

August 12, 2026

Mr. Christopher Allan
New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, New York 11101-5407

Re: Letter Notification and Request for Operable Unit 6 Shallow Groundwater Monitoring Plan
Modification
Sunnyside Yard, Queens, New York
OOC Index #W2-0081-08-10

Dear Mr. Allan:

Geology, D.P.C. (Roux), has prepared this letter to notify the New York State Department of Environmental Conservation (NYSDEC) of required groundwater monitoring well reinstallation activities at Amtrak's Sunnyside Yard (Yard), and to request modification to the Operable Unit 6 (OU-6) Shallow Groundwater Monitoring Plan.

Roux completed a monitoring well inventory on April 30, 2026, to determine if any of the monitoring wells in the OU-6 Shallow Groundwater Monitoring Plan were destroyed or made inaccessible in any way as the results the Acela project construction and other operations at the Yard. During the inventory, monitoring wells TP-10, MW-38D, MW-48D, GE-MW-58-1, GE-MW-58-1D, MW-80, MW-82R, MW-83R, MW-87R, MW-89R, and MW-91 could not be located and are assumed to have been destroyed.

Six of these monitoring wells (GE-MW-58-1, GE-MW-58-1D, MW-82R, MW-83R, MW-87R, and MW-89R) were part of the OU-6 Shallow Groundwater Monitoring Plan (Monitoring Plan) dated May 20, 2021, and approved by NYSDEC on June 30, 2021. To address these wells that could not be located, Roux proposes the reinstallation of monitoring wells and modifications to the Monitoring Plan, as discussed below.

Groundwater Monitoring Well Reinstallation

To ensure that groundwater monitoring in OU-6 is not impacted due to monitoring wells that could not be located, Roux proposes to install replacement wells for MW-82R, MW-83R2, and MW-89R2 in the general location of the destroyed wells. The exact location of these replacement wells will be determined based on field conditions and accessibility within the Yard. The general locations of these monitoring wells are shown on Figure 1.

Replacement wells will be constructed to be consistent with the destroyed wells. The new wells will be screened to bridge the water table and will be constructed of 2-inch diameter, schedule 40 PVC with 10 feet of 0.010- slotted screen. Each monitoring well will be completed as follows: filter pack consisting of #2 Morie sand, installed from the base of the soil boring/monitoring well up to two to three feet above the top of the well screen; 1- to 2-foot thick layer of bentonite hole plug on top of the sand pack and hydrated with potable water; bentonite/grout slurry will be placed on top of the bentonite hole plug to

within approximately one foot of the ground surface; and the surface of the monitoring wells will be completed with a flush-mounted traffic-bearing well cover.

In accordance with the site-specific Excavation Work Plan (EWP) dated October 17, 2024, a community air monitoring program (CAMP) will be implemented during all monitoring well reinstallation activities.

One week following installation, each monitoring well will be developed by manual surging repeatedly with a PVC surge block along the entire length of the screen via 3- to 4-foot strokes continued for periods of 2 to 4 minutes to remove fines that may have accumulated within the well and filter pack during installation. In between periods of surging, a manual well development pump will be used to remove approximately 10 standing well volumes from the monitoring wells. Although turbidity will not be quantitatively measured in the field, a visual assessment of turbidity will be monitored and noted during well development.

All newly installed monitoring wells will be surveyed for horizontal coordinates, land surface elevation and measuring point elevations. All drill cuttings will be characterized and managed in accordance with the EWP and purge water will be containerized, prior to characterizing and disposing off-site at a permitted facility.

Monitoring Plan Modifications

Roux is requesting that monitoring well MW-87R be removed from the OU-6 Shallow Groundwater Monitoring Plan. Roux will instead incorporate monitoring well SISB-10 that was installed on September 19, 2025, as part of the Spill investigation Work Plan implementation in 2025 and is located in the same general location as the destroyed monitoring well MW-86 and northeast of MW-87R. MW-87R, MW-86, and SISB-10 were all screened to bridge the water table.

Monitoring wells GE-MW-58-1 and GE-MW-58-1D will not be reinstalled as there is not a suitable and viable alternative location nearby due to active tracks in that location.

Once the new wells are installed and developed, they will be gauged and sampled in accordance with the Monitoring Plan. It is anticipated that the collection of groundwater level elevation measurements and groundwater samples from the following monitoring wells:

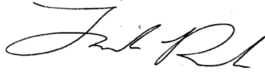
- SISB-10;
- MW-13SR;
- MW-27;
- MW-37;
- MW-79R;
- MW-82R;
- MW-83R2;
- MW-85R2
- MW-89R2;
- MW-92

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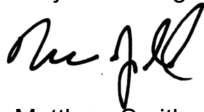
If you have any questions regarding this request, please do not hesitate to contact the undersigned.

Sincerely,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.



Jack Rusk
Project Geologist



Matthew Smith
Senior Scientist



Jeff Wills, P.G.
Senior Hydrogeologist

Attachments

cc: Michael Panhuise, Amtrak
Jordyn Perdon, Amtrak

