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FEDERAL EXPRESS

January 8, 2019

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 2018  
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. 318 and 267, 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: Mae Willkom (WDNR/Eau Claire)  
Mark Wichman (USACE)  
Derrick Paul (NPI)

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INTERIM REMEDIAL ACTION  
ON-SITE GROUNDWATER  
PROGRESS REPORT NO. 318  
DECEMBER 2018  
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 2018, a total of approximately 5.1 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. While operating, water was pumped continuously from EW-6 at an approximate average flow rate of 178 gallons per minute. EW-6 operated December 1-14 and 19-26. It was off line December 15-18 for well redevelopment and December 27, 2018 - January 3, 2019 for electrical repair. EW-6 resumed continuous operation on January 4, 2019. 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 2018 was submitted to the WDNR and USEPA on October 10, 2018. The next DMR with the fourth quarter analytical results for 2018 will be submitted to both agencies in January 2019.

REMEDIAL DESIGN/REMEDIAL ACTION  
MELBY ROAD DISPOSAL SITE SOIL VAPOR EXTRACTION SYSTEM  
PROGRESS REPORT NO. 267  
DECEMBER 2018  
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 13 days of December 2018, the soil vapor extraction (SVE) system at the Melby Road Disposal Site operated continuously with one blower running. On December 14<sup>th</sup>, the SVE system was shut down for a third 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 570 actual cubic feet per minute (acfm) and the manifold vacuum ranged from 3 to 4 inches of water column. Additional monitoring performed on December 11<sup>th</sup>, while the system was operating, 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 2019, the system will operate for about one week with one blower running at 150-220 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 2019, six-month seasonal operation of the system will resume with one blower running at 570 acfm. See our August 2018 *MRDS SVE System Second Trial Seasonal Shutdown Assessment Report* for additional details.