

New Hampshire Department of Environmental Services Spatial Data Notes

DATA LAYER: Registered Water Users
COVER NAME: WATUSE
COVER CONTENTS: Water users who use more than 20,000 gallons of water per day.
COVER TYPE: Point
SOURCE: NHDES WRD, Water Management Bureau
SOURCE SCALE: Various (see the item LOCACC in WATUSE.PAT)
SOURCE MEDIA: Various (see the item LOCACC in WATUSE.PAT)
AUTOMATED BY: NHDES GIS Program and NH Geological Survey
HORIZONTAL DATUM: 1983
TILE: State
STATUS: Complete as of date of last revision.
LAST REVISION: February 2003

General Description of the Data

- ?? This coverage was developed by the NHDES Water Resources Division, Water Management Bureau, and contains the locations of water users who use more than 20,000 gallons of water per day and are registered with the NHDES WRD. "Use of water" includes the withdrawal of water from the ground or surface water body, the delivery of water from another supplier to the user indicated, the release of water from the user indicated to another facility, and/or the return of water to the environment (surface or ground water).
- ?? This coverage was created by the NHDES GIS Program from geographic coordinates provided by the NHDES Water Management Bureau. The source of these coordinates varies and is indicated by the item LOCACC.
- ?? Questions regarding these data should be directed to Rick Chormann at the NH Geological Survey, (603) 271-3406.

ITEM DEFINITIONS FOR INFO FILE: WATUSE.PAT

<u>ITEM NAME</u>	<u>WDTH</u>	<u>OPUT</u>	<u>TYPE</u>	<u>N.DEC</u>	<u>DESCR.</u>
AREA	4	12	F	3	
PERIMETER	4	12	F	3	
WATUSE#	4	5	B	0	
WATUSE-ID	4	5	B	0	
USERID	5	5	C	0	See below ¹
USERNAME	26	26	C	0	Name of the water user
FACILITY	25	25	C	0	Facility name (point of use)
NWUDS	2	2	C	0	See below ²
AVGDD	10	10	N	2	See below ³
MAXDD	11	11	N	3	See below ⁴
SDID	15	15	C	0	See below ⁵
EPAID	9	9	C	0	See below ⁶
SDNAME	25	25	C	0	See below ⁷
SDTYPE	2	2	C	0	See below ⁸
SUBTYPE	2	2	C	0	See following page ⁹
ACTION	2	2	C	0	See following page ¹⁰
LOCACC	1	1	C	0	See following page ¹¹

NOTES:

¹ USERID is the number assigned by the NHDES Water Management Bureau to water users who use more than 20,000 gallons/day.

² NWUDS describes the general purpose for which the water is being used:

AG	Agriculture	PB	Power, biomass
AQ	Aquaculture	PF	Power, fossil-fuel
CO	Commercial	PG	Power, geothermal
DO	Domestic	PH	Power, hydroelectric
IN	Industrial	PN	Power, nuclear energy
IR	Irrigation	SM	Snow making
IT	Institutional	ST	Sewage treatment
MI	Mining	WS	Water supplier

³ AVGDD is the average amount of water used by the facility in a day, as estimated by the user (kgal/day).

⁴ MAXDD is the maximum amount of water used by the facility in a day, as estimated by the user (kgal/day).

⁵ SDID is the identification number associated with the source/destination.

⁶ EPAID is the FRDSII code for public water supply sources.

⁷ SDNAME is the name of the source/destination.

⁸ SDTYPE indicates the type of source/destination:

SW	Surface Water, including lakes, ponds, rivers, or streams.
GW	Ground Water, generally from a well or to a leach field or other land-based destination.
TW	Transferred Water between two registered facilities.
AT	Atmosphere. This destination is reserved for evaporative losses.
NR	Not Reported.

⁹ SUBTYPE provides a more detailed description of the physical feature serving as a source or destination. The following SUBTYPE codes apply to withdrawals/returns:

AR	Artificial recharge	RV	River
BK	Brook	SP	Spring
CS	Combined sources	UI	Underground injection
EV	Evaporation	WB	Well, bedrock
LF	Leach field	WD	Well, dug
LG	Lagoon	WF	Well field
LK	Lake	WG	Well, gravel packed
OC	Ocean	WL	Well, type uncertain
PD	Pond	WP	Well, point
RS	Reservoir		

The following SUBTYPE codes, as well as the codes shown above, apply to deliveries/releases:

CG	Consumer goods	CV	Conveyance
----	----------------	----	------------

¹⁰ ACTION describes the movement of water to or from the environment or between facilities:

- WL: Withdrawal of water from the ground or surface water body.
- DL: Delivery of water from another supplier to the user indicated.
- RL: Release of water from the user indicated to another facility.
- RT: Return of water to the environment (surface or ground water).

¹¹ LOCACC expresses the estimated relative accuracy of the feature location:

- 1: self-reported by facility, plotted on a 72-minute USGS quadrangle, and hand-scaled.
- 2: field-verified location, plotted on a 72-minute USGS quadrangle, and digitized.
- 3: based on autonomous GPS readings.
- 4: field-located by a professional surveyor using optical instruments and tied to horizontal control.
- 5: differentially-corrected GPS.
- 6: unknown.