

Mining Noise Monitoring Checklist

Pre-Monitoring Setup

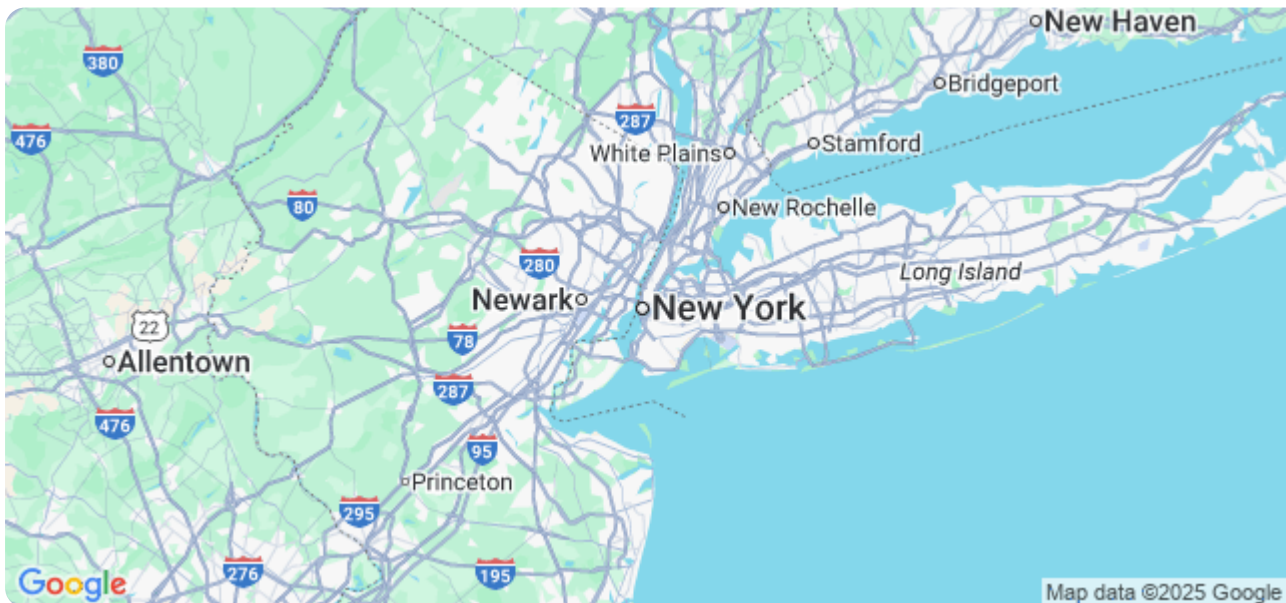
Ensuring equipment and environment are prepared for accurate noise level assessment.

Monitoring Date

Start Time

Primary Monitoring Location

 [Set My Current Location](#)



Weather Conditions

- ☐ Clear
- ☐ Cloudy
- ☐ Rain
- ☐ Windy

Wind Speed (m/s)

Enter a number...

Monitoring Plan Reference

Write something...

Equipment Calibration & Functionality

Verifying the sound level meter and associated equipment are functioning correctly and are within calibration dates.

Last Calibration Date

Enter date...

Serial Number

Enter a number...

Calibration Certificate Number

Enter a number...

Calibration Standard Used

- ☐ ANSI
- ☐ ISO
- ☐ Other

Frequency Response (Hz)

Enter a number...

Sensitivity (dB/ μ Pa)

Enter a number...

