

PERMIT PROFILE: LONG ISLAND WELLS

TECHNICAL PROGRAM: Division of Water

STATUTORY AUTHORITY: Article 15, Title 15 of the Environmental Conservation Law

APPLICABLE REGULATIONS: 6NYCRR Part 602

LEGISLATIVE INTENT:

To conserve and control the water resources in the Counties of Kings, Queens, Nassau and Suffolk by regulating the installation and operation of certain wells.

REGULATED ACTIVITIES:

! The installation or operation of any well in the County of Kings, Queens, Nassau or Suffolk to withdraw water for any purpose, when the total capacity of such well or wells on any one property is in excess of 45 gallons per minute.

EXEMPT ACTIVITIES:

! The installation of a fire well to which no pumping equipment is permanently attached when such well is installed by a municipal corporation, fire district or duly organized fire company or department.

MINOR PROJECTS:

- ! A well used solely for cooling purposes where all water pumped will be discharged within 50 vertical feet of the taking and no SPDES permit is required.
- ! Temporary dewatering systems withdrawing less than one million gallons per day.
- ! Permanent dewatering systems providing all water pumped is completely discharged within 50 vertical feet of the taking point and no SPDES permit is required.
- ! A well with a permanently installed pump to be used for fire protection purposes only.
- ! Acquisition and use, in an existing approved system of a supplemental supply from another approved system having a demonstrated surplus supply.
- ! Replacement of a well with an equivalent well in the same aquifer having a capacity not more than 110 percent of the original.

PROGRAM SPECIFIC COMPLETENESS REQUIREMENTS:

- ! Location map of property, wells, diffusion pits, and other pertinent information.
- ! Construction plans.
- ! Project data.
- ! Supplemental Data Forms dependent on the purpose of the well (i.e., irrigation, tank replacement).

PUBLIC NOTICE REQUIREMENTS:

- ! Environmental Notice Bulletin and newspaper publication for major projects.

STANDARDS FOR ISSUANCE:

- ! Withdrawal is within safe yield capacity of the aquifer and is consistent with regional water management plans.
- ! Proper consideration of other sources of supply is undertaken.
- ! An adequate volume and quality of water is recharged back to an aquifer.
- ! Works are properly and safely constructed.
- ! Project is just and equitable with regard to present and future needs for sources of water supply.
- ! The watershed is adequately protected.
- ! Where water is used by a water purveyor, the statutory requirements for public water supply must also be satisfied.

REFERENCE MATERIALS/SOURCES OF INFORMATION:

- ! Division of Water Technical and Operational Guidance Series 3.2.2.

SPECIAL PROCEDURES AND EXCEPTIONS:

- ! Well drillers in Long Island counties must obtain certificates of registration.
- ! Permits may be issued for a maximum time period of 10 years, after which permits may be renewed.
- ! Aquifers are categorized as unstressed, transitional or over-stressed.
- ! Water purveyors must also obtain a Public Water Supply permit.