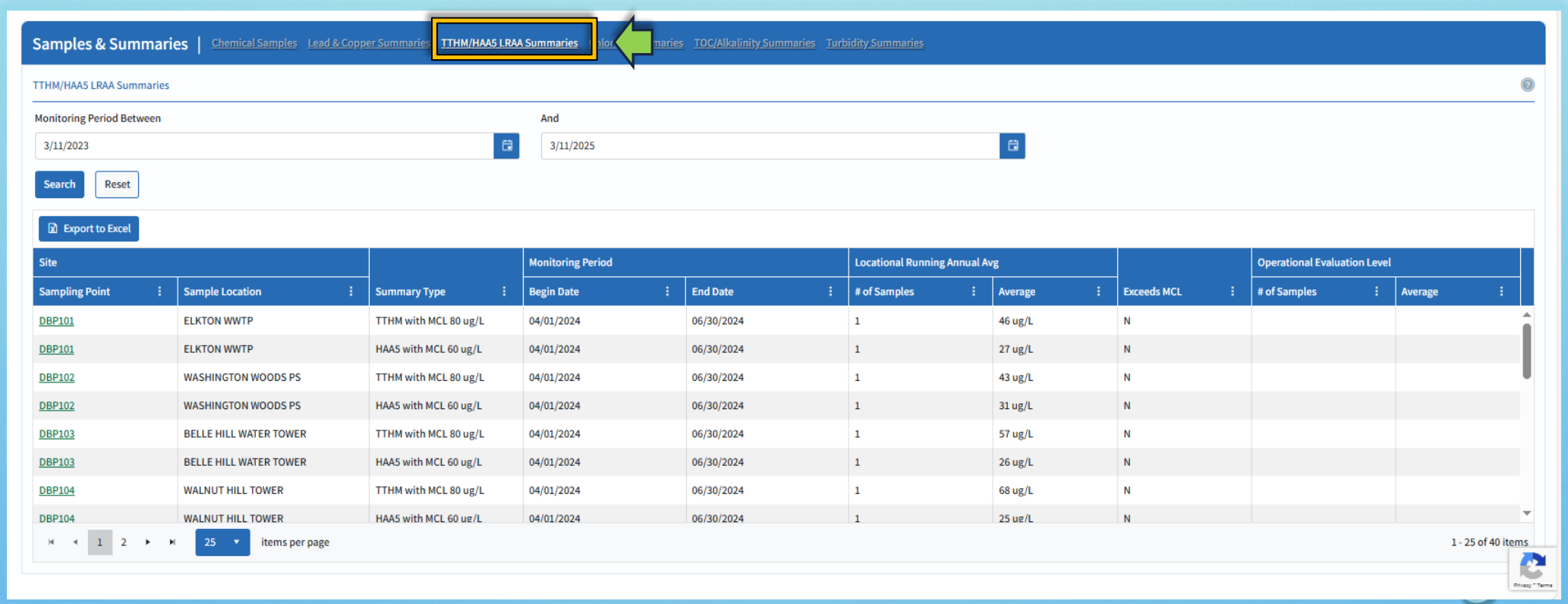
The Lead and Copper Summaries shows the last sample date and when the samples are due. The table separates Lead samples and Copper samples.



Monitoring Period		Site	Lead Summary			Copper Summary			Last Sample Date	Date Summary Received	Lab ID
Begin Date	End Date	Facility ID	# of Samples	# of Samples Above Action Level	90th Percentile	# of Samples	# of Samples Above Action Level	90th Percentile			
01/01/2019	12/31/2021	DS01	33	0	0 MG/L	33	0	0.182 MG/L	08/26/2021		MD-261
01/01/2016	12/31/2018	DS01	31	0	0 MG/L	31	0	0.53 MG/L	08/27/2018		MD-261
01/01/2013	12/31/2015	DS01	32	0	0 MG/L	32	0	0.278 MG/L	09/30/2015		MD-347
01/01/2010	12/31/2012	DS01	30		0 MG/L	30		0.48 MG/L			MD-255

Chemical Samples

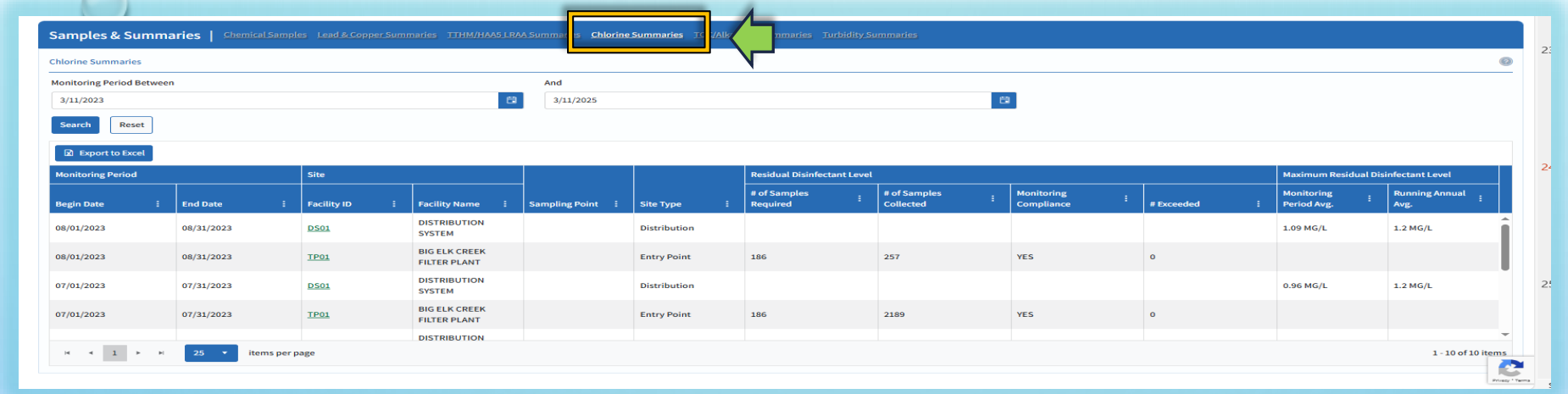
The TTHM / HAA5 LRAA Summaries shows the Monitoring Period (beginning and ending dates) . It also calculates the Locational Running Annual Average (LRAA).



Site			Monitoring Period		Locational Running Annual Avg			Operational Evaluation Level	
Sampling Point	Sample Location	Summary Type	Begin Date	End Date	# of Samples	Average	Exceeds MCL	# of Samples	Average
DBP101	ELKTON WWTP	TTHM with MCL 80 ug/L	04/01/2024	06/30/2024	1	46 ug/L	N		
DBP101	ELKTON WWTP	HAA5 with MCL 60 ug/L	04/01/2024	06/30/2024	1	27 ug/L	N		
DBP102	WASHINGTON WOODS PS	TTHM with MCL 80 ug/L	04/01/2024	06/30/2024	1	43 ug/L	N		
DBP102	WASHINGTON WOODS PS	HAA5 with MCL 60 ug/L	04/01/2024	06/30/2024	1	31 ug/L	N		
DBP103	BELLE HILL WATER TOWER	TTHM with MCL 80 ug/L	04/01/2024	06/30/2024	1	57 ug/L	N		
DBP103	BELLE HILL WATER TOWER	HAA5 with MCL 60 ug/L	04/01/2024	06/30/2024	1	26 ug/L	N		
DBP104	WALNUT HILL TOWER	TTHM with MCL 80 ug/L	04/01/2024	06/30/2024	1	68 ug/L	N		
DBP104	WALNUT HILL TOWER	HAA5 with MCL 60 ug/L	04/01/2024	06/30/2024	1	25 ug/L	N		

Chemical Samples

Below is an example of the Chlorine Summaries Table.