Self-Test Pass/Fail

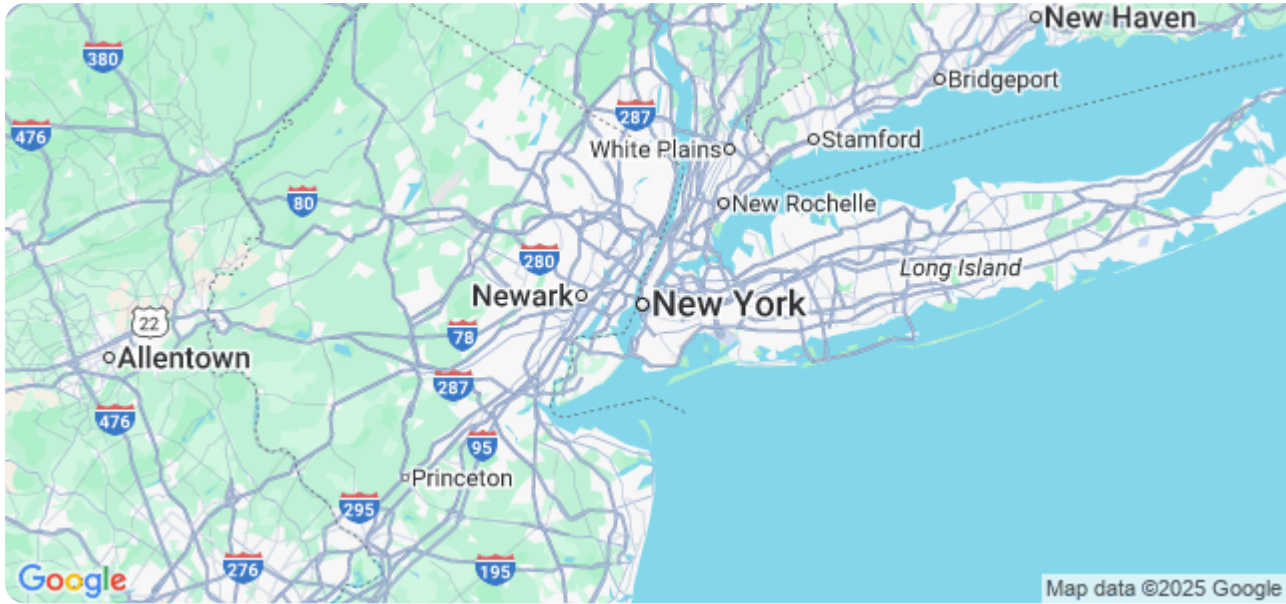
- ☐ Pass
- ☐ Fail

Measurement Locations

Confirming the chosen locations align with the monitoring plan and represent relevant noise sources.

GPS Coordinates of Measurement Point

 [Set My Current Location](#)



Distance from Noise Source (meters)

Enter a number...

Type of Location (e.g., near drill rig, haul road, blasting area)

- ☐ Near Drill Rig
- ☐ Haul Road
- ☐ Blasting Area
- ☐ Processing Plant
- ☐ Office/Administrative Area
- ☐ Other

Description of Surrounding Environment (e.g., open pit, underground, residential area nearby)

Write something...

Presence of Noise Barriers?

☐ Yes

☐ No

Ambient Noise Readings

Recording baseline noise levels before machinery operation.

