

Metadata record for the Metro Stormwater Geodata Project Sample Pilot Dataset

March 31, 2020

Go to Section:

1. [Overview](#)
2. [Data Quality](#)
3. [Data Organization](#)
4. [Coordinate System](#)
5. [Attributes](#)
6. [Distribution – Get Data](#)
7. [Metadata Reference](#)

Section 1: Overview

Originator: The Metro Stormwater Geodata Project Steering Team, co-coordinated by:
Alex Blenkush, Hennepin County Public Works
Carrie Magnuson, Ramsey Washington Metro Watershed District
Geoff Maas, Ramsey County Information Services

Title: **Metro Stormwater Geodata Project Sample Pilot Dataset**

Abstract: This dataset is a compilation of geospatial data representing stormwater system infrastructure in a defined pilot area encompassing two stormwater drainage areas ('storm-sheds') within the cities of Bloomington (Hennepin County) and Eagan (Dakota County). The dataset contains information sourced from numerous agencies and interests including the Cities of Bloomington and Eagan, the Counties of Dakota and Hennepin, the Metropolitan Council, the Minnesota Department of Natural Resources and the Minnesota Department of Transportation.

The point features include representations of basin centroids, best management practice site centroids, hydraulic control structures, inlets, outlets, lift stations and artificial points.

The linear features include representation of stormwater pipes, natural and man-made channels and artificial paths.

The polygon features include representation of the extends of basins and best management practices sites (swales, rain gardens, etc.)

Additional information is made available in the accompanying documentation provided by the Metro Stormwater Geodata Project Steering Team. Links to these documents are found below or can be acquired by contacting the contact person listed in this metadata record.

Any questions or comments about suspected anomalies, errors or omissions in this dataset can be addressed to the contact person listed in this metadata record.

Purpose: To primary purpose of this dataset is to serve as a reference tool for the statewide stakeholder community in Minnesota to enhance their ability to provide comment, suggestions, feedback and recommended improvements

Time Period of Content Date: 11/1/2019 - 3/31/2020

Current-ness Reference: This dataset reflects the status of each contributing agencies geometric features data and accompanying attribute database as of the following dates:

City of Bloomington and Hennepin County:	November 1, 2019
City of Eagan, Dakota County and Metropolitan Council:	December 6, 2019

Progress: Complete; the dataset is a “one-off” sample to be used for reference and review and will not be updated. As such, this dataset is considered complete to the extent that it meets the specific need for which it was designed: to facilitate the public stakeholder review of the standard schema in which the data is represented.

Maintenance and Update Frequency: This is a “single instance” dataset, created as a reference tool for the geospatial user community to use in assessing the Stormwater Geodata Transfer Standard as developed by the Metro Stormwater Geodata Project.

Spatial Extent of Data: The sample pilot data covers an area of approximately 5.87 square miles roughly centered on the State Highway 77 bridge crossing the Minnesota River between Bloomington and Eagan. An additional dataset is included

Bounding Coordinates of Main Sample Pilot Dataset:

West: -93.269560

East: -93.196603

North: 44.846388

South: 44.805968

Bounding Coordinates of the stormwater Lift Station feature class:

West: -93.172712

East: -93.111335

North: 44.850520

South: 44.833649

Place Keywords:

Twin Cities, Dakota County, Hennepin County, City of Eagan, City of Bloomington;

Theme Keywords:

Stormwater data, storm sewers, stormwater network;

Theme Keyword Thesaurus:

None

Access Constraints:

None. This dataset is public domain under the Minnesota Government Data Practices Act (Minnesota Statutes Chapter 13).

Use Constraints:

None. This dataset is public domain under the Minnesota Government Data Practices Act (Minnesota Statutes Chapter 13).

Contact Person Information:

Geoffrey Maas, Senior Geospatial Business Analyst

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St. Paul, Minnesota 55101

Email: geoffrey.maas@co.ramsey.mn.us

Browse Graphic: None

Associated Data Sets: None

Section 2: Data Quality

Attribute Accuracy: A standard set of attribute fields is included for both the cities of Eagan and Bloomington in the sample pilot dataset, however, not all attributes may be fully available from the original data sources. No attempt has been made by the Metro Stormwater Geodata Project Steering Team to verify the accuracy of the data provided or collected to create the sample pilot dataset. Any questions or comments about suspected errors or omissions in this dataset can be addressed to the contact person listed in this metadata record. Links to that metadata can be found in the Horizontal Positional Accuracy element below.

