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## APPENDIX B: METADATA FOR GIS DATA LAYERS USED FOR THE HOLLAND TOWNSHIP ENVIRONMENTAL RESOURCE INVENTORY

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### Descriptions of Data Layers

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Data Disclaimers in **Appendix A** apply to the use of these data layers and the maps created from them. The user is responsible for understanding the accuracy limitations of the digital data layers, as documented in the accompanying report and metadata summaries, and the metadata files which accompany the data.

## Appendix B: GIS Metadata (data layer names and sources)

### Federal Emergency Management Agency

#### FEMA Flood Hazard Zones - Q3 Flood Data, HUNTERDON COUNTY, NEW JERSEY

Publication Date: 5/23/1996      Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000      Online Linkage: FEMA\_Flood\_ES\_redmap5353314.zip  
Used for Figure: 6b  
Short Description: The Q3 Flood Data are derived from the Flood Insurance Rate Maps (FIRMs) published by the Federal Emergency Management Agency (FEMA).

### Hunterdon County GIS

#### Boundary - Holland Boundary Clipped from Municipalities of Hunterdon County

Publication Date:      Geospatial Data Presentation Format: vector digital data  
Scale:      Online Linkage: [http://gis.co.hunterdon.nj.us/website/HC\\_GIS\\_MAP\\_Download.htm](http://gis.co.hunterdon.nj.us/website/HC_GIS_MAP_Download.htm)  
Used for Figure: all  
Short Description: Boundary of Holland Township clipped from the layer of the boundaries of municipalities in Hunterdon.

#### Boundary - Municipalities of Hunterdon County

Publication Date:      Geospatial Data Presentation Format: vector digital data  
Scale:      Online Linkage: [http://gis.co.hunterdon.nj.us/website/HC\\_GIS\\_MAP\\_Download.htm](http://gis.co.hunterdon.nj.us/website/HC_GIS_MAP_Download.htm)  
Used for Figure: 1a  
Short Description: Boundaries of municipalities in Hunterdon.

#### County Park Trail

Publication Date:      Geospatial Data Presentation Format: vector digital data  
Scale:      Online Linkage: [http://gis.co.hunterdon.nj.us/website/HC\\_GIS\\_MAP\\_Download.htm](http://gis.co.hunterdon.nj.us/website/HC_GIS_MAP_Download.htm)  
Used for Figure: 8  
Short Description: This data set represents county park trails within Hunterdon County, and was obtained from the Hunterdon County GIS website.

#### County Preserved Farmland

Publication Date: 4/21/2003      Geospatial Data Presentation Format: vector digital data  
Scale:      Online Linkage: [http://gis.co.hunterdon.nj.us/website/HC\\_GIS\\_MAP\\_Download.htm](http://gis.co.hunterdon.nj.us/website/HC_GIS_MAP_Download.htm)  
Used for Figure: 8  
Short Description: This data set represents farms preserved within Hunterdon County, and was obtained from the Hunterdon County GIS website. It does not include recently preserved properties.

#### Hunterdon CADB Agricultural Development Areas

Publication Date: 4/21/2003      Geospatial Data Presentation Format: vector digital data  
Scale:      Online Linkage: [http://gis.co.hunterdon.nj.us/website/HC\\_GIS\\_MAP\\_Download.htm](http://gis.co.hunterdon.nj.us/website/HC_GIS_MAP_Download.htm)  
Used for Figure: 8  
Short Description: This data set represents preserved Agricultural Development Areas within Hunterdon County, and was obtained from the Hunterdon County GIS website.

#### Lakes - Hunterdon County

Publication Date:      Geospatial Data Presentation Format: vector digital data  
Scale:      Online Linkage: [http://gis.co.hunterdon.nj.us/website/HC\\_GIS\\_MAP\\_Download.htm](http://gis.co.hunterdon.nj.us/website/HC_GIS_MAP_Download.htm)  
Used for Figure: many  
Short Description: This data set represents open water areas within Hunterdon County, and was obtained from the Hunterdon County GIS website.

