

# Watershed Management and Protection Area 200' Buffer

Metadata also available as

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  - [Spatial Data Organization Information](#)
  - [Spatial Reference Information](#)
  - [Entity and Attribute Information](#)
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  - [Metadata Reference Information](#)
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### *Identification Information:*

#### *Citation:*

##### *Citation Information:*

*Originator:* York County GIS

*Publication Date:* Unpublished Material

*Title:* Watershed Management and Protection Area 200' Buffer

*Geospatial Data Presentation Form:* vector digital data

*Online Linkage:*

Server=gis2; Service=5151; Database=york; User=gisadmin; Version=sde.DEFAULT

#### *Description:*

##### *Abstract:*

In accordance with the objectives of the comprehensive plan, the Watershed Management and Protection Area Overlay regulations are intended to ensure the protection of watersheds surrounding current or potential public water supply reservoirs. The establishment of these regulations is intended to prevent the causes of degradation of the water supply reservoir as a result of the operation or the accidental malfunctioning of the use of land or its appurtenances within the drainage area of such water sources. A two hundred foot (200') [60m] wide buffer strip shall be maintained along the edge of any tributary stream or reservoir. The required setback distance shall be measured from the centerline of such tributary stream and from the mean high water level of such reservoir. Such buffer strip shall be maintained in its natural state or shall be planted with an erosion resistant vegetative cover. In the case of tributary streams located upstream from a stormwater management facility designed to provide water quality protection, no buffer shall be required if such facility has been designed to accommodate and manage the quality of runoff from the subject site.

##### *Purpose:*

WMP200 shows the 200' watershed management and protection area overlay district buffer for mapping and analysis

##### *Supplemental Information:*

The zoning administrator may authorize a reduction in the two hundred foot (200') [60m] wide buffer down to an absolute minimum of fifty feet (50') [15m] upon presentation of an impact study, as defined herein, which provides documentation and justification, to the satisfaction of the zoning administrator, that even with the reduction, the same or a greater degree of water quality protection would be afforded as would be with the full-width buffer. In granting such authorization, the zoning administrator may require such additional erosion control and runoff control measures as deemed necessary.

Except as provided below, all development shall be located outside of the required buffer strip.

- a. The buffer strip requirement shall not apply to development which is appurtenant to the production, supply, distribution or storage of water by a public water supplier.
- b. Encroachment into or through the required buffer by roads, main-line utilities, or stormwater management structures may be permitted by the zoning administrator provided the following performance standards are met:
  1. Road and main-line utility crossings will be limited to the shortest path possible and that which causes the least amount of land disturbance and alteration to the hydrology of the watershed.
  2. Stormwater management facilities located within the buffer must be designed to be a part of a watershed stormwater management program.
  3. No more land shall be disturbed than is necessary.
  4. Indigenous vegetation shall be preserved to the maximum extent possible.
  5. Wherever possible, disturbed areas shall be planted with trees and shrubs.
  6. The post-development non-point source pollutant loading rate shall be no greater than ninety percent (90%) of the pre-development pollutant loading rate.
  7. Non-essential elements of the road or utility project, as determined by the zoning administrator, shall be excluded from the buffer.
- c. When the property where an encroachment is proposed is owned by the entity owning and operating the water supply reservoir being protected, and such entity specifically and in writing authorizes and approves the encroachment, it shall be allowed.

*Time\_Period\_of\_Content:*

*Time\_Period\_Information:*

*Single\_Date/Time:*

*Calendar\_Date:* unknown

*Currentness\_Reference:* ground condition

*Status:*

*Progress:* Complete

*Maintenance\_and\_Update\_Frequency:* None planned

*Spatial\_Domain:*

*Bounding\_Coordinates:*

*West\_Bounding\_Coordinate:* -76.757730  
*East\_Bounding\_Coordinate:* -76.407244  
*North\_Bounding\_Coordinate:* 37.350596  
*South\_Bounding\_Coordinate:* 37.089419

*Keywords:*

*Theme:*

*Theme\_Keyword\_Thesaurus:* None  
*Theme\_Keyword:* WMP  
*Theme\_Keyword:* 200' buffer  
*Theme\_Keyword:* watershed  
*Theme\_Keyword:* watershed management  
*Theme\_Keyword:* watershed management and protection area overlay district

*Place:*

*Place\_Keyword:* York County  
*Place\_Keyword:* Virginia

*Access\_Constraints:* None

*Use\_Constraints:*

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*Point\_of\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* York County GIS  
*Contact\_Person:* Korine Leonard

*Contact\_Position:* GIS Manager

*Contact\_Address:*

*Address\_Type:* mailing address  
*Address:* 120 Alexander Hamilton Blvd.  
*Address:* P.O. Box 532  
*City:* Yorktown  
*State\_or\_Province:* Virginia  
*Postal\_Code:* 23690-0532  
*Country:* USA

*Contact\_Address:*

*Address\_Type:* physical address

*Address:* 120 Alexander Hamilton Blvd.  
*Address:* Room 104  
*City:* Yorktown  
*State\_or\_Province:* Virginia  
*Postal\_Code:* 23690-0532  
*Country:* USA

*Contact\_Voice\_Telephone:* (757) 890-3899  
*Contact\_TDD/TTY\_Telephone:* (757) 890-3300  
*Contact\_Facsimile\_Telephone:* (757) 890-3587  
*Contact\_Electronic\_Mail\_Address:* gis@yorkcounty.gov  
*Hours\_of\_Service:* 8:15 a.m. to 5:00 p.m. EDT

*Native\_Data\_Set\_Environment:*

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 9.1.0.780

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*Data\_Quality\_Information:*

*Lineage:*

*Process\_Step:*

*Process\_Description:* Dataset copied.

