

Dataset Summary

The Stormwater Construction General Permit layer is a spatial representation of the locations for which a General Virginia Pollutant Discharge Elimination System (VPDES) Permit for Discharges of Stormwater from Construction Activities (Construction General Permit or CGP) have been issued in the Commonwealth of Virginia. The dataset includes attribution to indicate the status of the CGP, issue date, total area of development, estimated area to be disturbed, and estimated project start and end dates. The attribution also contains termination information for CGPs that have been terminated.



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Dataset Description and Purpose

This dataset represents the geospatial extent as points and the corresponding attribution for locations for which a CGP have been issued within the Commonwealth of Virginia. CGP locations are created in ArcGIS desktop with a unique ID (PERMIT_NUMBER) used to join to SWCGP CEDS database to display attribution associated with each record.

Resource Constraints / Use Limitations

Data set geometry and attribution should not be altered except by the developer (VA DEQ). Users are encourage do direct data requests to DEQ for direct data download as changes are continuously made.

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 latitude and longitude.

Spatial Reference Information

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

Data Dictionary / Field Information

Field Name	Field Alias	Field Summary
PERMIT_NUMBER	Permit Number	VAR10 Construction General permit number

Field Name	Field Alias	Field Summary
SWC_ALT_AUTH_ID	Alternate Authority ID	Stormwater Management (SWM) Plan Review number
SWC_ANNUAL_STAND_YN	Annual Standards & Specs Yes/No	Is this an Annual Standards & Specs project?
SWC_APP_CMPLT_DT	Application Complete Date	Date the application is deemed complete
SWC_APP_EFF_DT	General Permit Effective Date	Start date of the 5-year permit cycle
SWC_APP_EXP_DT	General Permit Expiration Date	Expiration date of the 5-year permit cycle
SWC_APP_STATUS_CD	Permit Status Code	Permit status (permit issued, terminated, in progress, etc.)
SWC_AUTHORITY_ID	Authority ID	SWM Plan # or additional identification
SWC_COVERAGE_LETTER_SENT_DATE	Coverage Letter Sent Date	Permit issue date
SWC_CZM_YN	Coastal Zone Management Yes/No	Is the project located in a Coastal Zone Management area?
SWC_DEVEL_ACRES	Development Acres	Total Area of Development, in Acres
SWC_DISTURBED_ACRES	Disturbed Acres	Estimated Area to be Disturbed, in Acres
SWC_EST_PROJ_END_DATE	Estimated Project End Date	Estimated project end date
SWC_EST_PROJ_START_DATE	Estimated Project Start Date	Estimated project start date
SWC_EXCEPTIONAL_YN	Exceptional Waters Yes/No	Does the project discharge to Exceptional waters?
SWC_IMPAIRED_YN	Impaired Waters Yes/No	Does the project discharge to Impaired waters?
SWC_REGION	DEQ Regional Office	DEQ Regional Office where project is located
SWC_SWS_CODE	Status	Private, Public, State, or Federal project
SWC_SWT_CODE	Technical Criteria	Technical criteria used to evaluate SWM plans
SWC_TERM_A_YN	Termination Type A Yes/No	Reason for termination: Necessary permanent control measures included in the SWPPP for the site are in place and functioning effectively and final stabilization has been achieved on all portions of the site for which the operator is responsible
SWC_TERM_B_YN	Termination Type B Yes/No	Reason for termination: Another operator has assumed control over all areas of the site that have not been finally stabilized and obtained coverage for the ongoing discharge

