

**From:** Hedman, Curtis J - DHS  
**Sent:** Tuesday, August 25, 2020 1:21 PM  
**To:** Beggs, Tauren R - DNR  
**Subject:** RE: DHS Response to Manitowoc City / Town of Newton Gravel Pit PFAS Results

Good Afternoon Tauren,

Thanks for sharing results from the recent PFAS in well water analysis for the Town of Newton Gravel Pit site work. Although combined PFOS and PFOA results were above the Cycle 10 DHS proposed groundwater standard PAL for these compounds in some samples, all results were below the proposed groundwater ES of 20 ng/L for PFOS/PFOA combined. The proposed PFOS/PFOA combined standard is protective of the most sensitive populations, so these detections do not require any public health interventions such as alternative drinking water source or water treatment efforts at this time. Continued periodic monitoring may be considered to ensure PFAS levels do not rise over time in this area.

Results for the additional PFAS compounds detected will be compared to additional Cycle 11 DHS proposed groundwater standard levels as they become available. Our office is happy to assist in any community outreach and education related to these results, and it is good to see that my contact information has been shared on the results letters so citizens can reach out to me with any human health concerns about their results in the meantime.

Best regards,

Curtis

Curtis Hedman, Ph.D.  
Toxicologist  
Bureau of Environmental and Occupational Health  
Division of Public Health, Wisconsin Department of Health Services  
1 W Wilson St, Rm 150  
Madison, WI 53701

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**From:** Beggs, Tauren R - DNR <[Tauren.Beggs@wisconsin.gov](mailto:Tauren.Beggs@wisconsin.gov)>  
**Sent:** Tuesday, August 25, 2020 8:36 AM  
**To:** Hedman, Curtis J - DHS <[Curtis.Hedman@dhs.wisconsin.gov](mailto:Curtis.Hedman@dhs.wisconsin.gov)>  
**Subject:** RE: DHS Response to Manitowoc City / Town of Newton Gravel Pit PFAS Results

Thanks

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**Tauren R. Beggs**

Phone: (920) 510-3472

[Tauren.Beggs@wisconsin.gov](mailto:Tauren.Beggs@wisconsin.gov) (preferred contact method during work at home)

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**From:** Hedman, Curtis J - DHS <[Curtis.Hedman@dhs.wisconsin.gov](mailto:Curtis.Hedman@dhs.wisconsin.gov)>

**Sent:** Tuesday, August 25, 2020 8:29 AM

**To:** Beggs, Tauren R - DNR <[Tauren.Beggs@wisconsin.gov](mailto:Tauren.Beggs@wisconsin.gov)>

**Subject:** RE: DHS Response to Manitowoc City / Town of Newton Gravel Pit PFAS Results

Hi Tauren,

Thanks for the message. I'll have a DHS response message out to you by mid-day today.

Best,

Curtis

Curtis Hedman, Ph.D.  
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**From:** Beggs, Tauren R - DNR  
**Sent:** Friday, August 14, 2020 12:09 PM  
**To:** Hedman, Curtis J - DHS  
**Cc:** Nobile, Trevor W - DNR; Chronert, Roxanne N - DNR  
(Roxanne.Chronert@wisconsin.gov)  
**Subject:** FW: June 2020 Potable Well Testing Letters  
**Attachments:** 202008121749.pdf; 202008121748.pdf;  
drinkingwaterhealthadvisories\_pfoa\_pfos\_updated\_5.31.16.pdf

Hi Curtis,

The City of Manitowoc sent out their private well results notification letters to the residents for the round of sampling completed for VOCs and/or PFAS (attached). For PFAS, primarily only PFOA, PFOS, and PFOSA were detected. Combined PFOA + PFOS concentrations range from no detection to 12.9 ng/L. The well at 3533 CTH CR with the 12.9 ng/L (PFOA + PFOS) and also 12.3 ng/L PFOSA also had detections of PFBA at 2.74 ng/L and PFHxS at 1.79 ng/L. This is the only private well that had other PFAS detections besides PFOA, PFOS, and PFOSA. 6 of 15 private wells sampled for PFAS were above the proposed PAL of 2 ng/L; 7 with detects below 2 ng/L; 2 with no PFAS detections. As discussed on the phone please provide a recommendation to the DNR the applicable response(s) needed based on these results. Also as discussed, I am forwarding you the letters that Clara sent to DNR for another site under a separate email.

Thanks,

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**Tauren R. Beggs**

Phone: (920) 510-3472

[Tauren.Beggs@wisconsin.gov](mailto:Tauren.Beggs@wisconsin.gov) (preferred contact method during work at home)

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**From:** Karen Dorow <[kdorow@manitowoc.org](mailto:kdorow@manitowoc.org)>  
**Sent:** Wednesday, August 12, 2020 6:13 PM  
**To:** Beggs, Tauren R - DNR <[Tauren.Beggs@wisconsin.gov](mailto:Tauren.Beggs@wisconsin.gov)>  
**Cc:** GravelPit <[GravelPit@manitowoc.org](mailto:GravelPit@manitowoc.org)>  
**Subject:** June 2020 Potable Well Testing Letters

Hi Tauren,

Attached are copies of the letters and testing results sent out to property owners from the June 2020 potable well testing and a copy of the PFAS fact sheet that was sent with those tested for PFAS.

Please let me know if you have any questions.

Thanks!

Karen Dorow | Business Manager  
City of Manitowoc  
900 Quay Street