

Pilgrim Pipeline - Potential Impacts to Consider for Scoping

Rosendale Commission for the Conservation of the Environment members Danyelle Davis and Laura Heady, and former member Nava Tabak met on Saturday, April 9, 2016 to identify potential environmental impacts of the proposed Pilgrim Pipeline in the Town of Rosendale. They used the town's Natural Resources Inventory (NRI) geographic information system (GIS) to assess where town resources could be impacted along a 1000' corridor (500' on either side of the proposed pipeline). Note that the table below should be considered a preliminary evaluation for consideration in the scoping, based on the pipeline route provided in the DEIS, and using spatial data available in the NRI, which are not a substitute for on-the-ground assessment or more accurate knowledge of local site conditions.

Resource Category	Resource	Comments on Potential Impacts
Groundwater Resources	Unconsolidated Well Water Data	<i>unknown due to incomplete data</i>
	Unconsolidated Aquifer	9,000 ft of pipeline corridor overlies 3 mapped unconsolidated alluvial aquifers in the Rondout and Wallkill watersheds.
	Karst Aquifer Region	14,000 ft of pipeline corridor overlies mapped karst aquifer in northern third of town in the Rondout watershed.
	Hydrogeologic Sensitivity	Approximately 95% of the pipeline corridor overlies high or very high hydrogeologic sensitivity.
Surface Water Resources	Streams	The pipeline crosses the Wallkill River, Rondout Creek, and numerous tributaries, along with associated floodplains, and there are numerous tributaries in the pipeline corridor as well.
	Wetlands NWI	35 NWI wetlands (324 acres) are inside or intersect the corridor (i.e., over 300 acres of NWI wetland could be impacted).
	Wetlands DEC	4 DEC freshwater wetlands (74 acres) are inside or intersect the corridor (i.e., over 70 acres of DEC regulated wetlands could be impacted).
		Additional unmapped wetlands, including vernal pools, could be impacted.
Ecological Communities and Rare Species	New York Natural Heritage Program (NYNHP)	Some patches of a large, high-quality expanse of hemlock-northern hardwood forest in the northern part of the town could be impacted.
		The NYNHP data also indicated the corridor would pass through: <ul style="list-style-type: none"> - eastern portion of an Important Area for Rare Animals - Important Areas for Diadromous Fish (associated with Rondout and Wallkill) - Important Area for Palustrine Wetlands - Important Area for Northern Red Salamander
Protected Lands		More than half of a 93-acre conservation easement held by Wallkill Valley Land Trust could be impacted, as well the Wallkill Valley Rail Trail which is bisected by the corridor.
Historical Resources		Perrine's Bridge could be significantly impacted. LeFevre House is just within the the corridor and Freer House is just outside the corridor.
Agricultural Resources	Prime Soils	384 acres of prime farmland soils are in the corridor (more than 8200 ft of pipeline corridor overlies prime farmland soils) -- in a town with little prime farmland soil.