Monitoring Period		Site		Sampling Point	Site Type	Residual Disinfectant Level				Maximum Residual Disinfectant Level	
Begin Date	End Date	Facility ID	Facility Name			# of Samples Required	# of Samples Collected	Monitoring Compliance	# Exceeded	Monitoring Period Avg.	Running Annual Avg.
08/01/2023	08/31/2023	DS01	DISTRIBUTION SYSTEM		Distribution					1.09 MG/L	1.2 MG/L
08/01/2023	08/31/2023	TP01	BIG ELK CREEK FILTER PLANT		Entry Point	186	257	YES	0		
07/01/2023	07/31/2023	DS01	DISTRIBUTION SYSTEM		Distribution					0.96 MG/L	1.2 MG/L
07/01/2023	07/31/2023	TP01	BIG ELK CREEK FILTER PLANT		Entry Point	186	2189	YES	0		
			DISTRIBUTION								

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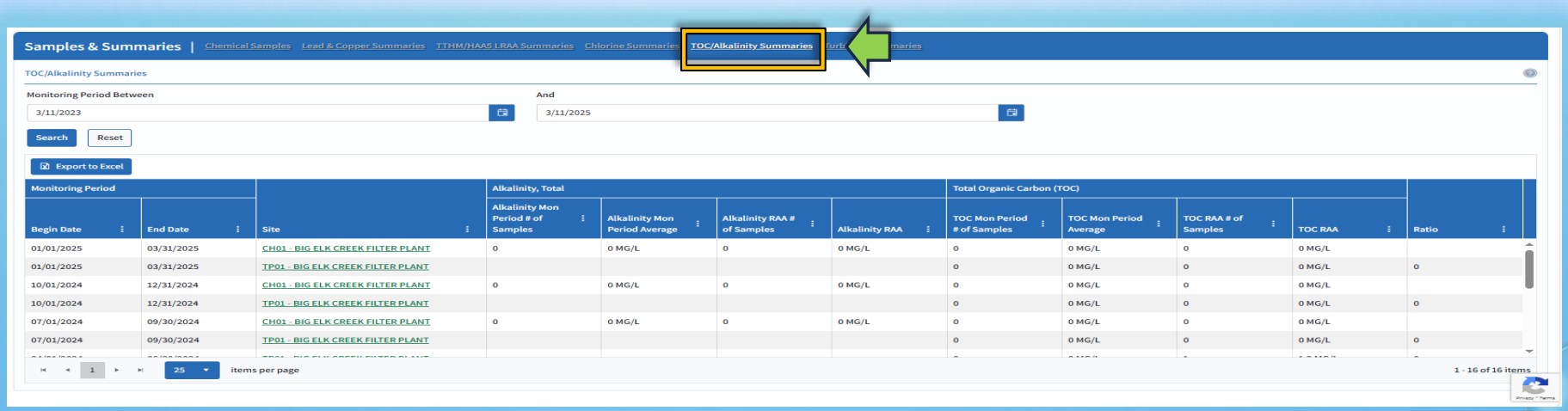
Below is an example of the TOC / Alkalinity Summaries Table.

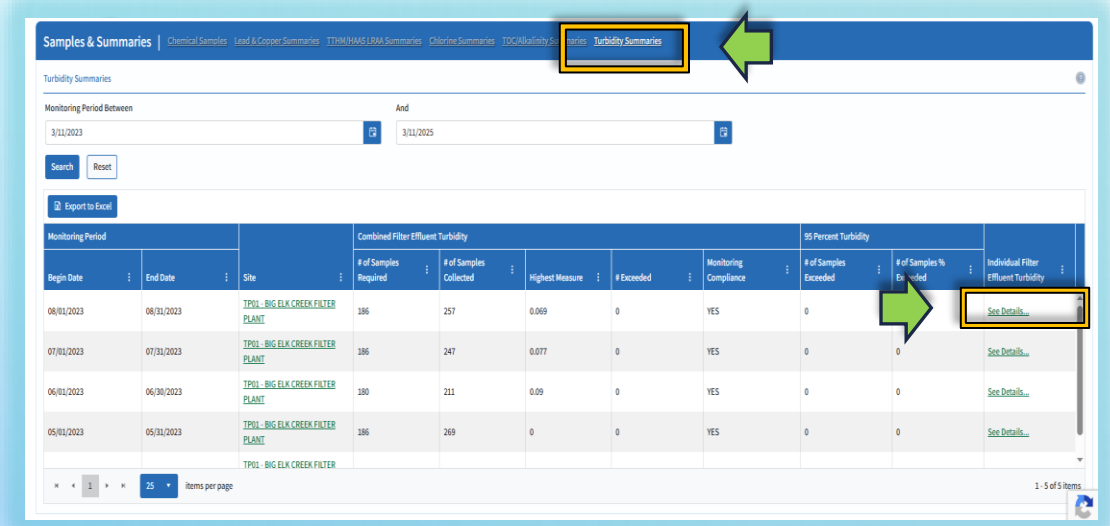


Monitoring Period		Site	Alkalinity, Total				Total Organic Carbon (TOC)				Ratio
Begin Date	End Date		Alkalinity Mon Period # of Samples	Alkalinity Mon Period Average	Alkalinity RAA # of Samples	Alkalinity RAA	TOC Mon Period # of Samples	TOC Mon Period Average	TOC RAA # of Samples	TOC RAA	
01/01/2025	03/31/2025	CH01 - BIG ELK CREEK FILTER PLANT	0	0 MG/L	0	0 MG/L	0	0 MG/L	0	0 MG/L	
01/01/2025	03/31/2025	TP01 - BIG ELK CREEK FILTER PLANT					0	0 MG/L	0	0 MG/L	0
10/01/2024	12/31/2024	CH01 - BIG ELK CREEK FILTER PLANT	0	0 MG/L	0	0 MG/L	0	0 MG/L	0	0 MG/L	
10/01/2024	12/31/2024	TP01 - BIG ELK CREEK FILTER PLANT					0	0 MG/L	0	0 MG/L	0
07/01/2024	09/30/2024	CH01 - BIG ELK CREEK FILTER PLANT	0	0 MG/L	0	0 MG/L	0	0 MG/L	0	0 MG/L	
07/01/2024	09/30/2024	TP01 - BIG ELK CREEK FILTER PLANT					0	0 MG/L	0	0 MG/L	0

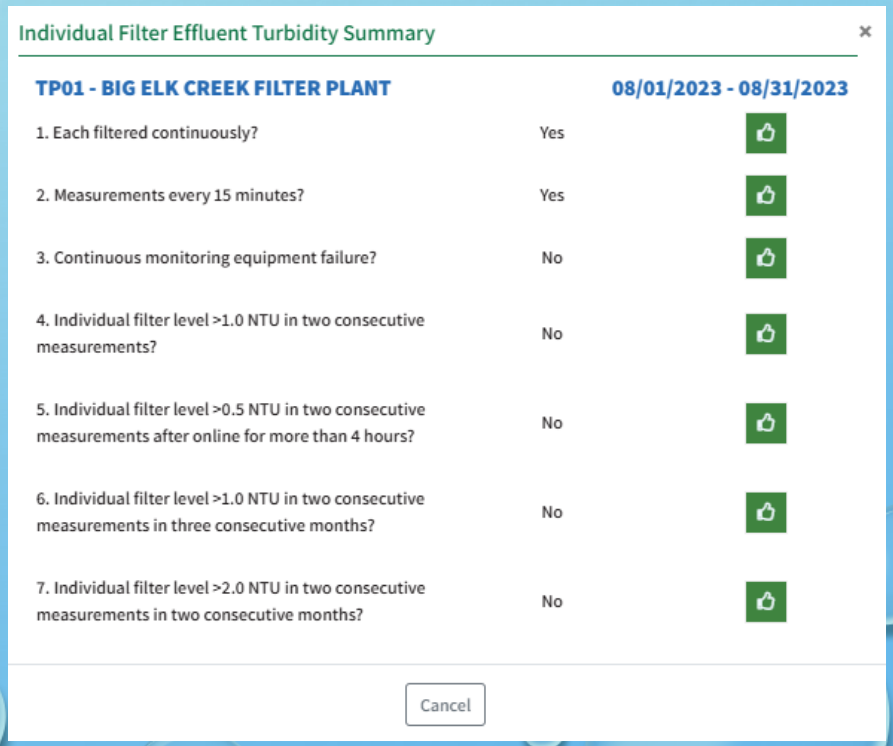
1 - 16 of 16 items

Chemical Samples

Below is an example of the Turbidity Summaries Table.

