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April 4, 2024  
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](mailto:lautenbach.glenn@epa.gov)

Re: NPI Monthly Progress Reports for March 2024  
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. 381 and 330, 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 read "CCW".

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

CCW/Enc.

ecc: Erin Endsley (WDNR)  
Derrick Paul (NPI)  
Chelsea Payne (Gannett Fleming)

INTERIM REMEDIAL ACTION  
ON-SITE GROUNDWATER  
PROGRESS REPORT NO. 381  
MARCH 2024  
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 March 2024, Southwest Corner extraction wells EW-5 and EW-6 remained offline, except as summarized in the following paragraph. On February 23, 2023, the pump in EW-6 was turned off to start its 12-month trial shutdown, as approved by the USEPA and Wisconsin Department of Natural Resources (WDNR). See Gannett Fleming, Inc.'s January 2023 *Work Plan for a 12-Month Trial Shutdown of Extraction Well EW-6* for supplemental details. On February 21, 2024, the agencies agreed with NPI's proposal to extend the trial shutdown of EW-6 through the first quarter (i.e., March 2024).

The electric submersible pump in EW-6 was temporarily restarted at 9:40 am on March 27<sup>th</sup> and shut back down at 10:00 am on March 28<sup>th</sup> for first quarter monitoring, as verbally approved by the USEPA. Related operating and sampling information is summarized below.

- A total of approximately 262,800 gallons of groundwater was pumped from EW-6, treated by cascade aeration, and then discharged to the Chippewa River via the city storm sewer.
- Water was pumped continuously at an approximate average flow rate of 180 gallons per minute.
- Discharge samples were collected from:
  - EW-6 at 9:50 am and manhole MH-18 at 10:15 am on March 27<sup>th</sup>.
  - EW-6 at 9:55 am on March 28<sup>th</sup>.

Extraction well EW-6 and the effluent from cascade aeration are typically sampled quarterly when that groundwater pump-and-treat operation is active. A discharge monitoring report (DMR) for the fourth quarter of 2023 was submitted to the WDNR and USEPA on January 11, 2024. A DMR for the first quarter of 2024 will be submitted in April 2024.

REMEDIAL DESIGN/REMEDIAL ACTION  
MELBY ROAD DISPOSAL SITE SOIL VAPOR EXTRACTION SYSTEM  
PROGRESS REPORT NO. 330  
MARCH 2024  
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.

On November 30, 2023, the soil vapor extraction (SVE) system at the Melby Road Disposal Site (MRDS) was turned off for its seasonal shutdown period, as approved by both agencies. However, the SVE system operated for 123.6 hours between March 22 and 27, 2024, with one vacuum blower running in low-flow mode for quarterly sampling, as planned. To minimize condensate production during cold weather operation, a variable frequency drive unit was used to reduce the extraction flow rate of the system from 570 to <230 actual cubic feet per minute (acfm). Additional monitoring performed on March 27<sup>th</sup> included sampling of the SVE exhaust gas for laboratory analysis of trichloroethylene (TCE); 1,1,1-trichloroethane (TCA); tetrachloroethylene; and 1-1-dichloroethane.

NPI will notify the USEPA and Wisconsin Department of Natural Resources if vapor-phase TCE/1,1,1-TCA concentrations rebound enough to trigger a contingency. Otherwise, starting in either late May or early June 2024, 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. Copies of the March 2024 SVE exhaust gas laboratory analytical results are available upon request.