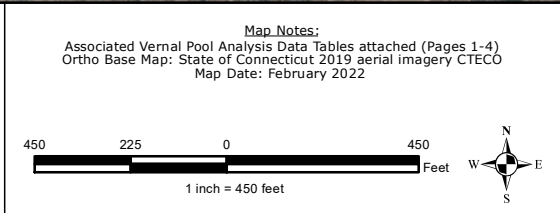


Legend		Habitat Type	
	Site		Developed
	Wetland Boundary		Forested
	100' Vernal Pool Envelope		Former Gravel Pit/Early Successional Forest/Scrub-Shrub
	100'-750' Critical Terrestrial Habitat		Open Field
	Vernal Pool		Wetland Resource
	Solar Module		
	Fence		
	Access Drive		
	Stormwater Feature		
	Limit of Disturbance		



Connecticut Siting Council Petition No. 1443A
Vernal Pool Analysis Map
SR North Stonington, LLC Solar Facility
Providence New London Turnpike
North Stonington, CT

Vernal Pool Analysis Data Table (1 of 4)

Vernal Pool 0 100' Vernal Pool Envelope: ± 1.2 acres 100'-750' Critical Terrestrial Habitat Area: ±42.8 acres		
No Impact to 100' Vernal Pool Envelope		
Developed	±0.0 acres	0%
Forested	±0.0 acres	0%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±1.2 acres	100%
Open Field	±0.0 acres	0%
Wetland Resource	±0.0 acres	0%
Proposed Existing 100' Vernal Pool Envelope		
Developed	n/a	n/a
Forested	n/a	n/a
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	n/a	n/a
Open Field	n/a	n/a
Wetland Resource	n/a	n/a
Existing Critical Terrestrial Habitat Areas:		
Developed	±1.5 acres	4%
Forested	±11.4 acres	26%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±28.6 acres	67%
Open Field	±0.5 acres	1%
Wetland Resource	±0.8 acres	2%
Proposed Critical Terrestrial Habitat Areas:		
Developed	±3.3 acres	8%
Forested	±9.8 acres	23%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±28.4 acres	66%
Open Field	±0.5 acres	1%
Wetland Resource	±0.8 acres	2%

Vernal Pool 1H 100' Vernal Pool Envelope: ±1.1 acres 100'-750' Critical Terrestrial Habitat Area: ±42.3 acres		
No Impact to 100' Vernal Pool Envelope		
Developed	±0.0 acres	0%
Forested	±0.0 acres	0%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±1.1 acres	100%
Open Field	±0.0 acres	0%
Wetland Resource	±0.0 acres	0%
Proposed Existing 100' Vernal Pool Envelope		
Developed	n/a	n/a
Forested	n/a	n/a
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	n/a	n/a
Open Field	n/a	n/a
Wetland Resource	n/a	n/a
Existing Critical Terrestrial Habitat Areas:		
Developed	±0.8 acres	2%
Forested	±14.2 acres	33%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±25.6 acres	61%
Open Field	±1.7 acres	4%
Wetland Resource	<0.1 acre	0%
Proposed Critical Terrestrial Habitat Areas:		
Developed	±8.1 acres	19%
Forested	±7.1 acres	17%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±25.4 acres	60%
Open Field	±1.7 acres	4%
Wetland Resource	<0.1 acre	30%

Vernal Pool H 100' Vernal Pool Envelope: ±1.0 acres 100'-750' Critical Terrestrial Habitat Area: ±41.7 acres		
No Impact to 100' Vernal Pool Envelope		
Developed	±0.0 acres	0%
Forested	<0.1 acre	0%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±1.0 acres	100%
Open Field	±0.0 acres	0%
Wetland Resource	±0.0 acres	0%
Proposed Existing 100' Vernal Pool Envelope		
Developed	n/a	n/a
Forested	n/a	n/a
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	n/a	n/a
Open Field	n/a	n/a
Wetland Resource	n/a	n/a
Existing Critical Terrestrial Habitat Areas:		
Developed	±0.9 acres	2%
Forested	±15.0 acres	36%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±23.7 acres	57%
Open Field	±2.0 acres	5%
Wetland Resource	±0.1 acres	<1%
Proposed Critical Terrestrial Habitat Areas:		
Developed	±8.4 acres	20%
Forested	±7.8 acres	19%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±23.4 acres	56%
Open Field	±2.0 acres	5%
Wetland Resource	±0.1 acres	<1%

