

WD-DWGB-12-6

2011

Reviewing Files of Contaminated Sites for the Community Well Siting Process

Under New Hampshire Administrative Rules Env-Wq 301, 302 and 403 for the siting of wells for community water systems and bottled water, applicants must identify potential and known sources of contamination within the wellhead protection area of proposed wells. Applicants must review DES files relative to those sources and summarize certain information in well-siting reports submitted to DES. This fact sheet outlines the steps in the process and information that the applicant must glean from the files.

1. The applicant contacts DES's Drinking Water Source Protection Program (DWSPP) at (603) 271-7017 to request a map and inventory of the wellhead protection area.
2. The DWSPP sends the applicant a map and inventory of known and potential contamination sources developed from available DES database records. The inventory identifies each source by project type, project name, facility name and address, facility site number and project number.
3. The applicant calls the Drinking Water and Groundwater Bureau at (603) 271-0713 to make an appointment to look at specific files. The applicant does not necessarily need to review files for every project on the list. The table on the back of this page summarizes the project types requiring file review and summarization. Only active projects must be reviewed.
4. When reviewing the files, the applicant must obtain and summarize the following information for each project type listed on the back of this sheet. The following information for each site must be presented with the preliminary well siting report. The first five items below will be listed on the DES inventory received with the map.
 - DES project type.
 - DES facility site number.
 - DES project manager. (If not clear from the file, contact the Drinking Water and Groundwater Bureau.) If the project manager is listed as "closed," no file review is required.
 - Facility name and address.
 - Property owner's name and address.
 - A general description of site activities.
 - A chronology of events, including any releases, investigation, and remediation activities.

- When applicable, a description of the nature, extent, amount and location of the contamination or suspected release, status of the remediation, and copies of maps showing the extent of the groundwater management zone and groundwater contamination, groundwater contours and location of the site in relation to the proposed well(s). For each project file reviewed, the well siting report should address each of the following questions.
 - Was groundwater contamination suspected or detected?
 - Has the contamination source been removed?
 - Has a groundwater management permit been issued? Is there any indication whether the terms of the permit are being followed?
 - If contamination is left in the ground what is the concentration and extent?
 - Has DES required further action?

Project Types Requiring File Review

Project Type Abbreviation	Description
CERCLA	Superfund site.
COMPLAINTS	A complaint made and another project type has not been assigned.
FUEL	Fuel oil leak at a bulk storage facility.
H2O SAMPLE	Isolated sample with contamination detection not tied to a known source.
HAZWASTE	Site has non-petroleum related contamination (e.g. solvents).
LAND/UNLN	Existing landfill or landfill closure.
LAST	Motor fuel leak from an above-ground tank.
LUST	Leaking underground storage tank.
MOST	Leaking motor oil storage tank.
OLD DUMP	Old open dump site (non-landfill).
OPUF	Leaking heating oil tank.
RAPIDINF	Rapid infiltration basin.
REMED/RCHG	Remediated or treated groundwater discharged to groundwater.
SEPT/LAG	Septage lagoon
SITEEVAL	Unsolicited site assessment
SLUD/LAG	Sludge lagoon
SPILL/RLS	Oil spill or release
UWW/LAG	Unlined wastewater lagoon

For Additional Information

Please contact the Drinking Water and Groundwater Bureau at (603) 271-2513 or dwgbinfo@des.nh.gov or visit <http://des.nh.gov/organization/divisions/water/dwgb/index.htm>.

All of the bureau's fact sheets are available at:

<http://des.nh.gov/commissioner/pip/factsheets/dwgb/index.htm>.

Note: This fact sheet is accurate as of July 2011. Statutory or regulatory changes or the availability of additional information after this date may render this information inaccurate or incomplete.