Logical Consistency: No attempt was made to ensure topological relationships between the various contributed datasets, nor to edge-match or to rubber-sheet the data together, thus overlaps and gaps may potentially exist between data provided from the different sources.

Completeness: The dataset is presented ‘as is’ for the express purpose of facilitating the review of its structure and content and is not offered to meet any specific end-user purpose for flow routing, determination of ownership of fixtures or features or survey-grade accurate measurement or position accuracy of fixtures. Any questions or comments about suspected errors or omissions in this dataset can be addressed to the contact person listed in the individual county metadata.

Lineage: The participating cities in the study area assumed the role of converting their data from its native format to the draft Metro Stormwater Geodata Project’s Stormwater Geodata Transfer Standard format with UTM coordinates or from paper maps (with the requisite plan drawing references provided for digitizing). These data were then federated by Ramsey County GIS Staff into the final aggregated dataset.

Section 3: Spatial Data Organization

(Spatial Data Organization is not used in this metadata)

Section 4: Coordinate System

Coordinate System: Universal Transverse Mercator (UTM)
Projection: Universal Transverse Mercator (UTM)
UTM Zone Number: 15
Horizontal Datum: North American Datum 1983 (NAD83)
Horizontal Units: Meters

Section 5: Attributes

Overview: A standard set of attribute fields is used for each feature class represented in the sample pilot dataset. These are described in full detail in the accompanying documentation provided—which are available here: <https://www.metrogis.org/projects/stormsewers.aspx>

Section 6: Distribution

Publisher: The Metro Stormwater Geodata Project Steering Team

Publication Date: 04/17/2020

Contact Person Information:

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Distributor's Data Set Identifier:

Metro Stormwater Geodata Project Sample Pilot Dataset

Distribution Liability Disclaimer:

NOTICE: The Geographic Information System (GIS) Data to which this notice is attached are made available pursuant to the Minnesota Government Data Practices Act (Minnesota Statutes Chapter 13). THE GIS DATA ARE PROVIDED TO YOU AS IS AND WITHOUT ANY WARRANTY AS TO THEIR PERFORMANCE, MERCHANTABILITY, OR FITNESS FOR ANY PARTICULAR PURPOSE. This GIS dataset provides electronic geospatial data that represents stormwater fixtures and infrastructure and is federated together from original data developed by the City of Bloomington, City of Eagan, Dakota County, Hennepin County, Minnesota Department of Transportation, Minnesota Department of Natural Resources and Metropolitan Council. These agencies created the original data for their own internal business purposes and these organizations do not represent or warrant that the GIS Data or the data documentation are error-free, complete, current, or accurate. End users of these datasets, the geometric features and attributes contained within and all accompanying documentation are responsible for any consequences resulting from the use of the GIS data or reliance on the GIS Data. End users should consult the data documentation for this particular GIS Data to determine the limitations of the GIS Data and the precision with which the GIS Data may depict distance, direction, location, or other geographic features. If you transmit or provide the GIS Data (or any portion of it) to another user, it is recommended that the GIS Data include a copy of this disclaimer and this metadata. In no event will the City of Bloomington, City of Eagan, Dakota County, Hennepin County, Minnesota Department of Transportation, Minnesota Department of Natural Resources, Metropolitan Council or members of the Metro Stormwater Geodata Project Steering Team be liable for any damages, including loss of data, lost profits, business interruption, loss of business information or other pecuniary loss that might arise from the use of the GIS Data, accompanying documentation or any information they contain.

Ordering Instructions: See Online Linkage Below

Online Linkage: <https://www.metrogis.org/projects/stormsewers.aspx>

Section 7: Metadata Reference

Metadata Date: 04/01/2020

Contact Person Information:

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Metadata Standard Name: Minnesota Geographic Metadata Guidelines

Metadata Standard Version: 1.2

Metadata Standard Online Linkage:

<http://www.mngeo.state.mn.us/committee/standards/mgmg/metadata.htm>