

**NTC GREAT LAKES MEETING MINUTES**  
**January 22, 2002**  
**GREAT LAKES, IL**

Attendees:	<u>TtNUS</u> Robert Davis Aaron Bernhardt Tom Jackman	<u>Navy SouthDiv</u> Anthony Robinson David Criswall	<u>IEPA</u> Brian Conrath Les Morrow
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**1.0 Meeting and Introduction**

- 1.1 Greeting and check in
- 1.2 Agenda – the agenda was to discuss the results of Site 7 and activities to be conducted based on these results. The activities to be conducted include abandonment of the wells and preparation of a report.
- 1.3 Data tables (frequency of detection, summary of positive hits, and sieve analysis) were submitted by e-mail and hard copy form. Slug test data and the field forms were submitted by e-mail.

**2.0 Site 7 Groundwater**

- 2.1 Results of the groundwater analysis indicate exceedances of inorganics, manganese, lead, iron, and thallium compared to TACO Tier I criteria. Slug testing data indicated the groundwater classification is borderline between Class I and II. MW06 seems to be an outlier. IEPA requested that additional slug testing be completed at MW05, MW06, and MW07 to help with the classification. Several other sites at the base have a Class II groundwater designation, so this is not a new precedent. If the groundwater is classified as Class II, there are no exceedances to the groundwater criteria. If the groundwater is classified as Class I, additional documentation will be necessary to close out the site.
- 2.2 Also noted on the field forms that some of the groundwater temperatures were elevated. This is a result of the underground steam lines that are in the area.
- 2.3 Additional groundwater sampling will not be required and the wells can be abandoned after the slug testing.

**CONSENSUS:** Groundwater investigation at Site 7 is complete other than action item below and the wells can be abandoned.

**ACTION ITEM:** TtNUS will conduct additional slug tests at MW05, MW06, and MW07 and contact the IEPA with the results. Upon reporting the results of the slug tests to IEPA, the wells can be abandoned. TtNUS will coordinate these activities so they will occur at the same time as the IDW disposal. TtNUS will keep the Navy and IEPA informed of the date so IEPA can observe the activities especially if IEPA will be in the area.

**3.0 Site 7 Soil**

- 3.1 Results of the soil analysis indicated exceedances of inorganics and polynuclear aromatic hydrocarbons (PAHs). There are no risks as they relate to the current site usage. Future use to remain the same. The site will be repaved after reconstruction of Building 1200, the neighboring building to the north. The PAH exceedances are in the normal range for cities in the US, when located in the immediate vicinity of paved parking lots and roads. If these PAH exceedances were not adjacent to both the parking lot and the road, the levels would not have been considered normal or acceptable. The PAH concentrations in SB12 at depth are higher than the concentrations from other borings and samples. This was the location of the aboveground storage tank (AST) and was a location of a spill from the AST.
- 3.2 A limited action of land use controls and engineering controls (asphalt pavement) is appropriate for the site. A maintenance notice and worker precautions would be necessary for the land use control.

**4.0 Report**

**CONSENSUS:** Prepare a separate report for Site 7 – indicate limited action of Land Use Controls and Engineering Controls for the soil.

**ACTION ITEM:** TtNUS will update the criteria based on recent changes in TACO.