

Weihemuller, Wendy - DNR

From: Ales, Stephen M -DNR
Sent: Monday, September 27, 2021 4:28 PM
To: Dunlap, Mike J - DMA
Cc: HINMAN, MICHAEL T GS-12 USAF ANG 115 CES/Architect; Ross, Issac A - DNR; Ales, Stephen M - DNR
Subject: MMP Approval for Alert Shelters BRRTs # 02-13-585319

Mike:

On September 22, 2021 The Wisconsin Air National Guard submitted a plan for addressing PFAS containing soil in the area of the proposed Alert Shelters. The data were submitted to DNR in an email from Mike Hinman on 9/23/2021. Borings TR20-01 and TR20-04 are in the area of the proposed Alert Shelters while borings TR20-02 and TR20-03 are located a few tens of feet away and closer to buildings B404 and B406.

Very low levels of VOCs were detected in the soil are TR20-01. Low levels of VOCs were found in groundwater at location TR20-02. There were no exceedances of NR 140 groundwater quality standards at these locations. No VOC were found in locations TR20-03 and TR20-04.

PFAS compounds were detected in soil at all four sampling locations. PFOS was detected at all four locations and other PFAS compounds were detected at locations TR20-02 and TR20-03. PFAS compounds were detected in groundwater at all four locations with TR20-03 having the highest concentrations of PFAS compounds.

In accordance with the Materials Management Plan approved for this site on July 21, 2021 all of the soil from this project is to be handled as PFAS containing soil and will be placed under an impervious surface at the completion of the project. Until it is used for final placement the soil may be kept at this location, or may temporarily be placed west of Building 1209. Groundwater is not expected to be encountered during this construction project. If that should change please contact me to determine options for handling the water.

Let me know if you have any questions.

Steve

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Stephen M. Ales, P.G.

Hydrogeologist Program Coordinator – Remediation and Redevelopment Bureau, Division of Environmental Management
Wisconsin Department of Natural Resources
Phone: 608-400-9187
Stephenm.Ales@wisconsin.gov

