

Source Water Protection Areas

Shapefile



Tags

environment, source water, drinking water supply, protection areas, delineations, New Hampshire, NH

Summary

This dataset is used by the New Hampshire Department of Environmental Services (NHDES) in setting priorities for drinking water protection activities.

Description

This polygon shapefile contains Source Water Protection Areas (SWPAs) for community and non-community, non-transient drinking water supplies. SWPAs contain watershed delineations for surface water intakes and groundwater sources under the direct influence of surface water. The SWPAs use watershed delineations derived from a digital hydrologic unit boundary that is at the sub-watershed (12-digit) level.

Credits

NHDES

Use limitations

User is required to read metadata completely before using the data. The information provided in this coverage is a subset of spatial databases developed by NHDES. Development of these databases is an ongoing project. They may not contain all existing and potential sites, stations, or threats. NHDES is not responsible for the use or interpretation of this information, or for any inaccuracies in the site names, tax map and lot information, or locations. All information is subject to verification. These data are to be used for planning purposes only. Distribution is discouraged.

Extent

West -73.013645 **East** -70.755779
North 45.302973 **South** 42.646081

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE environment

*CONTENT TYPE Downloadable Data
 EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS New Hampshire, NH

THEME KEYWORDS environment

THESAURUS ►
 TITLE ISO 19115 Topic Category

[Hide Thesaurus ▲](#)

THEME KEYWORDS source water, drinking water supply, protection areas, delineations

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Source Water Protection Areas

ALTERNATE TITLES SWPA
 PUBLICATION DATE 2005-06-30 00:00:00

PRESENTATION FORMATS digital map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Pierce Rigrod
 ORGANIZATION'S NAME New Hampshire Department of Environmental Services
 CONTACT'S POSITION Environmentalist IV
 CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

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 FAX (603) 271-0656

ADDRESS

TYPE
 DELIVERY POINT 29 Hazen Drive, PO Box 95
 CITY Concord
 ADMINISTRATIVE AREA NH
 POSTAL CODE 03302
 COUNTRY US
 E-MAIL ADDRESS pierce.rigrod@des.nh.gov

ONLINE RESOURCE

NAME http://www.granit.sr.unh.edu/cgi-bin/nhsearch?dset=drinking_water_source_protection_areas/nh

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)
 DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS completed
 SPATIAL REPRESENTATION TYPE vector

PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; ESRI ArcGIS 10.2.0.3348

CREDITS
 NHDES

ARCGIS ITEM PROPERTIES

* NAME Source_Water_Protection_Areas
 * SIZE 2.442
 * LOCATION file://
 \\granite\apps\des\GIS\Core_GIS_Datasets\Environmental_Monitoring_and_Conservation\Source_Water_Protection_Areas.shp
 * ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT
 DESCRIPTION
 The extent is based on ground conditions and NHDES regulations.

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE
 EXTENT TYPE Extent used for searching
 WEST LONGITUDE -73.013645
 EAST LONGITUDE -70.755779
 NORTH LATITUDE 45.302973
 SOUTH LATITUDE 42.646081
 EXTENT CONTAINS THE RESOURCE Yes

TEMPORAL EXTENT

BEGINNING DATE 1992-01-01 00:00:00
 ENDING DATE 2013-12-31 00:00:00

EXTENT IN THE ITEM'S COORDINATE SYSTEM

- * WEST LONGITUDE 637613.875000
- * EAST LONGITUDE 1218643.375000
- * SOUTH LATITUDE 55878.058594
- * NORTH LATITUDE 1021746.187500
- * EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)**Resource Points of Contact ►**

POINT OF CONTACT

ORGANIZATION'S NAME New Hampshire Department of Environmental Services
 INDIVIDUAL'S NAME Pierce Rigrod
 CONTACT'S POSITION Environmentalist IV
 CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

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TYPE
 DELIVERY POINT 29 Hazen Drive, PO Box 95
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 POSTAL CODE 03302
 COUNTRY US
 E-MAIL ADDRESS pierce.rigrod@des.nh.gov

[Hide Contact information ▲](#)[Hide Resource Points of Contact ▲](#)**Resource Maintenance ►**

RESOURCE MAINTENANCE

UPDATE FREQUENCY quarterly

[Hide Resource Maintenance ▲](#)**Resource Constraints ►**

CONSTRAINTS

LIMITATIONS OF USE

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LEGAL CONSTRAINTS

ACCESS CONSTRAINTS restricted
 USE CONSTRAINTS restricted

OTHER CONSTRAINTS

This data is available upon request and NHDES approval.