#### Open Space - Hunterdon County

Publication Date:      Geospatial Data Presentation Format: vector digital data  
Scale:      Online Linkage: [http://gis.co.hunterdon.nj.us/website/HC\\_GIS\\_MAP\\_Download.htm](http://gis.co.hunterdon.nj.us/website/HC_GIS_MAP_Download.htm)  
Used for Figure: 8  
Short Description: This data set represents preserved open space within Hunterdon County, and was obtained from the Hunterdon County GIS website.

#### Parcels - Holland Township

Publication Date:      Geospatial Data Presentation Format: vector digital data  
Scale:      Online Linkage: [http://gis.co.hunterdon.nj.us/website/HC\\_GIS\\_MAP\\_Download.htm](http://gis.co.hunterdon.nj.us/website/HC_GIS_MAP_Download.htm)  
Used for Figure: most  
Short Description: This data set represents tax map parcels in Holland Township, and was obtained from the

Hunterdon County GIS website.

#### **Planning Incentive Grant (PIG) Preserved Farms**

Publication Date: Geospatial Data Presentation Format: vector digital data  
Scale: Online Linkage: [http://gis.co.hunterdon.nj.us/website/HC\\_GIS\\_MAP\\_Download.htm](http://gis.co.hunterdon.nj.us/website/HC_GIS_MAP_Download.htm)  
Used for Figure: 8  
Short Description: This data set represents farms preserved through the PIG program within Hunterdon County, and was obtained from the Hunterdon County GIS website.

#### **Railroads**

Publication Date: Geospatial Data Presentation Format: vector digital data  
Scale: Online Linkage: [http://gis.co.hunterdon.nj.us/website/HC\\_GIS\\_MAP\\_Download.htm](http://gis.co.hunterdon.nj.us/website/HC_GIS_MAP_Download.htm)  
Used for Figure: 1c  
Short Description: This data set represents railroads within Hunterdon County, and was obtained from the Hunterdon County GIS website.

#### **Rivers - Hunterdon County**

Publication Date: Geospatial Data Presentation Format: vector digital data  
Scale: Online Linkage: [http://gis.co.hunterdon.nj.us/website/HC\\_GIS\\_MAP\\_Download.htm](http://gis.co.hunterdon.nj.us/website/HC_GIS_MAP_Download.htm)  
Used for Figure: many  
Short Description: This data set represents rivers within Hunterdon County, and was obtained from the Hunterdon County GIS website.

#### **Road Centerlines - Hunterdon County**

Publication Date: Geospatial Data Presentation Format: vector digital data  
Scale: Online Linkage: [http://gis.co.hunterdon.nj.us/website/HC\\_GIS\\_MAP\\_Download.htm](http://gis.co.hunterdon.nj.us/website/HC_GIS_MAP_Download.htm)  
Used for Figure: most  
Short Description: This data set represents roads and their descriptions, and was obtained from the Hunterdon County GIS website.

#### **Streams - Hunterdon County**

Publication Date: Geospatial Data Presentation Format: vector digital data  
Scale: Online Linkage: [http://gis.co.hunterdon.nj.us/website/HC\\_GIS\\_MAP\\_Download.htm](http://gis.co.hunterdon.nj.us/website/HC_GIS_MAP_Download.htm)  
Used for Figure: most  
Short Description: This data set represents streams within Hunterdon County, and was obtained from the Hunterdon County GIS website.

### **NJDEP Division of Landuse Management (DLM), Bureau of Freshwater & Biological Monitoring (BFBM)**

#### **NJDEP Ambient Biomonitoring Network (AMNET) 2004**

Publication Date: 12/1/2005 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digdownload/zips/statewide/biopts2004.zi>  
Used for Figure: 6e  
Short Description: This data represents point sites sampled by NJDEP as part of its Ambient Biomonitoring Network (AMNET), which samples for benthic macroinvertebrates and habitat, in addition to chemical and physical parameters.