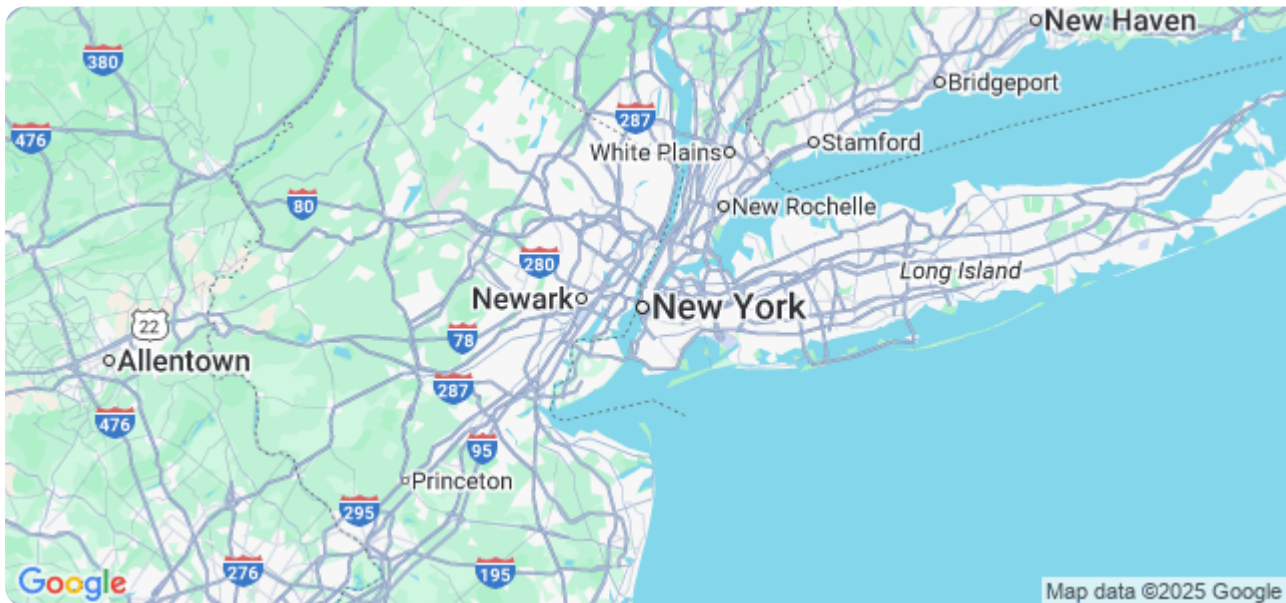
Start Time of Measurement

Sound Level (dBA)

Enter a number...

Measurement Location (GPS Coordinates)

[📍 Set My Current Location](#)



Weather Conditions (e.g., Wind Speed, Rain)

Write something...

Temperature (°C)

Enter a number...

Operational Noise Readings

Measuring noise levels during typical mining operations (e.g., drilling, blasting, hauling).

Sound Level (dBA) - Drill

Enter a number...

Sound Level (dBA) - Loader

Enter a number...

Sound Level (dBA) - Haul Truck

Enter a number...

