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Identification_Information:
  Citation:
    Citation_Information:
      Originator: Virginia Department of Environmental Quality
      Publication_Date: December 2010
      Title: va_10ir_wqm_stations
      Edition: final
      Geospatial_Data_Presentation_Form: vector digital data
      Online_Linkage: http://www.deq.virginia.gov/wqa/gisdata/ir2010gis.zip
  Description:
    Abstract: Virginia's 2010 Water Quality Monitoring Stations
    Purpose: Show all monitoring stations used in the 2010 Virginia
305(b)/303(d) Water Quality Assessment Integrated Report.
    Supplemental_Information: This dataset is supplemental GIS data to the 2010
Virginia 305(b)/303(d) Water Quality Assessment Integrated Report, the 2010
Assessment Unit hydrology geodatabse (va_10ir_aus_all.mdb) and the regionally
significant VPDES facilities shapefile (va_10ir_vpdes_facilities.shp).
  Time_Period_of_Content:
    Time_Period_Information:
      Range_of_Dates/Times:
        Beginning_Date: January 1, 2003
        Ending_Date: December 31, 2008
    Currentness_Reference: November 2010
  Status:
    Progress: Complete
    Maintenance_and_Update_Frequency: None planned
  Spatial_Domain:
    Bounding_Coordinates:
      West_Bounding_Coordinate: -83.732792
      East_Bounding_Coordinate: -75.223792
      North_Bounding_Coordinate: 39.441260
      South_Bounding_Coordinate: 36.462338
  Keywords:
    Theme:
      Theme_Keyword_Thesaurus: none
      Theme_Keyword: monitoring stations
      Theme_Keyword: water quality monitoring
      Theme_Keyword: assessment monitoring
      Theme_Keyword: 303d
      Theme_Keyword: 305b
      Theme_Keyword: ambient monitoring
      Theme_Keyword: fish tissue monitoring
      Theme_Keyword: citizen monitoring
      Theme_Keyword: benthic monitoring
      Theme_Keyword: bacteria sampling
      Theme_Keyword: bay monitoring
      Theme_Keyword: lake monitoring
  Access_Constraints: none
  Use_Constraints: Point locations and attributes should not be altered except
by the developer (VA DEQ).  This dataset constitutes the EPA approved digital
version of the suite of all monitoring sites used in the current water quality
assessment for Virginia. Crediting the Virginia Department of Environmental
Quality as data source is requested.
  Point_of_Contact:
    Contact_Information:
      Contact_Person_Primary:
        Contact_Person: Cleo L. Stevens
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        Contact_Organization: Virginia Department of Environmental Quality
      Contact_Position: Environmental/GIS Data Specialist Senior
      Contact_Address:
        Address_Type: mailing address
        Address: P.O. Box 1105
        City: Richmond
        State_or_Province: Virginia
        Postal_Code: 23218-1105
        Country: USA
      Contact_Voice_Telephone: 804-698-4191
      Contact_Facsimile_Telephone: 804-698-4032
      Contact_Electronic_Mail_Address: Cleo.Stevens@deq.virginia.gov
      Hours_of_Service: 0700-1800 M-Th (EDT)
  Data_Set_Credit: Virginia Department of Environmental Quality
  Native_Data_Set_Environment: Microsoft Windows XP Version 5.1 (Build 2600)
Service Pack 3; ESRI ArcGIS 9.2.6.1500
Data_Quality_Information:
  Lineage:
    Process_Step:
      Process_Description: Compiled regional Microsoft Access 2003 databases
(ir_mon_stations_2010_<Regional Office>.mdb into one statewide database.
      Process_Contact:
        Contact_Information:
          Contact_Person_Primary:
            Contact_Person: Cleo L. Stevens
    Process_Step:
      Process_Description: Established multiple SQL queries to check for general
errors in data entry.
      Process_Contact:
        Contact_Information:
          Contact_Person_Primary:
            Contact_Person: Cleo L. Stevens
    Process_Step:
      Process_Description: Per the results of SQL QA and regional input, values
were updated where necessary. Records were deleted or appended if necessary.
      Process_Contact:
        Contact_Information:
          Contact_Person_Primary:
            Contact_Person: Cleo L. Stevens
    Process_Step:
      Process_Description: Exported select fields from tbl_ir_mon_stations to XY
point layer.
      Process_Contact:
        Contact_Information:
          Contact_Person_Primary:
            Contact_Person: Cleo L. Stevens
    Process_Step:
      Process_Description: Executed Identity command to populate the VAHU61 and
MAP from vanwbd_v3_1247.shp to verify geocoding accuracy of WATERSHED and VAHU6
values entered by regional staff.
      Process_Contact:
        Contact_Information:
          Contact_Person_Primary:
            Contact_Person: Cleo L. Stevens
    Process_Step:
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Process_Description: Compared the output of station location to assessment
unit layers and DRGs to verify accuracy of the lat/long coordinates entered by
regional staff.
