

Memo to File: Wisconsin Air National Guard, Truax Field, Madison

BRRTs # 02-13-585319, F-35 Construction Projects

On May 31, 2022, Steve Ales (WDNR) made a site visit to the WANG base at Truax. Ales met Lt. Col. Mike Dunlap (base civil engineer) for the site visit. Areas observed during the site visit were:

- Soil pile west of building 1209 is larger than the last visit. Soil from Alert Shelters has been added to the pile. Access is from the paved area north of the pile. A silt fence is maintained around the pile and there was no indication it had been breached by soil/rain runoff from the pile. If needed this pile could extend to the west into more of the grassy area.
- The simulator building is making great progress. All the windows are now in and progress on the interior is moving along. Goal is to have the simulators in place and the building operational by August. The area north of the building, which has been dirt/gravel for the past year, has recently been paved. This reduces the potential for soil runoff from the site. Dunlap said he anticipates exterior work on building, and landscaping to be completed in July.
- Dunlap took Ales into several other buildings where interior work is being completed. These are in various stages of rebuilding.
- Alert Shelters – several items related to the Alert Shelters. These include:
 - A) Water lines to serve exterior fire hydrants are almost complete. Line and hydrants along southwest side of building is complete. Ales was able to observe line that will serve hydrants along northeast side of building. Trench is about 9-10 feet deep, 3 feet wide at bottom and 8+ feet wide at top. Groundwater entered bottom of trench at a relatively minor rate. Once completed around the exterior of the building the water lines will be connected to the closest water main located to the northwest in the Munitions area.
 - B) Dewatering from trench appears to be going smoothly. Workers had a pump in bottom of trench that easily kept up with water entering trench. Estimate is less than 10 gallons a minute. Water moves through a hose into the Munitions area which was approved to receive the discharge. Discharge hose enters a garbage roll off that has been lined with plastic. Solids settle at bottom of box and water pours over the top of the box on to the ground. Water is silty/tan colored. This area has healthy, thick grass and the water moves up to about 20 yards away from the roll off before sinking into the ground. No water was observed leaving the grassy area.
 - C) Subsurface work on the interior (water/sewer lines) is underway and almost complete. Backfilling of the interior of the building is underway. Dunlap indicated a crane will be brought on site next week to enable construction of the walls and roof of the Alert Shelter.
- Apron Project – The apron area between the Alert Shelter and buildings 406 and 404 and part of 400 needs to be replaced. The new pavement needs to be 12" thick and the existing pavement is 8" thick. Plan is to remove the concrete and the top 4' of the engineered soil fill located beneath the concrete. Dunlap recently tested the top 4" of engineered fill for PFAS and the

results are pending. If the results are PFAS free, then the material can be removed from the site. If the material contains PFAS then Dunlap will submit a materials management plan to remove the 4" of engineered fill and place it into the fenced area of Munitions. This material will be stored there until 2024 when a new building will be constructed in Munitions. That building will house explosive material so the building will need to have soil placed around three sides and the roof. The engineered fill would be used to cover the new building once it is constructed.