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July 13, 2023  
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 June 2023  
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. 372 and 321, 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. 372  
JUNE 2023  
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 June 2023, Southwest Corner extraction wells EW-5 and EW-6 remained offline. 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.

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 first quarter of 2023 was submitted to the WDNR and USEPA on April 18, 2023. A DMR for the second quarter of 2023 will be submitted in July 2023.

REMEDIAL DESIGN/REMEDIAL ACTION  
MELBY ROAD DISPOSAL SITE SOIL VAPOR EXTRACTION SYSTEM  
PROGRESS REPORT NO. 321  
JUNE 2023  
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 December 5, 2022, the SVE system was turned off for its sixth seasonal shut-down period, as approved by both agencies. However, the system operated for 151.1 hours from March 15 through 21, 2023, 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 (VFD) unit was used to reduce the extraction flow rate from 570 to <230 actual cubic feet per minute (acfm).

On June 12, 2023:

- Low-flow operation of the SVE system resumed at approximately 7:00 am.
- At approximately 11:45 am, the VFD was adjusted for normal-flow operation.

Data collected from June 12 through 31 show that the blower ran at average flow rates of 220 and 570 acfm, and manifold vacuums were <1 inch of water column (inch wc) and steady at 6-inch wc under low and normal flow conditions, respectively, when operating. Additional monitoring performed on June 12, just before the flow rate was increased from <230 to 570 acfm, included:

- Field screening the 12 vent wells (VW-1 through VW-12) and SVE exhaust gas with a flame-ionization detector for volatile organic compounds (VOCs) and methane.
- Sampling the SVE exhaust gas for laboratory analysis of trichloroethylene (TCE); 1,1,1-trichloroethane (TCA); tetrachloroethylene; and 1,1-dichloroethane.

As anticipated based on historical results, there was a measurable increase in overall VOC concentrations from December 2022 through June 2023. However, vapor-phase TCE and TCA concentrations in the exhaust gas sample remained more than two orders of magnitude below calculated thresholds corresponding to the federal maximum contaminant level and NR 140 enforcement standard for both VOCs in groundwater, as summarized in Gannett Fleming's August 2020 *Updated Operation and Maintenance Plan for the MRDS Cap and SVE System* report.

No issues related to the seasonal shutdown of the MRDS SVE system were observed. NPI will notify the USEPA and WDNR if vapor-phase TCE/TCA concentrations rebound enough to trigger a contingency. More detail will be provided in the 2023 annual report that will be submitted to both agencies by April 15, 2024. Copies of the June 2023 laboratory analytical results and field data sheets are available upon request.