



Gannett Fleming

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January 27, 2020

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 October through December 2019
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 analytical data from Southwest Corner extraction well EW-6 and manhole MH-18. The 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 Wisconsin Department of Natural Resources. 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: Howard Caine (USEPA)
Derrick Paul (NPI)
Chelsea Payne (Gannett Fleming)

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NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

QUARTERLY DISCHARGE MONITORING RESULTS FOR 10/01/2019 - 12/31/2019

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)			
	ug/L	RQ	% Removal	ug/L	RQ	% Removal	ug/L	RQ	% Removal	ug/L	RQ	% Removal	ug/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	0.99	JA	na	0.27	UA	na	0.24	UA	na	0.33	UA	na	0.61	JA	na	0.263
Influent 2	0.99	JA	na	0.27	UA	na	0.24	UA	na	0.33	UA	na	0.61	JA	na	0.263
Effluent 2	0.48	J	51	0.27	U	--	0.24	U	--	0.33	U	--	0.58	J	4.9	0.263
Manhole MH-18	0.48	J	na	0.27	U	na	0.24	U	na	0.33	U	na	0.58	J	na	0.263
Discharge Limit	NLE			NLE			50			50			100			NLE

NOTES:

Concentrations are in micrograms per liter (µg/ℓ) or parts per billion (ppb).

Samples were collected for this reporting period from EW-6 and MH-18 on 12/03/19; flow rate data compiled through 12/31/19.

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.

RQ = Result qualifiers.

A = Average of original sample and duplicate.

J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit (or flow-weighted value that includes J or U flagged data).

U = Parameter not detected at or above the indicated value, which is the detection limit for measured concentrations or a flow-weighted number for calculated levels.

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.

FOOTNOTES:

(1) Flow rate in millions of gallons per day (MGD) calculated based on metered volume (24,203,100 gallons) and pumping days (92).

(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.