

Virginia Department of Environmental Quality
Geospatial Data Fact Sheet

IP Watersheds

Dataset Summary

IP Watersheds are a spatial representation of the geographic area covered by a TMDL Implementation Plan. Watersheds represent areas on the ground that have implementation work proposed, implementation currently being done such as Best Management Practices (BMPs) installed or have had implementation work completed in the past. This dataset conveys the areas where Environmental Protection Agency (EPA) has approved the plan for implementation of a TMDL study or studies. The dataset includes attribution to indicate the status of the plan, the pollutant being addressed, the status of an on-the-ground project and whether the watershed (s) have had water quality success (Success Stories). The attribution also contains links the Implementation Report for more information.



Data Contact:

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Dataset Description and Purpose

This dataset represents the geospatial extent as polygons and the corresponding attribution for the Implementation Watersheds (IP Watersheds) associated with Implementation Plans within the Commonwealth of Virginia. IP Watersheds are updated, as IP Reports are completed (In Progress and Complete Status) and approved by the Environmental Protection Agency (Approved Status). Watershed boundaries are defined in the creation of the Implementation Report using custom boundaries and using the 12-digit National Watershed Boundary Dataset (NWBD) HUCs. There may be one or many IP Watersheds associated with an IP Report. IP Watersheds boundaries are created in ArcGIS desktop with a unique ID (WATERSHED_ID) used to join to TMDL IP CEDS database to display attribution associated with each record.

Protection Agency (US EPA) approved digital version of the TMDL Watershed Areas in Virginia. Crediting the Virginia Department of Environmental Quality

Dataset Credits:

Developed by Watershed Programs/DEQ

Resource Constraints / Use Limitations

Data set geometry and attribution should not be altered except by the developer (VA DEQ). This dataset constitutes the United States Environmental

Update Cycle:

Dataset updated continuously, as Implementation Reports are completed and approved by EPA.

Data Disclaimer

This geographic information system (GIS) data is made available as a public service. **This dataset is to be used for reference purposes only and Virginia Department of Environmental Quality is not responsible for any inaccuracies herein contained**. No responsibility is assumed for damages or other liabilities due to the accuracy, availability, use or misuse of the information herein provided. GIS information is in the public domain and may be copied without permission; citation of the source is suggested.

The information contained within this geospatial dataset is for reference purposes only and is **not** to be construed or used as a "legal description" or for legal purposes. This information is believed to be accurate, but accuracy is not guaranteed. Information drawn from this dataset must be used in consultation with appropriate federal, state, or local resource management officials. Any errors or omissions should be reported to Virginia Department of Environmental Quality via email, or via the contact listed within this Fact Sheet.

Data Quality

This dataset was created using a combination of spatial deliveries from contractors and reference datasets such as the USGS NWBD 12-digit hydrologic unit boundaries.

Spatial Reference Information

Virginia Department of Environmental Quality

DEQ
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

EPSG 3857: WGS 84 / Web Mercator – Spherical Mercator: https://epsg.io/3857

Data Dictionary / Field Information.

Field Name	Field Alias	Field Summary
OBJECTID		Sequential unique whole numbers that are automatically generated
IP_NAME	Implementation Plan Name	Name of Implementation Plan
Watershed_ID	Watershed ID	Automatically generated for internal tracking purposes and is the unique identifier for the dataset
INSERTED_BY		System maintained field displaying a user id of person who created the record
INSERTED_DATE		System maintained date field indicating date record was created
CHANGED_BY		System maintained date field indicating the user id of person last edited the record
CHANGED_DATE		System maintained date field indicating the last edited date of record
GLOBALID		Sequential unique whole numbers that are automatically generated
Shape		Feature geometry
Shape_StArea		Automatically generated area field
Shape_StLength		Automatically generated length field
OBJECTID		Sequential unique whole numbers that are automatically generated
Priority	Priority Watershed	Number indicating priority for watershed for BMP tracking purposes for implementation projects.
WATERSHED_ID	Watershed ID	Automatically generated for internal tracking purposes and is the unique identifier for the dataset
WATERSHED_NAME	Watershed Name	Name of Individual Implementation Watershed
REPORT_NUMBER	Report ID	Report ID is automatically generated for internal tracking purposes
EPA_Approved_Date	EPA Approval Date	EPA Approval date for Implementation Plan
Complete_Report_Link	Complete Report Link	Link to full Implementation Report
Region	DEQ Region	Lead DEQ Region
Report_Status	Report Status	Status of Implementation Report
Watershed_Status	Watershed Status	Status of Implementation Project within Individual Watershed

Field Name	Field Alias	Field Summary
Pollutants	Pollutants	Pollutant addressed by Implementation Report
Succ_Story_Types	Success Story Type	Success Story Type – EPA designation
Succ_Story_Link	Success Story Link	Link to full Success Stories on DEQ website