



Gannett Fleming

Excellence Delivered *As Promised*

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
Quarterly Discharge Monitoring Report for October through December 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 quarterly discharge monitoring report (DMR) for the referenced period. 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 quarterly 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)

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

QUARTERLY DISCHARGE MONITORING RESULTS FOR 10/01/17-12/31/17

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 ^(3,4)	ns		na	ns		na	ns		na	ns		na	ns		na	0.0
EW-6 ⁽³⁾	1.3	A	na	0.24	UA	na	0.41	UA	na	0.50	UA	na	0.71	JA	na	0.266
Influent 2	1.3	A	na	0.24	UA	na	0.41	UA	na	0.50	UA	na	0.71	JA	na	0.266
Effluent 2	0.61	J	51	0.24	U	--	0.41	U	--	0.50	U	--	0.51	J	28	0.266
Manhole 18	0.61	J	na	0.24	U	na	0.41	U	na	0.50	U	na	0.51	J	na	0.266
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 12/13/17 and 12/12/17, respectively; flow rate data compiled through 12/31/17.

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 EW-1R and EW-2.

Influent 2 = Discharge (flow and flow-weighted concentrations) from EW-5 and EW-6.

Manhole 18 = Effluent 1 (+) Effluent 2 for flow. Effluent 2 = Manhole 18 (MH-18) for concentrations because MH-18 and CAS-2R are less than 60 ft 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 (24,480,875 gallons) and pumping days (92).

(2) Melby Road Disposal Site extraction well (currently shut down).

(3) Southwest Corner extraction well.

(4) Pump removed on 09/18/15 and not re-installed. Although ns for discharge monitoring, samples from the upper (H) & lower (L) portions of the saturated screened interval were collected for groundwater monitoring using HydraSleeves. On 12/13/17, TCE was 0.64J/0.36J ppb in H/L, respectively. All other VOCs were non-detect.