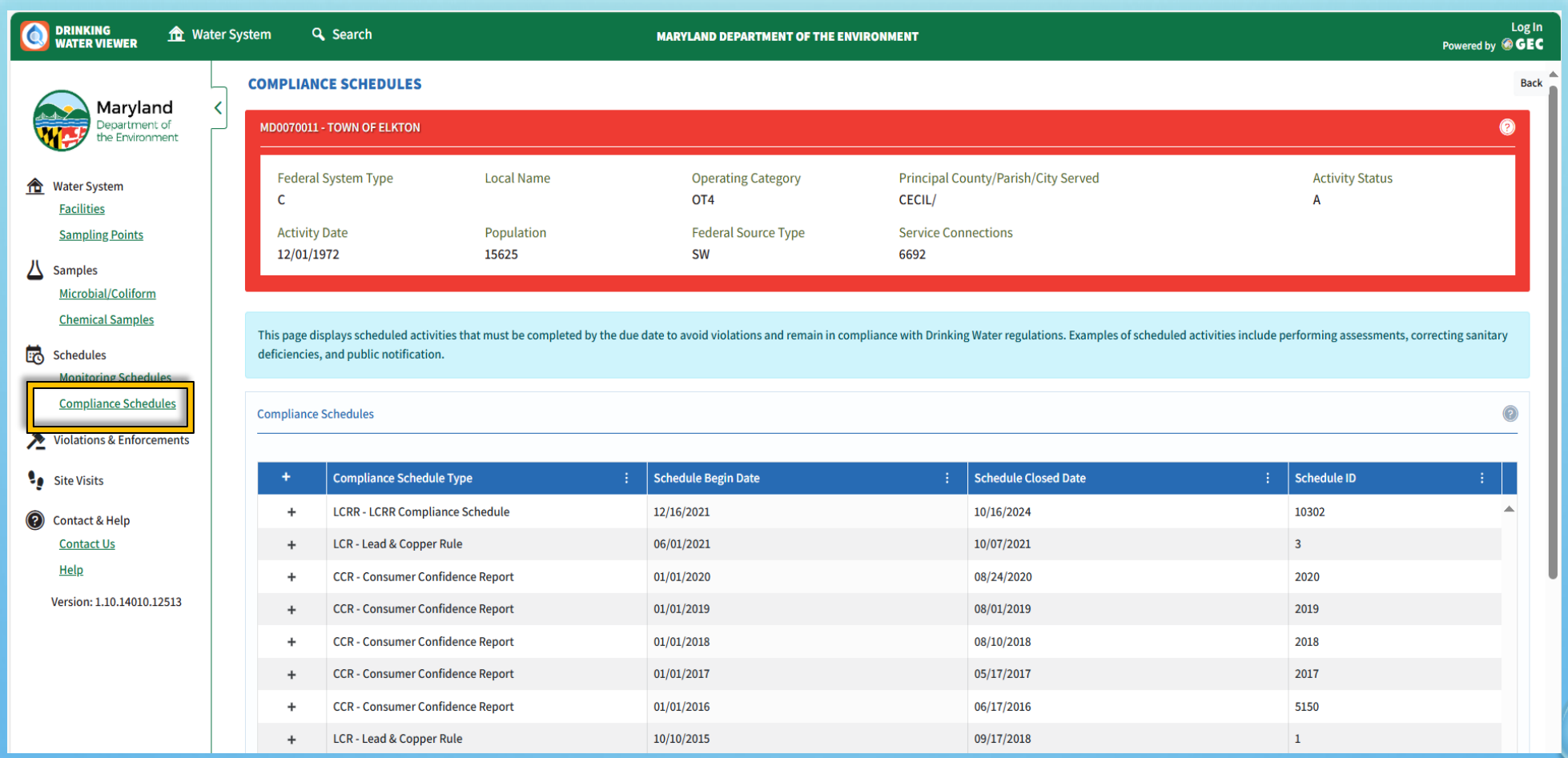


When “See Details” is selected a table is displayed showing individual filter effluent turbidity summary for that month.



Compliance Schedules

Below is an example of the Compliance Schedule.

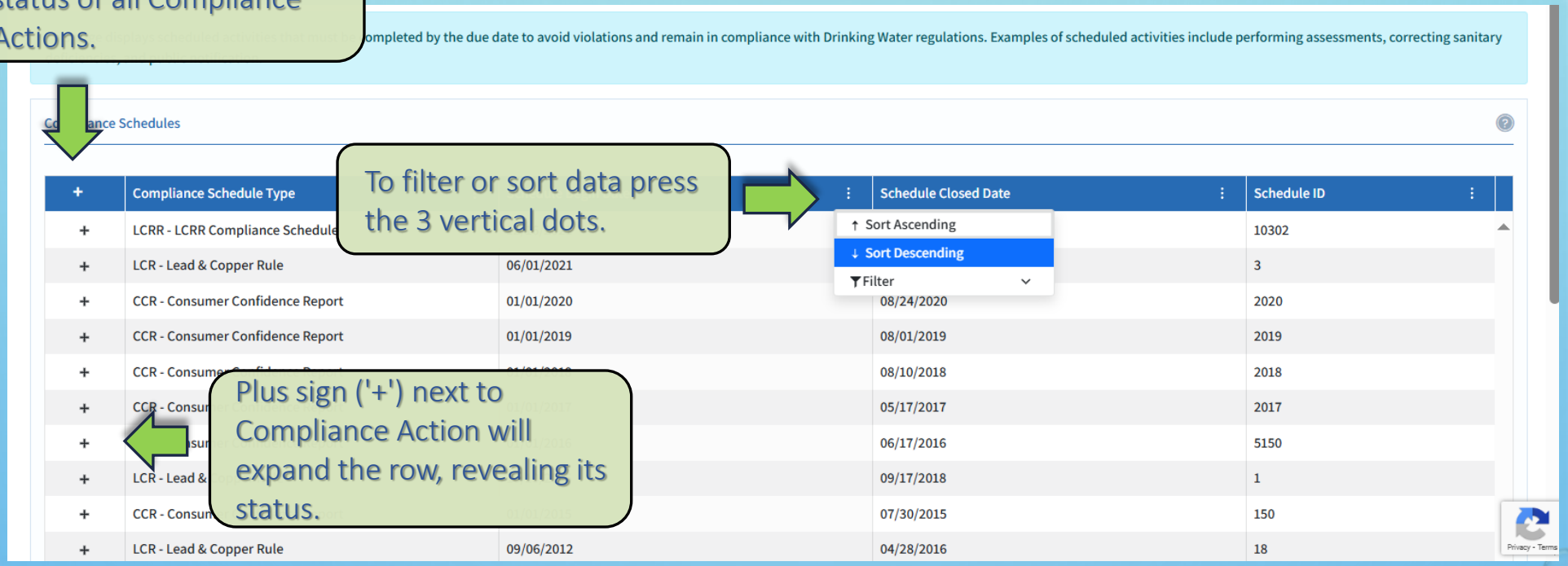


+	Compliance Schedule Type	Schedule Begin Date	Schedule Closed Date	Schedule ID
+	LCRR - LCRR Compliance Schedule	12/16/2021	10/16/2024	10302
+	LCR - Lead & Copper Rule	06/01/2021	10/07/2021	3
+	CCR - Consumer Confidence Report	01/01/2020	08/24/2020	2020
+	CCR - Consumer Confidence Report	01/01/2019	08/01/2019	2019
+	CCR - Consumer Confidence Report	01/01/2018	08/10/2018	2018
+	CCR - Consumer Confidence Report	01/01/2017	05/17/2017	2017
+	CCR - Consumer Confidence Report	01/01/2016	06/17/2016	5150
+	LCR - Lead & Copper Rule	10/10/2015	09/17/2018	1

