



WETLAND INSPECTION

December 20, 2019

APT Project No.: CT590170

Prepared For: Verogy
150 Trumbull Street, 4th Floor
Hartford, CT 06103
Attn: Steven DeNino, COO

Site Name: Southington Solar One

Site Address: 1012 East Street, Southington, Connecticut

Date(s) of Investigation: 11/26/19, 11/27/19, 11/30/19, 12/12/19

Field Conditions: **Soil Moisture:** dry to moist

Wetland/Watercourse Delineation Methodology*:

- Connecticut Inland Wetlands and Watercourses
- Connecticut Tidal Wetlands
- Massachusetts Wetlands
- U.S. Army Corps of Engineers

Municipal Upland Review Area:

Wetlands: 50 feet
Vernal Pool: 200 feet
Watercourses: 50 feet Intermittent; 100 feet Perennial

The wetlands inspection was performed under the direction of[†]:

A handwritten signature in blue ink that reads "Dean Gustafson".

Dean Gustafson, Professional Soil Scientist

Enclosures: Wetland Delineation Field Forms & Wetland Inspection Map

This report is provided as a brief summary of findings from APT's wetland investigation of the referenced Study Area that consists of proposed development activities and areas generally within 200 feet.[‡] If applicable, APT is available to provide a more comprehensive wetland impact analysis upon receipt of site plans depicting the proposed development activities and surveyed location of identified wetland and watercourse resources.

* Wetlands and watercourses were delineated in accordance with applicable local, state and federal statutes, regulations and guidance.

† All established wetlands boundary lines are subject to change until officially adopted by local, state, or federal regulatory agencies.

‡ APT has relied upon the accuracy of information provided by Verogy and its contractors regarding proposed solar facility and access road/utility interconnection locations for identifying wetlands and watercourses within the study area.

Attachments

- Wetland Delineation Field Forms
- Wetland Inspection Map

Wetland Delineation Field Form

Wetland I.D.:	Wetland 1	
Flag #'s:	WF 1-01 to 1-10	
Flag Location Method:	Site Sketch <input checked="" type="checkbox"/>	GPS (sub-meter) located <input checked="" type="checkbox"/>

WETLAND HYDROLOGY:

NONTIDAL

Intermittently Flooded <input type="checkbox"/>	Artificially Flooded <input type="checkbox"/>	Permanently Flooded <input checked="" type="checkbox"/>
Semipermanently Flooded <input checked="" type="checkbox"/>	Seasonally Flooded <input type="checkbox"/>	Temporarily Flooded <input type="checkbox"/>
Permanently Saturated <input type="checkbox"/>	Seasonally Saturated – seepage <input type="checkbox"/>	Seasonally Saturated - perched <input type="checkbox"/>
Comments: As this feature primarily consists of an open water pond, the hydrology is permanently flooded with semi permanently flooded margins.		

TIDAL

Subtidal <input type="checkbox"/>	Regularly Flooded <input type="checkbox"/>	Irregularly Flooded <input type="checkbox"/>
Irregularly Flooded <input type="checkbox"/>		
Comments: None		

WETLAND TYPE:

SYSTEM:

Estuarine <input type="checkbox"/>	Riverine <input type="checkbox"/>	Palustrine <input checked="" type="checkbox"/>
Lacustrine <input type="checkbox"/>	Marine <input type="checkbox"/>	
Comments: None		

CLASS:

Emergent <input checked="" type="checkbox"/>	Scrub-shrub <input checked="" type="checkbox"/>	Forested <input checked="" type="checkbox"/>
Open Water <input checked="" type="checkbox"/>	Disturbed <input type="checkbox"/>	Wet Meadow <input type="checkbox"/>
Comments: This wetland is dominated by an interior open water feature with scrub/shrub and emergent edges and narrow bordering forested habitats in isolated locations.		

WATERCOURSE TYPE:

Perennial <input type="checkbox"/>	Intermittent <input type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: None		
Comments: None		

Wetland Delineation Field Form (Cont.)

