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FEDERAL EXPRESS
January 10, 2018
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 2017
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. 306 and 255, 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.

Electronic cc: Mae Willkom (WDNR/Eau Claire)
Mark Wichman (USACE)
Derrick Paul (NPI)

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INTERIM REMEDIAL ACTION
ON-SITE GROUNDWATER
PROGRESS REPORT NO. 306
DECEMBER 2017
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 2017, a total of approximately 8.3 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 185 gallons per minute. Southwest Corner extraction well EW-5 remained shut down.

Both extraction wells and the effluent from cascade aeration are sampled quarterly. A discharge monitoring report (DMR) with analytical results for the third quarter of 2017 was submitted to the WDNR and USEPA on October 18, 2017. The next DMR with the fourth quarter analytical results for 2017 will be submitted to both agencies in January 2018.

REMEDIAL DESIGN/REMEDIAL ACTION
MELBY ROAD DISPOSAL SITE SOIL VAPOR EXTRACTION SYSTEM
PROGRESS REPORT NO. 255
DECEMBER 2017
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 2017, the soil vapor extraction (SVE) system at the Melby Road Disposal Site operated continuously with one blower running.

- On December 4th, the blower was temporarily turned off for about 4 hours while electrical work related to outdoor lighting for the NPI/MRDS access road was completed.
- On December 14th, the SVE system was shut down for a second 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, while operating. Additional monitoring performed on December 14th, prior to shutdown, 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 2018, 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 2018, six-month seasonal operation of the system will resume with one blower running at 570 acfm. See our August 2017 *MRDS SVE System Trial Seasonal Shutdown Assessment Report* for additional details.