






APPENDIX E:



High Priority Projects

Tubbs Brook High Priority Projects

<p>Tributary: Tubbs Brook</p> <p>Town: Pownal</p> <p>Reach: M01T1.02</p> <p>Project #: TB 6</p> <p>Project Type: Stormwater Treatment and Gully Stabilization</p> <p>Site Description: A cross culvert carrying runoff from Skiparee Road and upstream areas has caused significant gully erosion of the valley wall and along the floodplain leading to Tubbs Brook. BCRC has submitted a Watershed Grant application to address this site.</p>	
<p>Tributary: Tubbs Brook</p> <p>Town: Pownal</p> <p>Reach: M01T1.02</p> <p>Project #: TB 7</p> <p>Project Type: Culvert Replacement</p> <p>Site Description: Two culverts (5ft and 4ft diameter) are a major bankfull constriction and completely block upstream AOP.</p>	

<p>Tributary: Tubbs Brook</p> <p>Town: Pownal</p> <p>Reach: M01T1.04.B</p> <p>Project #: TB 10</p> <p>Project Type: Stormwater Treatment</p> <p>Site Description: Stormwater runoff from Fowlers Way and Mt Anthony Rd spill on the floodplain and into the channel through a ditch turnout. Large plumes of fine sediment are visible on the floodplain and into the channel.</p>	
<p>Tributary: Tubbs Brook</p> <p>Town: Bennington</p> <p>Reach: M01T1.04.C</p> <p>Project #: TB 14</p> <p>Project Type: Culvert Removal and Driveway Relocation</p> <p>Site Description: Tubbs Brook flows through two undersized culverts. The downstream culvert under Mt Anthony Rd is scoured and the walls are failing. The upstream driveway culvert is a major bankfull constriction. Both culverts are significant AOP barriers.</p>	
<p>Tributary: Tubbs Brook</p> <p>Town: Bennington</p> <p>Reach: M01T1.04.D</p> <p>Project #: TB 16</p> <p>Project Type: Corridor Protection</p> <p>Site Description: Approximately 800ft of the channel is openly accessed by pastured cattle. The channel and floodplain are impacted by trampling leading to increased erosion and likely significant nutrient inputs. Much of the stream corridor appears to be wetland.</p>	

Ladd Brook High Priority Projects

<p>Tributary: Ladd Brook</p> <p>Town: Pownal</p> <p>Reach: M05S1.01</p> <p>Project #: LB 1</p> <p>Project Type: Culvert Replacement</p> <p>Site Description: The two culverts (4ft diameter) under an old, possibly abandoned crossing west (downstream) of the railroad crossing are causing sediment and debris deposition at the inlet. Constriction may exacerbate flooding upstream in the mobile home park.</p>	
<p>Tributary: Ladd Brook</p> <p>Town: Pownal</p> <p>Reach: M05S1.01</p> <p>Project #: LB 2</p> <p>Project Type: Culvert Replacement or Retrofit</p> <p>Site Description: The railroad culvert is 6ft in diameter, while the bankfull channel width is 17ft (structure width is 35% of reference). Major flooding occurs in the adjacent mobile home park during large floods.</p>	

Tributary: Ladd Brook
Town: Pownal
Reach: M05S1.01
Project #: LB 3
Project Type: Barrier/Dam Removal
Site Description: A makeshift dam built from railroad ties, stumps, and a rubber liner is located just upstream of the mobile home park. Dam is causing aggradation upstream and may exacerbate flooding to nearby mobile homes.



Tributary: Ladd Brook
Town: Pownal
Reach: M05S1.02
Project #: LB 7
Project Type: Road Maintenance and Erosion Control
Site Description: The road shoulder along Ladd Brook Road is extremely steep and eroding directly into the channel. Road grading likely pushes material further onto this slope increasing sediment loading. Town has attempted to stabilize with log terracing and makeshift soil nails.



Tributary: Ladd Brook
Town: Pownal
Reach: M05S1.02
Project #: LB 11
Project Type: Road Maintenance and Erosion Control
Site Description: The road shoulder along Ladd Brook Road is extremely steep and eroding directly into the channel. Road grading likely pushes material further onto this slope increasing sediment loading. Town has attempted to stabilize with log terracing.



Tributary: Ladd Brook

Town: Pownal

Reach: M05S1.02

Project #: LB 12

Project Type: Road Maintenance and Erosion Control

Site Description: A pile of sediment was dumped along the bank just west (downstream) of the Lavino Road crossing. Sediment pile is not vegetated and is rilling fine sediment into the channel.



Hoosic River High Priority Project

Town: Pownal

Reach: M04-B and M05

Project #: HR 4

Project Type: River Corridor Protection

Site Description: A large, undeveloped floodplain and river corridor is found just north of Pownal Village, in between Palmer Drive and Rt. 346. The floodplain and river corridor are intensively used for agriculture. This portion of the Hoosic River is the least incised portion in Vermont, indicating good floodplain access.

