

New Hampshire Department of Environmental Services Spatial Data Notes

DATA LAYER: Groundwater Hazard Inventory
COVER NAME: C_SITE and C_AREA
COVER CONTENTS: Existing and potential threats to groundwater quality as recorded in the files of the NHDES Oil Remediation and Compliance Bureau.
COVER TYPE: Point (C_SITE) and Polygon (C_AREA)
SOURCE: NHDES, Oil Remediation and Compliance Bureau.
SOURCE SCALE: 1:24,000 and 1:25,000
SOURCE MEDIA: Mylar and digital
AUTOMATED BY: NHDES, Oil Remediation and Compliance Bureau
HORIZONTAL DATUM: 1983
TILE: State
STATUS: Continuously locating sites as they are discovered.
LAST REVISION: Updated monthly

General Description of the Data

The Oil Remediation and Compliance Bureau has an ongoing effort to create a GIS counterpart to its groundwater hazards inventory database. The project is now in its ninth year. The coverages C_SITE and C_AREA contain 6,878 and 564 features statewide, respectively, as of the date of last revision. The features in these coverages are classified under one or more of 29 different project types. A complete description of these project types is attached.

Approximately half (55%) of the features in C_SITE were located using differentially-corrected GPS data. The remainder were field located on USGS paper quadrangles using traditional field methods (i.e., map/compass), transferred to mylar, and digitized; the remaining features.

Features in the coverage C_AREA were compiled from the best-available sources: either USGS Orthophotoquads or aerial photos.

The information provided in the coverages C_SITE and C_AREA are a subset of spatial databases developed by the New Hampshire Department of Environmental Services (DES), Water Division. Development of these databases is part of an ongoing project inventory; this inventory may not contain all existing and potential threats to groundwater. The DES is not responsible for the use or interpretation of this information, nor 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.

Questions regarding these data may be addressed to Katie Callahan, GIS technician (603) 271-7940.

7 October 2002

Please NOTE: Aboveground Storage Tanks (ASTs) have been removed from this coverage and placed into a separate coverage called AST_SITE; but "LAST" project types are still included.

ITEM DEFINITIONS FOR INFO FILES: C_SITE.PAT & C_AREA.PAT

<u>ITEM NAME</u>	<u>WDTH</u>	<u>OPUT</u>	<u>TYPE</u>	<u>N.DEC</u>	<u>Alternate Name</u>	<u>DESCR.</u>
AREA	4	12	F	3		
PERIMETER	4	12	F	3		
<COV>#	4	5	B	0		
<COV>-ID	4	5	B	0		
DATASOURCE	15	15	C	0		See below ¹
TYPE	5	5	C	0		See below ²
MASTERID	4	5	B	0	MASTER_ID	Unique site identifier
SITE#	48	48	C	0		See below ³
SITE_NAME	45	45	C	0		Site name
ADDRESS	35	35	C	0		Site address
TOWN	30	30	C	0		Site town
PROJ_TYPE	48	48	C	0		See below ⁴
STAFF	86	86	C	0		See below ⁵
WLP	1	1	I	0		See below ⁶
RISK	3	3	C	0		See below ⁷
PERMIT	19	19	C	0		See below ⁸
TAX_MAP	25	25	C	0		Tax map number
TAX_LOT	32	32	C	0		Tax-map lot number
X-COORD	4	12	F	3		NH State Plane x-coordinate (feet)
Y-COORD	4	12	F	3		NH State Plane y-coordinate (feet)

NOTES:

- ¹ Indicates whether the feature was digitized from USGS 7.5' quadrangle or is derived from differentially-corrected GPS data.
- ² There may be points in C_SITE which are coincidental with points in NHDES Oil Remediation and Compliance Bureau's underground storage tank inventory. This is indicated by TYPE: "CU" indicates the point is present in both, "C" indicates it is present only in C_SITE.
- ³ SITE# is the id assigned to the site by the Oil Remediation and Compliance Bureau. Those features which are classified under more than one project type will show the respective SITE#s, even if they are the same SITE#.
- ⁴ PROJ_TYPE indicates the type of site which the feature represents, as assigned by the Oil Remediation and Compliance Bureau. Note that a feature may be classified under more than one project type. A description of the project types is attached.
- ⁵ The item STAFF lists the staff member responsible for the project site. If STAFF = CLOSED, the site is inactive.
- ⁶ WLP 1 = HIGH, 2 = MEDIUM, 3 = LOW This field is to ensure the most important project is addressed promptly and in a timely manner. The priority is set by the section supervisor, based on risk, complexity of the project and the human resources of the section. HIGH and MEDIUM Workload Priority projects are assigned to a DES project manager for continuous management until the project file is closed by DES and no further regulatory action is required. Projects with LOW Workload Priority are assigned only if a submittal or report has been received by DES and it is assigned on a first-in-first-out basis.
- ⁷ RISK (1 = Immediate risk to human health; 2 = In wellhead protection area or within 1000' of well; 3 = Free product or high level source; 4 = Surface water impact; 5 = Groundwater impact, no alter. water; 6 = High concentration, alter. water available; 7 = Low conc., alter. water available; 8 = No sources, no ambient groundwater quality standards violations onsite; NDY = not yet defined)
- ⁸ The permit numbers which have been assigned to sites by the Oil Remediation and Compliance Bureau. Note that a site may have up to four permit numbers; only the most recent is defined in the coverage.

DESCRIPTION OF PROJECT TYPES (PROJ_TYPE)

CERCLA	Superfund site.
COMPLAINTS	Site was referred to the Oil Remediation and Compliance Bureau as a complaint and has not been reassigned to another project type.
ETHER	Ether contamination from an unknown source
FUEL	Leaking bulk storage facilities containing fuel oil
GWRELDET	Site which has a groundwater release detection permit and no other defined project type.
H2O SAMPLE	Isolated groundwater sample with contaminant detection. Site has not been tied to a known contaminant source.
HAZWASTE	Site has non-petroleum related contamination (i.e. chlorinated solvents). This type does not indicate severity of contamination, it is only an identifier of the type of contamination.
HOLDTANK	Non-hazardous, non-sanitary holding tank registration.
IRSPILL	Initial response spill.
LAND/LN	Lined landfill.
LAND/PRP	Proposed landfill.
LAND/UNLN	Existing landfill or landfill closure.
LAST	Leaking above ground bulk storage facilities containing motor fuel.
LUST	Leaking underground storage tank project.
LWW/LAG	Lined wastewater lagoon.
MOST	Leaking motor oil storage tank.
OLD DUMP	Old open dump site (non-landfill).
OPUF	Leaking residential or commercial heating oil tanks.
RAPIDINF	Rapid infiltration basin.
SEPT/LAG	Septage lagoon.
SEPTIC	Subsurface wastewater disposal system receiving > 20,000 gallons/day.
SITEEVAL	Unsolicited site assessment (i.e. the site assessment was not requested by the State). Often these evolve due to a real estate transaction of commercial property.
SLUD/LAG	Sludge lagoon.
SLUDGAP	Sludge application project.
SPILL/RLS	Oil spill or release.
SPRAYIRR	Spray irrigation project.
STUMP/DEMO	Municipal or commercial stump or demo dump.
TRANS. STA	Solid waste transfer station.
UIC	Underground injection control: discharges of benign wastewaters not requiring a groundwater discharge permit or request to cease a discharge (i.e. floor drain closure requests).
UWW/LAG	Unlined wastewater lagoon.