

# Dust, Noise and Vibration Monitoring 粉塵, 噪聲, 減振監控

The BBJ Construction Management Team, Project Contractors and Environmental Specialists receive real-time alerts when Particulate Matter (PM), decibels (dBa), or velocity of vibration (ips) numbers approach an **Action Level**. 當空氣中的顆粒物 (PM)、噪聲強度分貝 (dBa) 或振動速度 (ips) 數值接近 **管理水準(Action Level)** 時，紐約市城區拘留所項目(簡稱BBJ) 施工管理團隊、項目承包商和環境專家將會收到實時警報。

The Action Level is set below the Permissible Exposure Levels (PEL.) When Action Levels are reached, the construction activities are assessed, and the contractor immediately acts to apply **steps to control dust and emissions** before the PEL is reached.

管理水準(Action Level) 一般低於規定的 有害物容許暴露標準 (PEL)。當數字達到 管理水準(Action Level)時，承包商立即行動，對施工活動進行評估，在未達到 有害物容許暴露標準 (PEL) 之前採取措施控制粉塵和排放。

The BBJ team will provide quarterly environmental monitoring updates at Community Board and Neighborhood Advisory Committee (NAC) meetings and post quarterly reports on the website <https://rikers.cityofnewyork.us/>.

紐約市城區拘留所項目(簡稱BBJ) 團隊將在社區委員會和鄰里諮詢委員會 (NAC) 會議上提供季度環境監測資訊更新，並在網站上發布季度報告 <https://rikers.cityofnewyork.us/>。



Vibration monitor installed in basement  
安裝在地下室的振動監測器



Air Quality monitor installed close to site fence  
安裝在工地圍欄附近的空氣質量監測儀



Sound level meter installed outside on sidewalk  
安裝在人行道的監測聲音級別儀器