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28 September 2021

Submitted via email

Megan Kuczka
New York State Department of Environmental Conservation
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, NY 14203-2915

Subject: Subsurface Investigation and Vapor Intrusion Investigation Work Plan Addendum
Former Champion Products Facility
200 North Main Street
Perry, New York 14530
NYSDEC Site No. V00189

Dear Ms. Kuczka:

This Site Subsurface Investigation and Vapor Intrusion Investigation Work Plan Addendum (SSI and VII WPA) has been prepared by Antea®Group, Inc. (Antea Group) and AG Geology D.P.C. on behalf of Hanesbrands, Inc. (Hanesbrands), for the Former Champion Products facility located at 200 N. Main Street, located in Perry, New York (the Site) in association with the New York State Department of Environmental Conservation (NYSDEC) Voluntary Cleanup Agreement (VCA) V00189. On September 9, 2021, a Site Subsurface Investigation and Vapor Intrusion Investigation Work Plan (SSI and VII WP) was submitted to the New York State Department of Environmental Conservation (NYSDEC). The SSI and VII WP described proposed activities to investigate remaining contamination on Site. This SSI and VII WPA has been prepared following comments received from the NYSDEC on September 15, 2021.

All work summarized in the SSI and VII WP and this addendum will be conducted in accordance with the Site Management Plan and Excavation Work Plan submitted in March 2013.

SUB-SURFACE INVESTIGATION

This subsurface investigation will consist of the sampling of two soil borings and five monitoring well locations to resample locations that previously exceeded the NYS Soil Cleanup Objectives and Class GA groundwater quality standards.

The five groundwater samples will be collected from existing monitoring well locations, MW-101, MW-106, MW-107, CSW-01, and SCRW-05. Several other wells remain onsite however these five wells chosen based on their exceedance of the NYSDEC Class GA Quality standards during that last groundwater sampling event in 2008. Since the wells haven't been sampled since 2008 each of these monitoring wells will be developed using a submersible pump prior to sampling. The pump will be used to extract a minimum of five casing volumes of ground water to remove the majority of the soil and silt captured in the well screen during installation and diminish the turbidity of the groundwater. Following well development groundwater samples will be collected and analyzed for chloroethane, methylene chloride, chloroform, 1,1,1-trichloroethane, 1-1-dichloroethane, 1,2,4- trimethylbenzene, 1,2,3- trimethylbenzene, cis-1,2-Dichloroethane, n-butylbenzene, tetrachloroethane, and vinyl chloride following USEPA Method 8260C. The locations of the monitoring wells are shown on Figure 1.



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Ms. Mega Kuczka
NYSDEC
28 September 2021



All soil cuttings and purge water generated during sub-surface investigation activities will be drummed and labeled for disposal. The drums will be disposed of at an appropriate waste disposal facility within 90 days of the completion of the investigation. Waste manifest will be provided to the NYSDEC with the Investigation Summary Report following the completion of all field activities.

VAPOR INTRUSION INVESTIGATION

This work plan is consistent with New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York and NYSDEC DER-13 – Strategy for Evaluating Soil Vapor Intrusion at Remedial Sites in New York. Five sub-slab, five indoor, and one ambient air samples will be collected concurrently. The locations of the sub-slab, indoor, and ambient samples will be located as close to the original sample locations from 2007 though the proposed location for the outdoor air is susceptible to change based on the wind direction observed during the day of the investigation. All samples will be collected during the heating season with doors and windows to remain closed as much as possible.

Prior to sampling, a survey of the facility will be conducted. Potential sources of volatile organic compounds (VOCs) from within and around the facility will be documented prior to sampling. This initial site survey will be completed in accordance with Section 2.11, Final NYSDOH CEH BEEI Soil Vapor Intrusion Guidance. Additionally, the SSDS system will be shut off and capped for at least two weeks prior to sampling in order to investigate neutral conditions on Site.

All air samples will be collected in Summa canisters and analyzed for VOCs via TO-15. The following five compounds: trichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethene, carbon tetrachloride and vinyl chloride in indoor air samples will be analyzed via EPA Method TO-15, Select Ion to meet a laboratory reporting limit of 0.20 micrograms per cubic meter (mcg/m³) or less.

The completed Building Survey and Product Inventory with sub-slab soil vapor, indoor, and ambient air analytical data will be provided to the Department as soon as the data becomes available.

Sincerely,
Antea Group/ AG Geology D.P.C.,

A handwritten signature in black ink that reads "Katharine Angel".

Katharine Angel
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A handwritten signature in black ink that reads "Eric J. G. Wu".

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