#### **NJDEP Stormwater Rule Areas Affected by 300 Foot Buffers**

Publication Date: 12/20/2005 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digdownload/zips/statewide/strmwtrupc1.zip>  
Used for Figure: 6d  
Short Description: The polygon layer was created by NJDEP to support water management and monitoring activities within NJDEP, and to be a valuable layer for computerized cartographic products. Please be advised that this layer is intended to be used as a GUIDE for finding areas that may be impacted by the stormwater rule.

#### **NJDEP Supplemental Ambient Surfacewater Monitoring Network (SASMN)**

Publication Date: 12/9/2005 Geospatial Data Presentation Format: vector digital data  
Scale: 1:2,400 Online Linkage: <http://www.state.nj.us/dep/gis/digdownload/zips/statewide/sasmn.zip>  
Used for Figure: 6e  
Short Description: This data represents sampling points for the Supplemental Ambient Surfacewater Monitoring Network (formerly EWQ) project at NJDEP. The SASMN Network was designed to provide supplemental data for water quality for the entire state.

#### **Surface Water Quality Standards of New Jersey (2006)**

Publication Date: 6/1/2006 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digdownload/zips/statewide/swqs.zip>

Used for Figure: 6d  
Short Description: This data, based on hydrography stream network, is a digital representation of New Jersey's Surface Water Quality Standards in accordance with "Surface Water Quality Standards for New Jersey Waters" as designated in N.J.A.C. 7:9 B. The Surface Water Quality Standards (SWQS) establish the designated uses to be achieved and specify the water quality (criteria) necessary to protect the State's waters. Designated uses include potable water, propagation of fish and wildlife, recreation, agricultural and industrial supplies, and navigation.

## **NJDEP Division of Science, Research and Technology**

### **NJDEP Public Community Water Purveyor Service Areas**

Publication Date: 7/12/2004 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/watpurv1998>.  
Used for Figure: 5h  
Short Description: This is a graphical representation of the 1998 Public Community Water Purveyor Service Areas. Water purveyors are regulated by the NJDEP Bureau of Safe Drinking Water, under the Safe Drinking Water Act. Public Community Water Purveyors are systems that pipe water for human consumption to at least 15 service connections used year-round, or one that regularly serves at least 25 year-round residents.

### **NJDEP Statewide Golf Course Shapefile**

Publication Date: 1/1/2003 Geospatial Data Presentation Format: vector digital data  
Scale: 1:12,000 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/njgolf.zip>  
Used for Figure: 1e  
Short Description: The shapefile represents the fairway, green and tee areas of all the golf courses in New Jersey. It was created by selecting all recreation polygons from the 1995/97 NJDEP land use/land cover (LU/LC) file.

## **NJDEP Division of Watershed Management (DWM), Bureau of Watershed Regulation (BWR)**

### **New Jersey Highlands Preservation Sewer Service Area**

Publication Date: 9/1/2005 Geospatial Data Presentation Format: vector digital data  
Scale: Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/highpresssa.zip>  
Used for Figure: 5h  
Short Description: The Highlands Water Protection and Planning Act (Highlands Act), N.J.S.A. 13:20-1 et seq. signed on August 10, 2004, repealed all Sewer Service Area (SSA) in the Highlands Preservation Area where collection pipes had not been constructed. This is a graphical representation of the revised SSA mapping in the Highlands Preservation Area.

### **New Jersey Statewide Sewer Service Area**

Publication Date: 10/1/2005 Geospatial Data Presentation Format: vector digital data  
Scale: Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/statessa.zip>  
Used for Figure: 5h  
Short Description: This is a graphical representation of the States Sewer Service Area (SSA) mapping. The SSA mapping shows the planned method of wastewater disposal for specific areas.

### **New Jersey Statewide Sewer Service Area (proposed revisions)**

Publication Date: 10/1/2005 Geospatial Data Presentation Format: vector digital data  
Scale: Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/statessa2.zip>  
Used for Figure: 5h  
Short Description: This is a graphical representation of the States Sewer Service Area (SSA) mapping. The SSA mapping shows the planned method of wastewater disposal for specific areas.

