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July 5, 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

Re: NPI Monthly Progress Reports for June 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. 384 and 333, 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/Enc.

ecc: Erin Endsley (WDNR)
Derrick Paul (NPI)
Tony Miller (Gannett Fleming)

GF File

INTERIM REMEDIAL ACTION
ON-SITE GROUNDWATER
PROGRESS REPORT NO. 384
JUNE 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 June 2024, 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* and subsequent email correspondence for supplemental details. On April 18, 2024, the agencies agreed with NPI's proposal to extend the trial shutdown of EW-6 through the second quarter (i.e., June 2024). A summary letter report on the trial shutdown of EW-6 is in preparation.

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 2024 was submitted to the WDNR and USEPA on April 16, 2024. A DMR for the second quarter of 2024 will be submitted in July 2024.

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REMEDIAL DESIGN/REMEDIAL ACTION
MELBY ROAD DISPOSAL SITE SOIL VAPOR EXTRACTION SYSTEM
PROGRESS REPORT NO. 333
JUNE 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 and reported previously. 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 3, 2024:

- Low-flow operation of the SVE system resumed at approximately 5:50 am.
- At approximately 11:00 am, the VFD was adjusted for normal-flow operation.

Data collected from June 3 through 31 show that the blower ran at average flow rates of 170 and 570 acfm, and manifold vacuums were <1 inch of water column (inch wc) and ranged from 6 to 7-inch wc under low and normal flow conditions, respectively, when operating. Additional monitoring performed on June 3, just before the flow rate was increased from 170 to 570 acfm, included 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 volatile organic compound (VOC) concentrations from November 2023 through June 2024. 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 Wisconsin Department of Natural Resources if vapor-phase TCE/1,1,1-TCA concentrations rebound enough to trigger a contingency. More detail will be provided in the 2024 annual report that will be submitted to both agencies by April 15, 2025. Copies of the June 2024 laboratory analytical results and field data sheets are available upon request.

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