Vernal Pool Analysis Data Table (2 of 4)

Vernal Pool E 100' Vernal Pool Envelope: ±1.5 acres 100'-750' Critical Terrestrial Habitat Area: ±44.0 acres		
No Impact to 100' Vernal Pool Envelope		
Developed	±0.0 acres	0%
Forested	±0.8 acres	53%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±0.0 acres	0%
Open Field	±0.0 acres	0%
Wetland Resource	±0.7 acres	47%
Proposed Existing 100' Vernal Pool Envelope		
Developed	n/a	n/a
Forested	n/a	n/a
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	n/a	n/a
Open Field	n/a	n/a
Wetland Resource	n/a	n/a
Existing Critical Terrestrial Habitat Areas:		
Developed	±1.3 acres	3%
Forested	±31.0 acres	70%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±8.7 acres	20%
Open Field	±0.9 acres	2%
Wetland Resource	±2.1 acres	5%
Proposed Critical Terrestrial Habitat Areas:		
Developed	±20.4 acres	46%
Forested	±12.3 acres	28%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±8.3 acres	19%
Open Field	±1.0 acres	2%
Wetland Resource	±2.0 acres	5%

Vernal Pool G 100' Vernal Pool Envelope: ±2.3 acres 100'-750' Critical Terrestrial Habitat Area: ±47.7 acres		
No Impact to 100' Vernal Pool Envelope		
Developed	±0.0 acres	0%
Forested	±0.1 acres	4%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±2.2 acres	96%
Open Field	±0.0 acres	0%
Wetland Resource	±0.0 acres	0%
Proposed Existing 100' Vernal Pool Envelope		
Developed	n/a	n/a
Forested	n/a	n/a
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	n/a	n/a
Open Field	n/a	n/a
Wetland Resource	n/a	n/a
Existing Critical Terrestrial Habitat Areas:		
Developed	±6.7 acres	14%
Forested	±22.5 acres	47%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±16.4 acres	34%
Open Field	±1.3 acres	3%
Wetland Resource	±0.8 acres	2%
Proposed Critical Terrestrial Habitat Areas:		
Developed	±11.3 acres	24%
Forested	±18.3 acres	38%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±16.0 acres	33%
Open Field	±1.3 acres	3%
Wetland Resource	±0.8 acres	2%

Vernal Pool 3E 100' Vernal Pool Envelope: ±1.0 acres 100'-750' Critical Terrestrial Habitat Area: ±41.6 acres		
No Impact to 100' Vernal Pool Envelope		
Developed	±0.0 acres	0%
Forested	±0.0 acres	0%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±1.0 acres	100%
Open Field	±0.0 acres	0%
Wetland Resource	±0.0 acres	0%
Proposed Existing 100' Vernal Pool Envelope		
Developed	n/a	n/a
Forested	n/a	n/a
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	n/a	n/a
Open Field	n/a	n/a
Wetland Resource	n/a	n/a
Existing Critical Terrestrial Habitat Areas:		
Developed	±1.5 acres	4%
Forested	±7.8 acres	19%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±31.6 acres	76%
Open Field	±0.5 acres	1%
Wetland Resource	±0.2 acres	<1%
Proposed Critical Terrestrial Habitat Areas:		
Developed	±1.6 acres	4%
Forested	±7.8 acres	19%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±31.5 acres	76%
Open Field	±0.5 acres	1%
Wetland Resource	±0.2 acres	<1%

Vernal Pool Analysis Data Table (3 of 4)

