



Construction Observation Report

DATE: October 31, 2017

MMI #: 2525-09

PROJECT: EAST BURKE DAM REMOVAL – EAST BURKE, VERMONT

Observed By: Roy Schiff

Time: 7:50 am – 2:30 pm

Weather: 50's, moderate flow and dropping, overcast

EQUIPMENT / OPERATOR:

CAT 323F Excavator / GW Tatro

CAT 336E Excavator / GW Tatro

CAT 320E Excavator (long reach) / GW Tatro

Volvo L90E Loader / GW Tatro (at Wagner pit)

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

3 Tri-axel dump trucks / Kings Hill, Rudy Flood, Myers

PERSONNEL:

Jim Webb (foreman), Bill Barry (operator), Armande Nadeau (operator), Dan (operator)

Ron Rhodes (Project Manager) / CRC

ACTIVITY:

- Sediment removal of material trapped at dam
- Remove sediment piled on haul road from previous channel cleanouts
- Removed snowmobile/bike bridge over Dish Mill Brook
- Began stabilizing bridge abutments and channel on Dish Mill Brook
- Reviewed grades at Dish Mill Brook

DESIGN / CONSTRUCTION NOTES:

- Upstream channel looks good following high water.
- Adjusted proposed grades around confluence of East Branch Passumpsic River and Dish Mill Brook. Lowered proposed channel grade at downstream end of proposed bed armor to 810. Bed armoring will extend between 808 and 804. This will create steeper slope at bed armor, but will blend slopes between channels better based on current elevations and where the native channel bed appears to be located vertically. Grade at T-03 seems to be at 804, approximately 4 feet lower than originally anticipated. This elevation could be backwatered by existing bedrock. And may create pool in area. This field change has been communicated to the job foreman.

COMPLIANCE NOTES:

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

SCHEDULE:

- Stabilize Dish Mill this week, with possible completion Thursday.
- Continue sediment and dam removal.

PHOTOGRAPHS:



Loading and hauling sediment removed from in front of dam after high water.



Armored river left (facing downstream) bridge abutment with bridge removed.