



Gannett Fleming

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FEDERAL EXPRESS (once offices reopen and normal routines resume)

April 10, 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 March 2020
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. 333 and 282, 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/Baldwin)
Derrick Paul (NPI)
Chelsea Payne (Gannett Fleming)

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INTERIM REMEDIAL ACTION
ON-SITE GROUNDWATER
PROGRESS REPORT NO. 333
MARCH 2020
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 2020, a total of approximately 5.9 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 March 1-2 and March 10-31. It was offline March 3-9 for well redevelopment. EW-6 resumed continuous operation on March 10, 2020. 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 (Q4) of 2019 was submitted to the WDNR and USEPA on January 27, 2020. The next DMR with the first quarter analytical results for 2020 will be submitted in April 2020.

Gannett Fleming, Inc. (GF) and NPI were scheduled to conduct Q1 monitoring the week of March 23, 2020. Field staff routinely includes Chelsea Payne from GF and Brett Seidlitz from NPI. However, due to the Covid-19 pandemic, Q1 monitoring activities were revised/rescheduled, as summarized below.

- 1) On March 24, Brett collected:
 - a) Discharge monitoring samples from extraction well EW-6 and manhole MH-18 for NPI volatile organic compound analysis.
 - b) Exhaust gas samples from the Melby Road Disposal Site (see attached report for details) and main building soil vapor extraction systems.
- 2) Chelsea is scheduled to conduct Q1 groundwater monitoring the week of April 27, 2020, when NPI plans to at least temporarily reopen to outside contractors.

REMEDIAL DESIGN/REMEDIAL ACTION
MELBY ROAD DISPOSAL SITE SOIL VAPOR EXTRACTION SYSTEM
PROGRESS REPORT NO. 282
MARCH 2020
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 4, 2019, the soil vapor extraction (SVE) system at the Melby Road Disposal Site (MRDS) was shut down for a fourth six-month trial period, as approved by both agencies. However, the SVE system operated for 96.5 hours between March 20 and 24, 2020, 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 24 included sampling of the SVE exhaust gas for laboratory analysis of trichloroethylene (TCE); 1,1,1-trichloroethane (TCA); tetrachloroethylene; and 1,1-dichloroethane. The 12 vent wells (VW-1 through VW-12) and SVE exhaust gas were not field screened with a flame-ionization detector (FID) for volatile organic compounds and methane because a rental FID was not readily available due to the Covid-19 pandemic.

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 in normal-flow mode (i.e., at 570 acfm). See our October 2019 *MRDS SVE System Third Trial Seasonal Shutdown Assessment Report* for additional details. Copies of the March 2020 laboratory analytical results and field data sheet are available upon request.