

Deposit POG1 B, Phase 2 Post-Construction Status Report – May 2007

Purpose: Comply with Wisconsin Department of Natural Resources (WDNR) conditional work plan approval for remediation of Deposit POG1 B, dated September 11, 2006. The conditional work plan approval required monthly reports following construction activities to remediate Deposit POG1 B. The monthly reports must document the condition of the erosion control measures and any required maintenance activities. The monthly reports must be submitted the first week of each month until the area is re-vegetated and stable.

The construction at Deposit POG1 B was completed on November 3, 2006. A summary of construction activities was submitted to Ms. Kristy Rogers of the WDNR on November 29, 2006. This constitutes the May 2007 monthly post-construction report.

Observations: The area of Deposit POG1 B was observed by STS on May 25, 2007. The lake level had receded to the point that the lake bed was exposed in front of the silt screen, near the pedestrian bridge, as shown in Photograph 1. As noted in April 2007, changes in lake levels and wave action removed portions of the erosion control mats along the shoreline. The erosion control mats on the slopes were generally in good condition.

Photograph 1 – Shoreline looking north from pedestrian bridge.



The shrubs and trees were leafing out as noted in Photograph 2. The temporary cover seeding from 2006 did not appear to be emerging and it is suspected that it was lost (rotted) over winter. Invasive plants, including thistle and burdock, were noted along the pedestrian path. The invasive plants appear to have been pre-existing perennials that were pushing through the thin mantle of new soil fill along the path. Most of the emerging plants on the slope were herbaceous, versus grasses.

Based on these observations the following activities are planned for June 2007:

- Remove invasive species along the pedestrian path with herbicide (select spraying).

- Apply native grass seed with water from a hydromulcher. This should float seed under the erosion control mats and negate removal and reinstallation of the mats. It will also reduce site disturbance and allow germination and emergence of seed that may have successfully over-wintered.
- Apply mulch to the entire site with a hydromulcher. This will provide additional protection of the slope and newly placed seed.
- If sufficiently dry, the silt fence will be removed (previous attempts found the ground to be too soft to traverse without significant disturbance).

Photograph 2 – Shrubs and trees leafing out.



Photograph 3 – Invasive species near pedestrian path and herbaceous vegetation on slope.



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