Compliance Schedules

How to navigate the Compliance Schedule Screen

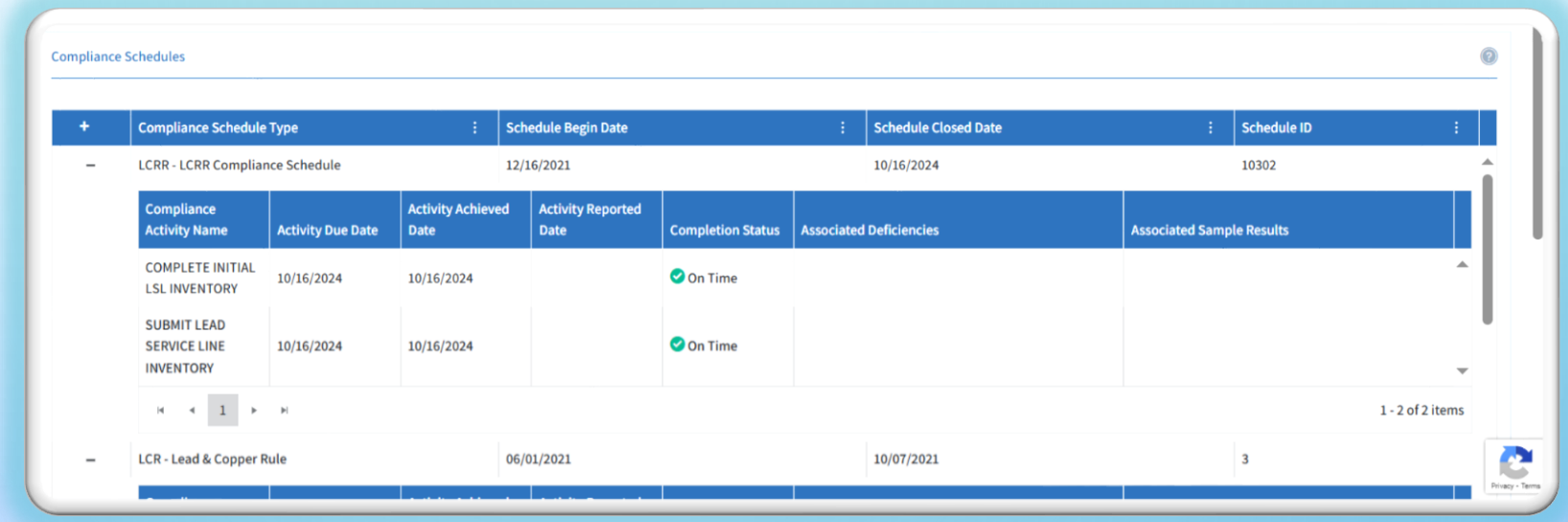
Blue plus sign ('+') on the header will display the status of all Compliance Actions.



+	Compliance Schedule Type		Schedule Closed Date	Schedule ID
+	LCRR - LCRR Compliance Schedule			10302
+	LCR - Lead & Copper Rule	06/01/2021		3
+	CCR - Consumer Confidence Report	01/01/2020	08/24/2020	2020
+	CCR - Consumer Confidence Report	01/01/2019	08/01/2019	2019
+	CCR - Consume		08/10/2018	2018
+	CCR - Consu		05/17/2017	2017
+	su		06/17/2016	5150
+	LCR - Lead &		09/17/2018	1
+	CCR - Consu		07/30/2015	150
+	LCR - Lead & Copper Rule	09/06/2012	04/28/2016	18

Compliance Schedules

Example of Expanded Rows



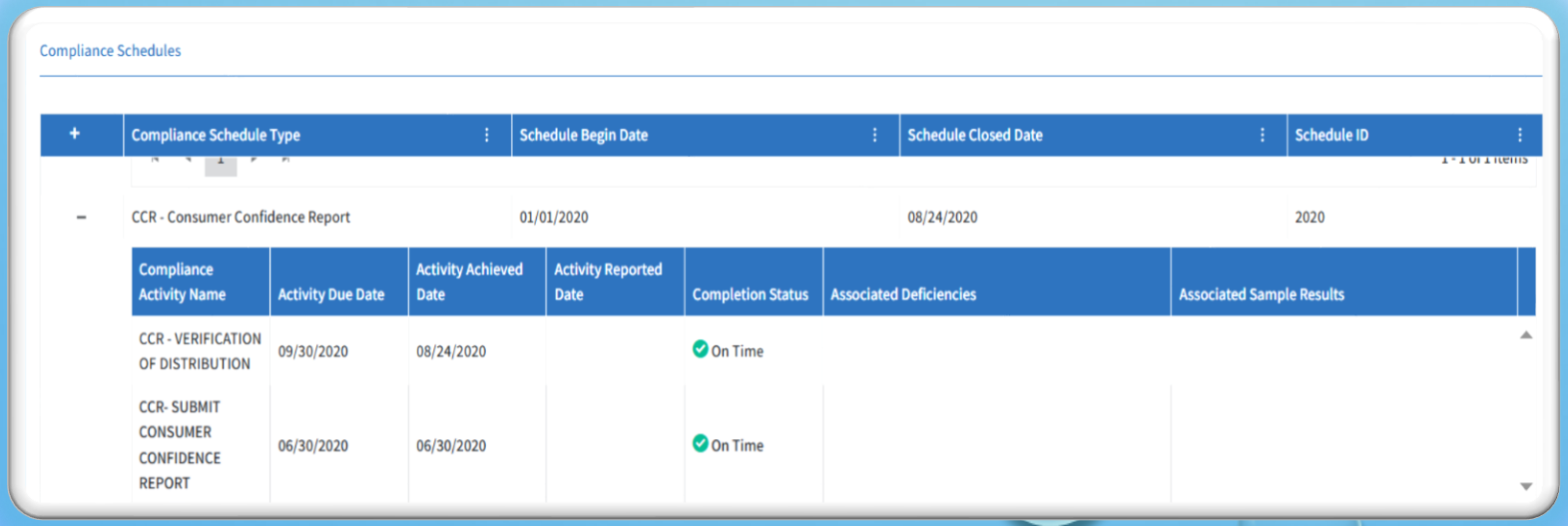
Compliance Schedules

+	Compliance Schedule Type	Schedule Begin Date	Schedule Closed Date	Schedule ID
−	LCRR - LCRR Compliance Schedule	12/16/2021	10/16/2024	10302

Compliance Activity Name	Activity Due Date	Activity Achieved Date	Activity Reported Date	Completion Status	Associated Deficiencies	Associated Sample Results
COMPLETE INITIAL LSL INVENTORY	10/16/2024	10/16/2024		On Time		
SUBMIT LEAD SERVICE LINE INVENTORY	10/16/2024	10/16/2024		On Time		

