



Project Update:
Newburgh Village Retirement Community

November 21, 2024

Please refer to the June 14, July 19 and September 27 Project Update and Summary, posted at racertrust.org/Livonia, for background information that explains the purpose and mission of the Revitalizing Auto Communities Environmental Response (“RACER”) Trust, as well specific reasons for our work in Newburgh Village.

RACER, which was given environmental responsibilities associated with the former GM spring and bumper plant after the General Motors Corp. bankruptcy, has worked over many years with the U.S. Environmental Protection Agency (EPA) and the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to monitor, assess and address impacts from the property. As part of our routine monitoring activities, we noted that TCE, a common component of industrial solvents, had migrated in groundwater to near the Newburgh Village Retirement Community. Subsequent tests have indicated that TCE, which can volatilize, is not affecting indoor air in the community, and drinking water is unaffected.

To prevent the further migration of TCE impacted groundwater onto the Newburgh Village Retirement Community property, RACER has proposed to EPA to install a subterranean, passive barrier wall at the northern property boundary, between North Capitol Court and a wooded area that separates the community from the neighborhood along Grantland Street (see attached Figure). This barrier will be installed by small drill rigs and will be comprised of a mix of carbon and zero valent iron to capture and treat the TCE. Once the work is complete, there will be no above-ground infrastructure. The attached figure depicts some of the equipment we will use during the project.

We expect to begin by removing vegetation on or about December 16. The actual barrier remedy installation will begin on January 6, so residents are not disrupted too much during the holidays. Once the work starts, it will take about three weeks to complete. We are notifying residents of the schedule and attendant temporary parking and access restrictions. We will restore the vegetation, if requested.

Once the barrier remedy is in place, we will monitor its performance on a regular basis and report the results of our monitoring to the EPA and EGLE. We expect to the barrier to last about a decade; it may require reinstallation, based on groundwater data. We also will be monitoring storm sewers near the work site for evidence of potential impacts from the barrier wall amendments.

Please check our website, racertrust.org/Livonia, for information about our work in Newburgh Village. You may use the website to request emailed updates when new information is added.

RACER will take whatever U.S. EPA-approved action is necessary to ensure that any TCE impacts to soil gas vapor and groundwater are properly addressed. As always, we welcome your interest and will do our best to answer any questions you may have about our work. Please feel free to contact either of the RACER cleanup managers listed below.

Thank you.

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www.racertrust.org/Livonia



Pathfinder Injection System



Pathfinder Trailer and Support Equipment



ColloidChem Totes



Geoprobe Track-Mounted Drill Rig

PROPOSED REMEDIAL WORK AREA FOR
NEWBURGH VILLAGE RETIREMENT
COMMUNITY



RACER TRUST
LIVONIA ECKLES ROAD SITE
LIVONIA, MICHIGAN

Project No. 12573440
Date November 2024

EXAMPLE INJECTION
PROGRAM ACTIVITIES

FIGURE 1