

February 3, 2020

Mr. Dong Sin
8731 West North Avenue
Wauwatosa, WI 53226

Subject: Approval of Change Order #1, Additional Site Investigation Work Plan
Westwood Dry Cleaners Facility
8731 West North Avenue, Wauwatosa, WI 53226
WDNR BRRTS #: 02-41-552537, FID #: 241836100

Dear Mr. Sin:

On November 14, 2019, the Wisconsin Department of Natural Resources (Department) received the Responses to the 4th Quarterly Groundwater Monitoring Report dated November 13, 2019 and the Change Order #1, Additional Site Investigation Work Plan (SIWP) dated November 8, 2019, Westwood Dry Cleaners Facility, 8731 West North Avenue, Wauwatosa, WI 53236. The submittals were prepared on your behalf by Hydrodynamic Consultants, Inc. (HDC) your environmental consultants. After a careful review of the 4th Quarterly Report and Change Order #1, Additional SIWP, the Department is approving the Change Order #1, Additional SIWP activities outlined on pages 11 and 12. as follows:

- Contact the diggers hotline to request the public utility companies to mark all their utility lines at and around the property, including the property to the east and the surrounding public right of ways.
- Mobilize crews for drilling, sampling, and testing to the project site to conduct the field work.
- Complete 3 soil borings to a depth of 16 - 20 feet (each) below the ground surface. Each boring will be logged in accordance with the Unified Soil Classification System ("USCS") to document the subsurface strata, variation of soil color, compositions and visual evidence of dry cleaning solvent contamination.
- Retrieve soil samples from each of the above soil borings and collect soil samples at 2'-intervals for screening with a photo-ionization detector (PID) for VOC concentrations.
- Select 9 representative soil samples, three from each soil boring, for laboratory analysis of VOCs. Each soil sample will be collected in accordance with SW-846 Method 5035 using a purge-and-trap soil sampler. A bulk soil sample will also be packed into a 4-ounce glass jar for the determination of the sample's dry weight. All soil samples submitted will be analyzed for volatile organic compounds (VOCs) utilizing SW-846 Method 8260B.
- Convert 3 soil borings to 3 groundwater monitoring wells (MW-7, MW-8 and MW-9) to a depth of 15 feet or to a depth of at least five feet below the water table. Each well will be completed with 10'-long 1"-diameter PVC screen in the bottom and 5'- long case above installed inside 2"-diameter borings drilled with Geoprobe. The well annular space is to be packed with coarse silica sand from the bottom to about 1' above the screen section. Fine sand pack filter (about 2' thick) will be added above the coarse sand pack, and then the annular space will be sealed with bentonite to near the surface. The monitoring wells will be flush-mounted with steel manhole cemented at the ground surface. Upon completion, all wells will be developed.
- Perform 3 rounds of groundwater monitoring and sampling on a quarterly basis for a period of 9 months, with one additional quarter (4th quarter) as a contingency pending WDNR's review and approval. Each quarterly sampling will include collection and submittal of 11 representative

groundwater samples for laboratory analysis (9 samples from the 9 monitoring wells, 1 for duplicate, and 1 for trip blank). The groundwater samples will be collected using a PVC bailer dedicated to each well and immediately preserved in 4-ml glass vials containing HCl. The groundwater samples submitted will be analyzed for VOCs utilizing SW-846 Method 8260B. Proper well purging will be completed before the sampling.

- Complete 3 rounds of water table depth measurements from the monitoring wells and survey the ground surface to determine the groundwater table slope or flow directions.
- Install 2 additional soil vapor ports (SV3A and SV-6) in the designated locations.
- Perform 3 rounds of soil vapor monitoring and sampling on a quarterly basis for a period of 9 months with one additional quarter (4th quarter) as contingency pending the WDNR's review and approval. Each quarterly sampling will include collection and submission of 8 representative soil vapor samples (7 from all the soil vapor sampling ports and one duplicate from the source areas) inside the subject building and adjoining building to the east to determine if soil vapor intrusion is a risk concern at the site. 6-litre Summa canisters will be used for the soil vapor collection. RR-800, "Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin" procedures will be followed
- Prepare a Site Investigation Report. Remedial goals will be established and options for remedial actions will be evaluated in accordance with Wis. Adm. Code § NR 722.
- Provide quarterly groundwater and soil vapor sampling results to summarize the monitoring and sampling results

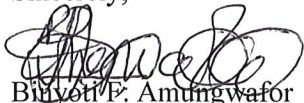
Cost approved for this Change Order #1, Additional SIWP is \$ 41,700 (forty-one thousand, seven hundred dollars). The total cost approved to date for this site is \$ 84,651.00 (eighty-four thousand, six hundred and fifty-one dollars).

Please be aware that you are required to comply with all applicable statutes and administrative rules including the Wis. Adm. Codes' series § NR 700, § NR 600, § NR 500, § NR 300, § NR 200 and § NR 100.

This approval does not guarantee the reimbursement of costs under the Dry Cleaner Environmental Response Program. Final determination Regarding the eligibility of costs for reimbursement will be made at the time of claim review.

If you have any questions or concerns regarding the content of this letter, please contact me at 414-263-8607 or e-mail me at Binyoti.Amungwafor@wisconsin.gov

Sincerely,



Binyoti P. Amungwafor

Hydrogeologist

Southeast Region, Milwaukee Service Center

cc: Mike Wan (Minghua), Maple Testing Services, Inc. D/B/A HDC, Inc., Lisle, Illinois 60532
Sandra Chancellor - CF/2, Madison
Case File #: 241836100