



## Section 19

### Flooding

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### 19.1 State Standards

Pursuant to the State's Site Law, applicants shall explain whether or not the proposed project will or will not increase flooding and provide a flood map depicting the project site.

### 19.2 Flooding Assessment

Project facilities are sited outside of flood-prone areas identified by Federal Emergency Management Agency ("FEMA") and the respective towns. The construction of turbine pads, erection of turbines, and installation of collection lines will not significantly impact the hydrology or runoff infiltration of the Project area. The construction of the Project will not increase flooding of downstream waterbodies or 100-year flood elevation.

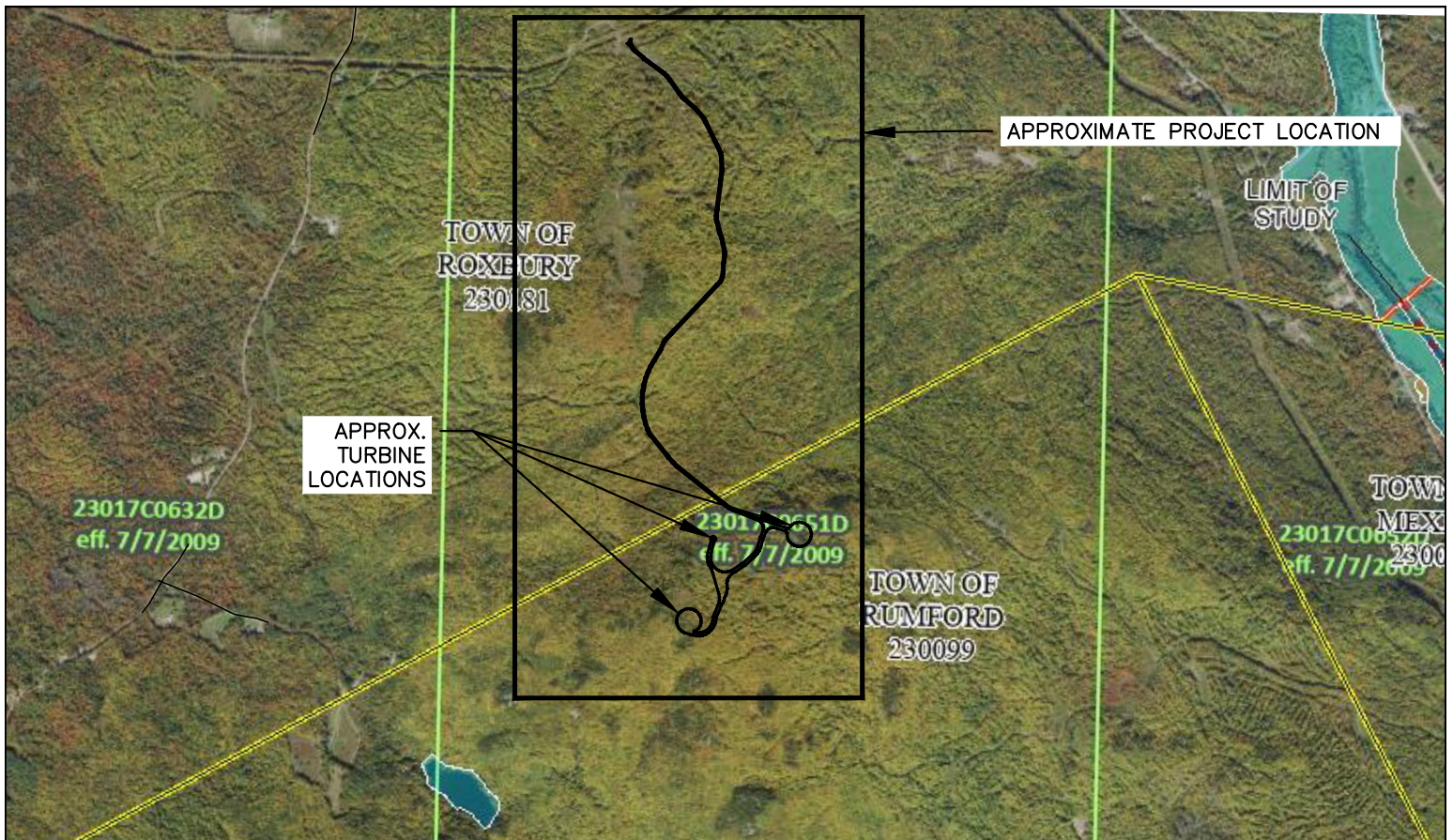
Based on the FEMA Flood Insurance Rate Maps ("FIRM"), no Project components will be constructed within any mapped 100-year floodplain.

See the attached FIRM Community Panel 23017C0651D showing the site in Exhibit 19-1.



Twin Energy LLC  
SLODA Permit Application

Exhibit 19-1  
FIRM Community Panel 23017C0651D



**PIN**

- Approximate location based on user input and does not represent an authoritative property location

**MAP PANELS**

- Selected FloodMap Boundary
- Digital Data Available
- No Digital Data Available
- Unmapped
- Area of Minimal Flood Hazard Zone X
- Effective LOMRs

**SPECIAL FLOOD HAZARD AREAS**

- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth
- Regulatory Floodway Zone AE, AO, AH, VE, AI

**OTHER AREAS OF**

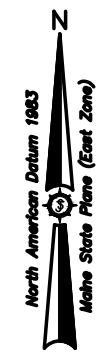
- 0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee. See Notes, Zone X

**OTHER FEATURES**

- Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

**GENERAL STRUCTURES**

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall



Project No. <b>381.21.01</b>		<b>WIND FARM DEVELOPMENT TWIN ENERGY, LLC.</b>	
Engineer	<b>ENGINEERING</b>	<b>SURVEYING</b>	
		Project Location	Date
		ROXBURY, ME	08/12/2022
<a href="http://www.sewall.com">www.sewall.com</a> 1 800 648 4202		Drawing Description	Scale:
		<b>FLOOD MAP</b>	NTS
		Drawn by	Checked by
		JAO	JAO