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January 10, 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 December 2021
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. 354 and 303, 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.

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

CCW/jec/Enc.

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

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INTERIM REMEDIAL ACTION
ON-SITE GROUNDWATER
PROGRESS REPORT NO. 354
DECEMBER 2021
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 December 2021, Southwest Corner extraction wells EW-5 and EW-6 remained offline. On September 1, 2021, the pump in EW-6 was turned off to start a 12-month trial shutdown, as approved by both agencies. During the week of November 29, fourth quarter groundwater monitoring was conducted. 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.

As during the first quarter of 2017, it appears 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 (MWD) of Cornell, Wisconsin, pull the pump from EW-6 and chemically treat the well on December 22.
- Plans to have:
 - MWD leave the treatment chemicals in the well/filter pack/formation for approximately two weeks to improve performance, neutralize the muriatic acid used in the treatment process, and purge/redevelop the well once weather permits.
 - EW-6 back online by January 14 to provide hydraulic control and prevent the off-site migration of TCE and other volatile organic compounds.

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.

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 third quarter of 2021 was submitted to the WDNR and USEPA on October 5, 2021. The next DMR with the fourth quarter analytical results for 2021 will be submitted in January 2022, unless the WDNR notifies NPI that the submittal is unnecessary.

REMEDIAL DESIGN/REMEDIAL ACTION
MELBY ROAD DISPOSAL SITE SOIL VAPOR EXTRACTION SYSTEM
PROGRESS REPORT NO. 303
DECEMBER 2021
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 December 2021, 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.