GANNETT FLEMING

8040 Excelsior Drive
Suite 303
Madison, WI 53717
P 608.327.5050 **F:** 608.531.2873

gannettfleming.com

October 18, 2023
File #34283.000

Candace Sykora
Wisconsin Department of Natural Resources
890 Spruce Street
Baldwin, WI 54002

Re: National Presto Industries, Inc., Superfund Site, Eau Claire, Wisconsin
Quarterly Discharge Monitoring Report for July through September 2023
USEPA CERCLIS ID WID 006196174
WDNR BRRTS 02-09-000267 and FID 609038320

Dear Candace:

On behalf of National Presto Industries, Inc. (NPI), Gannett Fleming, Inc. is providing NPI's quarterly discharge monitoring report (DMR) for the referenced period. The enclosed DMR provides flow and August 28, 2023, analytical data from Southwest Corner extraction well EW-6 and manhole MH-18 only. Groundwater was purged from EW-6 for just 20 hr and 20 min (i.e., 0.93 day) in the third quarter of 2023. Immediately prior to turning the pump back off at 9:00 am on August 29th, a second sample was collected from EW-6, and the trichloroethylene results were summarized in an email to the agencies on September 12, 2023. On February 23, 2023, EW-6 was taken offline to start a 12-month trial shutdown, as approved by the Wisconsin Department of Natural Resources (WDNR) and US Environmental Protection Agency (USEPA).

All groundwater pumped from EW-6 is treated by cascade aeration and discharged to the Chippewa River via the storm sewer and MH-18. Submittal of this quarterly DMR is required by the WDNR. Feel free to contact me if you have any questions or need additional information.

Sincerely,
GANNETT FLEMING, INC.

Clifford C. Wright, P.E., P.G.
Project Engineer

CCW/jec
Enc.

ecc: Glenn Lautenbach (USEPA)
Derrick Paul (NPI)
Chelsea Payne (Gannett Fleming)

GF File

GANNETT FLEMING

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

QUARTERLY DISCHARGE MONITORING RESULTS FOR 07/01/2023 - 09/30/2023

Sample Location	Substance Concentration (µg/ℓ), Result Qualifier (RQ), and Percent Removal (% Removal)															Flow Rate[1] (MGD)
	1,1,1-Trichloroethane			1,1-Dichloroethane			1,1-Dichloroethylene			Tetrachloroethylene			Trichloroethylene (TCE)			
	µg/ℓ	RQ	% Removal	µg/ℓ	RQ	% Removal	µg/ℓ	RQ	% Removal	µg/ℓ	RQ	% Removal	µg/ℓ	RQ	% Removal	
EW-1R[2]	ns		na	ns		na	ns		na	ns		na	ns		na	0.0
EW-2[2]	ns		na	ns		na	ns		na	ns		na	ns		na	0.0
Influent 1	ns		na	ns		na	ns		na	ns		na	ns		na	0.0
Effluent 1	ns		na	ns		na	ns		na	ns		na	ns		na	0.0
EW-5[3]	ns		na	ns		na	ns		na	ns		na	ns		na	0.0
EW-6[4]	3.3	A	na	1.8	A	na	0.58	UA	na	1.1	A	na	2.55	A	na	0.26
Influent 2	3.3	A	na	1.8	A	na	0.58	UA	na	1.1	A	na	2.55	A	na	0.26
Effluent 2	2.2		33	1.4		22	0.58	U	--	0.72	J	35	2.0		22	0.26
Manhole MH-18	2.2		na	1.4		na	0.58	U	na	0.72	J	na	2.0		na	0.26
Discharge Limit	NLE			NLE			50			50			100			NLE

NOTES:
Concentrations are in micrograms per liter (µg/ℓ) or parts per billion (ppb).
Samples collected from EW-6 and MH-18 on 08/29/23 and flow rate data compiled for 07/01/23-09/30/23.
Cascade aerator influent results (Influent 1 and Influent 2) were calculated based on the extraction well data (EW-1R ,etc.), where applicable.
Influent 1 = Discharge (flow) from extraction wells EW-1R and EW-2.
Influent 2 = Discharge (flow and flow-weighted concentrations) from EW-5 and EW-6.
Manhole MH-18 = Effluent 1 (+) Effluent 2 for flow. Effluent 2 = MH-18 for concentrations because MH-18 and CAS-2R are less than 60 feet apart.
A = Average of original sample and duplicate.
J = Estimated concentration below the laboratory quantification level.
U = Compound not detected at or above the detection limit, which is the value shown.
na = Not applicable. NLE = No limit established. ns = No sample collected for discharge monitoring.
-- = % Removal not calculated because at least one influent concentration was less than the limit of detection or no sample was collected.

FOOTNOTES:
(1) Flow rate in millions of gallons per day (MGD) calculated based on metered volume (241,200 gallons) and pumping days (0.93) during period shown.
(2) Melby Road Disposal Site extraction wells EW-1R and EW-2 are currently shut down, as approved by the WDNR and USEPA.
(3) Southwest Corner extraction well EW-5 is currently shut down, as approved by the WDNR and USEPA.
(4) Southwest Corner extraction well EW-6 was taken offline to start a 12-month trial shutdown on 02/23/23, as approved by the WDNR and USEPA.