

Source Area Investigation of Soil and Groundwater Fact Sheet



Spring 2022

In late spring and into early summer, Lockheed Martin's contractor, AMEC, will perform an environmental investigation at 1111 Marcus Ave in Lake Success, NY under the direction of the New York State Department of Environmental Conservation (DEC). The work will occur in the location of the existing soil vapor extraction system, outside the southeast corner of the main building.

For background, in 1998 a soil cleanup excavated down to 30 feet around three former dry wells. Approximately 800 tons of contaminated soil were removed and disposed of off-site. The excavation was backfilled with certified clean sand. The 2022 investigation is a continuation of work conducted in 2020.

The objective of this follow-on investigation work is to develop a more detailed understanding of the depth of contaminated groundwater, develop a more comprehensive understanding of soil physical characteristics, and evaluate the remaining soil contamination above the water table. The remaining contamination under investigation is located between 30 and 180 feet below ground and since it is inaccessible, it poses no risk to human health.

Installation of six soil borings and two new groundwater monitoring wells is planned. Soil and groundwater samples taken from these will be analyzed offsite at a DEC-approved laboratory. Investigation findings will be used to determine if



improvements can be made to increase the existing soil vapor extraction system's efficiency and to treat the contaminated groundwater in this area of the property. These improvements may ultimately speed up the final cleanup of the soil vapor at the site.

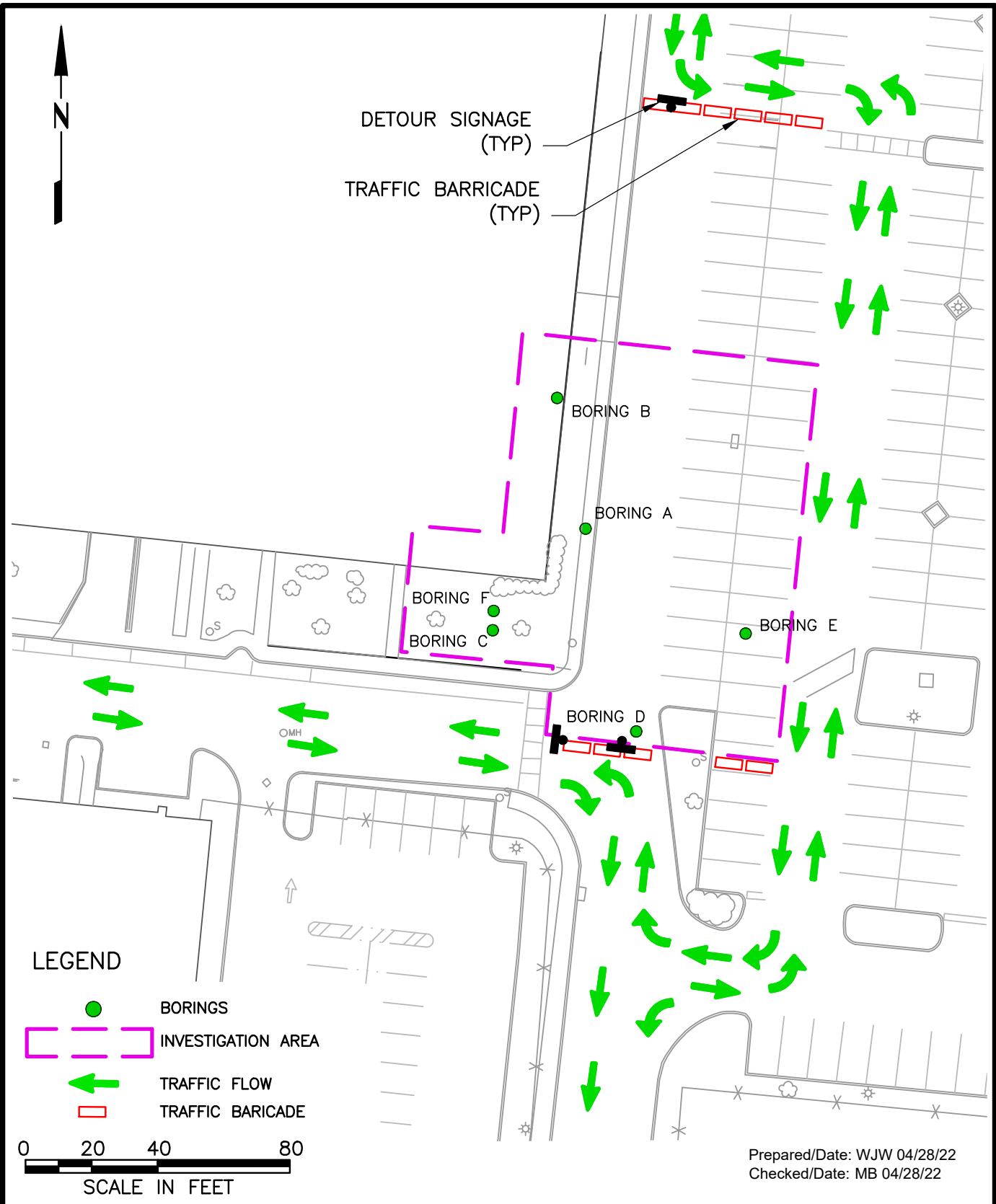
Temporary construction fencing will isolate the work area and protect workers, property tenants, and visitors. Air monitoring will be used during excavation activities to protect human health. The work will block off some parking spaces near the southeast corner of the main building and will require traffic to be re-routed as shown in the figure below. Drilling will be conducted during off hours.

For more information about site remediation activities, go to:

www.lockheedmartin.com/greatneck.

For questions, contact Lockheed Martin Communications at 800.449.4486.

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LEGEND

- BORINGS
- INVESTIGATION AREA
- ➔ TRAFFIC FLOW
- TRAFFIC BARRICADE

0 20 40 80
 SCALE IN FEET

Prepared/Date: WJW 04/28/22
 Checked/Date: MB 04/28/22

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 Lake Success, New York



Source Area Evaluation Investigation
 TRAFFIC CONTROL PLAN
 Project 3617-19-7462
 Figure 1