



VIA EMAIL

June 13, 2018

Robert (Mike) Sitton
S7273 Bluff Road
Merrimac WI 53561

Subject: Badger Army Ammunition Plant – Baraboo, Wisconsin
Deterrent Burning Ground
BRRTS #02-57-001002

Dear Mike:

Thank you for sending me your “Submittal of April 2018 Monitoring Well and Residential Well Groundwater Data” report dated June 5, 2018.

Our Department is concerned about the increasing total dinitrotoluene (DNT) concentrations at several of the monitoring wells, particularly near the downgradient edge of Deterrent Burning Ground (DBG) plume. Most notably, total DNT concentrations in groundwater at monitoring well ELN-1003C increased from “no detect” during September 2017 to 0.108 micrograms per liter (ug/L) during May 2018. This is greater than the ch. NR 140, Wis. Adm. Code Enforcement Standard (NR 140 ES) of 0.05 ug/ for total DNT. Total DNT concentrations have also increased and exceed the NR 140 ES in groundwater at monitoring well ELN-1003B.

Monitoring wells ELN-1003B and ELN-1003C are approximately 96 and 160 feet deep, respectively. Furthermore, there are several potable wells nearby and potentially downgradient of these monitoring wells. Of particular concern is the Purcell well since it is only approximately 112 feet deep. As a result, we would like you to submit a work plan to increase the frequency of sampling at the downgradient DBG plume monitoring wells and potable wells as soon as possible.

Please feel free to call Jason Lowery at (608) 267-7570 to discuss this request.

Sincerely,

Jason B. Lowery
Hydrogeologist
Remediation & Redevelopment Program

Steve L. Martin
Regional Supervisor
Remediation & Redevelopment Program

Copy: Steve Ales, DNR