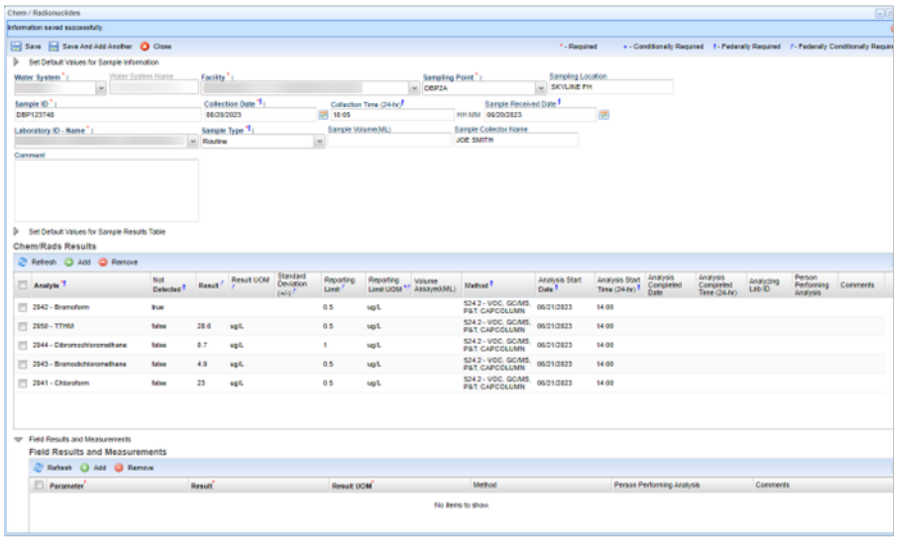
CMDP Web Entry – Disinfection By-Products (TTHM/HSS5)

This guide covers **web entry** of **Disinfection By-Products** (TTHM/HAA5) for community and NTNC systems. It does **not** cover XML batch uploads or non-DBP analytes.

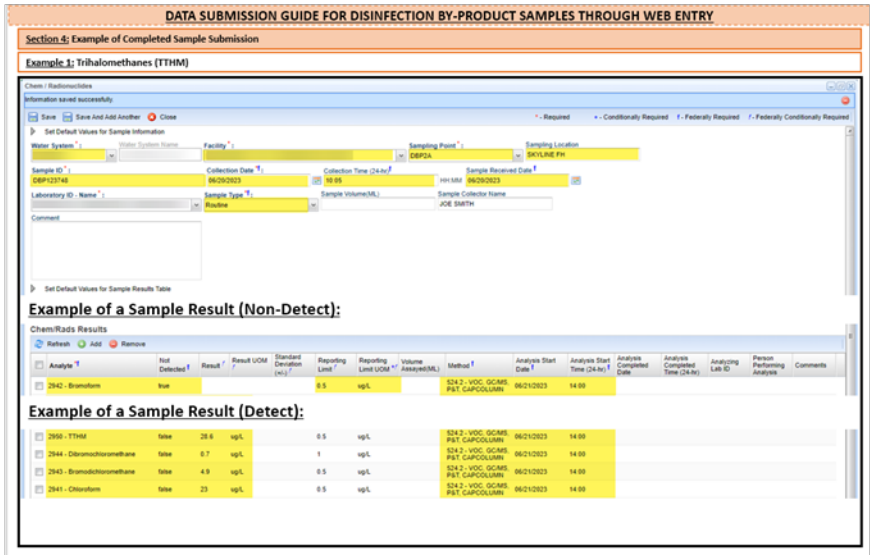
1. Sampling Information:



Section 1: Sample Information *(page 2)*

Section 2: Chem/Rad Results *(page 3)*
Methods Chart on page 3

Section 3: Field Results and Measurements
DO NOT USE FOR TTHM/HAA5



Section 4: Examples of Completed Sample Submissions *(Pages 4-5)*

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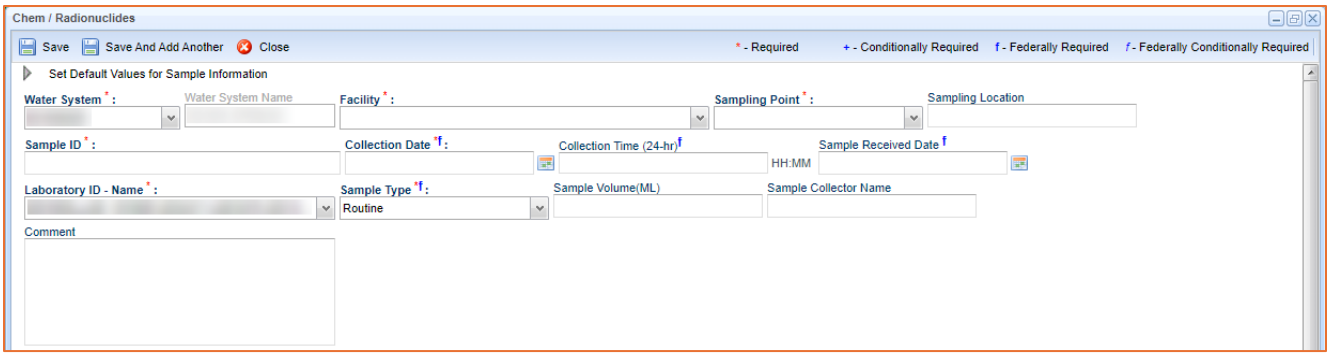

Red – Required **Blue – Conditionally or Situationally Required** **Black – Not Required**

- **Water System ID (PWSID)** → Enter ID########.
- **Water System Name** → Auto-populates from valid PWSID.
- **Facility** → Select facility where the sample was collected.
- **Sampling Point** → Select the correct DBP site (systems may have multiple).
- **Sampling Location** → Short description (letters/numbers/-/_ only).
- **Sample ID** → Lab ID, **≤ 20 chars** (letters/numbers/-/_).
- **Collection Date** → MM/DD/YY.
- **Collection Time (24H)** → HH:MM.
- **Sample Received Date** → MM/DD/YY.
- **Laboratory ID – Name** → Auto or select from list.
- **Sample Type** → Defaults to **Routine** (change if needed).
- **Sample Volume** → Sample Volume taken.
- **Sample Collector Name** → Optional.
- **Comment** → Optional.

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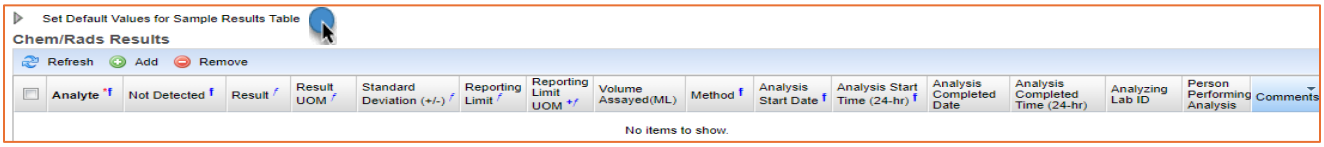
2. Chem/Rad Results



Set Default Values for Sample Results Table: Do NOT use this button to select multiple analytes. The **Analyte Group** field does not contain individual analytes for TTHMs or HAA5s so they will need to be entered directly into the **Chem/Rads Results** table.

TTHM ANALYTES	
Analyte Code	Analyte Name
2941	CHLOROFORM
2942	BROMOFORM
2943	BROMODICHLORO METHANE
2944	DIBROMOCHLORO METHANE
2950	TTHM

HAAS ANALYTES	
Analyte Code	Analyte Name
2450	MONOCHLOROACETIC ACID
2451	DICHLOROACETIC ACID
2452	TRICHLOROACETIC ACID
2453	MONOBROMOACETIC ACID
2454	DIBROMOACETIC ACID
2456	HAAS

- **Analyte [Code-Name]**
  - Use the dropdown/search to add DBP components and totals.
  - **Totals required: TTHM (2950)** and **HAA5 (2456)**.
- **Not Detected**
  - New rows default to **non-detect (checked)**.
  - For detects, **uncheck** and enter **Result**.
- **Result + Results UOM**
  - If detected, enter numeric result and select appropriate **UOM**.
- **Reporting Limit + Reporting UOM**
  - Enter the analyte's reporting limit and UOM.
- **Method** (critical)
  - Select the **reporting code** that maps to the **analysis method used** (see **Methods Chart**).
  - Use only codes for which your lab is **certified**.
- **Analyzing Lab ID**
  - **Required** if analysis was subcontracted.
- **Standard Deviation (+/-), Volume Assayed (mL), Analysis Completed Date/Time, Analyst**
  - Not required; enter if available.