        Process_Contact:
          Contact_Information:
            Contact_Person_Primary:
              Contact_Person: Cleo L. Stevens
    Process_Step:
        Process_Description: Updated Access table with any revisions needed
from/requested by regional staff.
        Process_Contact:
          Contact_Information:
            Contact_Person_Primary:
              Contact_Person: Cleo L. Stevens
    Process_Step:
        Process_Description: Created a copy of the master database to edit for
shapefile creation.
        Process_Contact:
          Contact_Information:
            Contact_Person_Primary:
              Contact_Person: Cleo L. Stevens
    Process_Step:
        Process_Description: Created make table query in Access database to export
a table with modified field headings to conform to dBase IV field name, type and
size restrictions.
        Process_Contact:
          Contact_Information:
            Contact_Person_Primary:
              Contact_Person: Cleo L. Stevens
    Process_Step:
      Process_Description: Imported final revisions from Access table to ArcMap.
      Process_Contact:
        Contact_Information:
          Contact_Person_Primary:
            Contact_Person: Cleo L. Stevens
    Process_Step:
        Process_Description: Created XY shapefile from Access table of DEC_LAT and
DEC_LONG values.
        Process_Contact:
          Contact_Information:
            Contact_Person_Primary:
              Contact_Person: Cleo L. Stevens
    Process_Step:
        Process_Description: Added ASSESSED to populate whether at least one
sample parameter had a pass or fail assessment status. Added DEQ_STA field to
populate whether DEQ was the data owner/provider. Added MAPSTATYPE to categorize
values in STATYPE1, STATYPE2 and STATYPE3 as one mapping code. Populated MAP and
BASIN_NAME values from deq_basins.shp based on the station's spatial location.
        Process_Contact:
          Contact_Information:
            Contact_Person_Primary:
              Contact_Person: Cleo L. Stevens
    Process_Step:
        Process_Description: Dataset copied to 2010 assessment folder for use in
statistical calculations and mapping for the current assessment cycle.
        Process_Contact:
          Contact_Information:

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              Contact_Person_Primary:
                 Contact_Person: Cleo L. Stevens
        Process_Step:
           Process_Description: Metadata txt file revised and imported using Metadata
Import utility in ArcCatalog.
           Process_Contact:
              Contact_Information:
                 Contact_Person_Primary:
                    Contact_Person: Cleo L. Stevens
Spatial_Data_Organization_Information:
   Direct_Spatial_Reference_Method: Vector
   Point_and_Vector_Object_Information:
      SDTS_Terms_Description:
         SDTS_Point_and_Vector_Object_Type: Entity point
         Point_and_Vector_Object_Count: 7666
Spatial_Reference_Information:
   Horizontal_Coordinate_System_Definition:
      Planar:
         Map_Projection:
            Map_Projection_Name: Lambert Conformal Conic
            Lambert_Conformal_Conic:
               Standard_Parallel: 37.000000
               Standard_Parallel: 39.500000
               Longitude_of_Central_Meridian: -79.500000
               Latitude_of_Projection_Origin: 36.000000
               False_Easting: 0.000000
               False_Northing: 0.000000
         Planar_Coordinate_Information:
            Planar_Coordinate_Encoding_Method: coordinate pair
            Coordinate_Representation:
               Abscissa_Resolution: 0.000000
               Ordinate_Resolution: 0.000000
            Planar_Distance_Units: meters
      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
Entity_and_Attribute_Information:
   Detailed_Description:
      Entity_Type:
         Entity_Type_Label: va_10ir_wqm_stations
      Attribute:
         Attribute_Label: FID
         Attribute_Definition: Internal feature number.
         Attribute_Definition_Source: ESRI
         Attribute_Domain_Values:
            Range_Domain:
               Range_Domain_Minimum: 0
               Range_Domain_Maximum: 7665
      Attribute:
         Attribute_Label: Shape
         Attribute_Definition: Feature geometry.
