



**Gannett Fleming**

**Excellence Delivered *As Promised***

FEDERAL EXPRESS

April 11, 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 March 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. 297 and 246, 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)

L:\CLERICAL\projects\34200\34283\_NPI\progress rpts\L34281\_180.docx

**Gannett Fleming, Inc.**

8025 Excelsior Drive • Madison, WI 53717-1900

t: 608-836-1500 • f: 608-831-3337

[www.gannettfleming.com](http://www.gannettfleming.com)

INTERIM REMEDIAL ACTION  
ON-SITE GROUNDWATER  
PROGRESS REPORT NO. 309  
MARCH 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 March 2018, a total of approximately 7.1 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 nearly all month at an approximate average flow rate of 182 gallons per minute.

At 07:00 AM on March 28, EW-6 was shut down as a precaution during installation of a waterline to serve a building addition that's under construction. NPI plans to have EW-6 back online by April 17<sup>th</sup>, based on the contractor's current timetable. 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 fourth quarter of 2017 was submitted to the WDNR and USEPA on January 16, 2018. The next DMR with the first quarter analytical results for 2018 will be submitted in April 2018.

REMEDIAL DESIGN/REMEDIAL ACTION  
MELBY ROAD DISPOSAL SITE SOIL VAPOR EXTRACTION SYSTEM  
PROGRESS REPORT NO. 258  
MARCH 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.

On December 14, 2017, the soil vapor extraction (SVE) system at the Melby Road Disposal Site was shut down for a second 6-month trial period, as approved by both agencies. However, the SVE system operated for 198.5 hours between March 19 and 27, 2018, with one blower running for quarterly field screening and sampling. Data collected during this period show that the blower ran at an average flow rate of 200 actual cubic feet per minute (acfm) and the manifold vacuum was less than 1 inch of water column, when operating. To minimize condensate production during periods of cold weather operation, a variable frequency drive was installed in the fall of 2015 and used to reduce the extraction flow rate of a single vacuum blower from 570 to <230 acfm.

Additional monitoring performed on March 27<sup>th</sup> 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.

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