## **NJDEP Environmental Regulation (ER), Division of Water Quality (DWQ), Bureau of Point Source Permitting - Region 1 (PSP-R1)**

### **NJPDES Ground Water Discharges in New Jersey, (1:12,000)**

Publication Date: 9/12/2002 Geospatial Data Presentation Format: vector digital data

Scale: 1:12,000 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/njpdesswd.zip>  
Used for Figure: 5f  
Short Description: New Jersey Pollutant Discharge Elimination System (NJPDES) ground water discharge pipe GIS point coverage compiled from GPSed locations, NJPDES databases, and permit applications.

#### **NJPDES Surface Water Discharges in New Jersey, (1:12,000)**

Publication Date: 9/12/2002 Geospatial Data Presentation Format: vector digital data  
Scale: 1:12,000 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/njpdesswd.zip>  
Used for Figure: 6e  
Short Description: New Jersey Pollutant Discharge Elimination System (NJPDES) surface water discharge pipe GIS point coverage compiled from GPSed locations, NJPDES databases, and permit applications.

### **NJDEP Green Acres**

#### **NJDEP State Owned, Protected Open Space and Recreation Areas in NJ**

Publication Date: 1/1/2005 Geospatial Data Presentation Format: vector digital data  
Scale: varies Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/newstate.zip>  
Used for Figure: 8  
Short Description: This data set contains protected open space and recreation areas owned in fee simple interest by the (NJDEP). Types of property in this data layer include parcels such as parks, forests, historic sites, natural areas and wildlife management areas. The data was derived from a variety of sources with variable scale and level of accuracy.

### **NJDEP Geological Survey**

#### **DGS00-1 Drought Regions in New Jersey**

Publication Date: Geospatial Data Presentation Format: vector digital data  
Scale: Online Linkage: <http://www.state.nj.us/dep/njgs/geodata/dgsdown/dgs00-1.zip>  
Used for Figure: 10b  
Short Description: This shape file delineates New Jersey drought regions, counties, and municipalities. Drought regions provide a regulatory basis for coordinating local responses to regional water-supply shortages.

#### **DGS02-2 GIS Coverages of Public Community Water Supply Well Head Protection Areas for New**

Publication Date: 3/14/2005 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/njgs/geodata/dgs02-2.htm>  
Used for Figure: 5h  
Short Description: A Well Head Protection Area (WHPA) in New Jersey is a map area calculated around a Public Community Water Supply (PCWS) well in New Jersey that delineates the horizontal extent of ground water captured by a well pumping at a specific rate over a two-, five-, and twelve-year period of time for confined wells.

#### **DGS02-3 Ground Water Recharge for Hunterdon County, NJ**

Publication Date: 10/8/2004 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.njgeology.org/geodata/dgs02-3/dgs02-3.htm>  
Used for Figure: 5d and 5e  
Short Description: An estimation of ground-water recharge for Hunterdon County. Ground-water recharge is estimated using the NJGS methodology from NJ Geological Survey Report GSR-32. Land-use/land-cover, soil and municipality-based climatic data were combined and used to produce an estimate of ground-water recharge in inches/year.

#### **DGS02-7 Physiographic Provinces of New Jersey**

Publication Date: 6/30/2002 Geospatial Data Presentation Format: vector digital data  
Scale: 1:100,000 Online Linkage: <http://www.state.nj.us/dep/njgs/geodata/dgs02-7.htm>  
Used for Figure: 3a  
Short Description: This data set delineates the boundaries of NJ's 4 Physiographic Provinces. The boundary between each province is determined by a major change in topography and geology.

#### **DGS03-2 Abandoned Mines of New Jersey**

Publication Date: 7/29/2005 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/njgs/geodata/dgsdown/dgs03-2.zip>  
Used for Figure: 3e  
Short Description: This data consists of point shapefile of locations and attributes for abandoned mines.

#### **DGS04-1 Earthquakes Epicentered In New Jersey**



## NJDEP Natural and Historic Resources (NHR), Historic Preservation Office

### NJDEP Merged Inventory Historic Properties of New Jersey

Publication Date: 10/20/2004 Geospatial Data Presentation Format: vector digital data  
Scale: Online Linkage: <http://www.state.nj.us/dep/gis/digdownload/zips/statewide/historicalsites>.  
Used for Figure: 9a and 9b  
Short Description: This data is produced and maintained by the New Jersey Historic Preservation Office (HPO) to provide accurate cultural resource information to government, regulated customers, and the public.

