

Intermittent Noise Testing

The 6 sites we tested were for intermittent noise (no data centers). The LEQ's were as follows:

Site 1 – 12715 Sea Ray Lane (PW Water Pump Station)

1. 53.6, 58.8, 52.8, 54.4, 57.1, 54.9, 54.1, 52.8, 57.1, 63.4 – All data was captured in the first 10 minutes of readings.
 1. Calibration = 113.9
 2. Cloudy/humid/little to no wind
2. 66.9, 58.5, 54.2, 60.3, 65.6, 55, 53.9, 52.6, 60.6, 56 – All data captured in the second round of 10 minutes of readings.

Site 2 – 15023 Farm Creek Drive (PW Water Pump Station)

1. 56, 56.7, 56.9, 56.3, 56.8, 55.9, 57.7, 55.8, 56, 56.2 – All data captured in the first 10 minutes of readings.
 1. Calibration = 113.9
 2. Cloudy/humid/little to no wind

Site 3 – 17199 Richmond Hwy (PW Water Pump Station)

2. 65.7, 65.5, 65.1, 63.1, 66.2, 65.5, 79, 69, 64.4, 62.9 – All data captured in the first 10 minutes of readings
 1. Calibration = 113.9
 2. Cloudy/humid, little to no wind/traffic in the area

Site 4 – 15001 Potomac Town Place (Bar Louie – residential)

3. 64, 63.4, 61.1, 59.1, 62.8, 62.9, 63.1, 65.9, 64, 61.4 – All data captured in the first 10 minutes of readings
 1. Calibration = 113.9
 2. Cloudy/humid/breezy/Traffic

Site 5 – 14801 Dining Way (Wegman's Loading Dock - residential)

4. 60.7, 60.7, 59.3, 60, 60.9, 62, 59.4, 59.5, 61, 60.6 – All data captured in the first 10 minutes of readings
 1. Calibration = 113.9
 2. Cloudy/humid/breezy

Site 6 – 14000 Sudley Manor Drive (Marsteller Middle School)

5. Received complaint of noise from construction generators running intermittently
6. Noise readings (10 minutes)
 1. LEQ = 54.0
 2. L10 = 57.2
 3. L50 = 52.9
 4. L90 = 51.6
 5. LAS Max = 58.7
 6. Lpeak = 75.4