



November 16, 2020

Reference No. 012607
Distributed via E mail

Ms. Jennifer Stanhope
U.S. Environmental Protection Agency, Region 5
Land and Chemicals Division, Remediation Branch
77 West Jackson Blvd., LR-16J
Chicago, Illinois 60604

Dear Ms. Stanhope:

**Re: Request to Install Monitoring Wells and Soil Gas Probe
Performance Based Administrative Order on Consent
Docket Number RCRA 05 2011 0025
13000 Eckles Road Site, Livonia, Michigan
USEPA ID No. MID 005 356 621**

This letter has been prepared to request approval to install additional monitoring wells and a soil gas probe related to the Former Fire Training Area at the Revitalizing Auto Communities Environmental Response Trust (RACER) property located at 13000 Eckles Road in Livonia, Michigan (Site). Proposed monitoring well and soil gas probe locations are presented on Figure 1.

Based on conversations with USEPA, three monitoring wells are proposed at the southwest corner of the Site at the location of former monitoring well, MW-103S, which was damaged/buried during construction/redevelopment activities. MW-103S was installed in 2000 with a screened interval set at 8 to 18 feet below ground surface (ft bgs) to straddle the water table. The three monitoring wells, MW-103S-R, MW-103I-R and MW-103D-R, will be installed to straddle the water table (approximately 8-13 ft bgs), the interval immediately below that (approximately 15-20 ft bgs), and a deeper interval on top of less permeable material (approximately 23-28 ft bgs), respectively. Final screen depths will be determined based on water levels identified in the field, lithology observed during well installation, and based on potential ground surface changes that occurred during redevelopment and/or road improvement/replacement activities.

Three monitoring wells are proposed on the south side of Amrhein Road across from the southwest corner of the Site on the corner of a residential property to replace a former monitoring well, MW-202S, which was damaged/buried during road improvement/construction activities. MW-202S was installed in 2001 with a screened interval set at 5 to 15 ft bgs to straddle the water table. The three monitoring wells, MW-202S-R, MW-202I-R and MW-202D-R, will be installed to straddle the water table (approximately 8-13 ft bgs), the interval immediately below that (approximately 15-20 ft bgs), and a deeper interval on top of the less permeable silty sand layer (approximately 22-27 ft bgs), respectively. Final screen depths will be determined based on water levels identified in the field, lithology observed during well installation, and based on potential ground surface changes that occurred during property grading and/or road improvement/replacement activities.



Two monitoring wells are also proposed to define the downgradient extents of impacted groundwater along the eastern property line at 37601 Grantland Avenue. Nearby wells were installed in 2017 with screened intervals approximately 4 to 9 feet bgs and 9 to 14 ft bgs. The two monitoring wells, MW-407S and MW-407D, will be installed to straddle the water table (approximately 5-10 ft bgs) and the interval below that (approximately 11-16 ft bgs), respectively. Final screen depths will be determined based on water levels identified in the field and based on lithology observed during well installation.

Additionally, one soil gas probe is proposed adjacent to monitoring wells MW-202S//D-R monitoring wells to replace SG-1, which was damaged/buried during road improvement/construction activities along Amrhein Road. The soil gas probe will be installed to a depth of approximately 8 ft bgs, with the screen set a minimum of 1.5 feet above the water table.

Please contact Grant Trigger, Jeff Crum, or me if you require additional information or if you would like to discuss further. Thank you.

Sincerely,

GHD

A handwritten signature in blue ink, appearing to read "Chris Meincke", with a stylized flourish at the end.

Christopher J. Meincke, P.E.

CJM/02/Det.

cc: Grant Trigger, RACER
Dave Favero, RACER
Jeff Crum, HMA

