



**Gannett Fleming**

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January 16, 2018

File #34283.000

Mae Willkom

Wisconsin Department of Natural Resources

1300 W. Clairemont

Eau Claire, WI 54702

Re: National Presto Industries, Inc., Superfund Site, Eau Claire, Wisconsin

Annual Discharge Monitoring Report for 2017

USEPA CERCLIS ID WID 006196174

WDNR BRRTS 02-09-000267 and FID 609038320

Dear Mae:

On behalf of National Presto Industries, Inc. (NPI), Gannett Fleming, Inc. is providing NPI's annual discharge monitoring report (DMR) for 2017. The enclosed DMR provides flow and analytical data from Southwest Corner (SWC) 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.

Submission of this annual DMR is required by the Wisconsin Department of Natural Resources (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.

Electronic cc: Howard Caine (USEPA)

Mark Wichman (USACE)

Derrick Paul (NPI)

Dennis Kugle (Gannett Fleming)

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NATIONAL PRESTO INDUSTRIES, INC.  
EAU CLAIRE, WISCONSIN

ANNUAL DISCHARGE MONITORING RESULTS FOR 2017

Parameter	Sample <sup>(1)</sup>				Discharge Limits			Result Qualifier(s)
	Frequency	Type	Results	Units	Daily Max.	Weekly Avg.	Monthly Avg.	
Cadmium, total recoverable <sup>(2)</sup>	Annual	Grab	1.3	ug/L	240			U
		Calculated	0.0029	lb/day		0.22		U
Chromium, total recoverable	1 per 2 yrs	Grab	2.5	ug/L	19,000			U
		Calculated	0.0056	lb/day		10		U
Chromium, +6	1 per 2 yrs	Grab	5.1	ug/L	240			U
		Calculated	0.0113	lb/day				U
Copper, total recoverable	1 per 2 yrs	Grab	8.0	ug/L	160			J
Hardness, total as CaCO <sub>3</sub>	Annual	Grab	51.9	mg/L				
Lead, total recoverable	1 per 2 yrs	Grab	6.8	ug/L	1,300			J
		Calculated	0.0151	lb/day		1.3		J
Nickel, total recoverable	Annual	Grab	4.7	ug/L	11,000			J
		Calculated	0.0104	lb/day		13		J
Pentachlorophenol	1 per 2 yrs	Grab	1.4	ug/L	70			U
pH (field)	Annual	Grab	7.5	su	6 to 9			
Temperature (field)	Annual	Grab	54	°F				
Acenaphthene (PAH)	Annual	Grab	0.050	ug/L				
Acenaphthylene (PAH)	Annual	Grab	0.0047	ug/L				J
Anthracene (PAH)	Annual	Grab	0.013	ug/L				J
Benzo(a)anthracene (PAH)	Annual	Grab	0.0068	ug/L				U
Benzo(a)pyrene (PAH)	Annual	Grab	0.0095	ug/L				U
Benzo(b)fluoranthene (PAH)	Annual	Grab	0.0052	ug/L				U
Benzo(g,h,i)perylene (PAH)	Annual	Grab	0.0061	ug/L				U
Benzo(k)fluoranthene (PAH)	Annual	Grab	0.0068	ug/L				U
Chrysene (PAH)	Annual	Grab	0.012	ug/L				U
Dibenzo(a,h)anthracene (PAH)	Annual	Grab	0.0090	ug/L				U
Fluoranthene (PAH)	Annual	Grab	0.0096	ug/L				U
Fluorene (PAH)	Annual	Grab	0.022	ug/L				J
Indeno(1,2,3,c,d)pyrene (PAH)	Annual	Grab	0.016	ug/L				U
1-Methylnaphthalene (PAH)	Annual	Grab	0.096	ug/L				
2-Methylnaphthalene (PAH)	Annual	Grab	0.027	ug/L				
Naphthalene (PAH)	Annual	Grab	0.072	ug/L				J
Phenanthrene (PAH)	Annual	Grab	0.023	ug/L				J
Pyrene (PAH)	Annual	Grab	0.0069	ug/L				U
PAHs, total (summation)	Annual	Grab	0.3956	ug/L				JU
		Calculated	0.00088	lb/day			0.91	U
Zinc, total recoverable	Annual	Grab	55.5	ug/L	1,000			

**NOTES:**

J = Estimated concentration below laboratory quantification level. Calculated discharge limits based on estimated concentrations are J flagged, also.

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.

**FOOTNOTES:**

(1) Samples collected from MH-18 on 12/12/17 (dissolved cadmium) and 12/19/17 (all other parameters). Calculated mass discharge estimates based on the average flow of 185 gpm.

(2) The sample submitted for cadmium analysis was inadvertently filtered, and thus the results represent dissolved concentrations. The data are within the historical range.