Field Name	Field Alias	Field Summary
SWC_TERM_C_YN	Termination Type C Yes/No	Reason for termination: Coverage under an alternative VPDES or state permit has been obtained
SWC_TERM_D_YN	Termination Type D Yes/No	Reason for termination for residential construction only: Temporary soil stabilization has been completed and the residence has been transferred to homeowner
SWC_TERM_DATE	Termination Date	Date permit was terminated
SWC_TERM_FAC_ACRES	Facility Acres	Number of acres treated by SWM facility (BMP)
SWC_TERM_FAC_ADDR1	Facility Address	Address where BMP is located
SWC_TERM_FAC_ADDR2	Facility Address	Address where BMP is located cont.
SWC_TERM_FAC_CITY	Facility City	City where BMP is located
SWC_TERM_FAC_FIC_COUNTY	Facility County/FIPS Code	County where BMP is located
SWC_TERM_FAC_FIC_STATE	Facility State	State where BMP is located
SWC_TERM_FAC_IMP_ACRES	Facility Impervious Acres	Number of impervious acres treated by BMP
SWC_TERM_FAC_LAT	Facility Latitude	BMP latitude
SWC_TERM_FAC_LNG	Facility Longitude	BMP longitude
SWC_TERM_FAC_STATE	Facility State	State where BMP is located
SWC_TERM_FAC_TYPE	Facility Type	Type of BMP installed
SWC_TERM_FAC_ZIP	Facility Zip Code	Zip code where BMP is located
SWC_TERM_FAC_ZIP_EXT	Facility Zip Code Extension	Zip code extension
SWC_TERM_NC_ACQUIRED	Nutrient Credits Acquired	Total Nutrient Credits Acquired, reported in pounds of Phosphorus
SWC_TERM_NC_NAME	Nutrient Credit Name	Nutrient credit bank name
SWC_TMDL_YN	TMDL Yes/No	Does project discharge to waters with a Total Maximum Daily Load (TMDL)?
SWC_VDOT_OPERATOR_YN	VDOT Operator Yes/No	Virginia Department of Transportation project?
SWC_LINEAR_PROJ_YN	Linear Project Yes/No	Is it a linear project (i.e. utility, etc.)?
SWC_LOC_ADDRESS1	Location Address	Construction activity address
SWC_LOC_ADDRESS2	Location Address	Construction activity address cont.
SWC_LOC_CITY	Location City	Construction activity city

Field Name	Field Alias	Field Summary
SWC_LOC_LAT	Location Latitude	Construction activity latitude
SWC_LOC_LNG	Location Longitude	Construction activity longitude
SWC_LOC_NAME	Location Name	Construction activity name
SWC_LOC_STATE	Location State	Construction activity state
SWC_LOC_ZIP	Location Zip	Construction activity zip code
SWC_LOC_ZIP_EXT	Location Zip Extension	Construction activity zip code extension
SWC_MS4_OPERATOR_ID	MS4 Operator ID	Municipal Separate Storm Sewer System (MS4) permit number (applicable only if project discharges to a MS4)
SWC_NATURE	Nature of Construction	Description of the project (Industrial, Residential, Commercial, etc.)
SWC_OPE_ADDRESS1	Operator Address	Operator address
SWC_OPE_ADDRESS2	Operator Address	Operator address cont.
SWC_OPE_CITY	Operator City	Operator city
SWC_OPE_CON_FNAME	Operator Contact First Name	Contact first name
SWC_OPE_CON_LNAME	Operator Contact Last Name	Contact last name
SWC_OPE_E_TRANSMIT_YN	Electronic Transmit Yes/No	Is permit coverage letter electronically transmitted?
SWC_OPE_EMAIL	Operator Email	Operator email address
SWC_OPE_EMAIL_CC	Operator CC Email	Operator CC email address
SWC_OPE_NAME	Operator Name	Operator name (Business Entity)
SWC_OPE_PHONE	Operator Phone Number	Operator phone number
SWC_OPE_STATE	Operator State	Operator state
SWC_OPE_ZIP	Operator Zip Code	Operator zip code
SWC_OPE_ZIP_EXT	Operator Zip Code Extension	Operator zip code extension
SWC_PART_OF_PLAN_YN	Part of Common Plan of Development Yes/No	Is this project part of a Common Plan of Development?