



Gannett Fleming

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January 16, 2019

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 2018

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 2018. 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.

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)

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 2018

| Substance/Parameter | Sample ⁽¹⁾ | | | | Discharge Limits | | Result Qualifier(s) |
|---------------------------------|-----------------------|---------------------------|---------|--------|------------------|----------------|---------------------|
| | Frequency | Type | Results | Units | Daily Maximum | Weekly Average | |
| Cadmium (Cd), total recoverable | Annual | Grab | 0.13 | µg/L | 240 | | J |
| | | Calculated ⁽²⁾ | 0.00028 | lb/day | | 0.22 | J |
| pH (field) | Annual | Grab | 7.1 | su | 6 to 9 | | |
| Temperature (field) | Annual | Grab | 55 | °F | | | |

NOTE:

J = Estimated concentration below laboratory quantification level. The calculated mass discharge rate, which is based on an estimated concentration, is J flagged also.

FOOTNOTES:

(1) Samples collected from manhole MH-18 on 8/14/18. Average flow rate in 2018 = 180 gallons per minute (gpm).

(2) Calculated mass discharge rate based on the estimated average flow and measured Cd concentration, as shown below.

$$\begin{array}{cccccc}
 180 \text{ gal} & 3.785 \text{ L} & 1,440 \text{ min} & 1 \text{ lb} & 0.13 \text{ } \mu\text{g} & \\
 \hline
 & & & & & = 0.00028 \text{ lb/day total recoverable Cd} \\
 \text{min} & 1 \text{ gal} & 1 \text{ day} & 4.54 \times 10^8 \text{ } \mu\text{g} & \text{L} &
 \end{array}$$