REGION 5
CHICAGO, IL 60604

March 4, 2025

Mark and Lorraine Shaw
200516 Eckes Road (formerly S2551 Eckes Road)
Marshfield, WI 54449

Subject: Water Sample Results – Fall 2024
Marathon County, DNR Point ID 802, License #4077
Spickler Landfill Site

Dear Mr. and Ms. Shaw:

As part of the groundwater monitoring plan for the Spickler Landfill, a water sample was collected from your well on September 27, 2024. The results looked very good, and no parameters were observed that exceeded a Wisconsin standard. A full summary of your results for September 2024 is attached.

The U.S. Environmental Protection Agency (EPA) and the Wisconsin Department of Natural Resources (WDNR) recommend that monitoring of your well continue to ensure that the landfill does not negatively impact your drinking water.

Please don't hesitate to reach out to me if you have any questions about work at the landfill or your water well results. I can be reached at (312) 353-6713 or by email at green.nilia@epa.gov.

Sincerely,

Nilia Moberly Green
Digitally signed by NILIA GREEN
Date: 2025.03.04 10:34:08 -06'00'

Nilia Moberly Green
Remedial Project Manager

Attachment: September 2024 Well Sampling Results for 200516 Eckes Road

cc: Matthew Vitale, WDNR (via email only – matthew.vitale@wisconsin.gov)
Alison Levinson, WSP USA, Inc. (via email only – alison.levinson@wsp.com)
Amy Gahala, EPA (via email only – gahala.amy@epa.gov)
Greg Gehrig, USEPA (via email only – gehrig.greg@epa.gov)

SPICKLER LANDFILL SITE
WELL SAMPLING RESULTS – APRIL 2024
200516 ECKES ROAD, SPENCER, WISCONSIN

Parameter	WDNR Enforcement Standard (µg/L)[1]	Well Result (µg/L)
Arsenic	10	Not Detected (ND)[2] (<[3] 1.0 µg/L)
Barium	2,000	9.1 µg/L
Iron	300[4]	106 J[5] µg/L
Lead	15	1.0 µg/L
Manganese	300	5.0 µg/L
1,4-dioxane	3	ND (<0.3 µg/L)
Benzene	5	ND (<1.0 µg/L)
Chloroethane	400	ND (<5.0 µg/L)
1,4-dichlorobenzene	75	ND (<1.0 µg/L)
1,1-dichloroethane	850	ND (<1.0 µg/L)
1,2-dichloroethane	5	ND (<1.0 µg/L)
Cis-1,2-dichloroethene	70	ND (<1.0 µg/L)
Methylene chloride	5	ND (<5.0 µg/L)
Tetrachloroethene (PCE)	5	ND (<1.0 µg/L)
Trichloroethene (TCE)	5	ND (<1.0 µg/L)
Vinyl chloride (low level)	0.2	ND (<0.10 µg/L)

[1] Compounds are reported in "µg/L", which is micrograms per liter. This is equivalent to a measurement of one part per billion.

[2] "ND" means the parameter was not detected based on the laboratory limit of quantitation (LOQ) . The LOQ is the number in parentheses.

[3] "<" means that the result is less than the value shown. For example, the benzene test result is less than 1.0 µg/L.

[4] The Enforcement Standard for iron is set for aesthetic reasons and is not a Public Health Standard.

[5] "J" indicates an estimated result detected below the LOQ.

Per- and Polyfluoroalkyl Substances (PFAS)	EPA Maximum Contaminant Level (MCL)[6] - (ng/L)[7]	EPA Tapwater Regional Screening Level (RSL)[8] - (ng/L)	Well Result (ng/L)
Hexafluoropropylene oxide-dimer acid (HFPO-DA)	10 M[9]	1.5	Not Detected (ND[10]) (<2.1 ng/L[11])
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	No Standard (NS)[12]	No Guidance (NG)[13]	ND (<2.1 ng/L)
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	NG	ND (<2.1 ng/L)
Perfluorobutanesulfonic acid (PFBS)	2,000 M	600	ND (<1.9 ng/L)
Perfluorodecanoic acid (PFDA)	NS	0.004	ND (<2.1 ng/L)
Perfluorododecanoic acid (PFDoA)	NS	100	ND (<2.1 ng/L)
Perfluoroheptanoic acid (PFHpA)	NS	NG	ND (<2.1 ng/L)
Perfluorohexanesulfonic acid (PFHxS)	10 M	39	ND (<1.9 ng/L)
Perfluorohexanoic acid (PFHxA)	NS	990	ND (<2.1 ng/L)
Perfluorononanoic acid (PFNA)	10 M	5.9	ND (<2.1 ng/L)
Perfluorooctanesulfonic acid (PFOS)	4	0.2	ND (<2.0 ng/L)
Perfluorooctanoic acid (PFOA)	4	0.0027	ND (<2.1 ng/L)
Perfluorotetradecanoic acid (PFTetDA)	NS	2,000	ND (<2.1 ng/L)
Perfluorotridecanoic acid (PFTrDA)	NS	NG	ND (<2.1 ng/L)
Perfluoroundecanoic acid (PFUnA)	NS	600	ND (<2.1 ng/L)
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	NS	NG	ND (<2.0 ng/L)
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	NS	NG	ND (<2.0 ng/L)
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	NS	NG	ND (<2.0 ng/L)

[6] EPA Maximum Contaminant Level (MCL) under the Safe Drinking Water Act (SDWA), June 25, 2024. MCLs are the maximum level of a contaminant allowed in drinking water which is delivered to users of a public water system.
[7] Results for PFAS are reported in "nanograms per liter" which is notated as "ng/L". This is equivalent to a measurement of one part per trillion.
[8] EPA Regional Screening Level (RSL) for Tapwater (EPA Summary Table TR=1E-06, HQ=0.1; November 2024). Note that the table values were converted from micrograms per liter (µg/L) to ng/L. RSLs are used to determine if further investigations/evaluations of a potential remedial action are appropriate. The guidance, which is updated semiannually (e.g., usually May and November), is not enforceable.
[9] M means this chemical is subject to the PFAS Mixture Hazard Index MCL. A Mixture Hazard Index MCL defines when the combined levels of two or more of these four PFAS requires action in a public water supply.
[10] ND means the parameter was not detected based on the laboratory limit of quantitation (LOQ).The LOQ is the number in parentheses.
[11] "<" means that the parameter was not detected at or above the value shown. For example, the HFPO-DA test result is less than 2.1 ng/L.
[12] NS means no MCL standard is currently available for the specific chemical.
[13] NG means no guidance is currently available for the specific chemical and no health-based standards have been established.