

# ATTAINS for the Casual User

May 28, 2020



# Overview

- How to Get Access to ATTAINS
- User Roles
- Walk through of the ATTAINS User Interface
- Assessment Cycle Promotion Process
- Finding Data Using ATTAINS Reports
- ATTAINS Data and How's My Waterway – What data are used and when they appear

# How to Get Access to ATTAINS

- State/Territory/Tribal Users need an Exchange Network (CDX) Account (<https://cdx.epa.gov/CDX/Login>)
- EPA users use their Web Access Management (WAM) or LAN login ID
- Users then provide the following information to the ATTAINS User Administrator:
  - **Organization** (the state, territory or tribal name; or the EPA Region; or EPA HQ)
  - **User ID** (this is the CDX account for State/Territory/Tribal users, or the WAM/LAN ID for EPA users)

- **Email address**

- **First Name**

- **Last Name**

Manage User	
Organization*	Select Organization
User ID*	User ID
First Name	First Name
Email	Email
Last Name	Last Name

- State users who want to flow data through the Exchange Network, must also associate their account with the ATTAINS EN Data flow through the CDX Node Helpdesk ([nodehelpdesk@epacdx.net](mailto:nodehelpdesk@epacdx.net)).

# How Do I Log In?

<https://attains.epa.gov/attains/>

Sign in with an existing account

State/Tribal Users

Exchange Network

WAM

EPA Users

## Exchange Network Services

Warning Notice

Sign in to your account

User ID

Use your Central Data Exchange (CDX) or Exchange Network account

Password

Sign in



## Web Access Management (WAM)

Sign in to authorize access to your account

User ID

Use your EPA LAN account. [No account? Register now.](#)

Password

[Forgot your User ID or password \(external users only\)?](#)

Log In

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# Roles for State/Territory/Tribal Users

- Read Only
- Data Entry
- Administrator

Assessment Units	<input checked="" type="radio"/> Read Only	<input type="radio"/> Data Entry	<input type="radio"/> Administrator
Assessments	<input checked="" type="radio"/> Read Only	<input type="radio"/> Data Entry	<input type="radio"/> Administrator
Actions	<input checked="" type="radio"/> Read Only	<input type="radio"/> Data Entry	<input type="radio"/> Administrator
Surveys	<input checked="" type="radio"/> Read Only	<input type="radio"/> Data Entry	<input type="radio"/> Administrator
Domains	<input type="checkbox"/> Administrator		

# Roles for EPA Users

- Read Only (lowest level permissions)
- Administrator (mid-level permissions)
- Reviewer (high-level permissions)

Assessment Units	<input checked="" type="radio"/> Read Only
Assessments	<input checked="" type="radio"/> Read Only <input type="radio"/> Reviewer
Actions	<input checked="" type="radio"/> Read Only <input type="radio"/> Administrator <input type="radio"/> Reviewer
Surveys	<input checked="" type="radio"/> Read Only <input type="radio"/> Data Entry <input type="radio"/> Administrator
Users	<input type="checkbox"/> Administrator

For more information about Roles, refer to the “Roles and Permissions in ATTAINS” document on the ATTAINS Public Website, under the “Upload Data” tab: <https://www.epa.gov/waterdata/attains>

# Terminology

- ATTAINS
- Assessment Unit
- Assessment
- Parameter versus Cause
- Actions include TMDLs and other Plans to Restore or Protect the Water
- EPA IR Categories

# EPA Integrated Report (IR) Categories

1. Attaining standards
2. Attaining some designated uses, and insufficient or no data and information to determine if remaining uses are attained
3. Insufficient or no data and information to determine if the standard is attained
4. Impaired or threatened for one or more designated uses but not needing a TMDL
  - a. TMDL has been completed
  - b. Expected to meet standards
  - c. Not impaired by a pollutant
5. Impaired or threatened by pollutant(s) for one or more designated uses and requiring a TMDL
  - a. Alternative restoration plan in place

