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To: [Jeffrey Howard Danko](#)
Cc: [Scott D Wahl](#); [Kelly, Bridget B - DNR](#)
Subject: PFAS Hazard Index (HI) Information and Directions
Date: Thursday, April 15, 2021 4:37:00 PM
Attachments: [image001.png](#)
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Jeff – In response to the recent notice “[DNR Adopts DHS Hazard Index for PFAS](#)”, you requested additional information on the Hazard Index (HI) calculation and reporting.

The HI formula and examples of the calculation can be found in the [DHS's PFAS Hazard Index Memo](#).

Please note, the HI is not intended to be used to develop cleanup standards under ch. NR 722, but does apply to assessing the cumulative risk of exposure to PFAS in drinking water. As such, if the HI is equal to or exceeds 1.0 in drinking water, DHS and DNR recommend a safe alternative drinking water source be provided to the affected party as soon as possible.

JCI/Tyco has provided alternative water to parties where its testing found drinking water exceeded the Cycle 10 and Cycle 11 recommended groundwater standards for PFAS based on previous sampling results. With that in mind, here are directions to focus your efforts when evaluating and reporting on the newly adopted HI for PFAS:

Future Private Well Sampling:

- Complete the HI calculation when evaluating PFAS results for all future private well sampling.
- Include the results of the HI calculation in the notification letters sent to property owners and tenants.
 - Where HI calculation is less than 1.0, include a note in the text stating that the HI calculation was completed and was not over 1.0.
 - Where HI calculation is equal to or exceeds 1.0, include the HI calculation results in the summary table and discuss the finding in the text.
- Prepare two template notification letters (one for each HI scenario), and provide drafts to the DNR for review prior to use.

Past Private Well Sampling:

- Complete the HI calculation on past private well sample results where concentrations of PFAS were less than the Cycle 10 or Cycle 11 recommended standards. (Private wells that are already receiving alternative water, but which were below Cycle 10 and Cycle 11 recommended standards must still be included in HI evaluation because the calculation results may change the risk communication provided to those parties.)
- Notify any parties where the HI is equal to or exceeds 1.0 and provide safe alternative drinking water to those affected parties; if requested by the well owner, send them an additional sample results notification letter utilizing the HI template letter described above.
- Summarize the findings and conclusions in a memo to DNR by May 7, 2021; in the summary, distinguish between wells that have been analyzed for 36 PFAS and wells where one or more

PFAS having recommended standards are missing from the analyte list.

Please let me know if you have any questions. Glad to discuss further if needed.

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