1 - 2 of 2 items

−	LCR - Lead & Copper Rule	06/01/2021	10/07/2021	3



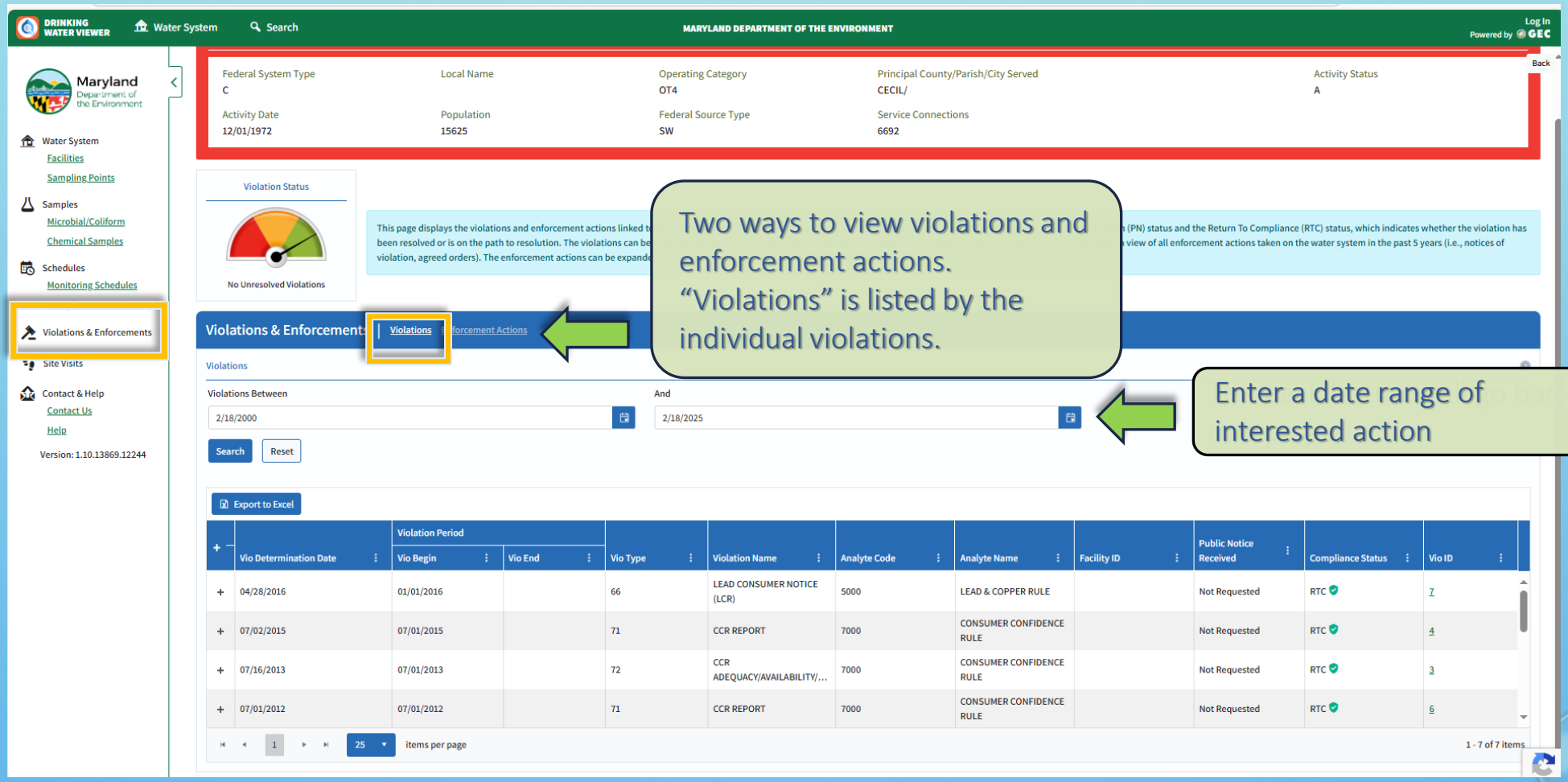
Compliance Schedules

+	Compliance Schedule Type	Schedule Begin Date	Schedule Closed Date	Schedule ID
−	CCR - Consumer Confidence Report	01/01/2020	08/24/2020	2020

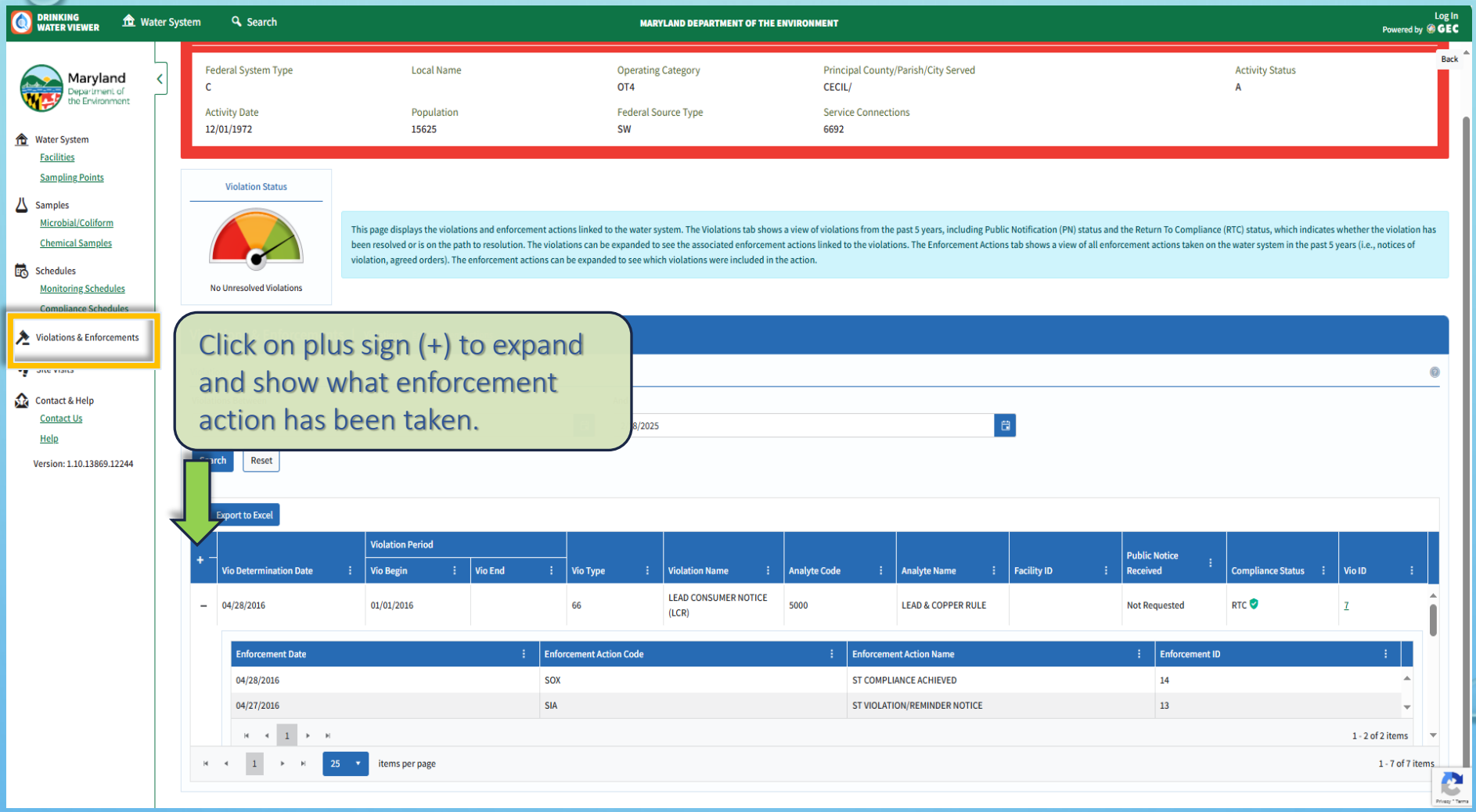
Compliance Activity Name	Activity Due Date	Activity Achieved Date	Activity Reported Date	Completion Status	Associated Deficiencies	Associated Sample Results
CCR - VERIFICATION OF DISTRIBUTION	09/30/2020	08/24/2020		On Time		
CCR- SUBMIT CONSUMER CONFIDENCE REPORT	06/30/2020	06/30/2020		On Time		

