

Features Available in ATTAINS Actions Summary Reports

Version: 7/7/2020 – This corresponds with the July 2020 release of ATTAINS

Purpose: To explain some of the features available in the **Action Summary Reports: TMDL** and **Actions** reports. Both reports pull from the Actions module in ATTAINS.

- The **TMDL** report is specific to TMDLs. It summarizes by **Pollutant** or **EPA Fiscal Year**.
- The **Actions** Report includes TMDLs, 4B Restoration Approach Actions, Alternative Restoration Approach Actions, and Protection Approach Actions. It summarizes by **Parameter** or **EPA Fiscal Year**.

Audience: Any ATTAINS user with access to an Organization. These features are available for users with Read Only access or higher.

1. Login to ATTAINS.
2. If you are an EPA user, select an Organization from the top right drop-down menu. State or Tribal users can only access your own Organization, so you can skip this step.
3. Go to the Reports tab.

Action Summary

The screenshot shows a user interface for generating an Action Summary report. It features two dropdown menus. The first, labeled 'Report Type*', has 'Action Summary' selected. The second, labeled 'Report*', has 'Select Report' selected. A blue button labeled 'Run Report' is located to the right of the first dropdown menu.

4. In the Report Type, select “Action Summary”. In the Report drop-down, select either the TMDL or Actions report.

TMDL Summary Report Options

The TMDL Summary report is specific to Actions of type TMDL. Since TMDLs are written for Pollutants, the TMDL report summarizes by **Pollutant** or **EPA Fiscal Year** (Oct. 1 – Sept. 30). There are several sections of this report.

1. **View By:** This report is initially shown by Pollutant. A “View By” drop-down menu allows you to summarize by EPA Fiscal Year.
2. The report returns a stacked horizontal bar chart (top left corner), a summary table (top right corner), and a results table (at the bottom).
 - a. **The summary bar chart and the summary table include only TMDLs that have been finalized in ATTAINS.**
 - b. The detail results table returns TMDLs in any status. (Draft, Submitted, Modify, and Final).
3. When **Viewed by Pollutant**, the summary table contains several columns.
 - a. **Pollutant:** The pollutant that the TMDL was written for. These are the rows of the summary table.
 - b. **AU/Pollutants:** This corresponds with the number of unique Assessment Unit / Pollutant / TMDL Date combinations. So, if the same Assessment Unit and Pollutant combination were contained in two different TMDL Actions with the same “Action TMDL Date”, then the combination would only count once.

- c. **AU/Addressed Parameters:** This corresponds with the number of Assessment Unit / Parameters that were addressed by that Pollutant. For example, if the TMDL was written for the PHOSPHORUS, TOTAL pollutant, but that pollutant addressed 3 Assessment Unit / Parameter/ Action TMDL Date combinations (ex: say it addressed three parameters on the same Assessment Unit in the same Action: “PHOSPHORUS, TOTAL”; “NUTRIENTS”; and “ORGANIC ENRICHMENT/LOW DISSOLVED OXYGEN”), then it would count as 3.
- d. **Action/Pollutants:** This corresponds with the number of Pollutants addressed in an Action for that Pollutant (the number of unique Action ID/Pollutant combinations).

Pollutants for Approved TMDLs Summary

Pollutant	AU/Pollutants	AU/Addressed Parameters	Action/Pollutants
ORGANIC ENRICHMENT/LOW DISSOLVED OXYGEN	57	57	40
PATHOGENS	30	30	18
ESCHERICHIA COLI (E. COLI)	27	27	22
PHOSPHORUS, TOTAL	23	37	5
FECAL COLIFORM	21	21	20

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4. When **Viewed by EPA Fiscal Year**, the summary table sorts by EPA Fiscal Year (Oct. 1 – Sept. 30).

Finalized TMDLs by EPA Fiscal Year Summary

Fiscal Year	AU/Pollutants	AU/Addressed Parameters	Action/Pollutants
2017	1	1	1
2016	6	6	5
2014	8	8	5
2013	8	8	1
2012	5	5	4

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5. **Optional Columns:** A screen shot of the columns that can be included in the detail results table is provided below. Gray check marks are for columns that are locked and cannot be turned off. Select your choices and click the Close button.

