



NOISE SUPPRESSION PLAN GUIDELINES



Montgomery County Department of Environmental Protection

Energy, Climate & Compliance Division

A Noise Suppression Plan (NSP) is a plan written and developed under the guidance of an engineer familiar with the principles of acoustics. A NSP will detail the use of the most effective noise-suppression equipment, materials, and methods appropriate and reasonably available for a particular type of construction. As a minimum a NSP must contain the following:

1. A detailed scope of the work to be performed, why the project can not comply with the current construction noise standard, the duration of the project, and the expected noise levels to be produced during the project.
2. A scaled site map which accurately depicts the exact location of the project, the project boundaries, and all affected residential and business properties within a radius of 1000 feet of the construction site.
3. Explain how the implementation of the proposed NSP will benefit the public.
4. A detailed description of the noise-suppression equipment, materials, and methods to be employed for this project.
5. Upon receipt and review of a NSP the Department of Environmental Protection (DEP) will prepare a Public Notice and send it to the applicant.
6. The applicant will distribute the public notice to all properties within 1000' of the work site. Distribution may be done by mail or hand delivery, and only one notice is required to be delivered to the property management office of multi-tenant residential and office buildings.
7. Upon confirmation of the public notice distribution, DEP will begin the 10-day public comment period.
8. DEP will forward to the applicant any relevant public comments for response.
9. DEP may approve the NSP upon completion of the 10-day comment period.
10. The applicant must develop and distribute a Community Notice prior to commencement of work. The notice shall contain a description of the project, duration, noise mitigation measures to be used, and on-site contact information for the contractor. A copy of the Community Notice shall be forwarded to DEP with confirmation of the date of distribution.

See Page 2 for Additional Information Required for Pile Driving Requests

Pile Driving – Additional Information Required

- Site plan map showing the location of each proposed pile with a list of distances to the closest residential unit.
- Noise modeling map showing the projected decibel levels to the closest nearby residences. This shall be prepared by a trained acoustical professional competent in noise modeling.
- Technical specifications for the pile driving hammer and a description of the hammer operator's procedures, i.e., will the hammer power level vary according to the substrate composition.
- A description of the substrate composition (geotechnical data) on the site.
- The sequence of pile installation including the projected number of days/dates to complete the piling installations. How is the pile installation planned to progress around the site?
- A list of noise mitigation measures that will be used to ensure the noise level from pile driving does not exceed the 85 dBA maximum allowed.
- Procedures for notifying the nearby residential communities of the work status and who they contact to report noise issues.
- Procedures for responding to noise complaints from nearby residents.
- A detailed plan describing how sound levels will be monitored when pile driving is occurring. This shall include a description of the sound meter, meter operator training, monitoring locations, and number of sound measurements.

NOTE: The 85 decibel limit, if approved, will only apply from 7:00 AM until 5:00 PM, Monday through Friday. At all other times, including weekday Federal holidays, the maximum noise levels must comply with the noise limits as specified in Section 31B-6 of the Montgomery County Code.

Questions concerning Noise Suppression Plans should be directed to Steve Martin, Montgomery County DEP, at 240-777-7746 or steve.martin@montgomerycountymd.gov