

# RCPP Project Packet



BERKSHIRE

Project ID: 10027

Project Acres: 5.16

HUC 12 Watershed

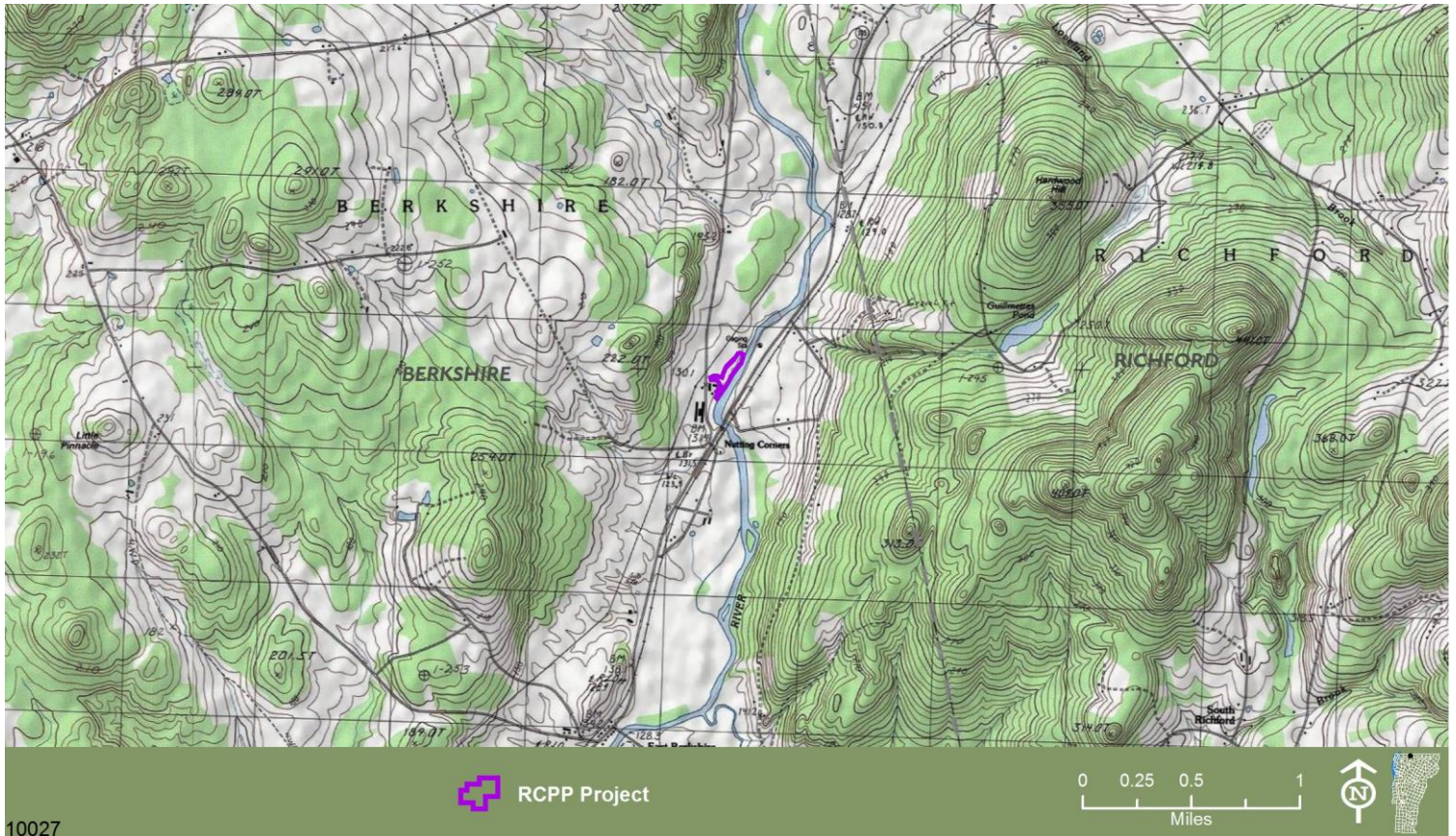
Subbasin

LAT: 44.95808

Watershed: Missisquoi River mainstem-Canada to Trout River

Missisquoi River

LONG: -72.69941



## Project Description

This approximately 5-acre site is located in the floodplain of the Missisquoi River. The Missisquoi River forms the eastern boundary of the site. The project area is not directly bordered by a public roadway.

## Project Landowners

RCPP ID	SPAN#	Town	Landowner Name	Landowner Address	Prj Acres	Prj %
25017	05701710069	Berkshire			5.13	99%

## Site Prioritization Information

Wshed Rank: overall rank within priority watershed Priority: Project selection code

Site- UniqueID	Site Watershed	Wshed Rank	Priority	Wgtd Size	Wgtd Pscore	Wgtd Flood	RCP Score
2998	Missisquoi Bay	98	2017_Missisquoi100	0.00	2.40	0.20	2.6

## Existing Conditions

**Existing Easements:**  FRPP  GRP  WRP  RCE  VLT  VLTO  PUBLIC

**Surface Water Present:**  Stream/River  Waterbody

The site is characterized as an active agricultural field in alternating hay/corn production. The majority of the site is mapped as hydric soils. There appears to be a small stream in the southern Project area, flowing in a southeasterly direction to the river. The river and small stream generally lack a naturally vegetated riparian buffer. There is a wide naturally vegetated riparian buffer to the north of the site.

## Restoration Potential

**Natural Communities Present:**  Shallow Emergent Marsh  Shrub Swamp  Flood Plain Forest  Forested Swamp

### Natural Community Comments

The landscape position along the Missisquoi River and the Limerick silt loam soils that characterize the site are likely conducive to reestablishing floodplain forest conditions. Low-lying areas within the floodplain forest could be restored to emergent marsh. Buffers associated with the stream could be restored to emergent marsh or shrub swamp.

### Potential Restoration Actions

- Remove Tile Drain  Remove Berm(s)  Plug Ditch(es)  Fill Ditch(es)  
 Excavate Depression  Channel Restoration  Floodplain Restoration  Plantings

### Hydrologic Alterations

Natural topographic depressions have likely been removed through site grading.

### Restoration Comments

The restoration site can be accessed via an agricultural road off of Marvin Road. The agricultural road accesses the southern project area. Restoration activities will include: establishing active riparian and stream buffer planting zones and excavation of depressions/scrapes.







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Approx. Parcel Boundary

Town Boundary



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