Leviathan Mine Site

Interim Combined Treatment

Upper Pond Conveyance System (UPCS) Project

Daily Report

April 24, 2017

By

Scott Bohman

Safety and Environmental – no issues with respect to Safety and Environmental. USA performed HSSE site orientation training and work authorizations review.

Manpower – USA crew consisted of 8 people. USA left the site at 11:30 to travel to Carson City for HSSE training of their subcontractor (Briggs) crew (10 people).

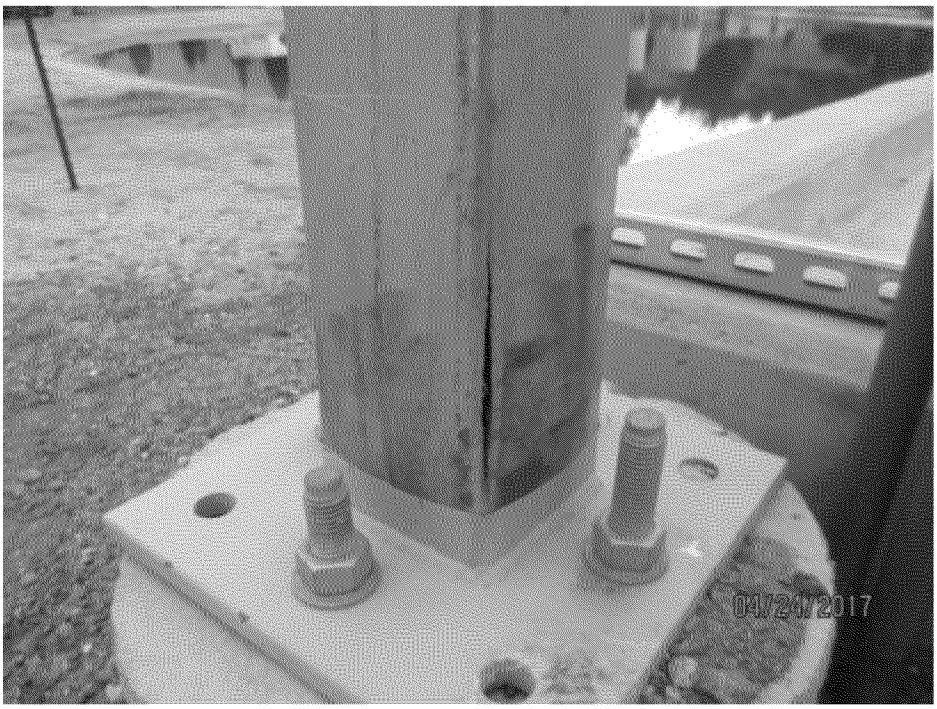
Work Accomplished – Today was the first day of UPCS construction work after winter shutdown. USA performed inspection of the project area of any impacts from winter shutdown (see issues below), performed a site supply inventory, and returned to Gardnerville to pick up a forklift to mob to the site. No materials or equipment were mobilized to the site today. Power cable delivery to the site anticipated for late this week.

Issues:

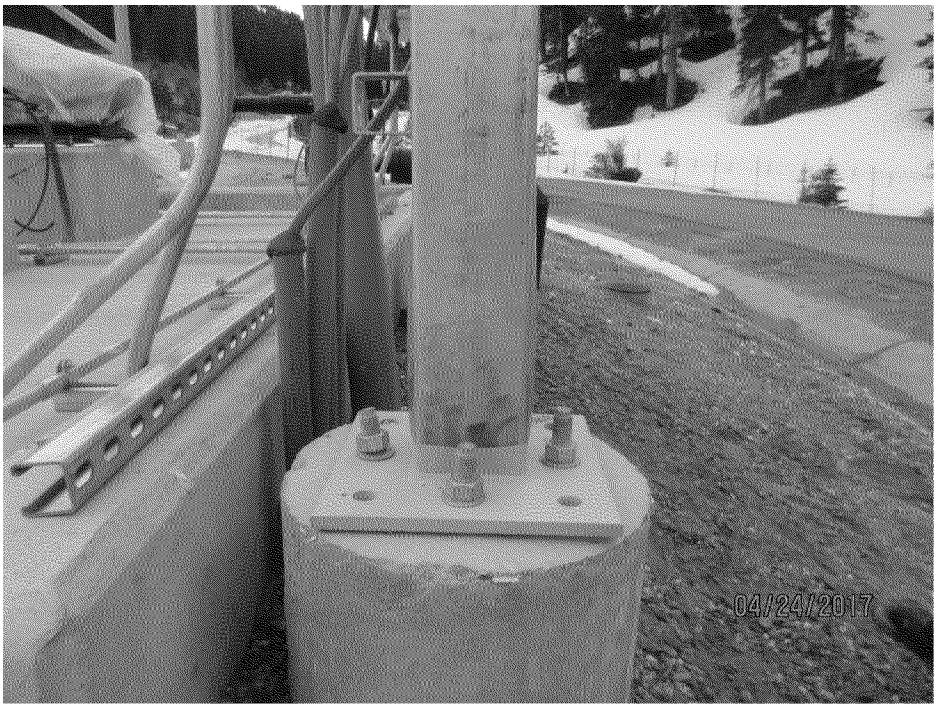
- Winter shutdown issues:
  - Base material under winch concrete pedestals has eroded/settled at the pond-side corners (see photos). South pedestal at Pond 1 appears to have tilted approximately 3 degrees toward pond. Other 3 pedestals at ponds do not appear to show signs of movement.
  - Water has entered the interior of the control panel steel support pedestals, froze, expanded, and caused swelling of the steel supports near the base. The north pedestal at Pond 1 has cracked at the corner of the pedestal (see photos). Tops of pedestals need to be capped or weepholes added to prevent water from entering the interior. Steel support repair need to be determined by control panel vendor.
  - Grout around discharge pipe at Pond 2S is cracking (see photos). Will need to be replaced/repaired.
  - Earthen pipe anchors along west side of Pond 4 are eroding and allowing minor pipe movement (see photos). Earth anchors need to be repaired or re-built with additional or potentially less erodable material.
- Submittal reviews in progress.