         Attribute_Definition_Source: ESRI
         Attribute_Domain_Values:
            Enumerated_Domain:
               Enumerated_Domain_Value: Point
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            Enumerated_Domain_Value_Definition: a feature with one coordinate pair
and no length or area at any given scale
            Enumerated_Domain_Value_Definition_Source: ESRI
     Attribute:
       Attribute_Label: STATION_ID
       Attribute_Definition: Monitoring Station ID
       Attribute_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Unrepresentable_Domain: Alpha-numeric monitoring station identification
code
     Attribute:
       Attribute_Label: ID305B_1
       Attribute_Definition: Virginia Assessment Unit code
       Attribute_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Unrepresentable_Domain: Alpha-numeric assessment unit designation of the
water feature monitored by this record's station ID
     Attribute:
       Attribute_Label: ID305B_2
       Attribute_Definition: Virginia Assessment Unit code (if applicable)
       Attribute_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Unrepresentable_Domain: Alpha-numeric assessment unit designation of the
water feature monitored by this record's station ID
     Attribute:
       Attribute_Label: ID305B_3
       Attribute_Definition: Virginia Assessment Unit code (if applicable)
       Attribute_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Unrepresentable_Domain: Alpha-numeric assessment unit designation of the
water feature monitored by this record's station ID
     Attribute:
       Attribute_Label: REGION
       Attribute_Definition: VA DEQ Regional Office
       Attribute_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Enumerated_Domain:
           Enumerated_Domain_Value: CO
           Enumerated_Domain_Value_Definition: Central Office
           Enumerated_Domain_Value_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Enumerated_Domain:
           Enumerated_Domain_Value: NRO
           Enumerated_Domain_Value_Definition: Northern Regional Office
           Enumerated_Domain_Value_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Enumerated_Domain:
           Enumerated_Domain_Value: PRO
           Enumerated_Domain_Value_Definition: Piedmont Regional Office
           Enumerated_Domain_Value_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Enumerated_Domain:
           Enumerated_Domain_Value: SCRO
           Enumerated_Domain_Value_Definition: VA DEQ's Blue Ridge (Lynchburg)
Regional Office (formerly South Central Office)
           Enumerated_Domain_Value_Definition_Source: VA DEQ
       Attribute_Domain_Values:
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        Enumerated_Domain:
          Enumerated_Domain_Value: SWRO
          Enumerated_Domain_Value_Definition: Southwest Regional Office
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: TRO
          Enumerated_Domain_Value_Definition: Tidewater Regional Office
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: VRO
          Enumerated_Domain_Value_Definition: Valley Regional Office
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: WCRO
          Enumerated_Domain_Value_Definition: VA DEQ's Blue Ridge (Roanoke)
Regional Office (formerly West Central Office)
          Enumerated_Domain_Value_Definition_Source: VA DEQ
    Attribute:
      Attribute_Label: DEPTH
      Attribute_Definition: Sample Depth
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Unrepresentable_Domain: Alpha or numeric depth of sample if known or
applicable
    Attribute:
      Attribute_Label: STATYPE1
      Attribute_Definition: Primary Monitoring Station Type
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: A
          Enumerated_Domain_Value_Definition: DEQ Ambient Monitoring Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: B
          Enumerated_Domain_Value_Definition: DEQ Biological Monitoring Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: C
          Enumerated_Domain_Value_Definition: DEQ Fish Tissue Monitoring Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: C2
          Enumerated_Domain_Value_Definition: Coastal 2000 (NCA) Probabilistic
Monitoring Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ, NCA
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: CB
          Enumerated_Domain_Value_Definition: Chesapeake Bay Program Monitoring
Station
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        Enumerated_Domain_Value_Definition_Source: VA DEQ, CBP
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: CB-B
          Enumerated_Domain_Value_Definition: Chesapeake Bay Estuarine Benthic
Probabilistic Monitoring Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: CMON
          Enumerated_Domain_Value_Definition: Citizen Monitoring Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: CR
          Enumerated_Domain_Value_Definition: Citizen Requested (follow-up)
Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: EPA
          Enumerated_Domain_Value_Definition: Environmental Protection Agency
Monitoring Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ, EPA
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: FOSR
          Enumerated_Domain_Value_Definition: Friends of the Shenandoah River
Monitoring Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ, FOSR
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: FPM
          Enumerated_Domain_Value_Definition: Freshwater Probabilistic
Monitoring Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: L
          Enumerated_Domain_Value_Definition: DEQ Lake Monitoring Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: MU
          Enumerated_Domain_Value_Definition: Municipal Monitoring Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: NONA
          Enumerated_Domain_Value_Definition: Non-Agency (i.e. non-DEQ)
Monitoring Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: OWML
          Enumerated_Domain_Value_Definition: Occoquan Watershed Monitoring Lab
Station
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               Enumerated_Domain_Value_Definition_Source: VA DEQ, OWML
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: PFWQ
