

James City County GIS Layers Metadata – DRAFT

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Attribute Accuracy Report:

James City County makes every reasonable effort to insure the accuracy of the data set. Within the urban areas of the county we strive to have a plus or minus 5 foot accuracy. Out in the rural areas, where sometimes we do not have any recently recorded plats, the accuracy could go higher to almost a plus or minus 20 feet.

Spatial Reference Information:

Projected Coordinate System: NAD 1983 StatePlane Virginia South FIPS 4502 Feet

Projection: Lambert Conformal Conic

Linear Unit: Foot US

Geographic Coordinate System: GCS North American 1983

Datum: D North American 1983

Data Format: ESRI Shapefile (.shp)

Agricultural and Forestal District

Polygon layer to show the parcels that fall into the Agricultural and Forestal District

File name: JCC_AFD.shp

Fields

CASE_ = Case Number

NAME = Case Name

PIN = Parcel Identification Number

CODE = internal field

Bikeways

Line layer displaying current and future bikeways for James City County, York County and City of Williamsburg. Map layer is maintained by York County.

BMP Ponds

Point layer showing locations of Best Management Practice Ponds maintained by the Environment Department.

File name: JCC_BMPs.shp

Fields

ID =

BMP_ =

PHASE =

Buildings

Polygon layer displaying building footprints as of the 2007 Orthophotography.

File name: JCC_Buildings.shp

Fields

Code = Classification of building

Census Data

All census data layers were created and are maintained by the U.S. Census Bureau. Data can be downloaded via their website: <http://www.census.gov>

Comprehensive Plan

Polygon layer displaying the 2003 Comprehensive Plan land uses.

File name: JCC_CompPlan.shp

Fields

CODE_DEFIN = Classification of land use

Contours 2 Feet

Line layer depicting 2 foot contour elevations derived from the 2007 Orthophotography Digital Terrain Model.

File name: JCC_Topography.shp

Fields

ELEVATIO = Elevation

INTERVAL_ = interval for contours 2, 10 or 20 feet

TEXT_LABEL = Label for all contours

Feet_10 = Label for 10 foot interval contours only

Feet_20 = Label for 20 foot interval contours only

County Boundary

Polygon layer displaying the political boundary of James City County.

File name: JCC_County_Boundary.shp

Easements

Polygon layer depicting the easements by classification.

File name: JCC_Easements.shp

Fields

Access = Access/Egress/Ingress/Prohibitive
ColonialPi = Colonial Pipeline
Conservati = Conservation
Dam = Dam
DrainagePr = Private Drainage
DrainagePu = Public Drainage
Greenway = Greenway
HRSD = Hampton Roads Sanitation Department
Landscape = Landscape/Landscape Protection Zones
Miscellane = Miscellaneous easements
OpenSpace = Open Space
Scenic = Scenic
SewerLine = Sewer Line
UtilityMis = Miscellaneous Utility easements
VDOT = Virginia Department of Transportation
VirginiaPo = Virginia Power
WaterLine = Water Line
Wetlands = Wetlands
Stormwater = Storm Water

Edge of Pavement

Polygon layer displaying the edge of pavement derived from the 2007 Orthophotography.

Layer created by SANBORN Total Geospatial Solutions

Features are in the process of being coded.

File name: JCC_Edge_Of_Pavement.shp

Enterprise Zone

Polygon layer showing the extent of the James River Enterprise Zone.

File name: JCC_Enterprise_Zone.shp

FEMA Flood Hazards

All FEMA Flood Hazard data layers were created and are maintained by the Federal Emergency Management Agency (FEMA). Data can be downloaded via their website: <http://www.fema.gov/hazard/flood>

Geodetic Ground Control Network

Point layer displaying the 1990 geodetic ground control network. The survey mark reference and recovery data guide is available for download: http://www.jccgov.com/pdf/gisdocuments/JCC_Geodetic_Ground_Control_Network.pdf

File name: JCC_Control_Points.shp

Fields

CONTROL83A = Unique ID

CONTROL8_1 = Station number

X = Easting coordinate for the Virginia State Plane South (NAD83) coordinate system

Y = Northing coordinate for the Virginia State Plane South (NAD83) coordinate system

Elevation = Elevation in feet

Golf Courses

Two polygon layers showing the locations and information for golf courses and golf greens derived from the 2007 Orthophotography.