- Ponds 1 and 2S discharging through overflow pipe.

Photos:

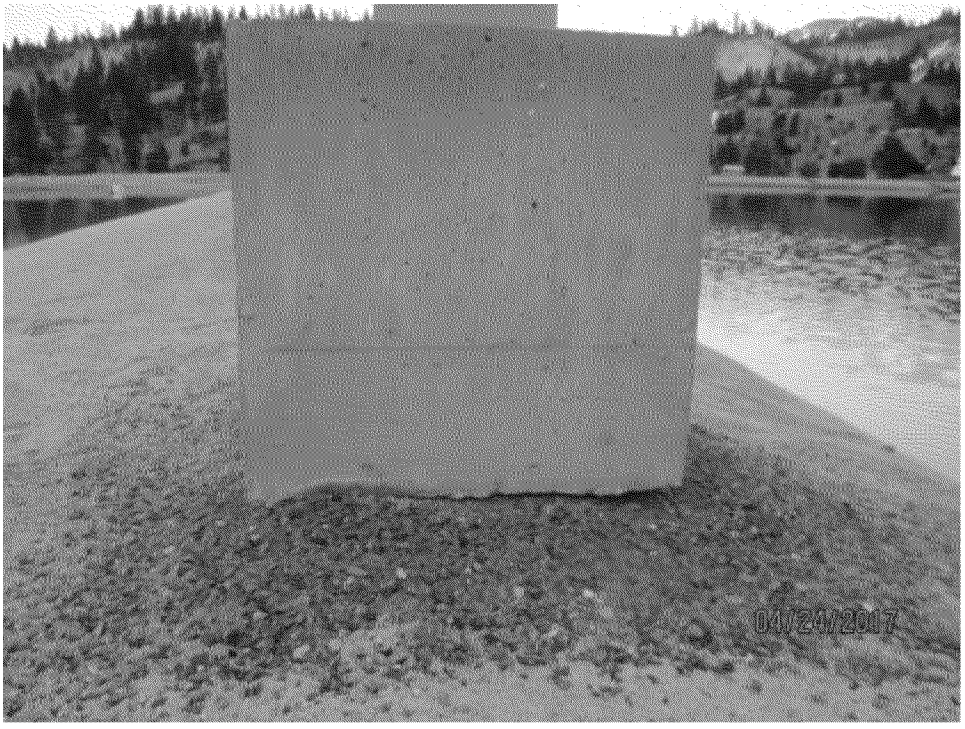


Pond 1 control panel steel support pedestal (cracked north pedestal).



