

CONTEXT MAP

VELCO St. Johnsbury Substation Project

Appendix A

MAP 1: AERIAL CONTEXT MAP

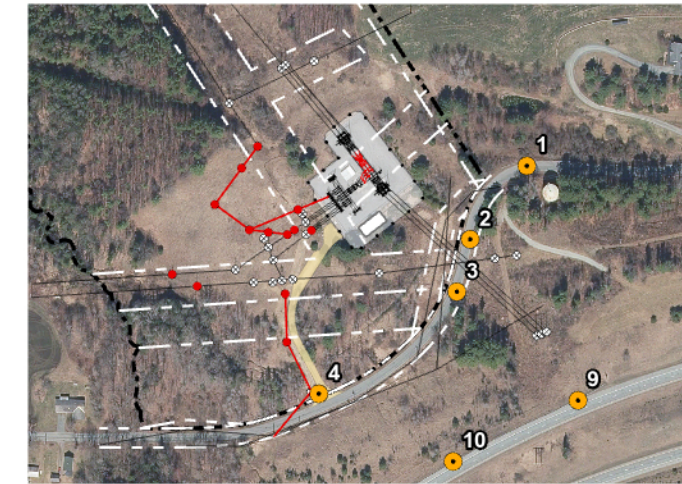
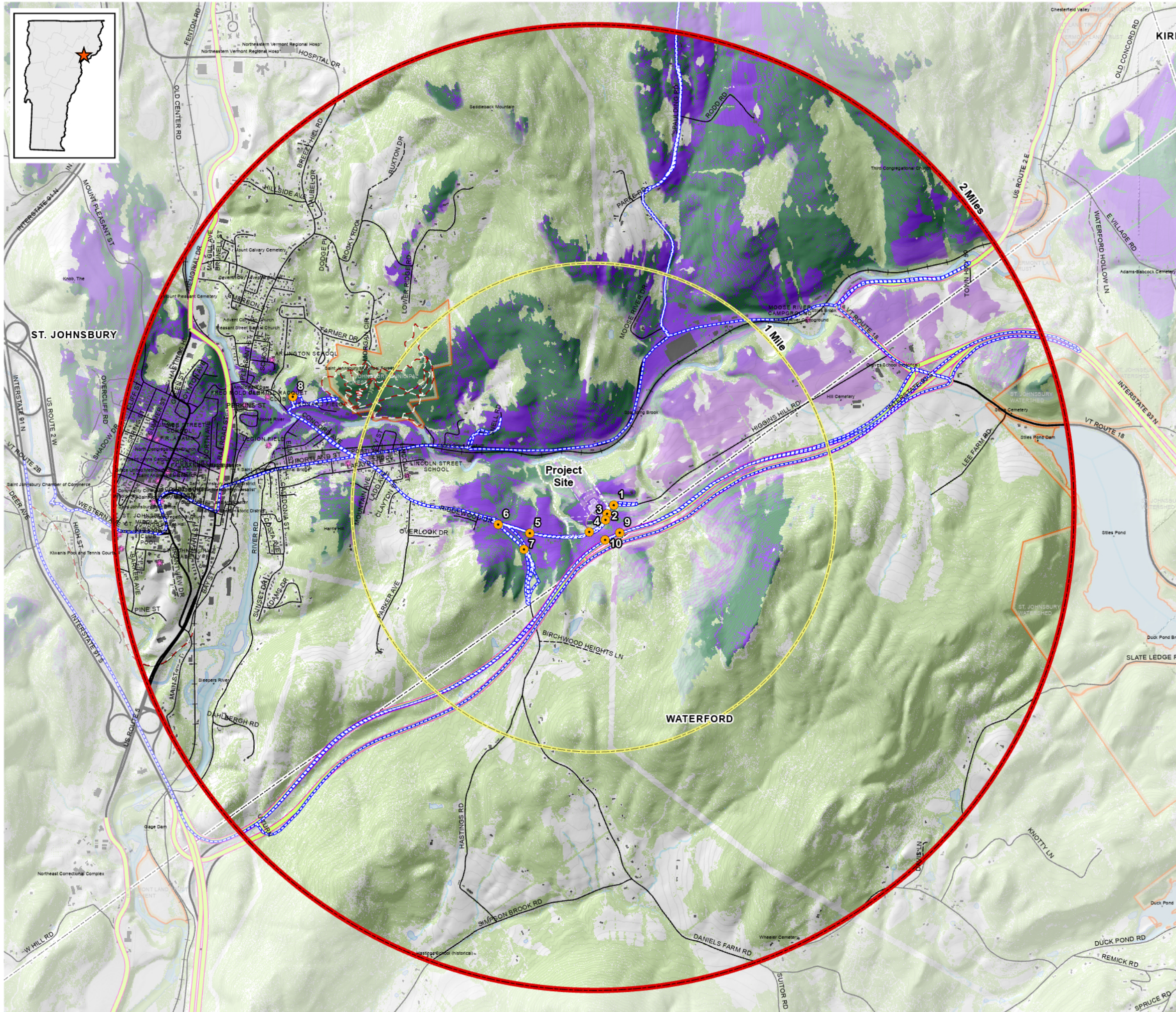
October 2023