File name: JCC_Golf_Courses.shp

Fields

COURSE = Name of the golf course

HOLE = Hole number

Course2 = Abbreviated name of golf course

FireMapBoo = internal field

File name: JCC_Golf_Greens.shp

Fields

COURSE = Name of the golf course

HOLE = Hole number

Marsh

Polygon layer displaying the marsh areas derived from the 2007 Orthophotography Digital Terrain Model.

File name: JCC_Marsh.shp

Orthophotography 2007 Grid

Polygon layer displaying the 2007 Orthophotography grid. Each tile represents one 2007 photo with six inch resolution.

File name: JCC_Orthophotography_2007_Grid.shp

Fields

NAME = Tile identifier

Parcels

Property polygons and data for parcels showing property boundaries and information for each parcel.

File name: JCC_Parcels.shp

Fields

PIN = Parcel Identification Number

TaxMapPage = Map Book Number, first three digits of PIN

DC = Double Circle Number, fourth and fifth digits of PIN

LOT_NUM = Lot Number, last digits of PIN

ADDR_NUM = Address Number

PRE_DIR = Street Direction of Address

PLAINST = Street Name of Address

STREETTYPE = Street Type of Address

SUF_DIR = Street Name of Address

APT = Apartment Number of Address

CITY = City of Address

Parks

Polygon layer displaying parks and recreation land in and around James City County.

File name: JCC_Parks.shp

Fields

PIN = Parcel Identification Number if available

OWNER1 = Jurisdictional owner

NAME = Name of park or recreation

Locality = Location of park or recreation

Polling Places

Point layer showing the polling locations for James City County precincts.

File name: JCC_Polling_Place.shp

Fields

NAME = Name of polling location

PRECINCT = James City County precinct

PCTNUM = Precinct Number

CODE = internal field

Precincts

Polygon layer showing the locations of voting precincts for James City County.

File name: JCC_Precincts.shp

Fields

PRECINCT = James City County voting precinct

HOUSE_DIST = Virginia House of Delegates district number

POLLING_PL = Name of Polling location

DISTRICT = James City County district

District_n = James City County district number

Primary Service Area

Polygon layer displaying the Primary Service Area (PSA). The James City County Board of Directors has authorized water and sewer operations for the James City Sewer Authority (JCSA) within the PSA in the County.

File name: JCC_PSA.shp

Railroad

Line layer showing the centerline of railroad tracks derived from the 2007 Orthophotography.

File name: JCC_Railroad.shp

Fields

NAME = Owner of railroad line

Locality = Location of railroad

Tracks = Number of railroad tracks

Class = Classification between main line and local line

Resource Protection Area and Buffer

Polygon layer showing the extents of the Resource Protection Area (RPA) and 100-foot buffer. Environmental features that play a vital role in James City County's effort to Protect the Chesapeake Bay, as well as a 100-foot buffer area adjacent to and extending landward from them, are protected by the County's Chesapeake Bay Preservation Ordinance. This layer is maintained by the Environment Department.

File name: JCC_PRA_and_Buffer.shp

Fields

RPA_ID = RPA Classification (1-1990, 2-2004 Revised, 3-Field Verified, 4-Surveyed)

Right of Way

Polygon layer showing location of VDOT right of way (ROW) and private ROW.

File name: JCC_ROW.shp

Fields

Type = ROW classification, not validated

Schools

Point layer showing the locations of the Williamsburg-James City County public schools.

