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January 7, 2021

File #34283.000

Mr. Howard Caine – SR-6J
Remedial Project Manager
Waste Management Division
USEPA Region V
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Re: NPI Monthly Progress Reports for December 2020
USEPA CERCLIS ID WID006196174
WDNR BRRTS 02-09-000267 and FID 609038320

Dear Howard:

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. 342 and 291, 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: Candace Sykora (WDNR/Baldwin)
Derrick Paul (NPI)
Chelsea Payne (Gannett Fleming)

https://gfnet.sharepoint.com/sites/ECandR/Project Files/34283 National Presto/000/Proj Mgmt/Corres/prog rpt/Dec-2020/ccw_34281-213.docx

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INTERIM REMEDIAL ACTION
ON-SITE GROUNDWATER
PROGRESS REPORT NO. 342
DECEMBER 2020
NATIONAL PRESTO INDUSTRIES, INC. SITE
EAU CLAIRE, WISCONSIN

This progress 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 2020, a total of approximately 8.0 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. Water was pumped continuously from EW-6 all month at an approximate average flow rate of 179 gallons per minute. Southwest Corner extraction well EW-5 remained shut down.

Extraction well EW-6 and the effluent from cascade aeration are sampled quarterly. A discharge monitoring report (DMR) with analytical results for the third quarter of 2020 was submitted to the Wisconsin Department of Natural Resources (WDNR) and USEPA on October 12, 2020. The next DMR with the fourth quarter analytical results for 2020 will be submitted in January 2021.

REMEDIAL DESIGN/REMEDIAL ACTION
MELBY ROAD DISPOSAL SITE SOIL VAPOR EXTRACTION SYSTEM
PROGRESS REPORT NO. 291
DECEMBER 2020
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 1, 2020, the soil vapor extraction (SVE) system at the Melby Road Disposal Site operated continuously with one blower running. On December 2nd, the SVE system was turned off for its fifth seasonal 6-month shutdown period, as approved by the USEPA.

Data collected during the month prior to shutdown show that the SVE blower ran at an average flow rate of 570 actual cubic feet per minute (acfm) and the manifold vacuum was steady at 4 inches of water column. Additional monitoring performed on December 2nd while the system was operating in normal-flow mode 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.

Copies of the laboratory analytical results and field data sheets are available upon request.

In March 2021, the system will operate for about one week with one blower running at 150-240 acfm (i.e., in low-flow mode) for quarterly field screening and sampling. NPI will notify both agencies if vapor-phase TCE/TCA concentrations rebound enough to trigger a contingency. Starting in June 2021, six-month seasonal operation of the system will resume with one blower running at 570 acfm. See Gannett Fleming's August 2020 *Updated Operation and Maintenance Plan for the MRDS Cap and SVE System* report for additional details.