Violations & Enforcement

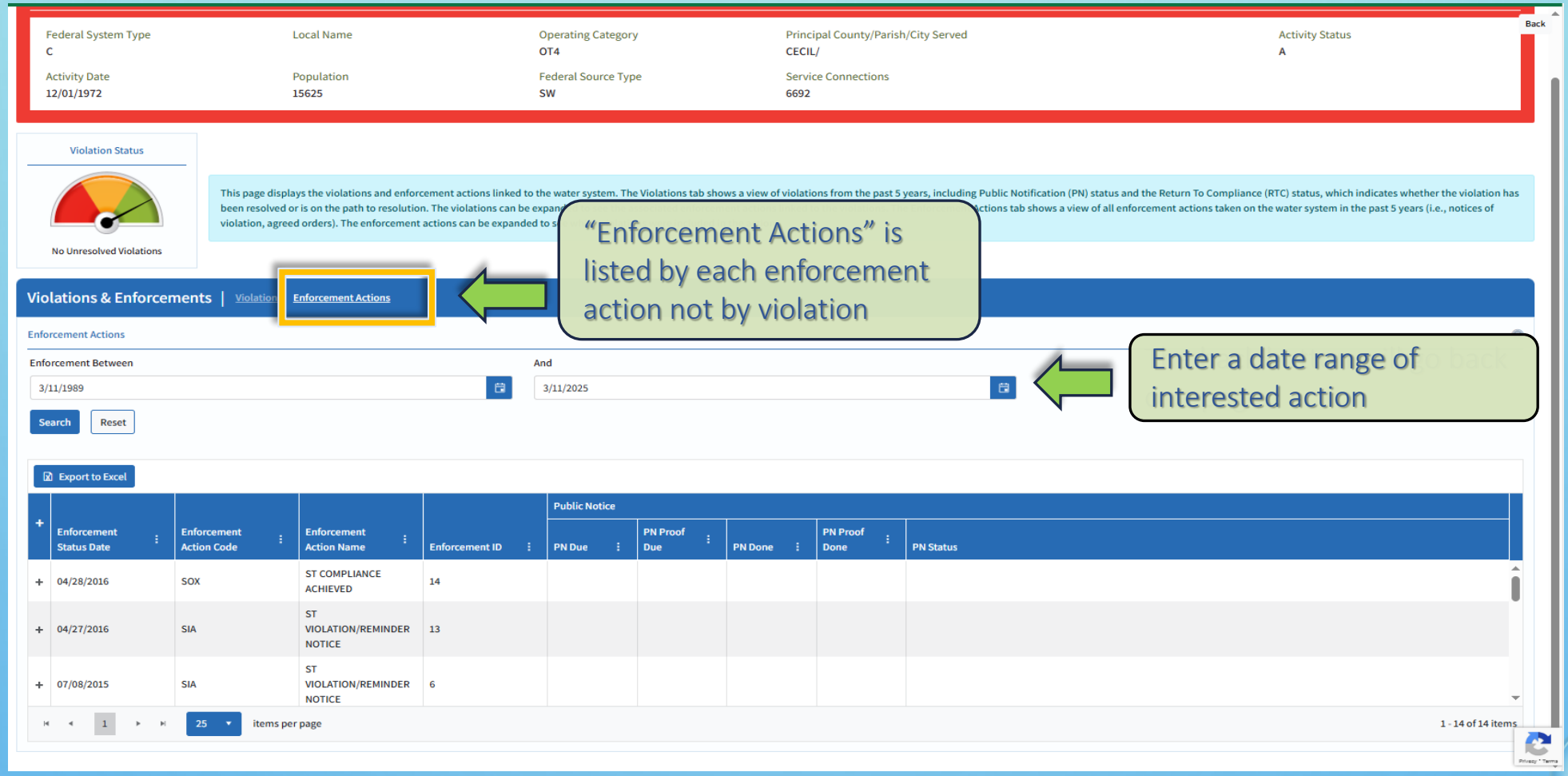
Select Violations & Enforcement from the drop-down menu from the Menu icon.



