

Northshore Excavation Noise Control Policy

1. PURPOSE

The purpose of this policy is to regulate and manage noise levels produced by Northshore Excavation operations to ensure they remain within acceptable limits as defined by local regulations.

2. DEFINITIONS

For the purposes of this policy, the following definitions shall apply:

- **Commercial Receiving Zone:** Includes all commercial, industrial, multi-family, mixed-use zones, and all public property adjacent to these zones.
- **Day:** 8:00 a.m. to 5:00 p.m.
- **Decibel (dB):** Unit of measurement for sound pressure level. The symbol is "dB".
- **Events:** Formally organized activities, such as sports or cultural events, officially reserved with the Parks and Recreation Department and/or with required Special Event Permits.
- **La:** A-weighted sound level.
- **LAeq:** A-weighted equivalent continuous sound level in La (dB-SPL) measured over a specified period.
- **LAm_{ax}:** Maximum A-weighted sound level permitted in a receiving zone.
- **Night:** 5:01 p.m. to 7:59 a.m.
- **Noise Control Officer (NCO):** Individual authorized by State or Municipal Code to enforce noise regulations. Includes all sworn officers.
- **Property Line:** Vertical boundary separating properties, including those in multi-dwelling units or multi-use properties.
- **Residential Receiving Zone:** Includes all single-family residential zones and publicly owned properties surrounded by such zones.
- **Sound:** Oscillation in pressure, stress, particle displacement, or particle velocity that induces auditory sensation.
- **Special Event Permit:** Permit required for public gatherings.

3. SOUND LEVEL STANDARDS

Northshore Excavation shall adhere to the following sound level limits for operations:

- **Residential Receiving Zone**
 - **Night:**
 - LAeq 2 hr: 40 dB
 - LAeq 1 hr: 42 dB
 - LAeq 15 min: 43 dB
 - LAeq 2 min: 44 dB

- LAmax: 45 dB
- Day:
 - LAeq 2 hr: 55 dB
 - LAeq 1 hr: 70 dB
 - LAeq 15 min: 75 dB
 - LAeq 2 min: 80 dB
 - LAmax: 93 dB
- Commercial Receiving Zone
 - Night:
 - LAeq 2 hr: 65 dB
 - LAeq 1 hr: 66 dB
 - LAeq 15 min: 68 dB
 - LAeq 2 min: 71 dB
 - LAmax: 74 dB
 - Day:
 - LAeq 2 hr: 80 dB
 - LAeq 1 hr: 81 dB
 - LAeq 15 min: 83 dB
 - LAeq 2 min: 90 dB
 - LAmax: 103 dB

4. MEASUREMENT

- Sound levels shall be measured at the property line of the affected property.
- Measurements shall use the A-weighted scale.

5. EXEMPTIONS

The following activities are exempt from this policy:

- Vehicles operated by Police, Sheriff, and Fire Departments.
- Emergency utility repairs.
- Snow, water, or hazard removal. During night hours, reverse indicators should be disabled for movements exceeding five seconds.
- Fireworks in compliance with State Code.
- Aircraft or railroad equipment following state or federal regulations.
- Refuse collection between 8:00 a.m. and 5:00 p.m.
- Agricultural harvesting.
- Road and utility work on UDOT Highways as authorized by UDOT.
- Concrete pouring for city utility projects with City Engineer approval.

6. ADDITIONAL REQUIREMENTS

- Construction noise is prohibited before 8:00 a.m. and after 5:00 p.m.
- Engines must have a muffler or sound dampening device.

- No intentional disruption of neighboring property quiet enjoyment or Events on public property.
- No engine brakes (“jake brakes”) on roads with a 5.0% grade or less.
- Sound amplification devices must not disrupt Events on public property if sound exceeds 55 dBA.

7. PENALTIES

Violations of this policy are considered infractions and may be charged under applicable local and state regulations.

History

Adopted by Northshore Excavation on 10/15/2022.

Amended on 01/18/2024.