

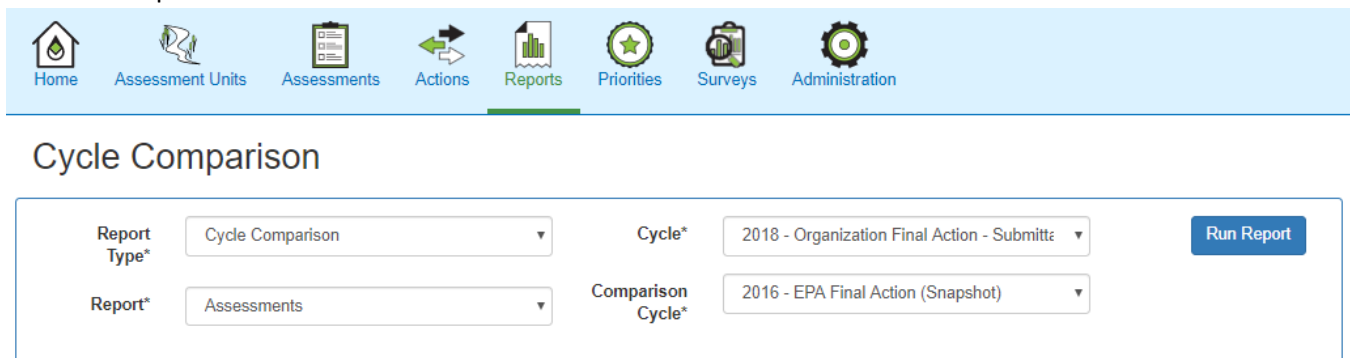
# Features Available in ATTAINS Cycle Comparison Reports

Version: 3/10/2020 – This corresponds with the February 2020 release of ATTAINS

**Purpose:** To explain some of the features available in the **Cycle Comparison Reports**. These features include the ability to add columns to a report, filter results, and download the filtered results.

**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.



The screenshot shows the ATTAINS web application interface. At the top is a navigation bar with icons for Home, Assessment Units, Assessments, Actions, Reports (highlighted), Priorities, Surveys, and Administration. Below the navigation bar is the 'Cycle Comparison' section. It contains four dropdown menus: 'Report Type\*' set to 'Cycle Comparison', 'Report\*' set to 'Assessments', 'Cycle\*' set to '2018 - Organization Final Action - Submitte...', and 'Comparison Cycle\*' set to '2016 - EPA Final Action (Snapshot)'. A blue 'Run Report' button is located to the right of the dropdowns.

4. In Report Type, select “Cycle Comparison”.
  - a. In the Report drop-down select either Assessments or Parameters. (Once the report is run, you can click between them.) Assessments will look at changes in the EPA IR Cycle. Parameters will look at changes in the Parameter Attainments.
  - b. In the **Cycle drop-down**, select the snapshot or working copy of the **most recent cycle to be compared**.
  - c. In the **Comparison Cycle** drop-down, select the **older snapshot** to be compared.
  - d. **Note:** It is important to select the newer cycle or snapshot in the first drop-down, and then select the older snapshot in the second drop-down. Otherwise, the Summary column calculation will not make sense.



This document covers two types of Cycle Comparison Reports:

- Cycle Comparison Reports showing changes at the **Assessment** Level
- Cycle Comparison Reports showing changes at the **Parameter** Level

## Cycle Comparison Report – Assessments

The Cycle Comparison Report for Assessments looks at changes from the overall Assessment Unit ID level.

1. **Default Columns:** The report initially runs with several default columns
  - a. **Assessment Unit ID:** The Assessment Unit ID in the newer cycle or snapshot
  - b. **Assessment Unit Name:** The Assessment Unit ID in the newer cycle or snapshot
  - c. **Previous Assessment Unit Name:** The Assessment Unit Name in the older cycle or snapshot
  - d. **EPA IR Category:** The EPA IR Category at the Assessment Unit ID level for the newer cycle or snapshot
  - e. **Previous EPA IR Category:** The EPA IR Category at the Assessment Unit ID level for the older cycle or snapshot
  - f. **EPA IR Category Summary:** This Summary column looks at changes to the EPA IR Category between the two selected cycles or snapshots. This column is highlighted with a red box in the image below.
    - i. **ADDED:** If a new Assessment Unit ID has been assessed, it will show as “ADDED”.
    - ii. **CHANGED:** If the EPA IR Category at the Assessment Unit ID level has changed between the comparison cycles or snapshots, it will show as “CHANGED”.
    - iii. **No Change:** If the EPA IR Category at the Assessment Unit ID level has not changed between the comparison cycles or snapshots, it will show as “–” (meaning No Change).

