



Gannett Fleming

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September 19, 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
MH-18 Priority Pollutant Sample and Analytical Results Summary 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 the enclosed table summarizing manhole MH-18 priority pollutant sample and analytical data for 2018. Groundwater pumped from Southwest Corner extraction well EW-6 is treated by cascade aeration and discharged to the Chippewa River, via the storm sewer and MH-18.

Submittal of this summary table, once in 2018 and every five years thereafter, is required by the Wisconsin Department of Natural Resources (WDNR) until discharges of the pump-and-treat groundwater to the Chippewa River cease. Feel free to contact me if you have any questions.

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
EAU CLAIRE, WISCONSIN

MANHOLE MH-18 PRIORITY POLLUTANT SAMPLE AND ANALYTICAL RESULTS SUMMARY FOR 2018

Group Description and Analytical Method Analyte	Sample			Result (µg/ℓ)	Result Qualifier(s)
	Type ⁽¹⁾	Date			
CYNO GROUP by SM 4500-CN-E					
Cyanide, total	Grab	08/14/18		6.7	U
Cyanide, amenable	Grab	08/14/18		6.7	U
PCBs by EPA 608					
PCB-1016	Grab	08/14/18		0.24	U
PCB-1221	Grab	08/14/18		0.24	U
PCB-1232	Grab	08/14/18		0.24	U
PCB-1242	Grab	08/14/18		0.24	U
PCB-1248	Grab	08/14/18		0.24	U
PCB-1254	Grab	08/14/18		0.24	U
PCB-1260	Grab	08/14/18		0.24	U
PESTICIDES by EPA 608					
Aldrin	Grab	08/14/18		0.0071	U
<i>alpha</i> -BHC (a-hexachloro-cyclohexane)	Grab	08/14/18		0.0075	U
<i>beta</i> -BHC (b-hexachloro-cyclohexane)	Grab	08/14/18		0.043	
<i>delta</i> -BHC (d-hexachloro-cyclohexane)	Grab	08/14/18		0.011	U
<i>gamma</i> -BHC (g-hexachloro-cyclohexane, Lindane)	Grab	08/14/18		0.010	J
Chlordane	Grab	08/14/18		0.21	U
4,4'-DDD	Grab	08/14/18		0.013	U
4,4'-DDE	Grab	08/14/18		0.018	U
4,4'-DDT	Grab	08/14/18		0.014	U
Dieldrin	Grab	08/14/18		0.013	U
Endosulfan I (alpha)	Grab	08/14/18		0.0092	U
Endosulfan II (beta)	Grab	08/14/18		0.023	U
Endosulfan sulfate	Grab	08/14/18		0.014	U
Endrin	Grab	08/14/18		0.015	U
Endrin aldehyde	Grab	08/14/18		0.015	U
Heptachlor	Grab	08/14/18		0.0062	U
Heptachlor epoxide	Grab	08/14/18		0.012	U
Toxaphene	Grab	08/14/18		1.4	U
METALS by 200.8, TOTAL HARDNESS by 2340B, MERCURY by 245.1, & HEX CHROME by SM 3500-Cr-B					
Aluminum	Grab	08/14/18		59	U
Antimony	Grab	08/14/18		0.15	U
Arsenic	Grab	08/14/18		0.28	U
Beryllium	Grab	08/14/18		0.18	U
Cadmium	Grab	08/14/18		0.13	J
Chromium	Grab	08/14/18		2.6	J
Copper	Grab	08/14/18		2.5	J
Lead	Grab	08/14/18		0.20	U
Nickel	Grab	08/14/18		4.0	
Selenium	Grab	08/14/18		3.2	
Silver	Grab	08/14/18		0.10	U
Thallium	Grab	08/14/18		0.14	U
Hardness (total as CaCO ₃)	Grab	08/14/18		52.5 mg/ℓ	
Zinc	Grab	08/14/18		12	J
Mercury	Grab	08/14/18		0.13	U
Hexavalent chromium	Grab	08/14/18		5.1	U

