



# Construction Observation Report

**DATE:** November 2, 2017

**MMI #:** 2525-09

**PROJECT:** EAST BURKE DAM REMOVAL – EAST BURKE, VERMONT

**Observed By:** Roy Schiff

**Time:** 8:45 am – 1:00 pm

**Weather:** 40's, moderate flow and rising (200-400+ cfs), rain

## **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 / St. Onge, Wagner, Myers

## **PERSONNEL:**

Jim Webb (foreman), Bill Barry (operator), Armande Nadeau (operator), Dan (operator), Two-person labor crew

## **ACTIVITY:**

- Channel shaping and restoration between the upstream of and to Dish Mill Brook
- Hauling excavated material to Wagner's pit
- Load and haul metal to pit
- Attempting water control at new right abutment on Dish Mill Brook

## **DESIGN / CONSTRUCTION NOTES:**

- Upstream channel and habitat features looks good during moderate and high water.
- Reviewed to make floodplain smoother and install less fish habitat in swimming area just upstream of Dish Mill Brook.
- Discussed plugging holes in bank at tributary on river right bank on East Branch Passumpsic River where small channel flows into river. Will do when water levels drop.
- Installed silt sock to filter runoff from access area that flows through vegetated buffer.
- Discussed the need to refurbish construction entrance by mixing or installing fresh stone.

## **COMPLIANCE NOTES:**

- Site control good. Restored construction boundary tape on river right side of dam.
- Site access across archaeology area is good.

## **SCHEDULE:**

- Build river right abutment this week, with possible completion Friday.
- Stabilize Dish Mill Brook early next week.
- Continue sediment and dam removal.

**PHOTOGRAPHS:**



*Continued sediment removal and channel/floodplain restoration.*



*Partially removed dam under moderate flow. Scrap metal removal taking place in background.*