SPECIAL AQUATIC HABITAT:

Vernal Pool Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potential <input type="checkbox"/>	Other <input type="checkbox"/>
Vernal Pool Habitat Type: None	
Comments: This open water resource is permanently flooded and as such does not meet the standards for a vernal pool habitat.	

SOILS:

Are field identified soils consistent with NRCS mapped soils?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If no, describe field identified soils		

DOMINANT PLANTS:

Highbush Blueberry (<i>Vaccinium corymbosum</i>)	Woolgrass (<i>Scirpus cyperinus</i>)
Black Gum (<i>Nyssa sylvatica</i>)	Sweet Pepperbush (<i>Clethra alnifolia</i>)
Winterberry (<i>Ilex verticillata</i>)	Meadowsweet (<i>Spiraea latifolia</i>)
Red Maple (<i>Acer rubrum</i>)	

* denotes Connecticut Invasive Species Council invasive plant species

GENERAL COMMENTS:

Verogy is proposing the construction of a solar energy generation facility to be generally located within an existing open field located in the central portion of the subject property. Five wetland resources were identified within and proximate to the proposed development area. An existing access road currently provides access to this open field off East Street. This road contains several existing wetland crossings in proximity to Wetlands 3, 4, 5, and 6. As such, it is recommended that a wetland impact analysis be performed under separate cover once the site plan for the proposed development has been finalized in order to evaluate possible impacts to these wetland resource areas.

Wetland 1 is located largely offsite to the far southwest corner of the subject property. This wetland consists of a permanent pond, bordered by scrub-shrub wetlands with a narrow palustrine forested fringe in certain areas. This wetland generally drains south.

Wetland Delineation Field Form

Wetland I.D.:	Wetland 2	
Flag #'s:	WF 2-01 to 2-09	
Flag Location Method:	Site Sketch <input checked="" type="checkbox"/>	GPS (sub-meter) located <input checked="" type="checkbox"/>

WETLAND HYDROLOGY:

NONTIDAL

Intermittently Flooded <input type="checkbox"/>	Artificially Flooded <input type="checkbox"/>	Permanently Flooded <input type="checkbox"/>
Semipermanently Flooded <input type="checkbox"/>	Seasonally Flooded <input checked="" type="checkbox"/>	Temporarily Flooded <input type="checkbox"/>
Permanently Saturated <input checked="" type="checkbox"/>	Seasonally Saturated – seepage <input type="checkbox"/>	Seasonally Saturated - perched <input type="checkbox"/>
Comments: Wetland 2 is located within an isolated depression with seasonal flooding.		

TIDAL

Subtidal <input type="checkbox"/>	Regularly Flooded <input type="checkbox"/>	Irregularly Flooded <input type="checkbox"/>
Irregularly Flooded <input type="checkbox"/>		
Comments: None		

WETLAND TYPE:

SYSTEM:

Estuarine <input type="checkbox"/>	Riverine <input type="checkbox"/>	Palustrine <input checked="" type="checkbox"/>
Lacustrine <input type="checkbox"/>	Marine <input type="checkbox"/>	
Comments: None		

CLASS:

Emergent <input type="checkbox"/>	Scrub-shrub <input checked="" type="checkbox"/>	Forested <input type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input type="checkbox"/>	Wet Meadow <input type="checkbox"/>
Comments: None		

WATERCOURSE TYPE:

Perennial <input type="checkbox"/>	Intermittent <input type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: None		
Comments: None		

Wetland Delineation Field Form (Cont.)

SPECIAL AQUATIC HABITAT:

Vernal Pool: Yes <input type="checkbox"/> No <input type="checkbox"/> Potential <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
Vernal Pool Habitat Type: 'Classic'	
Comments: Wetland 2 entirely consists of a seasonally flooded depression that has the potential to support vernal pool breeding habitat. As such, it is suggested that a formal vernal pool assessment be performed in the spring of 2020.	