## NJDEP Office of Information Resources Management (OIRM), Bureau of Geographic Information Systems (BGIS)

### Boundary - NJDEP County Boundary for Hunterdon County, New Jersey

Publication Date: 1/1/2003 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digdownload/zips/cnb/huncnb.zip>  
Used for Figure: 1a, 3a, 10a, 10b,  
Short Description: This data contains the Hunterdon County boundary.

### Boundary - NJDEP Municipality Boundaries for the State of New Jersey

Publication Date: 9/1/2005 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digdownload/zips/statewide/stmun.zip>  
Used for Figure: 1a, 3a, 10a, 10b,  
Short Description: Municipal boundaries in New Jersey were gathered from USGS topoquads and other sources in 1987.

### Boundary - NJDEP State Boundary of New Jersey

Publication Date: 11/1/1998 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digdownload/zips/statewide/state.zip>  
Used for Figure: 1a, 3a, 10a, 10b,  
Short Description: This data represents the New Jersey State Boundary.

### Natural Heritage Grid Map

Publication Date: 2/1/2004 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digdownload/zips/statewide/nhpgrid.zip>  
Used for Figure: 7g  
Short Description: The Natural Heritage Grid Map was produced by the Office of Natural Lands Management (ONLM) to provide a general portrayal of the geographic locations of rare plant species and ecological communities for the entire state without providing sensitive detailed information.

### New Jersey 2002 High Resolution Orthophotography (45 files)

Publication Date: 7/31/2003 Geospatial Data Presentation Format: remote sensing image  
Scale: 1:2,400 Online Linkage: [http://njgin.nj.gov/OIT\\_IW/](http://njgin.nj.gov/OIT_IW/)  
Used for Figure: 1b  
Short Description: Digital color infrared (CIR) orthophotography of New Jersey in State Plane NAD83 Coordinates, U.S. Survey Feet. The digital orthophotography was produced at a scale of 1:2400 (1"=200') with a 1 foot pixel resolution. Digital orthophotography combines the image characteristics of a photograph with the geometric qualities of a map. There are 45 files which cover Holland

### NJDEP 10-meter Digital Elevation Grid of the Central Delaware Watershed Management Area (WMA)

Publication Date: 6/1/2002 Geospatial Data Presentation Format: raster digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digdownload/zips/wmalattice/wma11lat.zip>  
Used for Figure: 3c  
Short Description: A lattice is the ESRI GRID raster file generated from USGS DEM files. Digital Elevation Model (DEM) is the terminology adopted by the USGS to describe terrain elevation data sets in a digital raster form. A lattice can be used as source data to create other layers which require elevation information. Examples of layers which can be derived from a lattice include aspect, contour, hillshade, slope, flow accumulation and flow direction.

### NJDEP 10-meter Digital Elevation Grid of the Upper Delaware Watershed Management Area (WMA 1)

Publication Date: 6/1/2002 Geospatial Data Presentation Format: raster digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digdownload/zips/wmalattice/wma01lat.zip>  
Used for Figure: 3c  
Short Description: Digital Elevation Model (DEM) is the terminology adopted by the USGS to describe terrain elevation data sets in a digital raster form. A lattice is the ESRI GRID raster file generated from

USGS DEM files.

**NJDEP 2002 Land use/Land cover Update, Central Delaware Watershed Mgmt. Area, WMA-11**

Publication Date: 1/1/2007 Geospatial Data Presentation Format: vector digital data  
Scale: 1:2,400 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/lulc02/w01lu02.zip>  
Used for Figure: 1e, 7a, 7b  
Short Description: See description for 2002 LULC Upper Delaware Watershed Management Area-01.