            Enumerated_Domain_Value_Definition: DEQ Pfiesteria Monitoring Station
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: SNP
            Enumerated_Domain_Value_Definition: Shenandoah National Park
Monitoring Station
            Enumerated_Domain_Value_Definition_Source: VA DEQ, US DOI-NPS-SNP
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: SS
            Enumerated_Domain_Value_Definition: DEQ Special Studies Monitoring
Station
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: TM
            Enumerated_Domain_Value_Definition: DEQ TMDL Monitoring Station
(special study)
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: TOX
            Enumerated_Domain_Value_Definition: Chesapeake Bay Special Toxics
Monitoring Station
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: TR
            Enumerated_Domain_Value_Definition: Trend Station
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: USFS
            Enumerated_Domain_Value_Definition: United States Forest Service
Monitoring Station
            Enumerated_Domain_Value_Definition_Source: VA DEQ, USFS
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: USFW
            Enumerated_Domain_Value_Definition: United States Fish and Wildlife
Service Monitoring Station
            Enumerated_Domain_Value_Definition_Source: VA DEQ, USFW
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: USGS
            Enumerated_Domain_Value_Definition: United States Geological Survey
Monitoring Station
            Enumerated_Domain_Value_Definition_Source: VA DEQ, USGS
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: UVA
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            Enumerated_Domain_Value_Definition: University of Virginia Monitoring
Station
            Enumerated_Domain_Value_Definition_Source: VA DEQ, UVA
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: VDHB
          Enumerated_Domain_Value_Definition: Virginia Department of Health
BEACH Monitoring Station
          Enumerated_Domain_Value_Definition_Source: VA DEQ, VDH
    Attribute:
      Attribute_Label: STATYPE2
      Attribute_Definition: Second Monitoring Station Type
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: blank
          Enumerated_Domain_Value_Definition: Only the value in STATYPE1 applies
as the monitoring type conducted at this station
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: not blank; see STATYPE1 for possible singular
values
          Enumerated_Domain_Value_Definition: See STATYPE1 for associated
definitions
          Enumerated_Domain_Value_Definition_Source: VA DEQ
    Attribute:
      Attribute_Label: STATYPE3
      Attribute_Definition: Third Monitoring Station Type
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: blank
          Enumerated_Domain_Value_Definition: Only the values in STATYPE1 and
STATYPE2 apply as the monitoring type conducted at this station
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: not blank; see STATYPE1 for possible values.
In order to capture all applicable monitoring activities at this station this
field can contain multiple station types separated by a comma.
          Enumerated_Domain_Value_Definition: See STATYPE1 for associated
definitions
          Enumerated_Domain_Value_Definition_Source: VA DEQ
    Attribute:
      Attribute_Label: DEC_LAT
      Attribute_Definition: Station Latitude in Decimal Degrees
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Range_Domain:
          Range_Domain_Minimum: 36.52722
          Range_Domain_Maximum: 39.43528
    Attribute:
      Attribute_Label: DEC_LONG
      Attribute_Definition: Station Longitude in Decimal Degrees
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
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      Range_Domain:
        Range_Domain_Minimum: -83.57611
        Range_Domain_Maximum: -75.303361
    Attribute:
      Attribute_Label: WATERSHED
      Attribute_Definition: DEQ Watershed ID derived from the last 3 characters
of DCR's 14-digit hydrologic unit code including waterbody type (R, L or E)
      Attribute_Definition_Source: VA DEQ, VA DCR
      Attribute_Domain_Values:
        Range_Domain:
          Range_Domain_Minimum: A01R
          Range_Domain_Maximum: R01E
    Attribute:
      Attribute_Label: VAHU6
      Attribute_Definition: Virginia's 6th order code of the National Watershed
Boundary Dataset
      Attribute_Definition_Source: VA DCR
      Attribute_Domain_Values:
        Range_Domain:
          Range_Domain_Minimum: AO01
          Range_Domain_Maximum: YO69
    Attribute:
      Attribute_Label: TEMP_VIO
      Attribute_Definition: Number of Temperature Water Quality Standard
Exceedences
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Range_Domain:
          Range_Domain_Minimum: 0
          Range_Domain_Maximum: 227
    Attribute:
      Attribute_Label: TEMP_SAMP
      Attribute_Definition: Number of Temperature Samples taken
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Range_Domain:
          Range_Domain_Minimum: 0
          Range_Domain_Maximum: 7766
    Attribute:
      Attribute_Label: TEMP_STAT
      Attribute_Definition: Temperature Assessment Status
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: blank
          Enumerated_Domain_Value_Definition: None; this parameter was not
sampled at this station
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: IM
          Enumerated_Domain_Value_Definition: Impaired
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: IN
          Enumerated_Domain_Value_Definition: Insufficient Data
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            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: IN/O
            Enumerated_Domain_Value_Definition: Insufficient Data with Observed
Effects
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: NA
            Enumerated_Domain_Value_Definition: Not Applicable
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: O
            Enumerated_Domain_Value_Definition: Observed Effects
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: S
            Enumerated_Domain_Value_Definition: Supporting
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: W