305 (b)  
Report

Impaired  
Waters

303(d)  
List

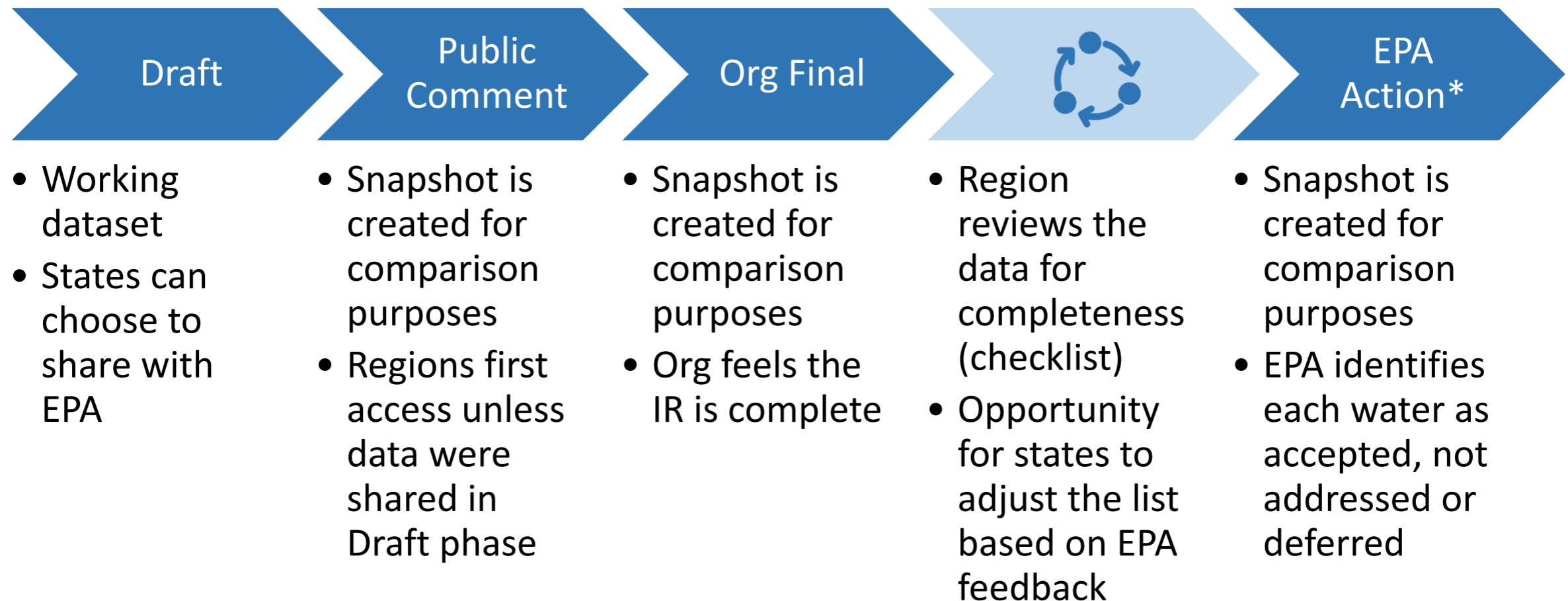




# Walk-Through of User Interface

# Data Promotion Process

- Occurs through ATTAINS User Interface
- Allows users to view data and run reports prior to promotion



\* If list is approved, this is EPA Final Action. If partial approval or disapproval, other steps follow.

# State-Controlled Snapshots



## Org. Draft

- State can view, edit, and batch upload
- EPA can only view, edit, or batch upload if state chooses to share cycle with EPA
- Public cannot view data



## Org. Public Comment

- State can view, edit, and batch upload
- EPA can view data
- Public can view data through web services



## Org. Final Submittal

- State considers cycle complete and submitted to EPA
- EPA can view data
- Public can view data through web services and How's My Waterway
- EPA can return submission to organization after completeness review and organization can promote to this status multiple times

# EPA-Controlled Snapshots



## **EPA Document Decisions**

- EPA considers the cycle complete and any further changes will be recorded as overlistings
- Allows state to start work on the next cycle



## **EPA Final Action**

- EPA has completed review of cycle
- Replaces Organization Final Submittal data as the data public can view through web services and How's My Waterway

# Types of ATTAINS Reports

Cycle Summary	Cycle Comparison	Assessment Units	Actions Summary*
<ul style="list-style-type: none"><li>• Assessments</li><li>• Uses</li><li>• Parameters</li><li>• Sources</li><li>• Delistings</li></ul>	<ul style="list-style-type: none"><li>• Changes at Assessment level</li><li>• Changes at Parameter level</li></ul>	<ul style="list-style-type: none"><li>• Missing GIS</li></ul>	<ul style="list-style-type: none"><li>• TMDLs</li><li>• Actions</li></ul>


\* Coming Soon

# Summary Reports Can Answer...

- How many waters are in Category 5?
- How many waters are Supporting or Not Supporting a specific Use?
- What is the most frequently reported Cause of impairment?
- What water / parameter combos are on the 303(d) list?
- Which parameters were Delisted this cycle?

# Comparison Reports Can Answer...

- Which waters have changed EPA IR Category since the prior cycle?
- Which Parameters have changed status since the prior cycle?
- Which Parameters were in Category 5 in the prior cycle and are no longer in Category 5?

A large, irregular blue ink splatter or blotch is centered on a white background. The splatter has a textured, watercolor-like appearance with various shades of blue and some white highlights. The text 'ATTAINS Reports Demo' is overlaid on the center of this splatter in a white, sans-serif font.

# ATTAINS Reports Demo



# What Types of ATTAINS Data Appear in How's My Waterway

Types of Data	Location in ATTAINS	When it Appears in HMW
Assessment Unit definitions (AU ID, Name, Water Type, Size)	Assessment Units module	Cycle promoted to Org. Final Submittal
Geospatial location (Displays uses and parameters by group)	Assessment Units module → Upload GIS	Refreshed at regular intervals for all states promoted to org final since last refresh
Assessment decisions	Assessments module	Cycle promoted to Org. Final Submittal or EPA Final Action
TMDLs, 4B, Alternatives, Protection Plan Actions	Actions module	Action is finalized
HMW Metrics	Administration module → Metrics	For 1 <sup>st</sup> release, send to <a href="mailto:mywaterway@epa.gov">mywaterway@epa.gov</a> .  For 2 <sup>nd</sup> release, HMW will be using Metrics info from ATTAINS



# How Data Move from ATTAINS to How's My Waterway Demo

# Additional References

**Available from the ATTAINS public website, “Upload Data” tab (<https://www.epa.gov/waterdata/attains>)**

- How to Register for ATTAINS
- How to Sign In to ATTAINS
- Roles and Permissions in ATTAINS
- EPA IR Categories and How ATTAINS Calculates Them
- Features Available in ATTAINS Cycle Summary Reports and Cycle Comparison Reports



Questions?

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