ATTAINS Secret Sauce Training – Handout #4: Accessing Data

How is this Useful? ATTAINS provides multiple avenues for accessing your data. Some are manual and provide access to your data at any point in the process. Others can be automated yet may only provide access to publicly accessible snapshots of your data. Which of these you use will depend largely on your need. If you have a need to integrate ATTAINS data in other applications that you may have, talk to the ATTAINS team and they can help you determine which method may work best for you.

Tool Name	Description	Data Available	Access Method	Output Format	How to Get More Information / Location
ATTAINS Data Exports	Allows for the complete export of your data from ATTAINS. You can export Assessment Units, Assessment, and Actions	Most current data for any Assessment cycle, all Assessment Unit Information, and all Actions	Manual Download. User must be logged into ATTAINS.	.csv files. One file for each data table	Available under the Menu button in Assessment Units, Assessments, and Actions Tabs in ATTAINS
Reports	Allows for the download of most of the data elements in ATTAINS, including those that are generated by the system. User can select which data they want to download.	Any data that is visible to the user, including data for individual snapshots. Cycle comparisons can also be exported.	Manual Download. User must be logged into ATTAINS	.csv file	Available under the Reports Tab in ATTAINS
ATTAINS Public Web Services	Allows for access to any publicly accessible data that are available within ATTAINS, including summary information at the HUC12 and state level.	Any publicly available data (with a status of public comment or higher). Data that is in 'Draft' or 'Working Copy' data are not available.	Can be automated via REST webservice calls	Json	More information is available at: https://www.epa.gov/waterdata/how-access-and-use-attains-web-services

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GIS Services	Provides access to the geospatial data that is in ATTAINS, including the state provided GIS and the corresponding catchments. Also contains summarized attributes to facilitate querying of the data and data download.	Most recent Org Final data or later. Data are available typically within 2-4 weeks of a state finalizing their data in ATTAINS.	ESRI Web Feature Service and Web Map Service. Additional functionality allows for the download of the attribute data as well	Web Map Service, Web Feature Service, Geojson, KML, json	Available at: https://gispub.epa.gov/arcgis/rest/services/OW/ATTAINS_Assessment/MapServer
How's My Waterway 2.0	Provides public friendly summaries to ATTAINS data, including an interface that integrates all of the above public access methods	Most recent Org Final data or later. Data are available typically within 2-4 weeks of a state finalizing their data in ATTAINS.	Web Interface	Download methods are currently not available within HMW, but any of the data can be visualized	https://mywaterway.epa.gov (link is not yet live, expected to go live in early June 2020). To access the demonstration application, go to: https://mywaterway-stage.app.cloud.gov/ username: mywater password: waters12!
Exchange Network Services	Provides access to ATTAINS data via Exchange Network Query and Solicit services	Access any draft data or prior cycle information that the user has access to	CDX Query and Solicit Services	Xml	Documentation on these services are available in the ATTAINS Flow Configuration Document, available at: https://www.exchangenetwork.net/schema/ATTAINS/1/ATTAINS_FCD_1.0.docx