



### 3. Morse Farm Maple Sugarworks:

#### *Existing Conditions:*

Morse Farms Maple Sugarworks is located at 1168 County Rd in Montpelier, VT. The site includes several buildings and associated driveways and parking lots. This area currently drains via overland flow to a small tributary in the cow pasture located southwest of the lower driveway. This area was noted by the Town as being a good potential candidate for inclusion as a high-priority site within this plan.



Puddles and potholes in the upper parking lot.



Drainage from the upper parking lot and County Rd flows along the grass and over the lower driveway.



A gravel wetland is proposed in the greenspace across from the sign (pictured above). A driveway culvert will be added to the right of the sign to direct drainage to the practice.

#### *Proposed Solutions:*

Add a stone lined swale along road and a driveway culvert under the lower driveway. Regrade the upper parking lot and direct to stone lined swale. Regrade lower parking lot and add a perimeter grass swale along the northern edge of lower parking lot. Direct drainage to stone lined swale. Construct a gravel wetland below the outlet of the new driveway culvert south of the lower driveway. Move fence back to keep cows outside of wetland. Install an educational sign in conjunction with the gravel wetland for farm visitors. Improve the stream buffer between the road and the property line on either side of the stream. The Morse Farm owner has expressed willingness to proceed with further design.