            Enumerated_Domain_Value_Definition: Not Assessed
            Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute:
        Attribute_Label: DO_VIO
        Attribute_Definition: Number of Dissolved Oxygen Water Quality Standard
Exceedences
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Range_Domain:
            Range_Domain_Minimum: 0
            Range_Domain_Maximum: 643
      Attribute:
        Attribute_Label: DO_SAMP
        Attribute_Definition: Number of Dissolved Oxygen Samples taken
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Range_Domain:
            Range_Domain_Minimum: 0
            Range_Domain_Maximum: 1423
      Attribute:
        Attribute_Label: DO_STAT
        Attribute_Definition: Dissolved Oxygen Assessment Status
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: See TEMP_STAT for list of possible values
            Enumerated_Domain_Value_Definition: See TEMP_STAT for list of
definitions
            Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute:
        Attribute_Label: PH_VIO
        Attribute_Definition: Number of pH Water Quality Standard Exceedences
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      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Range_Domain:
          Range_Domain_Minimum: 0
          Range_Domain_Maximum: 89
    Attribute:
      Attribute_Label: PH_SAMP
      Attribute_Definition: Number of pH Samples taken
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Range_Domain:
          Range_Domain_Minimum: 0
          Range_Domain_Maximum: 7763
    Attribute:
      Attribute_Label: PH_STAT
      Attribute_Definition: pH Assessment Status
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: See TEMP_STAT for list of possible values
          Enumerated_Domain_Value_Definition: See TEMP_STAT for list of
definitions
          Enumerated_Domain_Value_Definition_Source: VA DEQ
    Attribute:
      Attribute_Label: ECOLI_VIO
      Attribute_Definition: Number of Escherichia coli (E.coli) Water Quality
Standard Exceedences
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Range_Domain:
          Range_Domain_Minimum: 0
          Range_Domain_Maximum: 65
    Attribute:
      Attribute_Label: ECOLI_SAMP
      Attribute_Definition: Number of E.coli Samples taken
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Range_Domain:
          Range_Domain_Minimum: 0
          Range_Domain_Maximum: 90
    Attribute:
      Attribute_Label: ECOLI_STAT
      Attribute_Definition: E.coli Assessment Status
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: See TEMP_STAT for list of possible values
          Enumerated_Domain_Value_Definition: See TEMP_STAT for list of
definitions
          Enumerated_Domain_Value_Definition_Source: VA DEQ
    Attribute:
      Attribute_Label: ENTER_VIO
      Attribute_Definition: Number of Enterococci Water Quality Standard
Exceedences
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Range_Domain:
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          Range_Domain_Minimum: 0
          Range_Domain_Maximum: 61
    Attribute:
      Attribute_Label: ENTER_SAMP
      Attribute_Definition: Number of Enterococci Samples taken
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Range_Domain:
          Range_Domain_Minimum: 0
          Range_Domain_Maximum: 118
    Attribute:
      Attribute_Label: ENTER_STAT
      Attribute_Definition: Enterococci Assessment Status
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: See TEMP_STAT for list of possible values
          Enumerated_Domain_Value_Definition: See TEMP_STAT for list of
definitions
          Enumerated_Domain_Value_Definition_Source: VA DEQ
    Attribute:
      Attribute_Label: WMET_VIO
      Attribute_Definition: Number of Water Column Metals Water Quality Standard
Exceedences
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Range_Domain:
          Range_Domain_Minimum: 0
          Range_Domain_Maximum: 39
    Attribute:
      Attribute_Label: WMET_STAT
      Attribute_Definition: Water Column Metals Assessment Status
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: See TEMP_STAT for list of possible values
          Enumerated_Domain_Value_Definition: See TEMP_STAT for list of
definitions
          Enumerated_Domain_Value_Definition_Source: VA DEQ
    Attribute:
      Attribute_Label: WTOX_VIO
      Attribute_Definition: Number of Water Column Toxics Water Quality Standard
Exceedences
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Range_Domain:
          Range_Domain_Minimum: 0
          Range_Domain_Maximum: 3
    Attribute:
      Attribute_Label: WTOX_STAT
      Attribute_Definition: Water Column Toxics Assessment Status
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: See TEMP_STAT for list of possible values
          Enumerated_Domain_Value_Definition: See TEMP_STAT for list of
definitions
```

```
            Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute:
        Attribute_Label: SMET_VIO
        Attribute_Definition: Number of Sediment Metals Water Quality Standard
Exceedences
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Range_Domain:
            Range_Domain_Minimum: 0
            Range_Domain_Maximum: 4
      Attribute:
        Attribute_Label: SMET_STAT
        Attribute_Definition: Sediment Metals Assessment Status
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: See TEMP_STAT for list of possible values
            Enumerated_Domain_Value_Definition: See TEMP_STAT for list of
definitions
            Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute:
        Attribute_Label: STOX_VIO
        Attribute_Definition: Number of Sediment Toxics Water Quality Standard
Exceedences
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Range_Domain:
            Range_Domain_Minimum: 0
            Range_Domain_Maximum: 12
      Attribute:
        Attribute_Label: STOX_STAT
      Attribute:
        Attribute_Label: FMET_VIO
        Attribute_Definition: Number of Fish Tissue Metals Water Quality Standard
Exceedences
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Range_Domain:
            Range_Domain_Minimum: 0
            Range_Domain_Maximum: 38