### Cycle Comparison

[+ New Report](#)

Assessments
Parameters

Columns
Download

Assessment Unit ID	Assessment Unit Name	Previous Assessment Unit Name	EPA IR Category	Previous EPA IR Category	EPA IR Category Summary
CC_BS-L-MADISON_01	Lake Madison	Lake Madison	5	5	--
CC_CH-L-BISMARCK_01	Bismark Lake	Bismark Lake	5	3	CHANGED
CC_BF-R-BEAR_BUTTE_01	Bear Butte Creek	Bear Butte Creek	1	1	--
CC_JA-R-FIRESTEEL_01	Firesteel Creek	Firesteel Creek	1	1	--
TBrenametest	test		3		ADDED

« 1 2 3 »
10 25 50 100

15 Records

2. **Adding Columns:** You may choose additional columns to add to the results table. Click the Columns button. The available columns are listed on the next page. As you add columns, you may need to use the horizontal scroll bar to see additional columns. The results table is driven by the combination of columns selected. For example, if the Water Type column is added and an Assessment Unit ID has multiple water types, then it will have multiple rows for the same Assessment Unit ID.
3. **Downloading results:** Once you have the data the way you want (e.g., have added the columns that you want, and applied filters if you would like), using the Download button will export the results table to .CSV format. If you want all the results from the table, remove any applied filters.

### Additional Columns for Cycle Comparison – Assessments Report

These are the columns that are available in the report. To choose columns for the report, click the “Columns” button. Gray check marks are for columns that are locked and cannot be turned off. Additional fields are turned on by default (black checks) but may be hidden (i.e., unchecked). The empty boxes are fields that may be turned on. Select your choices and click the Close button.

The Assessment list refers to columns in the newer cycle or snapshot, and the Previous Assessment list refers to columns in the older cycle or snapshot.

#### Assessment

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Assessment Unit ID | <input checked="" type="checkbox"/> Assessment Unit Name |
| <input checked="" type="checkbox"/> EPA IR Category    | <input type="checkbox"/> State Code                      |
| <input type="checkbox"/> Use Class Name                | <input type="checkbox"/> Assessment Unit Status          |
| <input type="checkbox"/> Agency Code                   | <input type="checkbox"/> Location Description            |
| <input type="checkbox"/> Assessment Unit Comment       | <input type="checkbox"/> Multi IR Categories             |
| <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             | <input type="checkbox"/> Cycle Last Assessed             |
| <input type="checkbox"/> Cycle Last Modified           | <input type="checkbox"/> Validation                      |

#### Previous Assessment

- |  |   |
|--|---|
| <input type="checkbox"/> Previous Assessment Unit ID         | <input checked="" type="checkbox"/> Previous Assessment Unit Name |
| <input checked="" type="checkbox"/> Previous EPA IR Category | <input checked="" type="checkbox"/> EPA IR Category Summary       |
| <input type="checkbox"/> Previous State Code                 | <input type="checkbox"/> Previous Use Class Name                  |
| <input type="checkbox"/> Previous Assessment Unit Status     | <input type="checkbox"/> Previous Agency Code                     |
| <input type="checkbox"/> Previous Location Description       | <input type="checkbox"/> Previous Assessment Unit Comment         |
| <input type="checkbox"/> Previous Multi IR Categories        | <input type="checkbox"/> Previous Assessment Rationale            |
| <input type="checkbox"/> Previous Water Type                 | <input type="checkbox"/> Previous Water Size                      |
| <input type="checkbox"/> Previous Units                      | <input type="checkbox"/> Previous Size Source                     |
| <input type="checkbox"/> Previous Source Scale               | <input type="checkbox"/> Previous Estimation Method               |
| <input type="checkbox"/> Previous Cycle Last Assessed        | <input type="checkbox"/> Previous Cycle Last Modified             |
| <input type="checkbox"/> Previous Validation                 |   |

Close

## Cycle Comparison Report – Parameters

The Cycle Comparison Report for Assessments looks at changes from the overall Assessment Unit ID level.

1. **Default Columns:** The report initially runs with several default columns
  - a. **Assessment Unit ID:** The Assessment Unit ID in the newer cycle or snapshot
  - b. **Assessment Unit Name:** The Assessment Unit ID in the newer cycle or snapshot
  - c. **Parameter Name:** The Parameter name in the newer cycle or snapshot
  - d. **Parameter IR Category:** The EPA IR Category at the Parameter level, for the newer cycle or snapshot
  - e. **Previous Parameter IR Category:** The EPA IR Category at the Parameter level, for the older cycle or snapshot
  - f. **Parameter IR Category Summary:** This Summary column looks at changes to the EPA IR Category at the Parameter level between the two selected cycles or snapshots. This column is highlighted with a red box in the image below.
    - i. **ADDED:** If the parameter has been added to the Assessment Unit ID in the newer cycle or snapshot, it will show as “ADDED”.
    - ii. **CHANGED:** If the Parameter IR Category has changed between the comparison cycles or snapshots, it will show as “CHANGED”.
    - iii. **REMOVED:** If the parameter has been removed from the Assessment Unit ID in the newer cycle or snapshot, it will show as “REMOVED”.
    - iv. **No Change:** If the Parameter IR Category has not changed between the comparison cycles or snapshots, it will show as “–” (meaning No Change).

