



Gannett Fleming

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April 13, 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 March 2021
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. 345 and 294, 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)

INTERIM REMEDIAL ACTION
ON-SITE GROUNDWATER
PROGRESS REPORT NO. 345
MARCH 2021
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 2021, a total of approximately 6.2 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 March 1-30 at an approximate average flow rate of 143 gallons per minute (gpm).

- On March 31, EW-6 was taken offline at 7:40 am for redevelopment using chemical treatment and a workover rig.
- On April 5, EW-6 resumed pumping at 12:50 pm.

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 2020 was submitted to the Wisconsin Department of Natural Resources (WDNR) and USEPA on January 12, 2021. The next DMR with the first quarter analytical results for 2021 will be submitted in April 2021.

Note that March's average flow rate of 143 gpm, when operating, is about 35 gpm below normal/full capacity for the electric submersible pump in EW-6. This is because NPI field staff pinched the well's flow back some on February 3, 2021, to keep >3 feet of water over the top of the pump and prevent overheating. Based on verbal communication, both agencies agreed to the lower than normal flow rate as a temporary measure. By April 15, 2021, NPI plans to have EW-6 back at full capacity.

REMEDIAL DESIGN/REMEDIAL ACTION
MELBY ROAD DISPOSAL SITE SOIL VAPOR EXTRACTION SYSTEM
PROGRESS REPORT NO. 294
MARCH 2021
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 2, 2020, the soil vapor extraction (SVE) system at the Melby Road Disposal Site (MRDS) was turned off for its fifth seasonal 6-month shutdown period, as approved by the USEPA. However, the SVE system operated for 145.4 hours between March 10 and 16, 2021, with one vacuum blower running in low-flow mode for quarterly sampling. To minimize condensate production during cold weather operation, a variable frequency drive unit was used to reduce the extraction flow rate from 570 to <230 actual cubic feet per minute (acfm).

Additional monitoring performed on March 16 included:

- Field screening the 12 vent wells (VW-1 through VW-12) and SVE exhaust gas with a portable flame-ionization detector for volatile organic compounds and methane.
- Sampling of 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 2021, 6-month seasonal operation of the system will resume with one blower running in normal-flow mode (i.e., 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. Copies of the March 2021 laboratory analytical results and operating data sheet are available upon request.