**NJDEP 2002 Land use/Land cover Update, Upper Delaware Watershed Mgmt. Area, WMA-1 (FINAL)**

Publication Date: 1/1/2007 Geospatial Data Presentation Format: vector digital data  
Scale: 1:2,400 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/lulc02/w11lu02.zip>  
Used for Figure: 1e, 7a, 7b  
Short Description: The 2002 Land Use/Land Cover (LU/LC) data sets were mapped by Watershed Management Area (WMA). There are additional reference documents listed in this file under Supplemental Information which should also be examined by users of these data sets. The data was created by comparing the 1995/97 land use/land cover (LU/LC) layer from NJ DEP's geographical information systems (GIS) database to 2002 color infrared (CIR) imagery and delineating areas of change. Minimum mapping unit (MMU) is 1 acre.

**NJDEP 2002 Streams Update for New Jersey (DRAFTS) for WMA11**

Publication Date: 10/1/2005 Geospatial Data Presentation Format: vector digital data  
Scale: 1:2,400 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/hydro02/w11hydro02.z>  
Used for Figure: 6a  
Short Description: The data was created by heads-up digitizing of hydrography features from the 2002 color infrared (CIR) imagery.

**NJDEP Known Contaminated Site List for New Jersey, 2005**

Publication Date: 11/18/2005 Geospatial Data Presentation Format: vector digital data  
Scale: 1:1,000 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/kcsl.zip>  
Used for Figure: 5f  
Short Description: The Known Contaminated Sites List for New Jersey 2005 are those sites and properties within the state where contamination of soil or ground water has been identified or where there has been, or there is suspected to have been, a discharge of contamination. This list of Known Contaminated Sites may include sites where remediation is either currently under way, required but not yet initiated or has been completed.

**NJDEP Linear Non-Tidal Wetlands of Hunterdon County, New Jersey, 1986**

Publication Date: 11/1/1998 Geospatial Data Presentation Format: vector digital data  
Scale: 1:12,000 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/line/hunline.zip>  
Used for Figure: 6c  
Short Description: This data was derived from the freshwater wetlands (FWW) data generated under the New Jersey Freshwater Wetlands Mapping Program. The FWW are network coverages with both linear and polygon wetlands delineated and coded. Linear wetlands features were reselected out of FWW to form this dataset. Any arc that was a linear wetland feature was given a valid wetlands (CLASS) code in the original data set. This dataset is intended to serve as a resource for analysis rather than regulatory delineations. The NJDEP may change the linework based on more in depth analysis and field inspection for regulatory purposes.

**NJDEP Natural Priority Sites**

Publication Date: 9/7/2001 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/prisites.zip>  
Used for Figure: 7g  
Short Description: The Natural Heritage Priority Sites Coverage was created to identify the best habitats for rare plant and animal species and natural communities through analysis of information in the NJ Natural Heritage Database.

**NJDEP Open Water Areas of Hunterdon County, New Jersey 1986 (1:24000)**

Publication Date: 11/1/1998 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24000 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/lakes/hunlakes.zip>  
Used for Figure: Many  
Short Description:

**NJDEP Place Name Locations in the State of New Jersey**

Publication Date: 1/1/2004 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/placenam04.zi>  
Used for Figure: 1c  
Short Description: The place name locations in this data were obtained via download from the USGS Geographic Names Information System. All place names were taken from the USGS 7.5' topoquad series revised in 2004.

**NJDEP Streams of Hunterdon County, New Jersey (1:24,000)**

Appendix B: GIS Metadata (data sources and descriptions)  
March 2007

Holland Township Natural Resource Inventory  
Kratzer Environmental Services



Publication Date: 11/1/1998 Geospatial Data Presentation Format: vector digital data  
Scale: Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/stm/hunstm.zip>  
Used for Figure: many  
Short Description:

#### **NJDEP Streams of Warren County, New Jersey (1:24,000)**

Publication Date: 11/1/1998 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/stm/warstm.zip>  
Used for Figure: 6a  
Short Description: This data represents the streams of Warren County, New Jersey.