[Hide Resource Constraints ▲](#)**Spatial Reference ►**

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_StatePlane_New_Hampshire_FIPS_2800_Feet
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102710
 X ORIGIN -17463700
 Y ORIGIN -48257000
 XY SCALE 137246076.82899535
 Z ORIGIN -100000
 Z SCALE 10000
 M ORIGIN -100000

M SCALE 10000
 XY TOLERANCE 0.0032808333333333331
 Z TOLERANCE 0.001
 M TOLERANCE 0.001
 HIGH PRECISION true
 LATEST WELL-KNOWN IDENTIFIER 3437
 WELL-KNOWN TEXT PROJCS["NAD_1983_StatePlane_New_Hampshire_FIPS_2800_Feet",GEOGCS
 ["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID
 ["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION
 ["Transverse_Mercator"],PARAMETER["False_Easting",984250.0],PARAMETER["False_Northing",0.0],PARAMETER
 ["Central_Meridian",-71.66666666666667],PARAMETER["Scale_Factor",0.9999666666666667],PARAMETER
 ["Latitude_Of_Origin",42.5],UNIT["Foot_US",0.3048006096012192],AUTHORITY["EPSG",3437]]

REFERENCE SYSTEM IDENTIFIER
 VALUE 3437
 CODESPACE EPSG
 VERSION 7.4.1

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME Source_Water_Protection_Areas
 * OBJECT TYPE composite
 * OBJECT COUNT 49

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME Source_Water_Protection_Areas
 * FEATURE TYPE Simple
 * GEOMETRY TYPE Polygon
 * HAS TOPOLOGY FALSE
 * FEATURE COUNT 49
 * SPATIAL INDEX TRUE
 * LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Data Quality ►

SCOPE OF QUALITY INFORMATION ►

SCOPE EXTENT

DESCRIPTION

The quality of the SWPA is based on the source data (i.e. hydrologic areas of concern (HACs), wells) used to delineate the area.

[Hide Scope of quality information ▲](#)

DATA QUALITY REPORT - COMPLETENESS OMISSION ►

MEASURE DESCRIPTION

Some SWPAs are delineated using HACs as a basis for determining surface areas that flow to a surface water body. Where topography does not indicate a definitive divide the larger area is included e.g., where a wetland is located in a saddle between two ridges the watershed delineation includes all of the wetland. The boundaries of SWPAs are being refined as watershed boundaries are improved (i.e. HUC 10, HUC 12) and new surface water sources are permitted.

[Hide Data quality report - Completeness omission ▲](#)

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY ►

[Hide Data quality report - Quantitative attribute accuracy ▲](#)

[Hide Data Quality ▲](#)

Lineage ►

PROCESS STEP ►

WHEN THE PROCESS OCCURRED 2005-01-01 00:00:00

DESCRIPTION

SWPAs are entered in two different ways. Either a paper copy is provided, which is scanned then digitized using the digitizer or an area is created by setting a radius around an existing well or HAC.

[Hide Process step ▲](#)[Hide Lineage ▲](#)**Distribution ▶**

DISTRIBUTOR ▶

CONTACT INFORMATION

ORGANIZATION'S NAME New Hampshire Department of Environmental Services

CONTACT INFORMATION ▶

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VOICE 603-271-3503

ADDRESS

TYPE

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CITY Concord

ADMINISTRATIVE AREA NH

POSTAL CODE 03302

COUNTRY US

[Hide Contact information ▲](#)

