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FEDERAL EXPRESS

January 20, 2020

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 2019  
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, enclosed are two copies each of Progress Reports Nos. 330 and 279, respectively, prepared for the NPI site in Eau Claire, Wisconsin.

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/Eau Claire)  
Derrick Paul (NPI)  
Chelsea Payne (Gannett Fleming, Inc.)

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INTERIM REMEDIAL ACTION  
ON-SITE GROUNDWATER  
PROGRESS REPORT NO. 330  
DECEMBER 2019  
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 2019, a total of approximately 8.1 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 181 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 2019 was submitted to the WDNR and USEPA on October 10, 2019. The next DMR with the fourth quarter analytical results for 2019 will be submitted in January 2020.

REMEDIAL DESIGN/REMEDIAL ACTION  
MELBY ROAD DISPOSAL SITE SOIL VAPOR EXTRACTION SYSTEM  
PROGRESS REPORT NO. 279  
DECEMBER 2019  
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.

For the first three days of December 2019, the soil vapor extraction (SVE) system at the Melby Road Disposal Site operated continuously with one blower running. On December 4<sup>th</sup>, the SVE system was shut down for a fourth 6-month trial period, as approved by both agencies.

Data collected during the month prior to shutdown show that the SVE blower ran at an average flow rate of  $\leq 240$  actual cubic feet per minute (acfm) and the manifold vacuum  $< 1$  inch of water column. Additional monitoring performed on December 4<sup>th</sup> while the system was operating in low-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 2020, 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 2020, six-month seasonal operation of the system will resume with one blower running at 570 acfm. See our October 2019 *MRDS SVE System Third Trial Seasonal Shutdown Assessment Report* for additional details.