



8040 Excelsior Drive
Suite 303
Madison, WI 53717
P 608.327.5050 | F 608.531.2873

gannettfleming.com

February 14, 2022
File #34283.000

Mr. Glenn Lautenbach – SR-6J
Remedial Project Manager
Waste Management Division
USEPA Region V
77 West Jackson Boulevard
Chicago, Illinois 60604-3590
lautenbach.glenn@epa.gov

Re: NPI Monthly Progress Reports for January 2022
USEPA CERCLIS ID WID006196174
WDNR BRRTS 02-09-000267 and FID 609038320

Dear Glenn:

In accordance with the requirements of the Administrative Order for Remedial Action between National Presto Industries, Inc. (NPI) and the United States Environmental Protection Agency (USEPA), effective July 16, 1992, and the Unilateral Order between NPI, the USEPA, and National Defense Corporation, effective October 21, 1993, Progress Reports Nos. 355 and 304, respectively, for the NPI site in Eau Claire, Wisconsin, follow. Paper submittals are no longer required by either the USEPA or the Wisconsin Department of Natural Resources (WDNR), until further notice.

Please call if you have any questions or need additional information about either report.

Sincerely,

GANNETT FLEMING, INC.

A handwritten signature in black ink, appearing to be "C. Wright".

Clifford C. Wright, P.E., P.G.
Project Engineer

CCW/jec/Enc.

ecc: Candace Sykora (WDNR/Baldwin)
Derrick Paul (NPI)
Chelsea Payne (Gannett Fleming)

INTERIM REMEDIAL ACTION
ON-SITE GROUNDWATER
PROGRESS REPORT NO. 355
JANUARY 2022
NATIONAL PRESTO INDUSTRIES, INC. SITE
EAU CLAIRE, WISCONSIN

This report is prepared and submitted in accordance with the reporting requirements contained in the Administrative Order for Remedial Action between National Presto Industries, Inc. (NPI) and the United States Environmental Protection Agency (USEPA), effective July 16, 1992.

During January 2022, a total of approximately 3.7 million gallons of groundwater was pumped from Southwest Corner extraction well EW-6, treated by cascade aeration, and then discharged to the Chippewa River via the city storm sewer. Starting at 10:45 am CST on January 17, water was pumped continuously from EW-6 at an approximate average flow rate of 173 gallons per minute. Operation of EW-6 was resumed on January 17 because trichloroethylene (TCE) concentrations in key monitoring well MW-76A (located approximately 60 feet upgradient of EW-6) and EW-6 rebounded from <0.32 to 0.89 and 0.98 to 2.25 micrograms per liter, respectively, between August 29 and November 29, 2021.

The primary contributing factor for TCE rebound likely was the shutdown of EW-6 for a 12-month trial period on September 1, 2021, as approved by the USEPA and Wisconsin Department of Natural Resources (WDNR). Following the shutdown of EW-6, it appears local rising water levels may have “flushed out” residual TCE previously trapped in or just above the capillary fringe. Consequently, out of an abundance of caution, NPI:

- Had Midwest Well Drilling LLC of Cornell, Wisconsin:
 - Pull the pump from EW-6 and chemically treat the well on December 22.
 - Leave the treatment chemicals in the well/filter pack/formation for two to three weeks to improve performance, neutralize the muriatic acid used in the treatment process, and purge/redevelop the well during the week of January 10, 2022.
- Got EW-6 back online to provide hydraulic control and prevent the off-site migration of TCE and other volatile organic compounds on January 17.

Please see Gannett Fleming, Inc.'s June 2021 *Work Plan for a 12-Month Trial Shutdown of Extraction Well EW-6* for supplemental details, as you and I discussed over the phone on December 20. Southwest Corner extraction well EW-5 remained offline.

Extraction well EW-6 and the effluent from cascade aeration, when that groundwater pump-and-treat operation is active, are sampled quarterly. A discharge monitoring report (DMR) with analytical results for the fourth quarter of 2021 was submitted to the WDNR and USEPA on January 18, 2022. The next DMR with the first quarter analytical results for 2022 will be submitted in April 2022.

REMEDIAL DESIGN/REMEDIAL ACTION
MELBY ROAD DISPOSAL SITE SOIL VAPOR EXTRACTION SYSTEM
PROGRESS REPORT NO. 304
JANUARY 2022
NATIONAL PRESTO INDUSTRIES, INC. SITE
EAU CLAIRE, WISCONSIN

This progress report is prepared and submitted in accordance with the reporting requirements summarized in Section XI - Order, Paragraph 58 - Progress Reports of the Unilateral Order between National Presto Industries, Inc. (NPI), National Defense Corporation, and the United States Environmental Protection Agency (USEPA), effective October 21, 1993.

During January 2022, the soil vapor extraction (SVE) system at the Melby Road Disposal Site (MRDS) remained offline. On November 29, 2021, the SVE system was turned off for its seasonal shutdown period, as approved by both agencies.

In March 2022, the system will operate for about one week with one vacuum blower running in low-flow mode for quarterly sampling. NPI will notify the USEPA and Wisconsin Department of Natural Resources if vapor-phase trichloroethylene/1,1,1-trichloroethane concentrations rebound enough to trigger a contingency. Otherwise, starting in either late May or early June 2022, 6-month seasonal operation of the system will resume with one blower running in normal-flow mode. See Gannett Fleming, Inc.'s August 2020 *Updated Operation and Maintenance Plan for the MRDS Cap and SVE System* for supplemental details.