      Attribute:
        Attribute_Label: FMET_STAT
        Attribute_Definition: Fish Tissue Metals Assessment Status
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: See TEMP_STAT for list of possible values
            Enumerated_Domain_Value_Definition: See TEMP_STAT for list of
definitions
            Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute:
        Attribute_Label: FTOX_VIO
        Attribute_Definition: Number of Fish Tissue Toxics Water Quality Standard
Exceedences
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Range_Domain:
```

```
          Range_Domain_Minimum: 0
          Range_Domain_Maximum: 24
      Attribute:
        Attribute_Label: FTOX_STAT
        Attribute_Definition: Fish Tissue Toxics Assessment Status
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: See TEMP_STAT for list of possible values
            Enumerated_Domain_Value_Definition: See TEMP_STAT for list of
definitions
            Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute:
        Attribute_Label: BENTHIC_ST
        Attribute_Definition: Benthic Macroinvertebrate Assessment Status
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: blank
            Enumerated_Domain_Value_Definition: None; not a biological conditions
sample station
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: FS
            Enumerated_Domain_Value_Definition: Fully Supporting VSCI (Virginia
Stream Condition Index) or CPMI (Coastal Plain Macroinvertebrate Index)
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: HP
            Enumerated_Domain_Value_Definition: Citizen Monitoring - High
Probability for Adverse Conditions (Insufficient Information but having Observed
Effects)
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: IM
            Enumerated_Domain_Value_Definition: Impaired for VSCI or CPMI
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: IN
            Enumerated_Domain_Value_Definition: Insufficient Data
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: J
            Enumerated_Domain_Value_Definition: Reserve Judgment/BPJ (Best
Professional Judgment)
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: LP
            Enumerated_Domain_Value_Definition: Citizen Monitoring - Low
Probability for Adverse Conditions (Insufficient Information but indicating
Fully Supporting)
```

```
              Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: MP
            Enumerated_Domain_Value_Definition: Citizen Monitoring - Medium
Probability for Adverse Conditions (Insufficient Information but having Observed
Effects)
            Enumerated_Domain_Value_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: UI
            Enumerated_Domain_Value_Definition: USFS MAIS - Impaired
            Enumerated_Domain_Value_Definition_Source: VA DEQ, USFS
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: UN
            Enumerated_Domain_Value_Definition: USFS MAIS - Not Impaired
            Enumerated_Domain_Value_Definition_Source: VA DEQ, USFS
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: UO
            Enumerated_Domain_Value_Definition: USFS MAIS - Slight Impairment
(Observed Effects)
            Enumerated_Domain_Value_Definition_Source: VA DEQ, USFS
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: W
            Enumerated_Domain_Value_Definition: Not Assessed
            Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute:
        Attribute_Label: TP_VIO
        Attribute_Definition: Number of Total Phosphorus Screening Value
Exceedences (in Lake samples this number refers to the number of times the
nutrient criteria are exceeded per monitoring year)
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Range_Domain:
            Range_Domain_Minimum: 0
            Range_Domain_Maximum: 29
      Attribute:
        Attribute_Label: TP_SAMP
        Attribute_Definition: Number of Total Phosphorus Samples taken (in Lake
samples this number refers to the number of monitoring years)
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Range_Domain:
            Range_Domain_Minimum: 0
            Range_Domain_Maximum: 45
      Attribute:
        Attribute_Label: TP_STAT
        Attribute_Definition: Total Phosphorus Assessment Status
        Attribute_Definition_Source: VA DEQ
        Attribute_Domain_Values:
          Enumerated_Domain:
            Enumerated_Domain_Value: See TEMP_STAT for list of possible values
            Enumerated_Domain_Value_Definition: See TEMP_STAT for list of
definitions
```

```
          Enumerated_Domain_Value_Definition_Source: VA DEQ
     Attribute:
       Attribute_Label: CHLA_VIO
       Attribute_Definition: Number of Chlorophyll A Screening Value Exceedences
(in Lake samples this number refers to the number of times the nutrient criteria
are exceeded per monitoring year)
       Attribute_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Range_Domain:
           Range_Domain_Minimum: 0
           Range_Domain_Maximum: 2
     Attribute:
       Attribute_Label: CHLA_SAMP
       Attribute_Definition: Number of Chlorophyll A Samples taken (in Lake
samples this number refers to the number of monitoring years)
       Attribute_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Range_Domain:
           Range_Domain_Minimum: 0
           Range_Domain_Maximum: 20
     Attribute:
       Attribute_Label: CHLA_STAT
       Attribute_Definition: Chlorophyll A Assessment Status
       Attribute_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Enumerated_Domain:
           Enumerated_Domain_Value: See TEMP_STAT for list of possible values
           Enumerated_Domain_Value_Definition: See TEMP_STAT for list of
definitions
           Enumerated_Domain_Value_Definition_Source: VA DEQ
     Attribute:
       Attribute_Label: COMMENTS
       Attribute_Definition: Comments
       Attribute_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Unrepresentable_Domain: Assessment comments for the monitoring station
     Attribute:
       Attribute_Label: ASSESSED
       Attribute_Definition: Whether or not the station had data used for
Assessment Category 1*, 2*, 4* or 5* determinations within the current 6 year
data window.