Methods Chart	
Analysis Method Used	Report this Method in CMDP
524.2	524.2 VOC, GC/MS, P&T, CAPCOLUMN
552.2	552.2 DBPS & CL2 SOLVENTS GC L/L ELECTRON CAPT
552.3	552.3-552.3

Do not use **Set Default Values for Sample Results Table** to add DBP analytes; the **Analyte Group** list does not include the individual TTHM/HAA5 analytes.

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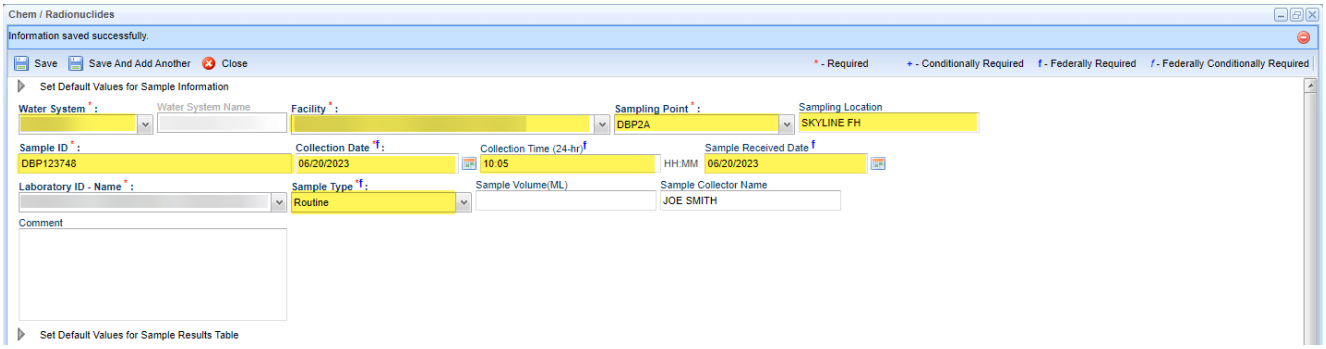
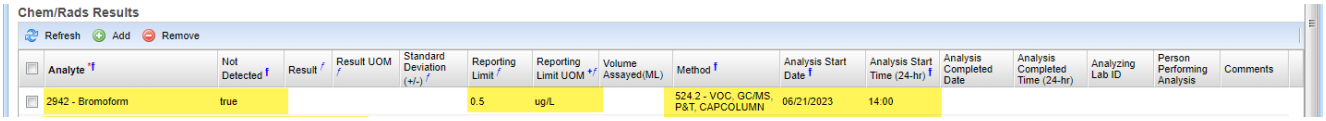
Example 1: Trihalomethanes (TTHM)



Example of a Sample Result (Non-Detect):



Example of a Sample Result (Detect):



Example 2: Haloacetic Acids (HAAS)