Show/Hide Columns

Assessment Unit	
<input checked="" type="checkbox"/> Assessment Unit ID	<input checked="" type="checkbox"/> Assessment Unit Name
<input type="checkbox"/> Assessment Rationale	<input type="checkbox"/> Water Type
<input type="checkbox"/> Water Size	<input type="checkbox"/> Units
<input type="checkbox"/> Size Source	<input type="checkbox"/> Source Scale
<input type="checkbox"/> Estimation Method	

TMDL Pollutant	
<input checked="" type="checkbox"/> Pollutant	<input checked="" type="checkbox"/> Source Type
<input checked="" type="checkbox"/> Parameter Addressed	

Action	
<input checked="" type="checkbox"/> Action ID	<input checked="" type="checkbox"/> Action Name
<input checked="" type="checkbox"/> Action TMDL Date	<input checked="" type="checkbox"/> Action Status
<input checked="" type="checkbox"/> EPA FY	<input type="checkbox"/> Action Type
<input type="checkbox"/> Action Organization	<input type="checkbox"/> Action Agency
<input type="checkbox"/> Completion Date	<input type="checkbox"/> Is Indian Country
<input type="checkbox"/> Action Comment	<input type="checkbox"/> TMDL Other ID
<input type="checkbox"/> Include in Measure	<input type="checkbox"/> Action Is Valid

[Close](#)

Actions Summary Report Options

The Actions Summary report covers four types of Actions: TMDL, 4B Restoration Approach, Alternative Restoration Approach and Protection Approach Actions. This report summarizes by **Parameter** or **EPA Fiscal Year** (Oct. 1 – Sept. 30). There are several sections of this report.

1. **View By:** This report is initially shown by Parameter. A “View By” drop-down menu allows you to summarize by EPA Fiscal Year.
2. The report returns a stacked horizontal bar chart (top left corner), a summary table (top right corner), and a results table (at the bottom).
 - a. **The summary bar chart and the summary table include only Actions that have been finalized in ATTAINS.**
 - b. The detail results table returns Actions in any status. (Draft, Submitted, Modify, and Final).
3. When **Viewed by Parameter**, the summary table contains several columns.
 - a. **Parameter:** The parameter that the Action was written for. These are the rows of the summary table.
 - b. **TMDL:** This corresponds with the number of Assessment Unit / Addressed Parameter / Completion Date combinations in finalized TMDLs. Note: The Actions report counts differently than the TMDL report. Only TMDLs have Pollutants, so this more general Actions report must summarize by Addressed Parameter instead.
 - c. **4B Restoration Approach:** This corresponds with the number of Assessment Unit / Addressed Parameter / Completion Date combinations in finalized 4B Restoration Approach Actions.
 - d. **Alternative Restoration Approach:** This corresponds with the number of Assessment Unit / Addressed Parameter / Completion Date combinations in finalized Alternative Restoration Approach Actions.
 - e. **Protection Approach:** This corresponds with the number of Assessment Unit / Addressed Parameter / Completion Date combinations in finalized Protection Approach Actions.

Parameters Summary

AU/Parameter ⇅	TMDL ⇅	4B Restoratio n Approach	Alternative Rest oration Approac h	Protection Ap proach ⇅
ORGANIC ENRICHMENT/LOW DISSOLVED OXYGEN	70	0	0	0
PATHOGENS	56	0	0	0
NUTRIENTS	24	0	0	0
ESCHERICHIA COLI (E. COLI)	11	0	0	0
UNLISTED BUT IMPAIRED	10	0	0	0

4. When **Viewed by EPA Fiscal Year**, the summary table sorts by EPA Fiscal Year (Oct. 1 – Sept. 30).

Finalized Actions by EPA Fiscal Year Summary

Fiscal Year ⇅	TMDL ⇅	4B Restoration Approach ⇅	Alternative Restoration Approach ⇅	Protection Approach ⇅
2017	1	0	0	0
2016	6	0	0	0
2014	8	0	0	0
2013	8	0	0	0
2012	5	0	0	0

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5. **Optional Columns:** A screen shot of the columns that can be included in the detail results table is provided below. Gray check marks are for columns that are locked and cannot be turned off. Select your choices and click the Close button.

Assessment Unit

Assessment Unit ID

Assessment Rationale

Water Size

Size Source

Estimation Method

Assessment Unit Name

Water Type

Units

Source Scale

Action

Action ID

Action Status

Action TMDL Date

Parameter

Parameter Attainment

Action Organization

Is Indian Country

TMDL Other ID

Action Is Valid

Action Name

Completion Date

FY

Pollutant

Action Type

Action Agency

Action Comment

Include in Measure

Close