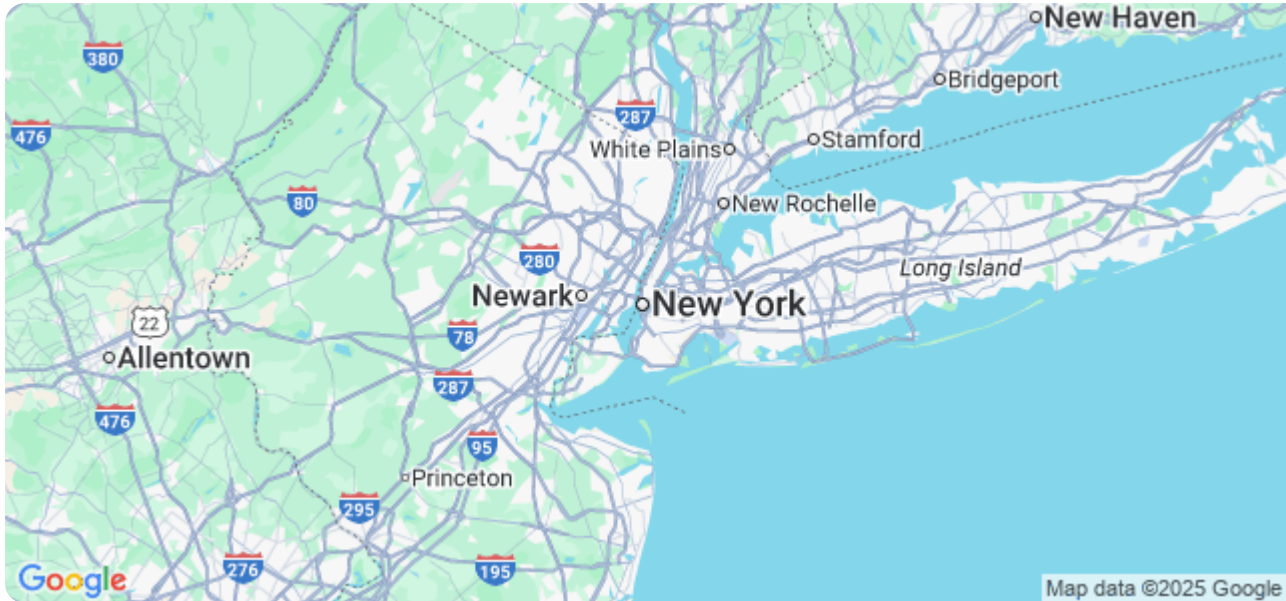
Sound Level (dBA) - Crusher

Enter a number...

Time of Reading

Specific Location of Measurement

 [Set My Current Location](#)



Operator Name

Write something...

Notes/Observations (e.g., unusual noise, equipment issues)

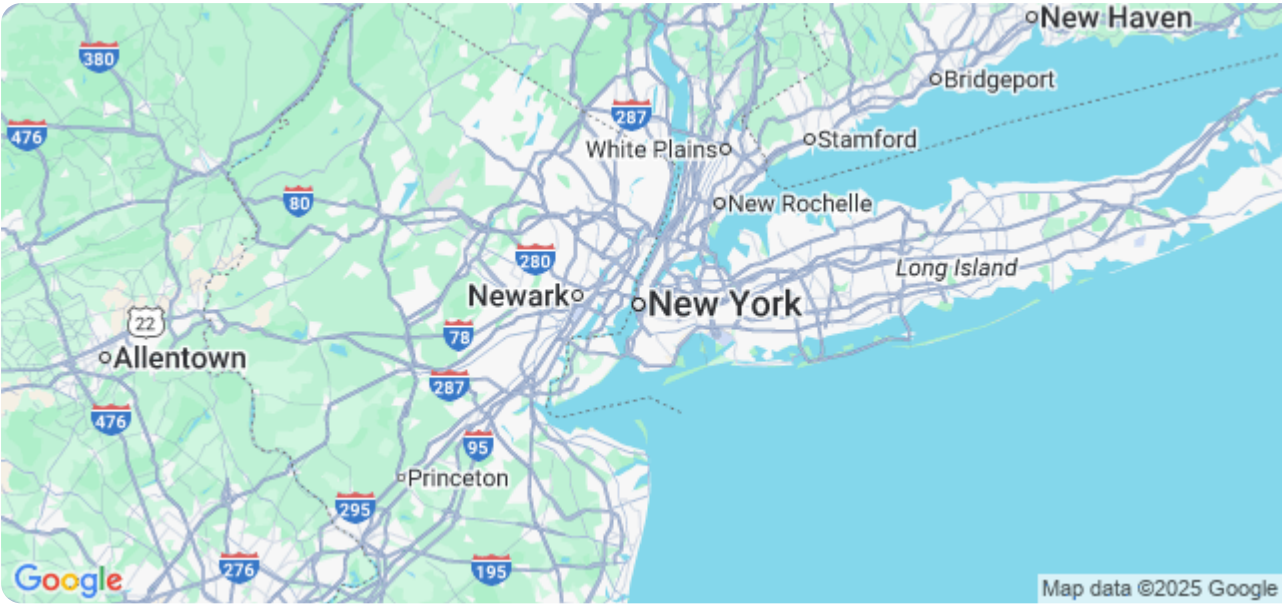
Write something...

Near-Field/Worker Exposure Measurements

Assessing noise levels at worker locations and distances to determine potential exposure.

Worker Exposure Measurement Location





Sound Level (dB(A)) - Leq

Sound Level (dB(A)) - Peak

Distance from Noise Source (meters)

Task Performed During Measurement

- ☐ Drilling
- ☐ Blasting
- ☐ Hauling
- ☐ Loading
- ☐ Maintenance
- ☐ Other

Worker Name/ID

Write something...

