



Department of Health

KATHY HOCHUL
Governor

MARY T. BASSETT, M.D., M.P.H.
Commissioner

KRISTIN M. PROUD
Acting Executive Deputy Commissioner

June 2, 2022

Payson Long, P.E.
Remedial Section D, Remedial Bureau E
Division of Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7017

Re: **Periodic Review Report #5**
30 January 2020 – 30 January 2022
Site #152140
National Heatset Printing Co.
Babylon, Suffolk County

Dear Payson Long:

I reviewed the March 2022 *Periodic Review Report (PRR) No. 5 (30 January 2020 to 30 January 2022)* for the National Heatset Printing Co. site located in Babylon Suffolk County. Following our 5/26/22 phone conversation and our May 2022 monthly site review, I have the following comments:

1. According to the PRR, our previous discussion and the May 2022 monthly site status meeting, the on and off-site Density Driven Convection (DDC) Systems have failed to work properly and have been shut down. The systems remain off due to high local water tables and operational issues. Since on-site groundwater concentrations remain elevated and contaminated groundwater continues moving off-site, I agree that alternatives to the DDC systems are needed to address both the on and off-site groundwater contamination. Also, according to the Report, a remedial system optimization (RSO) will be conducted to evaluate alternative technologies to more effectively remediate site-related groundwater contamination. The Department of Health should receive and review the RSO prior to its implementation.
2. In light of the elevated concentrations of site-related volatile organic compounds (VOCs) in groundwater at and leaving the site, additional vapor sampling should be conducted around the off-site homes to determine that indoor air is not being impacted by vapor intrusion.
3. According to Section 1.6.1 *Soil/Soil Vapor and Indoor Air* and Section 1.6.2 *Groundwater*, elevated concentrations of soil vapor were detected in the loading dock area of the site, where the highest concentrations of contamination in groundwater and soil vapor were detected. An active office area is also located in this portion of the site building near the loading dock area. A soil vapor intrusion evaluation should be conducted within the office to determine the potential for indoor air quality impacts.

If you have any questions concerning my comments, please contact me at (518) 402-7883.

Sincerely,

A handwritten signature in black ink that reads "Jacquelyn Nealon". The signature is written in a cursive style with a large initial 'J'.

Jacquelyn Nealon
Public Health Specialist 3
Bureau of Environmental Exposure Investigation

Cc: C. Bethoney / e-File
E. Wiegert – NYSDOH MARO
J. Hime/A. Rapiejko/A. Juchatz – SCDHS
R. Mustico / J. Dyber – NYSDEC Central Office
C. Engelhardt – NYSDEC Region 1