ORDERING PROCESS

TERMS AND FEES No fee for standard export

INSTRUCTIONS

Please contact NHDES for information about acquiring this data layer. To address homeland security concerns, access to some of these datasets is available only to users who present a valid personal identification number (PIN) and password. These datasets have an access constraint set to Upon NHDES Approval. Users can apply for a PIN and password using the OneStop Data Retrieval Registration Form (<https://www2.des.state.nh.us/onestopdataproviders/registrationform.aspx?Id=NEW>). Applicants should be very specific when providing information on the registration form to enable NHDES personnel to determine their eligibility. For more information on what criteria is necessary to receive a PIN/password please visit <http://des.nh.gov/organization/commissioner/pip/factsheets/co/documents/co-14.pdf>. Once the applicant has been provided a PIN/Password, the applicant shall be the sole responsible party for the information they receive using the PIN/Password that has been issued to said party. The applicant shall be responsible for the accuracy of the information submitted in a request for a PIN and Password that will allow said applicant to access certain information held by NHDES. The applicant shall understand by submitting a registration form, said applicant shall be responsible for the PIN and Password they receive and for any and all information collected using the PIN and Password, and that NO LIABILITY IS INCURRED BY THE STATE by reason of providing the requested access.

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

NAME Shapefile

SPECIFICATION NHDES is not responsible for the use or interpretation of this information. Not intended for legal purposes.

TRANSFER OPTIONS

TRANSFER SIZE 2.442

[Hide Distribution ▲](#)**Fields ▶**DETAILS FOR OBJECT [Source_Water_Protection_Areas ▶](#)

* TYPE Feature Class

* ROW COUNT 49

DEFINITION

Drinking water surface water protection areas

DEFINITION SOURCE

NHDES

FIELD FID ▶

* ALIAS FID

* DATA TYPE OID
* WIDTH 4
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Internal feature number.

DESCRIPTION SOURCE
ESRI

DESCRIPTION OF VALUES
Sequential unique whole numbers that are automatically generated.

Hide Field FID ▲

FIELD Shape ►
* ALIAS Shape
* DATA TYPE Geometry
* WIDTH 0
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Feature geometry.

DESCRIPTION SOURCE
ESRI

DESCRIPTION OF VALUES
Coordinates defining the features.

Hide Field Shape ▲

FIELD AREA ►
* ALIAS AREA
* DATA TYPE Double
* WIDTH 20
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Area of SWPA in square feet.

DESCRIPTION SOURCE
NHDES

DESCRIPTION OF VALUES
Calculated value using ArcGIS.

Hide Field AREA ▲

FIELD PERIMETER ►
* ALIAS PERIMETER
* DATA TYPE Double
* WIDTH 20
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Perimeter of SWPA in feet.

DESCRIPTION SOURCE
NHDES

DESCRIPTION OF VALUES
Calculated value using ArcGIS.

Hide Field PERIMETER ▲

FIELD MASTERID ►
* ALIAS MASTERID

* DATA TYPE Double
 * WIDTH 11
 * PRECISION 11
 * SCALE 0

FIELD DESCRIPTION

A number field showing the NHDES master (universal) ID for the facility.

DESCRIPTION SOURCE

NHDES

DESCRIPTION OF VALUES

Unique site identifier. It is an internal tracking ID number within the NHDES OneStop Data System.

Hide Field MASTERID ▲

FIELD SYSTEM_ID ►

* ALIAS SYSTEM_ID
 * DATA TYPE String
 * WIDTH 7
 * PRECISION 0
 * SCALE 0

FIELD DESCRIPTION

Environmental Protection Agency (EPA) System ID.

DESCRIPTION SOURCE

NHDES

DESCRIPTION OF VALUES

Unique identifier set by EPA.

Hide Field SYSTEM_ID ▲

FIELD ALLID ►

* ALIAS ALLID
 * DATA TYPE String
 * WIDTH 165
 * PRECISION 0
 * SCALE 0

FIELD DESCRIPTION

A 10 digit combination of the System ID and Master ID. All combinations representing well locations in the SWPA are listed.

DESCRIPTION SOURCE

NHDES

Hide Field ALLID ▲

FIELD SOURCE_IDS ►

* ALIAS SOURCE_IDS
 * DATA TYPE String
 * WIDTH 45
 * PRECISION 0
 * SCALE 0

FIELD DESCRIPTION

Public water supply locations represented by SWPA.