       Attribute_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Enumerated_Domain:
           Enumerated_Domain_Value: n
           Enumerated_Domain_Value_Definition: No (Not used in the assessment)
           Enumerated_Domain_Value_Definition_Source: VA DEQ
       Attribute_Domain_Values:
         Enumerated_Domain:
           Enumerated_Domain_Value: y
           Enumerated_Domain_Value_Definition: Yes (Used in the assessment)
           Enumerated_Domain_Value_Definition_Source: VA DEQ
     Attribute:
       Attribute_Label: DEQ_STA
       Attribute_Definition: Whether or not the station was monitored by DEQ
       Attribute_Definition_Source: VA DEQ
       Attribute_Domain_Values:
```

```
        Enumerated_Domain:
          Enumerated_Domain_Value: n
          Enumerated_Domain_Value_Definition: No (Not monitored by DEQ)
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: y
          Enumerated_Domain_Value_Definition: Yes (Monitored by DEQ)
          Enumerated_Domain_Value_Definition_Source: VA DEQ
    Attribute:
      Attribute_Label: MAPSTATYPE
      Attribute_Definition: Station Type (for descriptive and mapping purposes)
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: A
          Enumerated_Domain_Value_Definition: Ambient (water column) monitoring
only
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: AB
          Enumerated_Domain_Value_Definition: Ambient and Biological monitoring
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: ABT
          Enumerated_Domain_Value_Definition: Ambient and Biological and Fish
Tissue monitoring
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: AT
          Enumerated_Domain_Value_Definition: Ambient and Fish Tissue monitoring
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: B
          Enumerated_Domain_Value_Definition: Biological monitoring only
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: BT
          Enumerated_Domain_Value_Definition: Biological and Fish Tissue
monitoring
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: C
          Enumerated_Domain_Value_Definition: Citizen Monitoring
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: F
          Enumerated_Domain_Value_Definition: Federal monitoring
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
```

```
      Enumerated_Domain:
         Enumerated_Domain_Value: T
         Enumerated_Domain_Value_Definition: Fish Tissue monitoring only
         Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
         Enumerated_Domain:
         Enumerated_Domain_Value: TR
         Enumerated_Domain_Value_Definition: Trend Station (monitoring data
included in DEQ's Trends Analysis)
         Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
         Enumerated_Domain:
         Enumerated_Domain_Value: V
         Enumerated_Domain_Value_Definition: Virginia Beaches Environmental &
Coastal Health (BEACH) Program monitoring
         Enumerated_Domain_Value_Definition_Source: VA DEQ
   Attribute:
      Attribute_Label: MAP
      Attribute_Definition: Mapping code for the major river basins
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
         Enumerated_Domain:
         Enumerated_Domain_Value: cbaosc
         Enumerated_Domain_Value_Definition: Chesapeake Bay/Atlantic Ocean and
Small Coastal
         Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
         Enumerated_Domain:
         Enumerated_Domain_Value: chowds
         Enumerated_Domain_Value_Definition: Chowan River and Dismal Swamp
         Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
         Enumerated_Domain:
         Enumerated_Domain_Value: jamesl
         Enumerated_Domain_Value_Definition: Lower James River
         Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
         Enumerated_Domain:
         Enumerated_Domain_Value: jamesm
         Enumerated_Domain_Value_Definition: Middle James River
         Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
         Enumerated_Domain:
         Enumerated_Domain_Value: jamesu
         Enumerated_Domain_Value_Definition: Upper James River
         Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
         Enumerated_Domain:
         Enumerated_Domain_Value: new
         Enumerated_Domain_Value_Definition: New River
         Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
         Enumerated_Domain:
         Enumerated_Domain_Value: potlow
         Enumerated_Domain_Value_Definition: Potomac River (lower Potomac only)
         Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
```

```
        Enumerated_Domain:
          Enumerated_Domain_Value: rapp
          Enumerated_Domain_Value_Definition: Rappahannock River
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: roanok
          Enumerated_Domain_Value_Definition: Roanoke River (including the