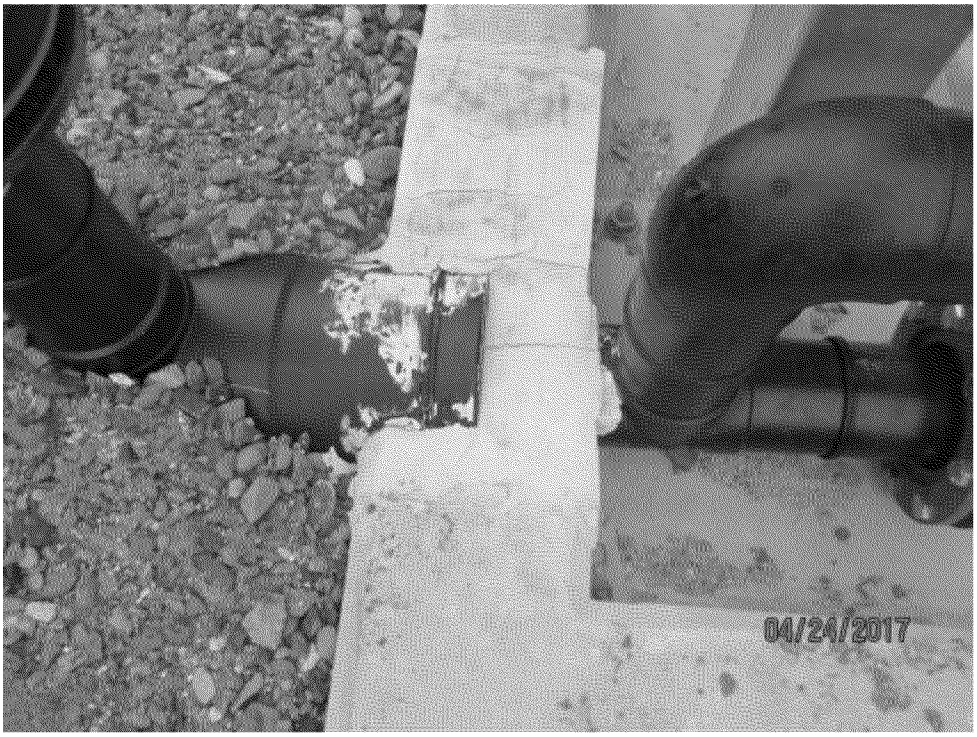
Swelled control panel steel support pedestal (at base).

Eroded/settled foundation material at winch support (Pond 1 south).

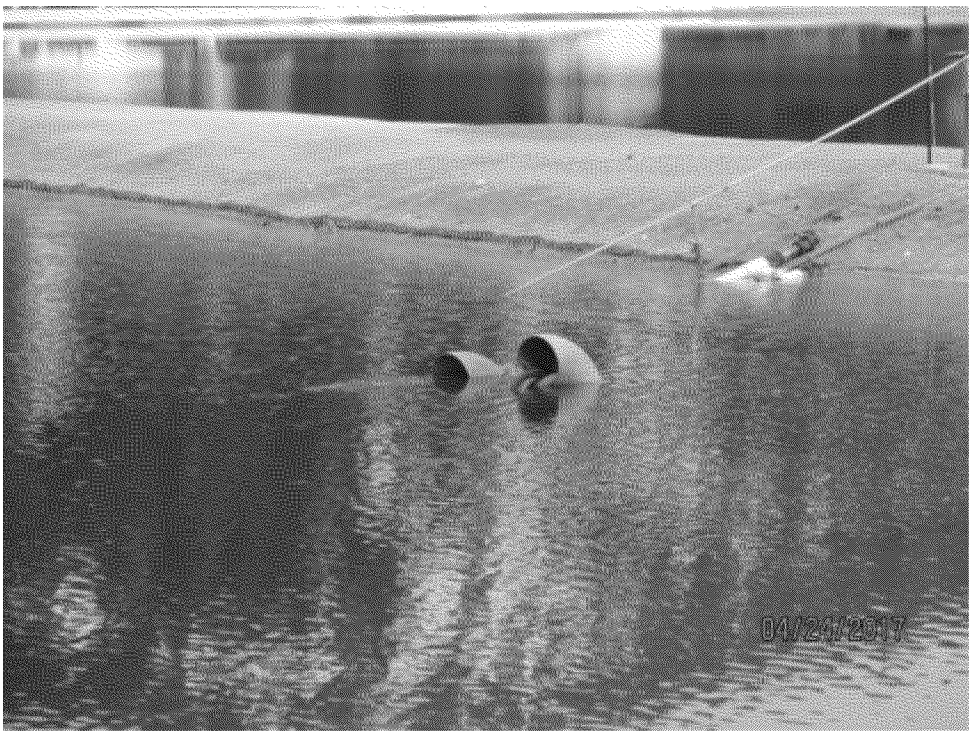


Eroded/settled foundation material at winch support (Pond 2S west).

South winch pedestal at Pond 1 is tilted ~3 degrees toward pond.



Cracked grout around Pond 2S pump station discharge pipe.



Pond 2S discharging through overflow pipe.

Eroded earthen pipe anchor west of Pond 4.