



Construction Observation Report

DATE: October 18, 2017

MMI #: 2525-09

PROJECT: EAST BURKE DAM REMOVAL – EAST BURKE, VERMONT

Observed By: Roy Schiff

Time: 8:30 am – 4:30 pm

Weather: 30's to 60's, low flow

EQUIPMENT / OPERATOR:

CAT 323F Excavator / GW Tatro

CAT 336E Excavator and H160D Ho-Ram / GW Tatro

CAT 320E Excavator (long reach) / GW Tatro

CAT 299C Skid Steer with bucket, fork, and sweeper / GW Tatro

2 Tri-axel dump trucks / Wagner's Construction, Myer's

PERSONNEL:

Marshall Leonard (engineer), Jim Webb (foreman), Bill Barry (operator), Armande Nadeau (operator), 3-person labor crew / GW Tatro

Ron Rhodes (Project Manager) / CRC

Visitors: VT Dam Task Force, Lyndon State College Environmental Science Class

ACTIVITY:

- Cleaning out sediment by dam, loading out, and hauling
- Initial sediment removal moving upstream and creation of temporary haul road
- Disassembled trail bridge in preparation for removal
- Continued cross section location layout for Passumpsic River and Dish Mill Brook
- Brought steel tube to site to assist with picking up bridge.

DESIGN / CONSTRUCTION NOTES:

- MMI to provide cross section control points.
- Cross section T-04 reversed in terms of location of channel and bench based on field condition.
- Ledge encountered at dam opening and in several locations upstream of dam while removing sediment.
- Moved to local haul site around 10am as medium sand and gravel now being hauled.
- Dam lowering not anticipated until Dish Mill stabilized. May lower 1 foot max to expose more sediment.

COMPLIANCE NOTES:

- Site control good.
- Site access across archaeology area is good.

SCHEDULE:

- W – clean out by dam, continue to upstream end of project site, remove bridge.
- TH – Layout review with MMI. Stabilize Dish Mill. Continue sediment removal.
- F – Stabilize Dish Mill. Continue sediment removal.

PHOTOGRAPHS:



Initial sediment removal and haul road construction upstream of Dish Mill Brook.



Breached dam and upstream sediment removal.