

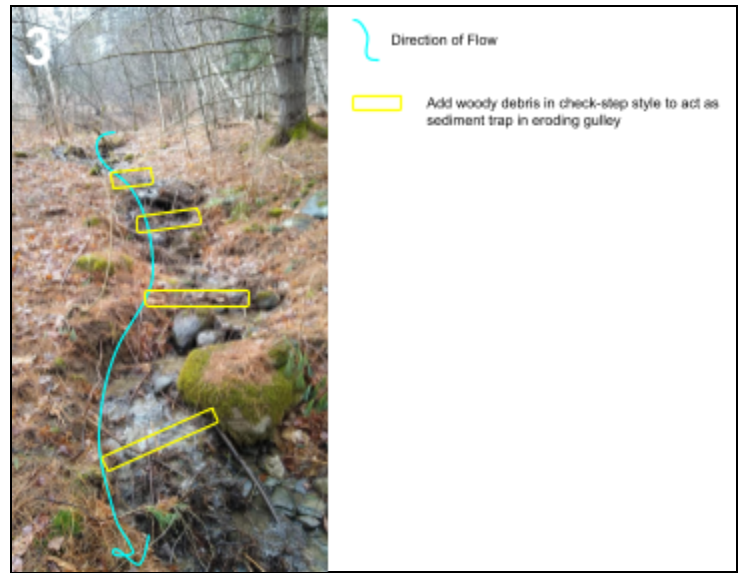
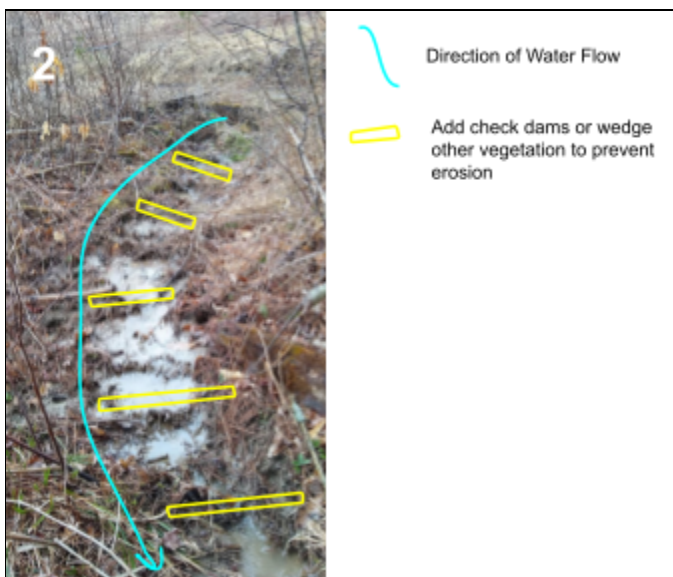
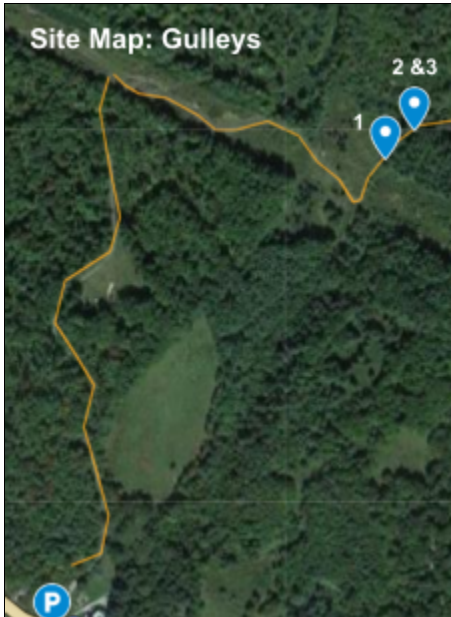
Richmond Community Forest x VYCC Project List

This document outlines potential projects for VYCC Campus crews to complete on the Richmond Community Forest Trails in the 2022 Field Season. VYCC's partnership with the Town of Richmond is made possible by a Block Grant offered by VT DEC. The goal of the Block Grant is to improve water quality by decreasing erosion throughout the watersheds of Vermont.

Projects are listed in order of importance and feasibility. Campus crews consisting of 8 crew members ages 15-18 accompanied by two adult leaders will be on site the weeks of July 4-8 and August 1-5

Ranked Project List

1. **Improve waterbars** along first ¼ mile of trail. Clear debris, ensure outlets are directed to stabilized areas. Estimated time to complete: 2 days
2. **Install mini check dams** with woody material found on site along three forming gulches to act as sediment traps and prevent further incision and erosion near surface water. Estimated time to complete: 4 days



3. Remove perched culvert to prevent scouring at outfall and improve habitat connectivity for aquatic wildlife. This proposal would allow the stream to flow over the existing trail rather than being re-routed underneath it through the culvert. The VYCC crew may be able to set a few flat rock stepping stones to allow for foot traffic access throughout the year? Remaining questions: Is this an issue for mountain biking access? Do we need a permit to change this feature? Kristen has reached out to Gretchen Alexander, the DEC River Scientist who serves this area to inquire about permitting requirements. Estimated time to remove culvert: 1 day Estimated time to add rock steps or other features: 2 days



4. Additional trail work as time allows. Make waterbars from recent logging more gentle to allow for foot traffic and mountain bike usage. Improve stabilization of outlets to prevent erosion issues on the hillside leading to surface water. This project is the furthest from the trailhead (almost a 1-mile hike in). Progress will likely be slow and water quality benefits are less urgent, so we suggest keeping this as a “back-pocket” project if crews are moving quickly.