LEGEND

- Viewpoint Location
- Landmarks
- Recreation Sites
- Inventory Route
- Vermont Scenic Byways and Highways
- Vermont Trails
- Railroads
- 1-Mile Radius
- Town Boundary
- Vermont Protected Lands
- Hydrology



Service Layer Credits: EGC_services/
MAP_VCGI_ALLIMAGERYCLR_SP_NOCACHE_v1: VCGI



SITE MAP

VELCO St. Johnsbury Substation Project

Appendix A

MAP 2: TERRAIN VIEWSHED MAP

[2-Mile Study Area]

October 2023

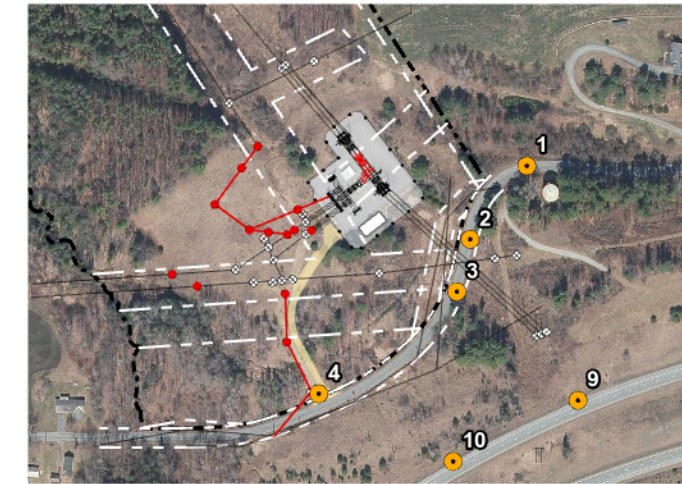
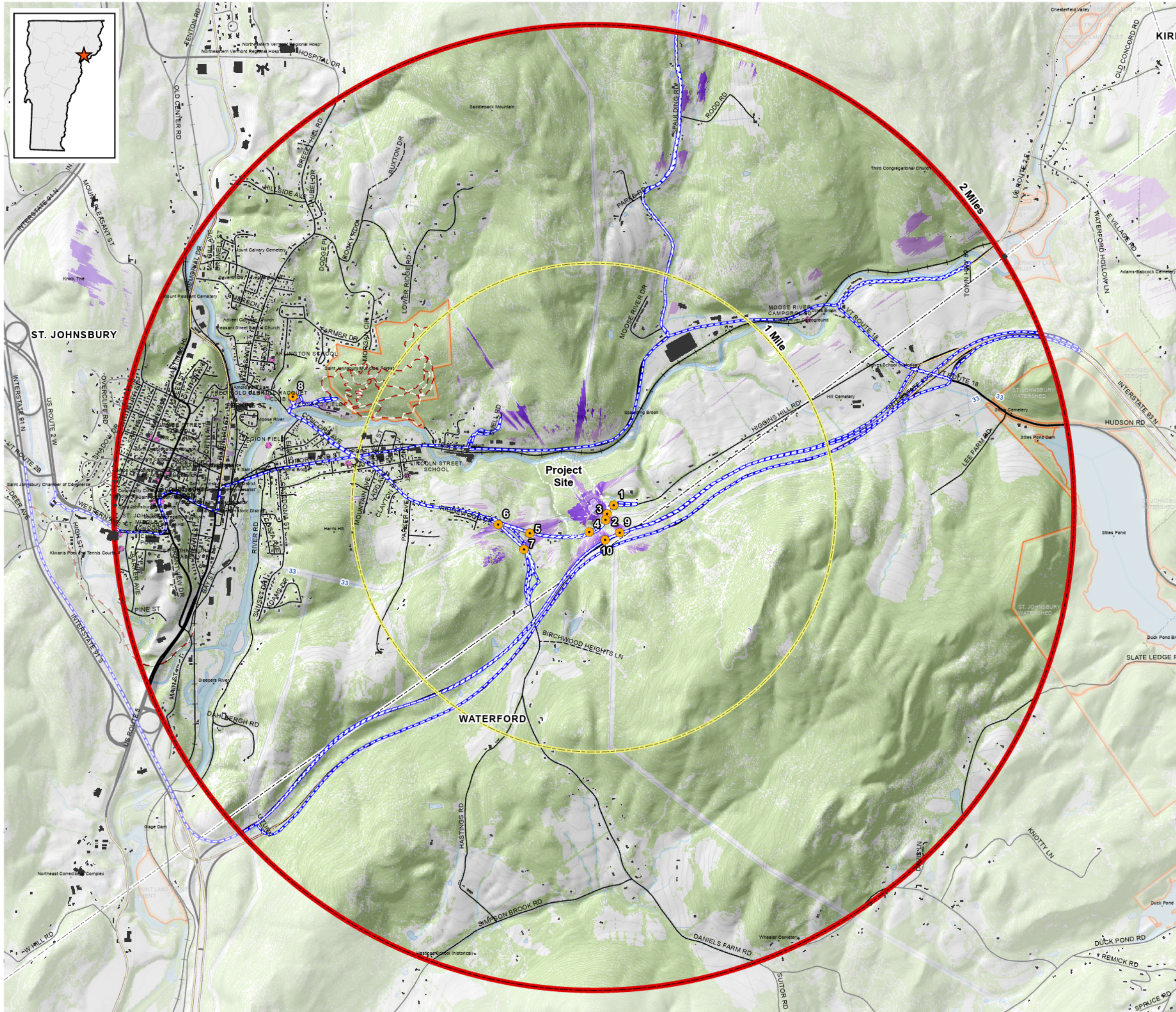
LEGEND