### Cycle Comparison

[+ New Report](#)

Assessments

Parameters

Columns Download

Assessment Unit ID	Assessment Unit Name	Parameter Name	Parameter IR Category	Previous Parameter IR Category	Parameter IR Category Summary
CC_CH-L-BISMARK_01	Bismark Lake	TURBIDITY	2		ADDED
CC_CH-L-BISMARK_01	Bismark Lake	DISSOLVED OXYGEN	5		ADDED
123456789	TEST	1,1,1,2-TETRACHLOROETHANE	2		ADDED
CC_BA-L-FREEMAN_01	Freeman Lake	SELENIUM	5		ADDED
123456789	TEST	DISSOLVED OXYGEN	5		ADDED

« 1 2 3 4 5 »

10 25 50 100

24 Records

2. **Adding Columns:** You may choose additional columns to add to the results table. Click the Columns button. The available columns are listed on the next page. As you add columns, you may need to use the horizontal scroll bar to see additional columns. The results table is driven by the combination of columns selected. For example, if the Water Type column is added and an Assessment Unit ID has multiple water types, then it will have multiple rows for the same Assessment Unit ID.

3. **Downloading results:** Once you have the data the way you want (e.g., have added the columns that you want, and applied filters if you would like), using the Download button will export the results table to .CSV format. If you want all the results from the table, remove any applied filters.

### Additional Columns for Cycle Comparison – Parameters Report

These are the columns that are available in the report. To choose columns for the report, click the “Columns” button. Gray check marks are for columns that are locked and cannot be turned off. Additional fields are turned on by default (black checks) but may be hidden (i.e., unchecked). The empty boxes are fields that may be turned on. Select your choices and click the Close button.

The Parameters list refers to columns in the newer cycle or snapshot and the Previous Parameters list refers to columns in the older cycle or snapshot.

#### Parameters

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Assessment Unit ID | <input checked="" type="checkbox"/> Assessment Unit Name  |
| <input checked="" type="checkbox"/> Parameter Name     | <input checked="" type="checkbox"/> Parameter IR Category |
| <input type="checkbox"/> State Code                    | <input type="checkbox"/> Validation                       |
| <input type="checkbox"/> Status                        | <input type="checkbox"/> Parameter Status                 |
| <input type="checkbox"/> Delisted                      | <input type="checkbox"/> Use Name                         |
| <input type="checkbox"/> Use Attainment                | <input type="checkbox"/> Parameter Attainment             |
| <input type="checkbox"/> Parameter Trend               | <input type="checkbox"/> Seasons(Start-End)               |
| <input type="checkbox"/> Cycle First Listed            | <input type="checkbox"/> Cycle Scheduled for TMDL         |
| <input type="checkbox"/> Cycle Expected to Attain      | <input type="checkbox"/> Organization IR Category         |
| <input type="checkbox"/> Impaired Water Agency         | <input type="checkbox"/> Alternate Listing Identifier     |
| <input type="checkbox"/> CWA 303(d) Priority Ranking   | <input type="checkbox"/> Consent Decree Cycle             |
| <input type="checkbox"/> Impaired Water Comment        | <input type="checkbox"/> Associated Action Ids            |

#### Previous Parameters

- |   |  |
|---|--|
| <input type="checkbox"/> Previous Assessment Unit ID              | <input type="checkbox"/> Previous Assessment Unit Name             |
| <input type="checkbox"/> Previous Parameter Name                  | <input checked="" type="checkbox"/> Previous Parameter IR Category |
| <input checked="" type="checkbox"/> Parameter IR Category Summary | <input type="checkbox"/> Previous State Code                       |
| <input type="checkbox"/> Previous Validation                      | <input type="checkbox"/> Previous Status                           |
| <input type="checkbox"/> Previous Parameter Status                | <input type="checkbox"/> Previous Delisted                         |
| <input type="checkbox"/> Previous Use Name                        | <input type="checkbox"/> Previous Use Attainment                   |
| <input type="checkbox"/> Previous Parameter Attainment            | <input type="checkbox"/> Previous Parameter Trend                  |
| <input type="checkbox"/> Previous Seasons(Start-End)              | <input type="checkbox"/> Pollutant Indicator                       |
| <input type="checkbox"/> Previous Pollutant Indicator             | <input type="checkbox"/> Previous Cycle First Listed               |
| <input type="checkbox"/> Previous Cycle Scheduled for TMDL        | <input type="checkbox"/> Previous Cycle Expected to Attain         |
| <input type="checkbox"/> Previous Organization IR Category        | <input type="checkbox"/> Previous Impaired Water Agency            |
| <input type="checkbox"/> Previous Alternate Listing Identifier    | <input type="checkbox"/> Previous CWA 303(d) Priority Ranking      |
| <input type="checkbox"/> Previous Consent Decree Cycle            | <input type="checkbox"/> Previous Impaired Water Comment           |
| <input type="checkbox"/> Previous Associated Action Ids           |  |

Close