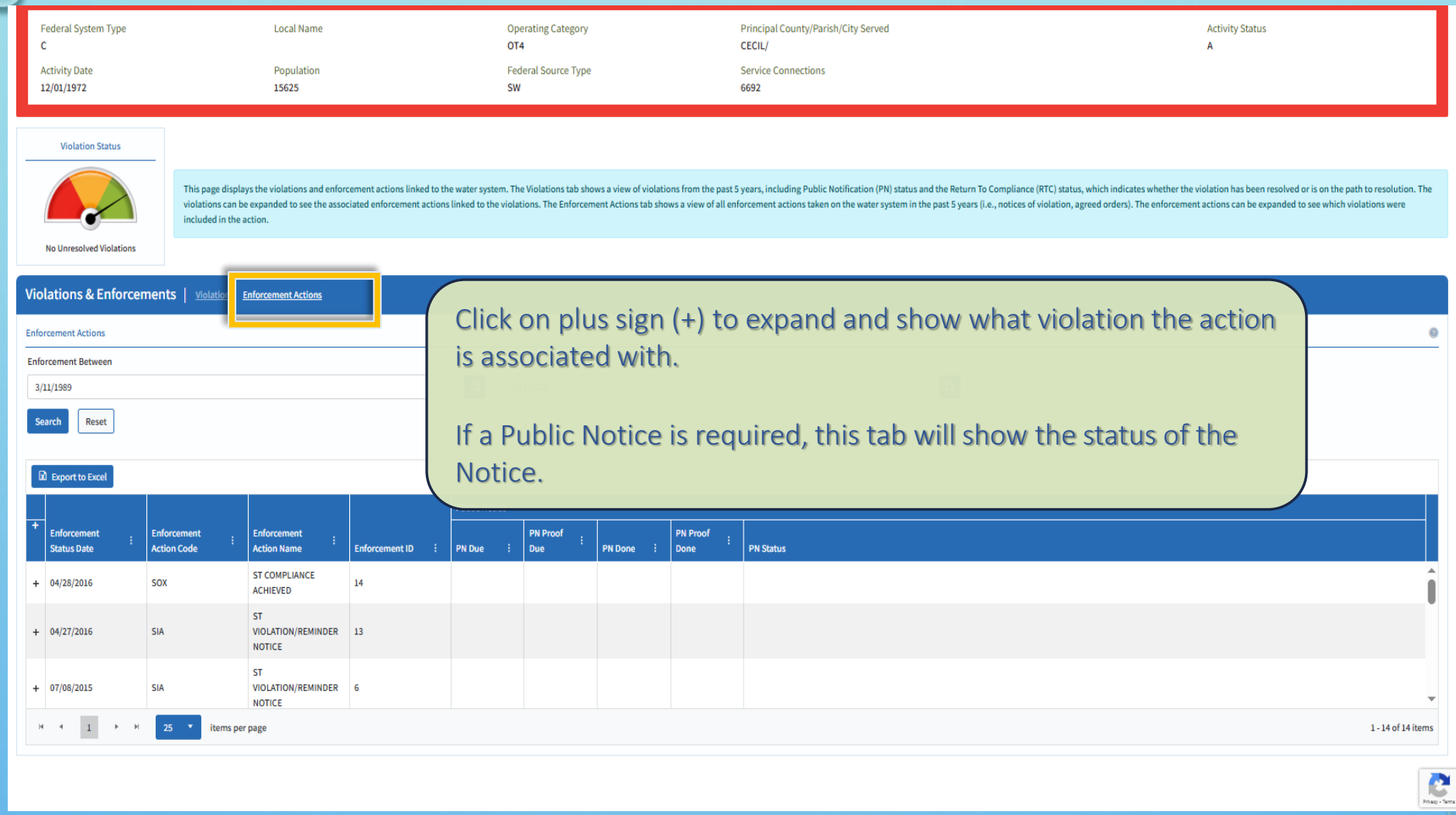
Violations & Enforcement



Violations & Enforcement



Violations & Enforcement

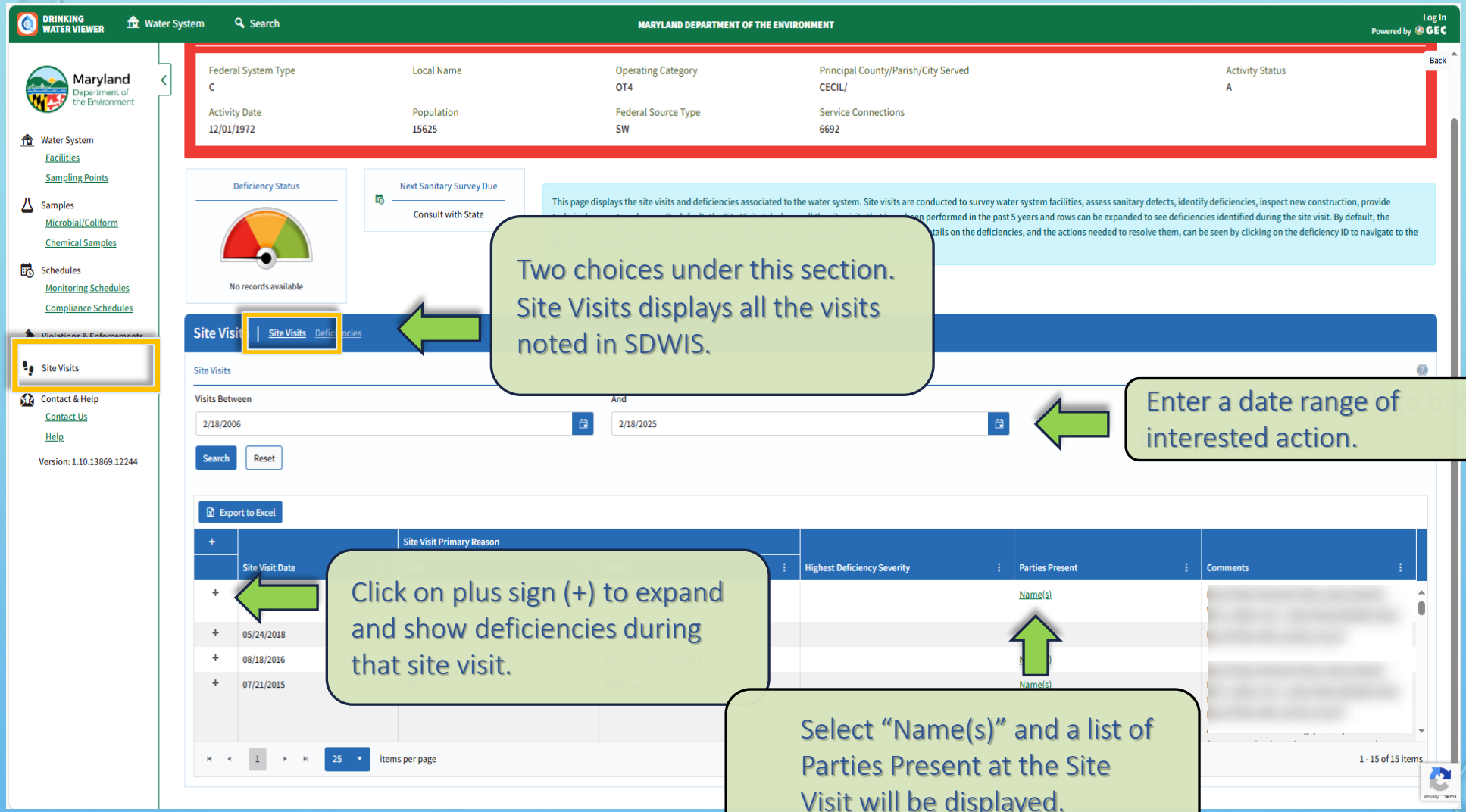


Click on plus sign (+) to expand and show what violation the action is associated with.

If a Public Notice is required, this tab will show the status of the Notice.

Site Visits

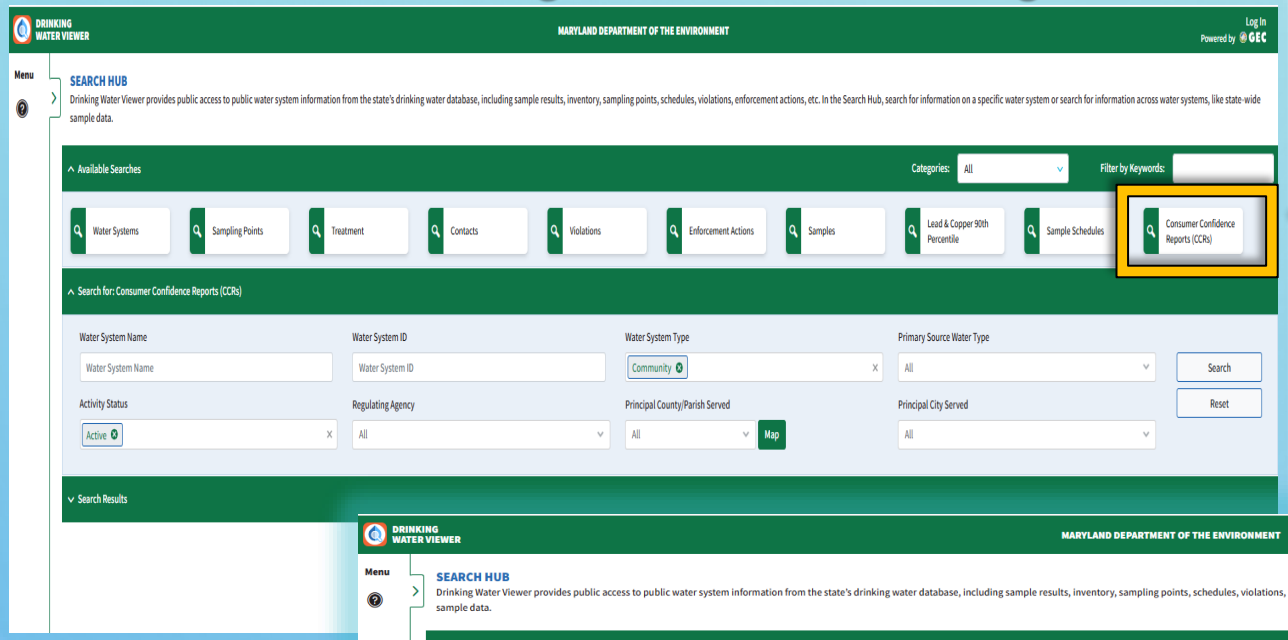
Select Site Visit from the drop-down menu from the Menu icon.