Measurement Time

Data Recording & Documentation

Properly recording measurements, date/time, location, operator, and any relevant notes.

Date of Monitoring

Enter date...

Start Time of Monitoring

Sound Level Meter Serial Number

Enter a number...

Monitoring Team Members

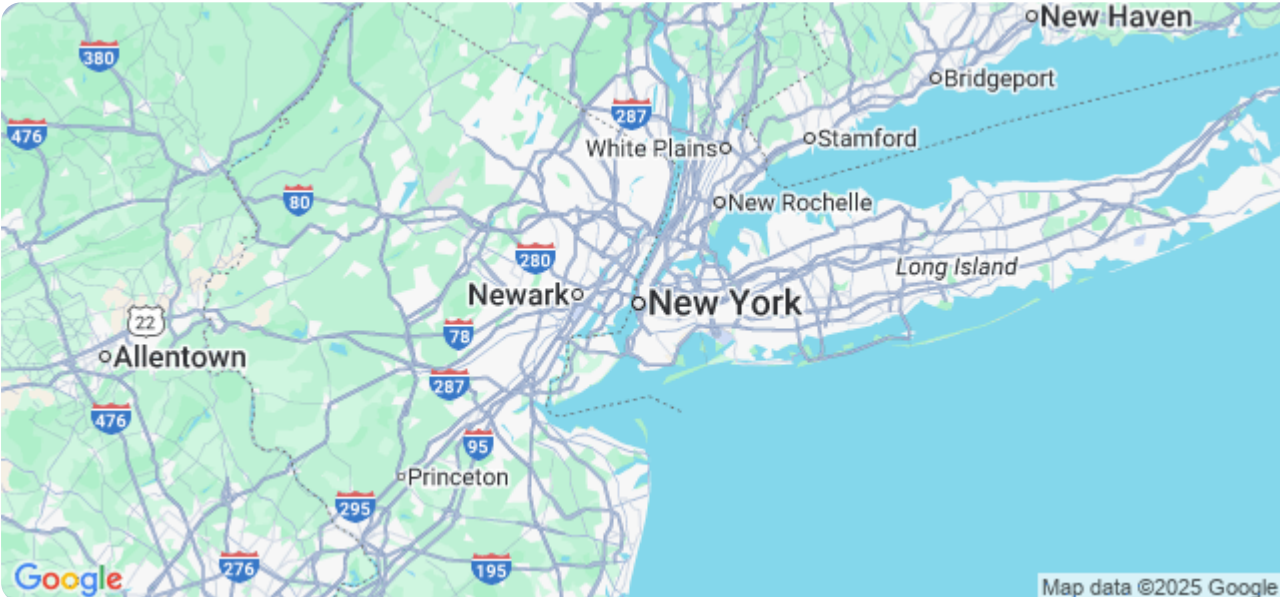
Write something...

Weather Conditions

Write something...

Specific Measurement Locations


[Set My Current Location](#)



Notes/Observations

Write something...

Equipment Shutdown & Storage

Safe shutdown and storage of monitoring equipment following completion of measurements.

Shutdown Date

Enter date...

Shutdown Time

Equipment Status Upon Shutdown

Write something...

Notes on Shutdown Procedure (if applicable)

Write something...

Storage Location

- ☐ Designated Equipment Storage
- ☐ On-Site Yard
- ☐ Off-Site Facility

Storage Temperature (°C)

Enter a number...

Signature of Person Completing Shutdown

Review & Analysis

Initial review of data to ensure accuracy and consistency; flagging any issues.

Maximum Noise Level Recorded (dB)

Enter a number...

Average Noise Level (dB)

Enter a number...

Noise Level Exceeds Regulatory Limits?

- ☐ Yes
- ☐ No
- ☐ Uncertain

Detailed Observations and Notes

Write something...

Date of Review

Enter date...

Time of Review

Reviewer Signature