DESCRIPTION SOURCE

NHDES

DESCRIPTION OF VALUES

Derived from Public Water Supply ID.

Hide Field SOURCE_IDS ▲

FIELD NAME ►

* ALIAS NAME

* DATA TYPE String
 * WIDTH 30
 * PRECISION 0
 * SCALE 0
 FIELD DESCRIPTION
 Water system name.

DESCRIPTION SOURCE
 NHDES

DESCRIPTION OF VALUES
 Commonly accepted or known name for the water system as registered with NHDES.

Hide Field NAME ▲

FIELD ADDRESS ►

* ALIAS ADDRESS
 * DATA TYPE String
 * WIDTH 60
 * PRECISION 0
 * SCALE 0
 FIELD DESCRIPTION

Street address for the water system.

DESCRIPTION SOURCE
 NHDES

DESCRIPTION OF VALUES
 Location data supplied by the water system as registered with NHDES.

Hide Field ADDRESS ▲

FIELD TOWN ►

* ALIAS TOWN
 * DATA TYPE String
 * WIDTH 36
 * PRECISION 0
 * SCALE 0
 FIELD DESCRIPTION

Town where the water system exists.

DESCRIPTION SOURCE
 NHDES

DESCRIPTION OF VALUES
 Name of town as registered with NHDES.

Hide Field TOWN ▲

FIELD SYSTEM_ACT ►

* ALIAS SYSTEM_ACT
 * DATA TYPE String
 * WIDTH 1
 * PRECISION 0
 * SCALE 0
 FIELD DESCRIPTION

Activity status of the water system.

DESCRIPTION SOURCE
 NHDES

LIST OF VALUES

VALUE A
 DESCRIPTION The water system is Active.
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE I
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES
 DESCRIPTION The water system is Inactive.

Hide Field SYSTEM_ACT ▲

FIELD SYSTEM_TYP ►

* ALIAS SYSTEM_TYP
 * DATA TYPE String
 * WIDTH 1
 * PRECISION 0
 * SCALE 0

FIELD DESCRIPTION

Type of water system.

DESCRIPTION SOURCE

NHDES

LIST OF VALUES

VALUE C
 DESCRIPTION Community system
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE P
 DESCRIPTION Non-transient, non community systems (i.e. schools, hospitals, businesses etc.).
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE N
 DESCRIPTION Transient, non-community systems (i.e. hotels, restaurants, campgrounds etc.).
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

Hide Field SYSTEM_TYP ▲

FIELD SYSTEM_CAT ►

* ALIAS SYSTEM_CAT
 * DATA TYPE String
 * WIDTH 3
 * PRECISION 0
 * SCALE 0

FIELD DESCRIPTION

Type of establishment served by the water source.

DESCRIPTION SOURCE

NHDES

LIST OF VALUES

VALUE APT
 DESCRIPTION Apartment
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE COM
 DESCRIPTION Commercial property
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE CON
 DESCRIPTION Condominiums
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE CPG
 DESCRIPTION Campground
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE DAY
 DESCRIPTION Day care
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE DOM
 DESCRIPTION Dormitories, overnight schools, colleges
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE HAL
 DESCRIPTION Function halls, churches, social clubs
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE HOM
 DESCRIPTION Resident homes (nursing, group, live-in)
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE HOS
 DESCRIPTION Hospital, medical facility
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE IND

DESCRIPTION Industrial facility
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE INN
 DESCRIPTION Inn
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE INS
 DESCRIPTION Institution, rehabilitation
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE JUV
 DESCRIPTION Youth recreation camp
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE LCW
 DESCRIPTION Large community water system (CWS) (>1000 population or fire protection)
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE MCW
 DESCRIPTION Major CWS (>1500 population or surface supply)
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE MHP
 DESCRIPTION Mobile home park
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE MTL
 DESCRIPTION Motel, cabins, hotels
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE OTH
 DESCRIPTION Other (C, P, N)
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE REC
 DESCRIPTION Recreational, historical site
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE RES
 DESCRIPTION Restaurant
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE RSA
 DESCRIPTION Rest area
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE SCH
 DESCRIPTION Schools (public, private schools)
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE SCW
 DESCRIPTION Small CWS (<1000 population and No fire protection)
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE SER
 DESCRIPTION Seasonal residence
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE SFR
 DESCRIPTION Single family residence
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE SNK
 DESCRIPTION Snack bar, take-out foods
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE SPR
 DESCRIPTION Spring
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE STP
 DESCRIPTION State park
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE TWN
 DESCRIPTION Town offices and libraries
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE UNK
 DESCRIPTION Not known at this time
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE WKP
 DESCRIPTION Workplace (25 employees, not commercial/industrial)
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