File name: JCC_Schools.shp

Fields

NAME = Name of school

SOURCETHM = Type of school (Elementary, Middle, High)

Code = internal field

Code2 = internal field

Location = Location of school, either James City County or City of Williamsburg

Rotate = internal field

ADDR = Street address for school

CITY = City address for school

STATE = State address for school

ZIP = Zip Code address for school

Code_1 = internal field

Schools Zones

Polygon layers showing the elementary, middle, and high school districts of the Williamsburg-James City County public school system.

File name: JCC_Elementary_School_Zones.shp

Fields

NAME = Name of school district

File name: JCC_Middle_School_Zones.shp

Fields

NAME = Name of school district

File name: JCC_High_School_Zones.shp

Fields

NAME = Name of school district

Sections

Polygon layers showing the division, phase, or section of a subdivision.

File name: JCC_Sections.shp

Fields

Subdivisio = Subdivision name

Phase = Division, phase, or section of the subdivision

Soils

All Soil data layers were created and are maintained by the U.S. Department of Agriculture, Natural Resources Conservation Service. Data can be downloaded via their website: <http://soils.usda.gov>

Spot Elevations

Point layer displaying spot elevation derived from the 2007 Orthophotography Digital Terrain Model.

File name: JCC_Spot_Elevations.shp

Fields

Handle = internal field

Elevation = Elevation in feet

Streams

Line layer displaying the streams derived from the 2007 Orthophotography Digital Terrain Model.

File name: JCC_Streams.shp

Fields

Name = Stream name, not validated

Streets

Line layer displaying the street centerlines for James City County and some surrounding areas.

File name: JCC_Streets.shp

Fields

PRE_DIR = Name prefix, such as North, South, East, West

PLAINST = Name of street

STREETTYPE = Name type designation such as Lane, Road, Drive, Court

SUF_DIR = Name suffix, such as North, South, East, West

CITY = Location of street

NAME = Street name concatenated including prefix, name, type, suffix

Code = Street classification, such as interstate, primary, secondary, dirt

Subdivisions = Subdivision name street is in if applicable

Identifier = VDOT unique identifier

Date_2 = Date street added or changed in layer

Locality = Location of street

SpeedLimit = Posted Speed Limit

Taxmap = internal field

ROUTE = Route number designation if applicable

Subdivisions

Polygon layer derived from combining parcels that share the same neighborhood.

File name: JCC_Subdivisions.shp

Fields

NAME = Subdivision name

Prop_Type = Classification of subdivision

Tax Map Grid

Polygon layer displaying the tax map grid.

File name: JCC_Tax_Map_Grid.shp

Fields

SHEET = Tax map page number

Transit

Line layer displaying the Williamsburg Area Transit bus routes and a point layer showing the bus stops.

File name: JCC_Transit_Lines.shp

Fields

Line = Classification of bus route

Blue = Blue line

Gray = Gray line

Green = green line

Orange = Orange line

Purple = Purple line

Red = Red line

Tan = Tan line

Yellow = Yellow line

File name: JCC_Transit_Stops.shp

Fields

Route = Classification of bus route

Descriptio = Description of bus stop location

Bound = Route direction

Watersheds

Polygon layer displaying the Watersheds created by the Environmental Department.

File name: JCC_Watersheds.shp

Fields

NAME = Watershed name

ID_CODE = Abbreviation of watershed name

Water Bodies

Polygon layer displaying the water features derived from the 2007 Orthophotography Digital Terrain Model.

File name: JCC_Water.shp

Fields

NAME = Water body name

JCC = Water body is located within James City County

Tidal = Water body is tidal

Wetlands

All National Wetlands Inventory data layers were created and are maintained by the U.S. Department of the Interior, Fish and Wildlife Service. Data can be downloaded via their website: <http://www.fws.gov/nwi>

Zoning

Polygon layer displaying the zoning classifications in the county.

File name: JCC_Zoning.shp

Fields

CODE = Zoning code classification

Descriptio = Zoning classification description