



**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  
Annual Discharge Monitoring Report for 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 annual discharge monitoring report (DMR) for 2019. 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 annual 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

ANNUAL DISCHARGE MONITORING RESULTS FOR 2019

Substance/Parameter	Sample <sup>(1)</sup>				Discharge Limits		Result Qualifier(s)
	Frequency	Type	Results	Units	Daily Maximum	Weekly Average	
Cadmium (Cd), dissolved <sup>(2)</sup>	Annual	Grab	1.3	µg/L	240		U
		Calculated <sup>(3)</sup>	0.0028	lb/day		0.22	U
pH (field)	Annual	Grab	7.1	su	6 to 9		
Temperature (field)	Annual	Grab	54	°F			

NOTE:

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. The calculated mass discharge rate, which is based on the detection limit, is U flagged also.

FOOTNOTES:

- (1) Samples collected from manhole MH-18 on 8/19/19. Average flow rate in 2019 = 180 gallons per minute (gpm).
- (2) Sample was field filtered (along with the monitoring well samples) and analyzed for dissolved instead of total recoverable Cd. Historically, dissolved and total recoverable Cd concentrations have been comparable at this site, as summarized in Eder Associates' (nka Gannett Fleming, Inc.) July 1996 report on file with the WDNR.
- (3) Calculated mass discharge rate based on the estimated average flow and reported Cd concentration, as shown below.

$$\frac{180 \text{ gal}}{\text{min}} \times \frac{3.785 \text{ L}}{1 \text{ gal}} \times \frac{1,440 \text{ min}}{1 \text{ day}} \times \frac{1 \text{ lb}}{4.54 \times 10^8 \text{ } \mu\text{g}} \times \frac{1.3 \text{ } \mu\text{g}}{\text{L}} = 0.0028 \text{ lb/day dissolved Cd}$$