#### **NJDEP Watershed Management Areas in New Jersey**

Publication Date: 4/5/2000 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/depwmas.zip>  
Used for Figure: 10c  
Short Description: This layer is a simplified version of the ARC/INFO dephuc14 data, and shows the outlines of the watershed management regions and areas to be used for the statewide watershed initiative.

#### **NJDEP Wetlands of Hunterdon County, New Jersey, 1986**

Publication Date: 11/1/1999 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/wet/hunwet.zip>  
Used for Figure: 6c  
Short Description: This is a graphical representation of this county's wetlands data and it contains all the tidal and non-tidal wetlands based on the 1986 land use/land cover information. It was created by reselecting wetlands out of this county's 1986 LULC (land use/land cover) data. This county's wetlands and LULC polygons are intended to serve as a resource for analysis rather than regulatory delineations. The NJDEP may change the linework based on more in depth analysis and field inspection for regulatory purposes.

#### **Pohatcong Township Boundary clipped from NJDEP Municipality Boundaries for the State of New Jersey**

Publication Date: 9/1/2005 Geospatial Data Presentation Format: vector digital data  
Scale: Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/stmun.zip>  
Used for Figure: 1a  
Short Description: Pohatcong Township boundary was clipped from the NJDEP's layer of all New Jersey municipal boundaries.

### **NJDEP Office of Policy, Planning and Science**

#### **NJ Highlands Preservation and Planning Area**

Publication Date: 12/1/2005 Geospatial Data Presentation Format: vector digital data  
Scale: Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/highlands.zip>  
Used for Figure: 10a  
Short Description: This data set was developed to be a graphical representation of the legal, verbal description of the boundary within the Highlands Water Protection and Planning Act.

### **NJDEP Site Remediation Program, Division of Remediation Support, Information Support Element (ISE), Bureau of Information Services and Program Support (BISPS)**

#### **NJDEP Classification Exception Areas/Well Restriction Areas Polygon Maps for New Jersey, 2004**

Publication Date: 2/1/2004 Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000 Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/ceapoly.zip>  
Used for Figure: 5f  
Short Description: This data layer identifies those Known Contaminated Sites or sites on the Site Remediation Program (SRP) Comprehensive Site List where groundwater contamination has been identified and, where appropriate, the NJDEP has established a Classification Exception Area (CEA). CEAs are institutional controls in geographically defined areas within which the New Jersey Ground Water Quality Standards (NJGWQS) for specific contaminants have been exceeded. The CEA (Polygon) coverage was developed to provide information regarding the spatial extent of groundwater contamination within designated Classification Exception Areas (CEAs) and Well Restriction Areas (WRAs). This data, in its geographic format, is intended to provide information to the public regarding areas of contaminated groundwater to aid in new well placement and installation.

### **NJDEP Deed Notice Extent Polygons in New Jersey, 2004**

Publication Date: 2/1/2004      Geospatial Data Presentation Format: vector digital data  
Scale: 1:24,000      Online Linkage: <http://www.state.nj.us/dep/gis/digidownload/zips/statewide/dnpoly.zip>  
Used for Figure: 5f  
Short Description: This data layer identifies those Known Contaminates Sites (KCS) or sites on Site Remediations Programs' (SRP) Comprehensive Site List (CSL) that have been assigned a Deed notice. The deed notice (polygon) was developed to provide information regarding the spatial extent of soil contamination, as well as other information.

### **United States Department of Agriculture, Natural Resources Conservation**

#### **Soil Survey Geographic 2005 (SSURGO) Database for Hunterdon**

Publication Date: 1/20/2006      Geospatial Data Presentation Format: vector digital data  
Scale: 1:20,000      Online Linkage: <http://soildatamart.nrcs.usda.gov>  
Used for Figure: 4a-h, 3d, 6b, 6c  
Short Description: SSURGO depicts information about the kinds and distribution of soils on the landscape. The soil map and data used in the SSURGO product were prepared by soil scientists as part of the National Cooperative Soil Survey. Hunterdon County soils data sets were downloaded from the Natural Resource Conservation Service (NRCS) Soil Data Mart (<http://soildatamart.nrcs.usda.gov>).