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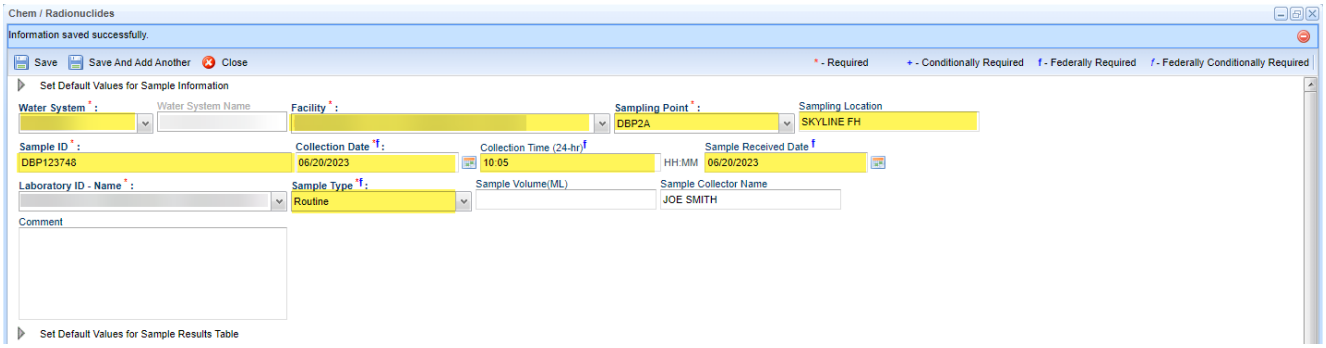
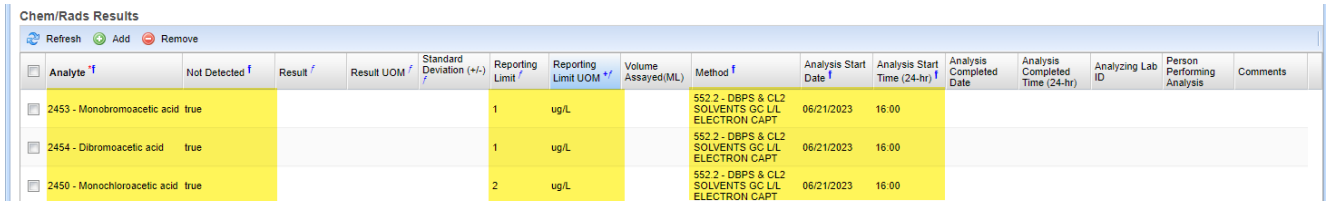
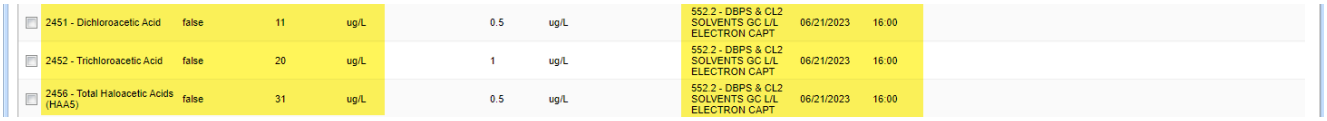


Example of a Sample Result (Non-Detect):



Analyte *f	Not Detected f	Result f	Result UOM f	Standard Deviation (+/-) f	Reporting Limit f	Reporting Limit UOM *f	Volume Assayed(ML)	Method f	Analysis Start Date f	Analysis Start Time (24-hr) f	Analysis Completed Date	Analysis Completed Time (24-hr)	Analyzing Lab ID	Person Performing Analysis	Comments
2453 - Monobromoacetic acid	true				1	ug/L		552.2 - DBPS & CL2 SOLVENTS GC L/L ELECTRON CAPT	06/21/2023	16:00					
2454 - Dibromoacetic acid	true				1	ug/L		552.2 - DBPS & CL2 SOLVENTS GC L/L ELECTRON CAPT	06/21/2023	16:00					
2450 - Monochloroacetic acid	true				2	ug/L		552.2 - DBPS & CL2 SOLVENTS GC L/L ELECTRON CAPT	06/21/2023	16:00					

Example of a Sample Result (Detect):



2451 - Dichloroacetic Acid	false	11	ug/L	0.5	ug/L	552.2 - DBPS & CL2 SOLVENTS GC L/L ELECTRON CAPT	06/21/2023	16:00	
2452 - Trichloroacetic Acid	false	20	ug/L	1	ug/L	552.2 - DBPS & CL2 SOLVENTS GC L/L ELECTRON CAPT	06/21/2023	16:00	
2456 - Total Haloacetic Acids (HAA5)	false	31	ug/L	0.5	ug/L	552.2 - DBPS & CL2 SOLVENTS GC L/L ELECTRON CAPT	06/21/2023	16:00	