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July 10, 2024
File #34283.000

Erin Endsley
Wisconsin Department of Natural Resources
1701 N 4th Street
Superior, WI 54880

Re: National Presto Industries, Inc., Superfund Site, Eau Claire, Wisconsin
Quarterly Discharge Monitoring Report for April through June 2024
USEPA CERCLIS ID WID 006196174
WDNR BRRS 02-09-000267 and FID 609038320

Dear Erin:

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 period flow and June 3, 2024, analytical data from Southwest Corner extraction well EW-6 and manhole MH-18 only. Groundwater was purged from EW-6 for 23 hr and 50 min (i.e., 0.99 day) in the second quarter of 2024. Approximately five minutes prior to turning the pump back off at 9:45 am on June 4th, a second sample was collected from EW-6, and the trichloroethylene results were summarized in an email to the agencies on June 24, 2024. On February 23, 2023, EW-6 was taken offline to start a 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. The Department is waiting to see if renewal of NPI's discharge permit is necessary based on the outcome of the EW-6 trial shutdown per prior conversations. Feel free to contact me if you have any questions or need additional information.

Sincerely,
GANNETT FLEMING, INC.

A handwritten signature in black ink, appearing to read "C. Wright".

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

CCW/Enc.

ecc: Glenn Lautenbach (USEPA)
Derrick Paul (NPI)
Tony Miller (Gannett Fleming)



NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

QUARTERLY DISCHARGE MONITORING RESULTS FOR 04/01/2024 - 06/30/2024

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⁾	7.4	A	na	3.2	A	na	0.58	UA	na	1.0	AJ	na	2.30	A	na	0.26
Influent 2	7.4	A	na	3.2	A	na	0.58	UA	na	1.0	AJ	na	2.30	A	na	0.26
Effluent 2	4.6		38	2.7		16	0.58	U	--	0.57	J	42	1.7		26	0.26
Manhole MH-18	4.6		na	2.7		na	0.58	U	na	0.57	J	na	1.7		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 06/03/24 and flow rate data compiled for 04/01/24-06/30/24.

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 (257,400 gallons) and pumping days (0.99) during the 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 trial shutdown on 02/23/23, as approved by the WDNR and USEPA.