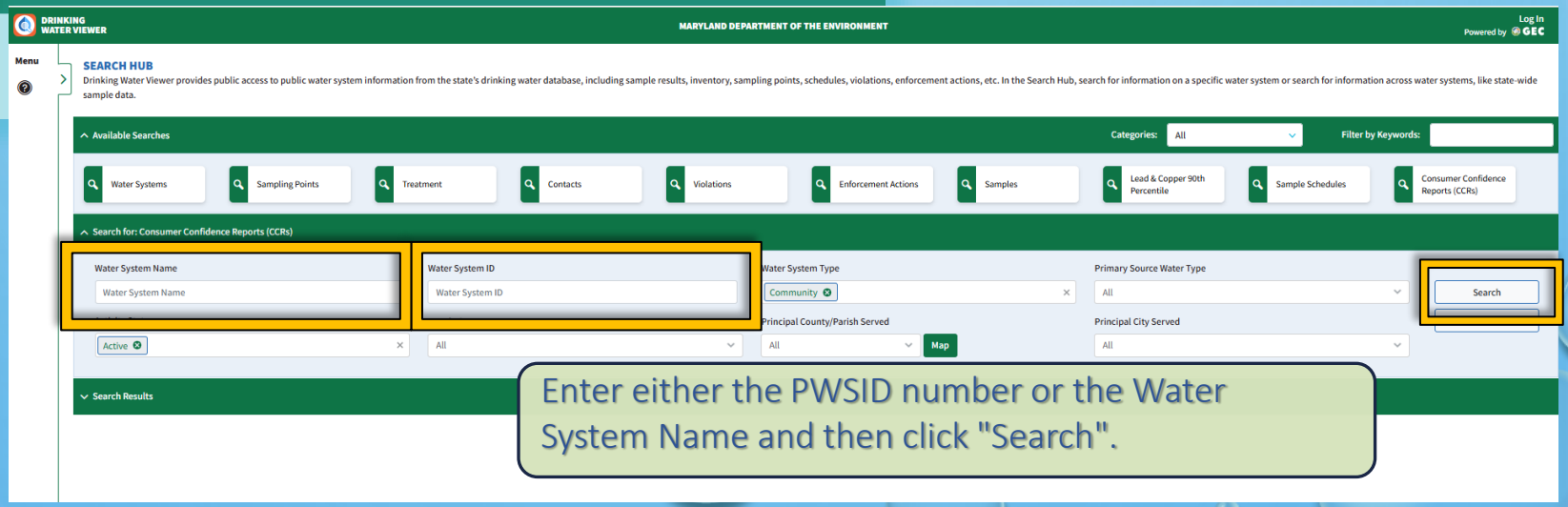
CCR Reports

This feature simplifies the information needed for the Consumer Confidence Report. Since the report is downloaded as a Word document, it's easy to add or change text and tables to ensure it meets the CCR requirements, offering greater flexibility in the process.

Drinking Water Viewer Main Page

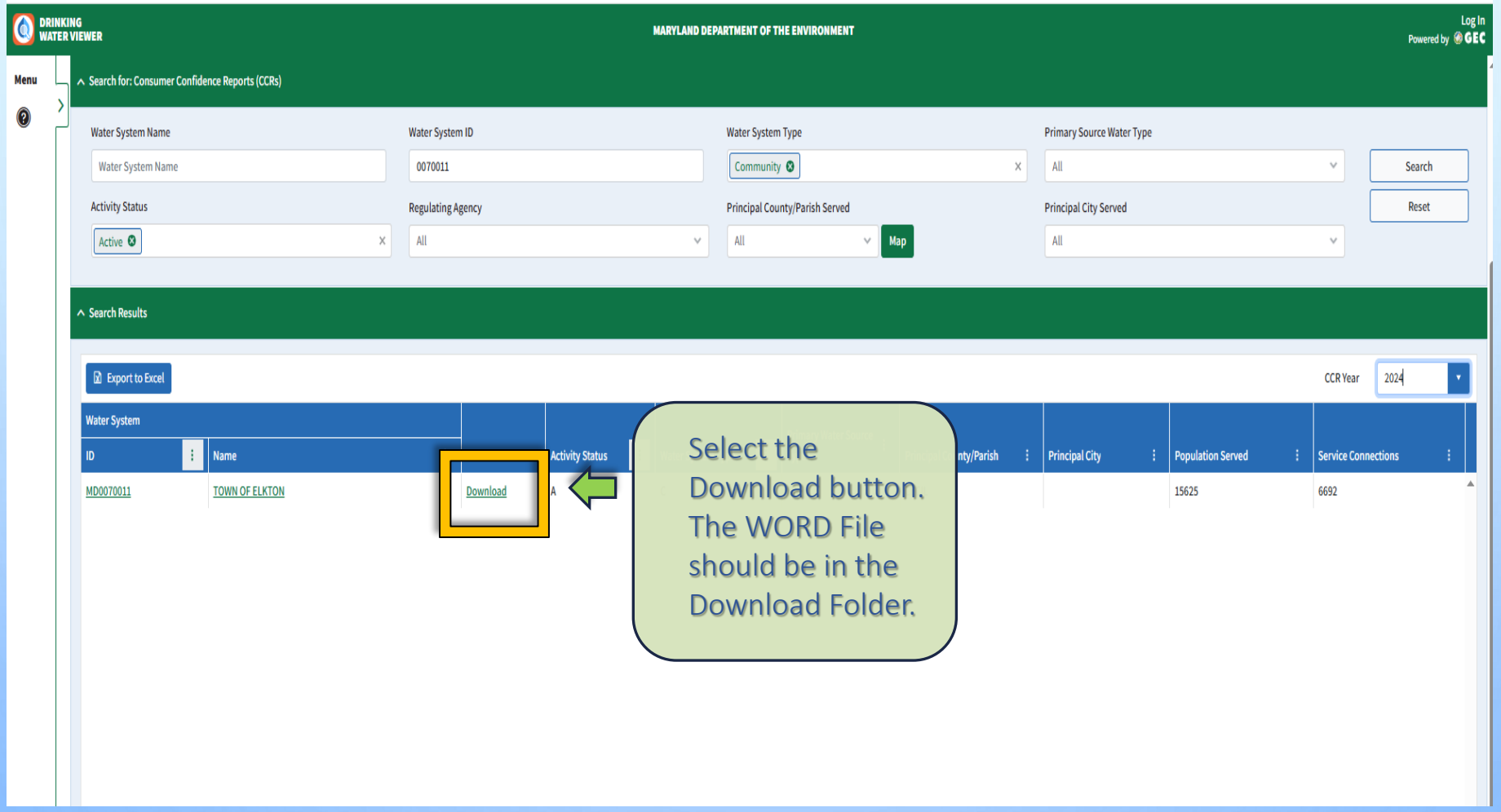


Select CCR Button.

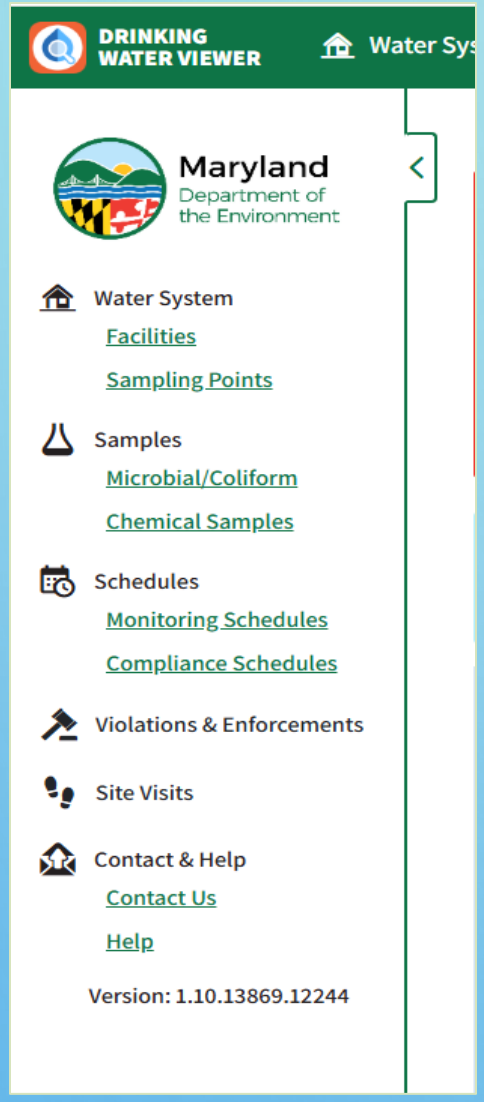


Enter either the PWSID number or the Water System Name and then click "Search".

CCR Reports


DRINKING WATER VIEWER
MARYLAND DEPARTMENT OF THE ENVIRONMENT
Log In
Powered by GEC
Menu
Search for: Consumer Confidence Reports (CCRs)
Water System Name
Water System ID
0070011
Water System Type
Community
Primary Source Water Type
All
Search
Reset
Activity Status
Active
Regulating Agency
All
Principal County/Parish Served
All
Map
Principal City Served
All
Search Results
Export to Excel
CCR Year
2024
Water System
ID
Name
Activity Status
Principal City
Population Served
Service Connections
MD0070011
TOWN OF ELKTON
Download
A
15625
6692
Select the Download button. The WORD File should be in the Download Folder.

Contact and Help



If you have any questions regarding the DWV software, please reach out to us at:

water.supply@maryland.gov

Please note the Facility Name and PWS number in your email.