



DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP)
BUREAU OF WATER & SEWER OPERATIONS (BWSO)
DRILLING AND EXCAVATION PERMIT FORM

Date of Submission: _____

DES #: _____

A. Project Information

Address/ Project Location/ Distance from Street Intersections:

Borough: _____ Tentative Lot(s): [] Yes [] No

Block 1: _____ Lot 1: _____ Lot 2: _____ Lot 3: _____

Block 2: _____ Lot 1: _____ Lot 2: _____ Lot 3: _____

Type of Proposed Work: [] Drilling [] Pile Driving [] Foundation/Earthwork
(Provide detailed description under Section B of this form.)

Project Engineers Information:

Applicant Name: _____ Company Name: _____

Street Address: _____

Borough: _____ State: _____ Zip: _____

Tel #: () _____ Email: _____

Applicant Name: _____ Company Name: _____

Street Address: _____

Borough: _____ State: _____ Zip: _____

Tel #: () _____ Email: _____

Applicant Name: _____ Company Name: _____

Street Address: _____

Borough: _____ State: _____ Zip: _____

Tel #: () _____ Email: _____

Drilling and/or Excavation Company Information:

Contact Person: _____ Company Name: _____

Street Address: _____

Borough: _____ State: _____ Zip: _____

Tel #: () _____ Email: _____

Owner Information:

Owner Name: _____ Company Name: _____

Street Address: _____

Borough: _____ State: _____ Zip: _____

Tel #: () _____ Email: _____



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Please address Permit Application with supporting documents listed below to
drillingdata@dep.nyc.gov.

B. Support Documents (see also Title 15 of the Rules of the City of New York (RCNY), Chapter 57):

THE FOLLOWING SUPPORT DOCUMENTS ARE REQUIRED

- [] 1. Filing fee (\$1,000) as established by the latest New York City Water Board Water and Sewer Rate schedule, made payable to the Water Board in the form of a bank check, certified check, or money order mailed to Guo Zhan Wu, P.E. Chief, Regulatory Review, Bureau of Water & Sewer Operations, 59-17 Junction Boulevard 3rd Floor Low-Rise, Flushing, NY 11373.
Filing fee is required before the submission is scheduled for review.
- [] 2. Transmittal letter specifying the purpose of the proposed drilling and/or excavation work (e.g., geothermal well, stratigraphic well, environmental investigation, piles, etc.) including the proposed means and method of drilling and/or excavation, anticipated start and end dates of drilling and/or excavation, as applicable signed and stamped by a Professional Engineer licensed to practice in the State of New York (NYS PE).
- [] 3. Site planning survey (performed within one year of original pre-application submission), showing the owner's property and adjacent lots. Each survey with original stamp and signature of a land surveyor licensed to practice in the State of New York.
- [] 4. One set of the site plan drawings signed and sealed by a NYS PE. The site plan drawings shall include the following:
 - a. Address, block and lot of the project location.
 - b. Plan View showing the proposed location and depth of the drilling and/or excavation within the project site including any temporary and permanent construction work.
 - c. Section views and details of the proposed drilling and/or excavation work with all pertinent horizontal and vertical clearances to the property line.
 - d. All existing easements and/or Real Estate of Utility Companies (REUC) boundary limits located within project site as per the latest NYC Tax Map.
 - e. All elevations should refer to North American Vertical Datum of 1988 (NAVD 88).
- [] 5. Geotechnical boring location plan if applicable, indicating proposed diameter, ground surface and bottom elevation of boreholes/ wells for the project site, signed and sealed by a NYS PE.
- [] 6. Geotechnical report signed and sealed by NYS PE if applicable.
- [] 7. Excavation and Support of Excavation drawings if applicable, signed and sealed by a NYS PE including: the excavation footprint dimensions with northing and easting coordinates, elevation sections showing the dimensions and depth of the excavation.
- [] 8. For drilling application, describe the proposed tools, methods and/or intervals to measure deviation from the origin of the borehole in accordance with DEP guidelines in 15 RCNY §57-05. Within thirty (30) days after completing drilling and/or excavation, the permittee must provide documentation to DEP indicating the depth and azimuth of the finished borehole or well and/or the depth of the excavation, as applicable. A professional engineer or licensed land surveyor must stamp such certification.
The permittee must conduct, at a frequency specified by DEP, all deviation surveys deemed necessary by the Commissioner. The frequency will vary depending on the type of drilling equipment utilized and the location of the borehole or well. If DEP requires the applicant to perform a deviation survey:
 - a. The permittee must engage an experienced specialty surveyor licensed as a land surveyor in the State of New York, who has experience conducting deviation surveys;
 - b. The permittee must conduct a deviation survey that measures borehole or well inclination and azimuth;
 - c. The permittee must conduct the deviation survey utilizing a gyroscopic probe or another suitable verticality probe;
 - d. The drilling company or engineering firm must process the deviation survey output to produce a log containing tabular and graphical representations of the borehole or well inclination, azimuth, and depth; must maintain the log on site; must update the log at least



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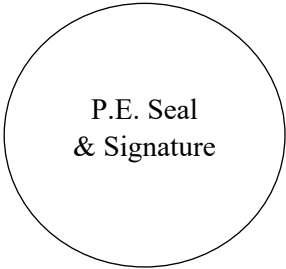
once per shift or every 8 hours, whichever is sooner; and must make the log readily available for a DEP inspector to review;

e. If DEP determines that the deviation survey is inadequate or the drilling is not proceeding as approved, DEP may require the permittee to retain an independent deviation surveyor and bear all costs and expenses associated with that surveyor; permittee must submit the credentials of the independent surveyor to DEP for review and approval.

- [] 9. Certificates of Insurance, as required in 15 RCNY §57-06, including proof of insurance from owner and contractor. The policies must list the City of New York and the Water Board as additional insured.

It is the responsibility of the filing engineer to inform DEP of any subsequent changes regarding the project (*e.g. proposed type of work, depth of proposed drilling and/or excavation, boundary limits, etc.*).

The plans with all the above information and supporting documents have been checked by the undersigned as to their completeness, accuracy and legibility.



Name of Professional Engineer

P.E. License No.: _____