Hide Field SYSTEM_CAT ▲

FIELD POPULATION ►

* ALIAS POPULATION
 * DATA TYPE Integer
 * WIDTH 6
 * PRECISION 6
 * SCALE 0

FIELD DESCRIPTION

Population served by the water system.

DESCRIPTION SOURCE

NHDES

DESCRIPTION OF VALUES

Population served is provided by the water system or applicant and is determined by NHDES' Water Supply Engineering Bureau (WSEB) using the number of service connections multiplied by 2.5 (persons).

Hide Field POPULATION ▲

FIELD DWPA_TYPE ►

* ALIAS DWPA_TYPE
 * DATA TYPE String
 * WIDTH 3
 * PRECISION 0
 * SCALE 0

FIELD DESCRIPTION

The methods used to delineate SWPAs.

DESCRIPTION SOURCE

NHDES

LIST OF VALUES

VALUE DEF

DESCRIPTION Default is a 4000-foot circle. Phase I delineation effort produced the maximum area used.
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE PH1

DESCRIPTION Phase I delineation based on hydrogeologic data.
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE MP1

DESCRIPTION Phase I modified by new data.
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE NW2

DESCRIPTION Phase II delineation completed for a new community well.
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE DSN

DESCRIPTION Fixed radius based on design flow under system approval.
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE SYV

DESCRIPTION Fixed radius based on reported safe yield.
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE W

DESCRIPTION Fixed radius based on maximum daily withdrawal reported under NHDES sampling waiver program.
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE PS

DESCRIPTION Fixed radius based on maximum daily withdrawal reported during a NHDES telephone survey.
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE NW1

DESCRIPTION Phase I delineation completed for a new community well.
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE SW1

DESCRIPTION Watershed delineations for a surface water intake. Where topography does not indicate a definitive divide the larger area is included e.g., where a wetland is located in a saddle between two ridges the watershed delineation includes all of the wetland.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

VALUE GSW

DESCRIPTION Watersheds for wells identified as being under the influence of surface water. (However, they are not considered under the direct influence of surface water as defined by the surface water treatment rule.) Delineation is a combination of groundwater contribution identified using Phase I methodology and the surface water contribution identified using methodology applied to surface water intakes.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHDES

[Hide Field DWPA_TYPE ▲](#)

FIELD DWPA_RAD ►

* ALIAS DWPA_RAD

* DATA TYPE Double

* WIDTH 11

* PRECISION 11

* SCALE 0

FIELD DESCRIPTION

Numeric radius of fixed-radius protection areas measured in feet.

DESCRIPTION SOURCE

NHDES

DESCRIPTION OF VALUES

Value set by method used.

[Hide Field DWPA_RAD ▲](#)

[Hide Details for object Source_Water_Protection_Areas ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

SCOPE NAME dataset

LAST UPDATE 2014-02-10

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-02-18 15:28:09

AUTOMATIC UPDATES

LAST UPDATE 2016-02-18 15:28:09

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME George Hastings

ORGANIZATION'S NAME New Hampshire Department of Environmental Services

CONTACT'S POSITION GIS Coordinator

CONTACT INFORMATION ►

PHONE

VOICE 603-271-0399

ADDRESS

TYPE

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ADMINISTRATIVE AREA NH
POSTAL CODE 03302
COUNTRY US
E-MAIL ADDRESS George.Hastings@des.nh.gov

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE
UPDATE FREQUENCY annually

[Hide Metadata Maintenance ▲](#)

FGDC Metadata (read-only) ▼