

**From:** [Ales, Stephen M -DNR](#)  
**To:** [Dunlap, Mike J - DMA](#)  
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**Subject:** MMP Approval for Munitions M&I Facility BRRTs #02-13-585319  
**Date:** Wednesday, May 29, 2024 9:11:06 AM  
**Attachments:** [image001.png](#)  
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Mike:

The Wisconsin Air National Guard (WANG) submitted a Materials Management Plan for constructing the Munitions M&I structure. The BRRTs number for this project is 02-13-585319. The submittal was sent to DNR on May 28, 2024. WANG completed four soil borings in the area of this project. Soil samples were analyzed for PFAS compounds and groundwater was analyzed for PFAS and VOC compounds.

PFAS was found in groundwater at this location. The concentrations exceed recommended health levels from the Wisconsin Department of Health Services for PFOS and PFOA. This was expected as other groundwater samples collected from this area have previously shown PFAS impacts to groundwater. VOCs were also detected in groundwater at this location and samples show exceedances of NR 140, Wis. Adm. Code standards for benzene, 1,2-DCE and bromodichloromethane.

PFAS compounds were found in the soil with most levels showing J-flagged lab results. The data from boring 01-AA-MW-3 did have PFOS present at concentrations that were quantifiable by the lab analysis.

Following the soil management plan approved for this site on July 21, 2021, the WANG is proposing to segregate all soils within a 25 foot radius of 01-AA-MW-3 and handle this as PFAS containing soil. The soil is proposed to be moved to the temporary soil stockpile on the WANG base located to the west of building 1209.

The DNR approves this proposed plan for handling soil from the Munitions M&I project.

The WANG does not anticipate needing to lower the water table in this area in order to complete this project. PFAS is present in the groundwater at this location. If it becomes necessary to dewater the area, then this water must be captured and contained by WANG until treatment options can be developed for the water.

Let me know if you have any questions.

Steve

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**Stephen M. Ales, P.G.**

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