

509 West 34th Street BCP Site C231094
Grid Approval Process for Excavation to Bedrock
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Grid the entire 509 West 34th Street Brownfield Site using a grid size that is conducive to a progressive DEC approval approach. Provide this gridded map to DEC.

As grids are excavated to bedrock or an acceptable end-point soil sample depth (southwest corner) and approved, the map will be updated showing the progression of the approved areas.

Excavation to bedrock, especially since mercury is present at the site, must be cleaned with very little soil remaining (see attached example photo 1 for clean excavation bottom on bedrock; clean bedrock is also demonstrated in the central portion of the second attached photo).

Excavation to bedrock with only an excavator is not acceptable (see attached example photo 3) since it can leave up to 6 inches (length of teeth on excavator) of soil on the bedrock surface. Hand work should be anticipated to adequately remove all the soil where bedrock is the excavation final grade.

NYSDEC approval of a remediated grid: Roux must give the Project Manager as much notice as possible when one or more grids are ready to be inspected as remediated. DEC will visit the site and visually inspect the grid(s) to determine if they are acceptable. Depending on timing of the contractor's site work and the availability of DEC, there might be the situation where the DEC Project Manager will accept Roux's document of the grid(s) in question based on photographs and an interim summary report.

A grid does not have to be physically cleaned before Roux notifies DEC for inspection. Coordinating with the DEC Project Manager, Roux can arrange for DEC to visit the site on a date when the grids are scheduled to be ready to inspect. Roux would be required to verify the grids are cleaned the day before the planned site visit and confirm/notify the DEC PM the day before. Because of the travel time and very early departure times for Central Office PMs traveling to Region 2, confirmation with the DEC PM the day before is mandatory.

Once a grid is approved as remediated, nothing but new construction material can be place in that area (i.e. no staging of on-site soil/debris).

In addition to the Daily Reports, the grid approval documentation will be summarized in the Monthly Progress Report and included in the Final Engineering Report.