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SEMI-VOLATILE (BASE/NEUTRAL) COMPOUNDS by EPA 625					
Acenaphthene	Grab	08/14/18		0.92	U
Acenaphthylene	Grab	08/14/18		0.96	U
Benzidine	Grab	08/14/18		27.0	U
4-Bromophenylphenyl ether	Grab	08/14/18		0.48	U
Butylbenzylphthalate	Grab	08/14/18		0.73	U
4-Chloro-3-methylphenol	Grab	08/14/18		1.4	U
bis(2-Chloroethoxy)methane	Grab	08/14/18		0.97	U
bis(2-Chloroethyl) ether	Grab	08/14/18		0.71	U
bis(2-Chloroisopropyl) ether	Grab	08/14/18		1.1	U
2-Chloronaphthalene	Grab	08/14/18		1.0	U
2-Chlorophenol	Grab	08/14/18		0.99	U
4-Chlorophenylphenyl ether	Grab	08/14/18		0.91	U
1,2-Dichlorobenzene	Grab	08/14/18		1.8	U
1,3-Dichlorobenzene	Grab	08/14/18		1.6	U
1,4-Dichlorobenzene	Grab	08/14/18		1.9	U
3,3'-Dichlorobenzidine	Grab	08/14/18		1.3	U
2,4-Dichlorophenol	Grab	08/14/18		1.1	U
Diethylphthalate	Grab	08/14/18		0.52	U
2,4-Dimethylphenol	Grab	08/14/18		0.90	U
Dimethylphthalate	Grab	08/14/18		0.70	U
Di-n-butylphthalate	Grab	08/14/18		0.91	U
4,6-Dinitro-2-methylphenol	Grab	08/14/18		0.60	U
2,4-Dinitrophenol	Grab	08/14/18		0.83	U
2,4-Dinitrotoluene	Grab	08/14/18		0.96	U
2,6-Dinitrotoluene	Grab	08/14/18		1.5	U
Di-n-octylphthalate	Grab	08/14/18		1.4	U
1,2-Diphenylhydrazine	Grab	08/14/18		1.2	U
bis(2-Ethylhexyl)phthalate	Grab	08/14/18		0.74	U
Hexachloro-1,3-butadiene	Grab	08/14/18		1.7	U
Hexachlorobenzene	Grab	08/14/18		0.55	U
Hexachlorocyclopentadiene	Grab	08/14/18		0.86	U
Hexachloroethane	Grab	08/14/18		1.4	U
Isophorone	Grab	08/14/18		0.99	U
Naphthalene	Grab	08/14/18		0.68	U
Nitrobenzene	Grab	08/14/18		0.99	U
2-Nitrophenol	Grab	08/14/18		0.82	U
4-Nitrophenol	Grab	08/14/18		0.57	U
N-Nitrosodimethylamine	Grab	08/14/18		1.1	U
N-Nitroso-di-n-propylamine	Grab	08/14/18		0.98	U
N-Nitrosodiphenylamine	Grab	08/14/18		2.1	U
Pentachlorophenol	Grab	08/14/18		0.72	U
Phenol	Grab	08/14/18		0.52	U
1,2,4,5-Tetrachlorobenzene	Grab	08/14/18		1.1	U
1,2,4-Trichlorobenzene	Grab	08/14/18		1.4	U
2,4,5-Trichlorophenol	Grab	08/14/18		0.73	U
2,4,6-Trichlorophenol	Grab	08/14/18		1.0	U
PAHs by EPA 625 SIM					
Anthracene	Grab	08/14/18		0.0036	U
Benzo(a)anthracene	Grab	08/14/18		0.0046	U
Benzo(a)pyrene	Grab	08/14/18		0.0040	U

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Benzo(b)fluoranthene	Grab	08/14/18		0.0048	U
Benzo(g,h,i)perylene	Grab	08/14/18		0.0032	U
Benzo(k)fluoranthene	Grab	08/14/18		0.0051	U
Chrysene	Grab	08/14/18		0.0038	U
Dibenzo(a,h)anthracene	Grab	08/14/18		0.0050	U
Fluoranthene	Grab	08/14/18		0.0085	U
Fluorene (86-73-7)	Grab	08/14/18		0.027	J
Indeno(1,2,3-cd)pyrene	Grab	08/14/18		0.0032	U
Phenanthrene	Grab	08/14/18		0.0078	J
Pyrene	Grab	08/14/18		0.0069	U
VOLATILE ORGANIC COMPOUNDS (VOCs) by EPA 624					
1,1,1-Trichloroethane	Grab	08/14/18		0.71	J
1,1,2,2-Tetrachloroethane	Grab	08/14/18		0.25	U
1,1,2-Trichloroethane	Grab	08/14/18		0.20	U
1,1-Dichloroethane	Grab	08/14/18		0.24	U
1,1-Dichloroethene	Grab	08/14/18		0.41	U
1,1-Dichloropropene	Grab	08/14/18		0.44	U
1,2-Dichloroethane	Grab	08/14/18		0.17	U
1,2-Dichloropropane	Grab	08/14/18		0.23	U
2,3-Dichloropropane	Grab	08/14/18		0.50	U
2-Chloroethylvinyl ether	Grab	08/14/18		1.9	U
Acrolein	Grab	08/14/18		10.0	U
Acrylonitrile	Grab	08/14/18		2.3	U
Benzene	Grab	08/14/18		0.50	U
Bromodichloromethane	Grab	08/14/18		0.50	U
Bromoform	Grab	08/14/18		0.50	U
Bromomethane	Grab	08/14/18		2.4	U
Carbon tetrachloride	Grab	08/14/18		0.50	U
Chlorobenzene	Grab	08/14/18		0.50	U
Chloroethane	Grab	08/14/18		0.37	U
Chloroform	Grab	08/14/18		2.5	U
Chloromethane	Grab	08/14/18		0.50	U
Dibromochloromethane	Grab	08/14/18		0.50	U
Ethylbenzene	Grab	08/14/18		0.50	U
Methylene chloride	Grab	08/14/18		0.23	U
Tetrachloroethene	Grab	08/14/18		0.50	U
Toluene	Grab	08/14/18		0.50	U
Trichloroethene	Grab	08/14/18		0.57	J
Vinyl chloride	Grab	08/14/18		0.18	U
cis-1,2-Dichloroethene	Grab	08/14/18		0.26	U
cis-1,3-Dichloropropene	Grab	08/14/18		0.50	U
trans-1,2-Dichloroethene	Grab	08/14/18		0.26	U
trans-1,3-Dichloropropene	Grab	08/14/18		0.23	U

NOTES:

Results are in micrograms per liter (µg/ℓ) except Hardness is in milligrams per liter (mg/ℓ) as shown.

J = Estimated concentration below laboratory quantification level.

U = Parameter not detected at or above the indicated value, which is the detection limit.

FOOTNOTE:

(1) Grab samples were collected as approved by the Wisconsin Department of Natural Resources.