Yadkin River)
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: shen
          Enumerated_Domain_Value_Definition: Shenandoah River (including the
upper Potomac)
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: tennbs
          Enumerated_Domain_Value_Definition: Tennessee and Big Sandy Rivers
          Enumerated_Domain_Value_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Enumerated_Domain:
          Enumerated_Domain_Value: york
          Enumerated_Domain_Value_Definition: York River
          Enumerated_Domain_Value_Definition_Source: VA DEQ
    Attribute:
      Attribute_Label: BASIN_NM
      Attribute_Definition: Major River Basin Name
      Attribute_Definition_Source: VA DEQ
      Attribute_Domain_Values:
        Codeset_Domain:
          Codeset_Name: Chesapeake Bay/Atlantic Ocean and Small Coastal
          Codeset_Source: VA DEQ, VA DCR
      Attribute_Domain_Values:
        Codeset_Domain:
          Codeset_Name: Chowan River and Dismal Swamp
          Codeset_Source: VA DEQ, VA DCR
      Attribute_Domain_Values:
        Codeset_Domain:
          Codeset_Name: James River - Lower
          Codeset_Source: VA DEQ, VA DCR
      Attribute_Domain_Values:
        Codeset_Domain:
          Codeset_Name: James River - Middle
          Codeset_Source: VA DEQ, VA DCR
      Attribute_Domain_Values:
        Codeset_Domain:
          Codeset_Name: James River - Upper
          Codeset_Source: VA DEQ, VA DCR
      Attribute_Domain_Values:
        Codeset_Domain:
          Codeset_Name: New River
          Codeset_Source: VA DEQ, VA DCR
      Attribute_Domain_Values:
        Codeset_Domain:
          Codeset_Name: Potomac River
```

```
                     Codeset_Source: VA DEQ, VA DCR
               Attribute_Domain_Values:
                 Codeset_Domain:
                   Codeset_Name: Rappahannock River
                   Codeset_Source: VA DEQ, VA DCR
               Attribute_Domain_Values:
                 Codeset_Domain:
                   Codeset_Name: Roanoke and Yadkin Rivers
                   Codeset_Source: VA DEQ, VA DCR
               Attribute_Domain_Values:
                 Codeset_Domain:
                   Codeset_Name: Shenandoah River
                   Codeset_Source: VA DEQ, VA DCR
               Attribute_Domain_Values:
                 Codeset_Domain:
                   Codeset_Name: Tennessee and Big Sandy Rivers
                   Codeset_Source: VA DEQ, VA DCR
               Attribute_Domain_Values:
                 Codeset_Domain:
                   Codeset_Name: York River
                   Codeset_Source: VA DEQ, VA DCR
Distribution_Information:
  Distributor:
    Contact_Information:
      Contact_Person_Primary:
        Contact_Person: Darryl M. Glover
        Contact_Organization: Virginia Department of Environmental Quality
      Contact_Position: Water Monitoring and Assessment Director
      Contact_Address:
        Address_Type: mailing address
        Address: P.O. Box 1105
        City: Richmond
        State_or_Province: Virginia
        Postal_Code: 23218-1105
        Country: USA
      Contact_Voice_Telephone: 804-698-4321
      Contact_Facsimile_Telephone: 804-698-4032
      Contact_Electronic_Mail_Address: Darryl.Glover@deq.virginia.gov
      Hours_of_Service: 0800-1700
  Resource_Description: Downloadable Data
  Standard_Order_Process:
    Digital_Form:
      Digital_Transfer_Information:
        Format_Name: SHP
        Format_Version_Number: Arc 9.2.6
        Format_Specification: ESRI Shapefile
        File_Decompression_Technique: Windows Compression
        Transfer_Size: 33 MB
    Fees: none
    Ordering_Instructions: Requests should be directed to the Data Distributor
or Data Point of Contact.
    Turnaround: 1-3 days
Metadata_Reference_Information:
  Metadata_Date: 20101210
  Metadata_Review_Date: 20101208
  Metadata_Contact:
    Contact_Information:
```

```
        Contact_Person_Primary:
          Contact_Person: Cleo L. Stevens
          Contact_Organization: Virginia Department of Environmental Quality
        Contact_Position: Environmental/GIS Data Specialist Senior
        Contact_Address:
          Address_Type: mailing address
          Address: P.O. Box 1105
          City: Richmond
          State_or_Province: Virginia
          Postal_Code: 23218-1105
          Country: USA
        Contact_Voice_Telephone: 804-698-4191
        Contact_Facsimile_Telephone: 804-698-4032
        Contact_Electronic_Mail_Address: Cleo.Stevens@deq.virginia.gov
        Hours_of_Service: 0700-1800 M-Th (EDT)
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Access_Constraints: none
Metadata_Use_Constraints: none
Metadata_Extensions:
  Online_Linkage: http://www.esri.com/metadata/esriprof80.html
  Profile_Name: ESRI Metadata Profile
```