- Viewpoint Location
- Landmarks
- Recreation Sites
- Inventory Route
- Utility Lines
- 20' Contours
- Vermont Scenic Byways and Highways
- Vermont Trails
- Railroads
- 1-Mile Radius
- 2-Mile Study Area
- Town Boundary
- Hydrology
- Vermont Protected Lands
- Visibility within Non-Forested Areas
 - Low High
- Visibility within Forested Areas
 - Low High



GIS viewshed mapping is a preliminary means of visual analysis. While beneficial for preliminary orientation and investigation, because of data assumptions and omissions, viewshed maps are not a definitive indication of visibility. Potential visibility needs to be confirmed through field investigation and other visualization techniques.

Elevation data derived from LIDAR data and/or the National Elevation Dataset.



SITE MAP

VELCO St. Johnsbury Substation Project

Appendix A

MAP 3: VEGETATED VIEWSHED MAP

[2-Mile Study Area]

October 2023

LEGEND

- Viewpoint Location
- Landmarks
- Recreation Sites
- Inventory Route
- Utility Lines
- 20' Contours
- Vermont Scenic Byways and Highways
- Vermont Trails
- Railroads
- 1-Mile Radius
- 2-Mile Study Area
- Town Boundary
- Hydrology
- Vermont Protected Lands
- Visibility within Non-Forested Areas
Low High



GIS viewshed mapping is a preliminary means of visual analysis. While beneficial for preliminary orientation and investigation, because of data assumptions and omissions, viewshed maps are not a definitive indication of visibility. Potential visibility needs to be confirmed through field investigation and other visualization techniques.

Elevation and obstruction data derived from LIDAR data, aerial imagery, the National Elevation Dataset and the National Land Cover Database.