Vernal Pool C 100' Vernal Pool Envelope: ±1.0 acres 100'-750' Critical Terrestrial Habitat Area: ±41.3 acres		
No Impact to 100' Vernal Pool Envelope		
Developed	±0.0 acres	0%
Forested	±0.2 acres	20%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±0.8 acres	80%
Open Field	±0.0 acres	0%
Wetland Resource	±0.0 acres	0%
Proposed Existing 100' Vernal Pool Envelope		
Developed	n/a	n/a
Forested	n/a	n/a
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	n/a	n/a
Open Field	n/a	n/a
Wetland Resource	n/a	n/a
Existing Critical Terrestrial Habitat Areas:		
Developed	±7.5 acres	18%
Forested	±17.4 acres	42%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±13.5 acres	33%
Open Field	±2.3 acres	6%
Wetland Resource	±0.6 acres	1%
Proposed Critical Terrestrial Habitat Areas:		
Developed	±11.5 acres	28%
Forested	±13.9 acres	34%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±13.0 acres	31%
Open Field	±2.3 acres	6%
Wetland Resource	±0.6 acres	1%

Vernal Pool L 100' Vernal Pool Envelope: ±1.0 acres 100'-750' Critical Terrestrial Habitat Area: ±41.6 acres		
No Impact to 100' Vernal Pool Envelope		
Developed	±0.0 acres	0%
Forested	±0.0 acres	0%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±1.0 acres	100%
Open Field	±0.0 acres	0%
Wetland Resource	±0.0 acres	0%
Proposed Existing 100' Vernal Pool Envelope		
Developed	n/a	n/a
Forested	n/a	n/a
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	n/a	n/a
Open Field	n/a	n/a
Wetland Resource	n/a	n/a
Existing Critical Terrestrial Habitat Areas:		
Developed	<0.1 acre	0%
Forested	±5.8 acres	14%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±35.8 acres	86%
Open Field	±0.0 acres	0%
Wetland Resource	±0.0 acres	0%
Proposed Critical Terrestrial Habitat Areas:		
Developed	±2.4 acres	6%
Forested	±3.7 acres	9%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±35.5 acres	85%
Open Field	±0.0 acres	0%
Wetland Resource	±0.0 acres	0%

Vernal Pool Analysis Data Table (4 of 4)

Vernal Pool I		
100' Vernal Pool Envelope: ±1.0 acres		
100'-750' Critical Terrestrial Habitat Area: ±41.1 acres		
No Impact to 100' Vernal Pool Envelope		
Developed	±0.0 acres	0%
Forested	±0.0 acres	0%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±1.0 acres	100%
Open Field	±0.0 acres	0%
Wetland Resource	±0.0 acres	0%
Proposed Existing 100' Vernal Pool Envelope		
Developed	n/a	n/a
Forested	n/a	n/a
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	n/a	n/a
Open Field	n/a	n/a
Wetland Resource	n/a	n/a
Existing Critical Terrestrial Habitat Areas:		
Developed	±0.0 acres	0%
Forested	±23.5 acres	57%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±14.8 acres	36%
Open Field	±0.0 acres	0%
Wetland Resource	±2.8 acres	7%
Proposed Critical Terrestrial Habitat Areas:		
Developed	±12.0 acres	29%
Forested	±12.0 acres	29%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±14.3 acres	35%
Open Field	±0.0 acres	0%
Wetland Resource	±2.8 acres	7%

Vernal Pool N		
100' Vernal Pool Envelope: ±1.1 acres		
100'-750' Critical Terrestrial Habitat Area: ±42.2 acres		
No Impact to 100' Vernal Pool Envelope		
Developed	±0.0 acres	0%
Forested	±0.0 acres	0%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±1.1 acres	100%
Open Field	±0.0 acres	0%
Wetland Resource	±0.0 acres	0%
Proposed Existing 100' Vernal Pool Envelope		
Developed	n/a	n/a
Forested	n/a	n/a
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	n/a	n/a
Open Field	n/a	n/a
Wetland Resource	n/a	n/a
Existing Critical Terrestrial Habitat Areas:		
Developed	±0.0 acres	0%
Forested	±15.6 acres	37%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±26.5	63%
Open Field	±0.0 acres	0%
Wetland Resource	±0.1 acres	<1%
Proposed Critical Terrestrial Habitat Areas:		
Developed	±10.3 acres	24.0%
Forested	±5.5 acres	13.0%
Former Gravel Pit/Early Successional Forest/Scrub-Shrub	±26.3 acres	62.0%
Open Field	±0.0 acres	0.0%
Wetland Resource	±0.1 acres	<1%