FIELD REPORT

OWNER - Rock-Koshkonong Lake District (RKLD)

ARCHITECT / ENGINEER – Mead & Hunt, Inc.
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PROJECT: Indianford Discharge Capacity Upgrades

FIELD REPORT NO.: 08
DATE: September 8, 2022

Dam Key Sequence No.: 608
Field File No.: 53.04

FIELD REP: Jon Salomon

WEATHER:

- Sunny 75 degrees
- The water level of the lake was EL 776.13 NAVD 1988 according to USGS monitoring location 05427235 located on Lake Koshkonong near Newville, WI. 1 of the full-size gates and the 1 narrower gate were fully open on the gated spillway and water was passing over the principal spillway. The powerhouse was passing no water. Bay 1 of the powerhouse had stoplogs installed on the upstream and downstream sides.

WORK IN PROGRESS:

- The removal of the concrete intake headers for bay 1.
- Holes for the concrete demolition work were being drilled in the intake floor for bay 1.
- Construction on the interior stairs and the exterior platform steel erection has been paused until the ongoing issues regarding paint, connections, and defective work are resolved.

OBSERVATIONS:

- Arrived on-site @ 9:15 AM.
- IEI had a 3-person crew on site.
- I walked around the site and looked at the erosion control for the project. All the silt fences were in place and installed per plans.
- The site has security fencing and signage to deter trespassing on the site.
- A settlement bag has been installed for the sump pump in bay 1 to empty into to prevent any construction debris entering the waterway.
- All three headers for bay 1 had been removed and the debris was being transported off site.
- The formwork for the closure wall had been removed.
- I observed the erected interior stairs and the operator platform and gathered more information in order to assess the ongoing issues.
    - I discovered that the ends of the beams that were cut during the steel erection were not recoated. As a result, the ends are showing signs of corrosion as indicated by leaving rust coloring after being touched.
- Left site @ 10:30 PM.

RECOMMENDATIONS:

- The corrosion should be removed from the bare steel at the ends of the beams that were cut during platform erection prior to the structure being painted. The sharp, cut edges should also be ground to a 1/16-inch radius to promote adequate paint coverage.

08 - Intake Headers Removal and Closure Wall of Bay 1 9 08 22

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CAUTION
HARD HATS
REQUIRED
DANGER
CONSTRUCTION
AREA
KEEP OUT

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