*Source\_Used\_Citation\_Abbreviation:*

Server=gis2; Service=5151; Database=york; User=gisadmin; Version=sde.DEFAULT

*Process\_Step:*

*Process\_Description:* Dataset copied.

*Source\_Used\_Citation\_Abbreviation:* \\gis\oldsys\$\gis2\korine\sde082205bak.mdb

*Process\_Step:*

*Process\_Description:* Dataset copied.

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*Process\_Step:*

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*Source\_Used\_Citation\_Abbreviation:* \\gis2\gis\$\Backups\sde20050910.mdb

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*Spatial\_Data\_Organization\_Information:*

*Direct\_Spatial\_Reference\_Method:* Vector

*Point\_and\_Vector\_Object\_Information:*

*SDTS\_Terms\_Description:*

*SDTS\_Point\_and\_Vector\_Object\_Type:* G-polygon

*Point\_and\_Vector\_Object\_Count:* 17

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*Spatial\_Reference\_Information:*

*Horizontal\_Coordinate\_System\_Definition:*

*Planar:*

*Map\_Projection:*

*Map\_Projection\_Name:* Lambert Conformal Conic  
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*Longitude\_of\_Central\_Meridian:* -78.500000  
*Latitude\_of\_Projection\_Origin:* 36.333333  
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*Planar\_Coordinate\_Information:*

*Planar\_Coordinate\_Encoding\_Method:* coordinate pair  
*Coordinate\_Representation:*

*Abscissa\_Resolution:* 0.000833  
*Ordinate\_Resolution:* 0.000833

*Planar\_Distance\_Units:* survey feet

*Geodetic\_Model:*

*Horizontal\_Datum\_Name:* North American Datum of 1983  
*Ellipsoid\_Name:* Geodetic Reference System 80  
*Semi-major\_Axis:* 6378137.000000  
*Denominator\_of\_Flattening\_Ratio:* 298.257222

*Vertical\_Coordinate\_System\_Definition:*

*Altitude\_System\_Definition:*

*Altitude\_Resolution:* 1.000000  
*Altitude\_Encoding\_Method:*  
Explicit elevation coordinate included with horizontal coordinates

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*Entity\_and\_Attribute\_Information:*

*Detailed\_Description:*

*Entity\_Type:*

*Entity\_Type\_Label:* york.GISADMIN.WMP200

*Attribute:*

*Attribute\_Label:* OBJECTID  
*Attribute\_Definition:* Internal feature number.  
*Attribute\_Definition\_Source:* ESRI  
*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:*

Sequential unique whole numbers that are automatically generated.

*Attribute:*

*Attribute\_Label:* WMP

*Attribute:*

*Attribute\_Label:* SHAPE

*Attribute\_Definition:* Feature geometry.

*Attribute\_Definition\_Source:* ESRI

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:* Coordinates defining the features.

*Attribute:*

*Attribute\_Label:* SHAPE.area

*Attribute:*

*Attribute\_Label:* SHAPE.len

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*Distribution\_Information:*

*Distributor:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* York County GIS

*Contact\_Person:* Korine Leonard

*Contact\_Position:* GIS Manager

*Contact\_Address:*

*Address\_Type:* mailing address

*Address:* 120 Alexander Hamilton Blvd.

*Address:* P.O. Box 532

*City:* Yorktown

*State\_or\_Province:* Virginia

*Postal\_Code:* 23690-0532

*Country:* USA

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*Address\_Type:* physical address

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*Contact\_Facsimile\_Telephone:* (757) 890-3587  
*Contact\_Electronic\_Mail\_Address:* gis@yorkcounty.gov  
*Hours\_of\_Service:* 8:15 a.m. to 5:00 p.m. EDT

*Resource\_Description:* Downloadable Data

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*Metadata\_Reference\_Information:*

*Metadata\_Date:* 20080410

*Metadata\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* York County GIS

*Contact\_Person:* Stephanie Peters

*Contact\_Position:* GIS Analyst

*Contact\_Address:*

*Address\_Type:* mailing address

*Address:* 120 Alexander Hamilton Blvd.

*Address:* P.O. Box 532

*City:* Yorktown

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*Contact\_Electronic\_Mail\_Address:* gis@yorkcounty.gov

*Hours\_of\_Service:* 8:15 a.m. to 5:00 p.m. EDT

*Metadata\_Standard\_Name:* FGDC Content Standards for Digital Geospatial Metadata

*Metadata\_Standard\_Version:* FGDC-STD-001-1998

*Metadata\_Time\_Convention:* local time

*Metadata\_Extensions:*

*Online\_Linkage:* <<http://www.esri.com/metadata/esriprof80.html>>

*Profile\_Name:* ESRI Metadata Profile