SOILS:

Are field identified soils consistent with NRCS mapped soils?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If no, describe field identified soils		

DOMINANT PLANTS:

Red Maple (<i>Acer rubrum</i>)	Highbush Blueberry (<i>Vaccinium corymbosum</i>)
Winterberry (<i>Ilex verticillata</i>)	

* denotes Connecticut Invasive Species Council invasive plant species

GENERAL COMMENTS:

<p>Verogy is proposing the construction of a solar energy generation facility to be generally located within an existing open field located in the central portion of the subject property. Five wetland resources were identified within and proximate to the proposed development area. An existing access road currently provides access to this open field off East Street. This road contains several existing wetlands crossing in proximity to Wetlands 3, 4, 5, and 6. As such, it is recommended that a wetland impact analysis be performed under separate cover once the site plan for the proposed development has been finalized in order to evaluate possible impacts to these wetland resource areas.</p> <p>Wetland 2 consists of a scrub/shrub dominated swamp (primarily open tree canopy) and interior potential vernal pool. Wetland 2 is located along the far northwestern property boundary with abutting residences to the east and west.</p>

Wetland Delineation Field Form

Wetland I.D.:	Wetland 3	
Flag #'s:	WF 3-01 to 3-69 and WF 3-70 to 3-147	
Flag Location Method:	Site Sketch <input checked="" type="checkbox"/>	GPS (sub-meter) located <input checked="" type="checkbox"/>

WETLAND HYDROLOGY:

NONTIDAL

Intermittently Flooded <input checked="" type="checkbox"/>	Artificially Flooded <input type="checkbox"/>	Permanently Flooded <input checked="" type="checkbox"/>
Semipermanently Flooded <input type="checkbox"/>	Seasonally Flooded <input checked="" type="checkbox"/>	Temporarily Flooded <input type="checkbox"/>
Permanently Saturated <input checked="" type="checkbox"/>	Seasonally Saturated – seepage <input type="checkbox"/>	Seasonally Saturated - perched <input type="checkbox"/>
Comments: Areas adjacent to the watercourse contain intermittently flooded and seasonally flooded areas with some backwater depressional wetland areas consisting of permanently flooded areas.		

TIDAL

Subtidal <input type="checkbox"/>	Regularly Flooded <input type="checkbox"/>	Irregularly Flooded <input type="checkbox"/>
Irregularly Flooded <input type="checkbox"/>		
Comments: None		

WETLAND TYPE:

SYSTEM:

Estuarine <input type="checkbox"/>	Riverine <input type="checkbox"/>	Palustrine <input checked="" type="checkbox"/>
Lacustrine <input type="checkbox"/>	Marine <input type="checkbox"/>	
Comments: None		

CLASS:

Emergent <input type="checkbox"/>	Scrub-shrub <input checked="" type="checkbox"/>	Forested <input checked="" type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input type="checkbox"/>	Wet Meadow <input type="checkbox"/>
Comments: Transitional areas from the open field's edge of clearing to the interior forested core wetland consists of scrub/shrub habitats.		

WATERCOURSE TYPE:

Perennial <input checked="" type="checkbox"/>	Intermittent <input type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: Misery Brook		
Comments: None		

Wetland Delineation Field Form (Cont.)

SPECIAL AQUATIC HABITAT:

Vernal Pool Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potential <input type="checkbox"/>	Other <input type="checkbox"/>
Vernal Pool Habitat Type: None	
Comments: None	

SOILS:

Are field identified soils consistent with NRCS mapped soils?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If no, describe field identified soils		

DOMINANT PLANTS:

Red Maple (<i>Acer rubrum</i>)	Royal Fern (<i>Osmunda regalis</i>)
Silky Dogwood (<i>Cornus amomum</i>)	Spicebush (<i>Lindera benzoin</i>)
Winterberry (<i>Ilex verticillata</i>)	Cinnamon Fern (<i>Osmunda cinnamomea</i>)

* denotes Connecticut Invasive Species Council invasive plant species

GENERAL COMMENTS:

Verogy is proposing the construction of a solar energy generation facility to be generally located within an existing open field located in the central portion of the subject property. Five wetland resources were identified within and proximate to the proposed development area. An existing access road currently provides access to this open field off East Street. This road contains several existing wetlands crossing in proximity to Wetlands 3, 4, 5, and 6. As such, it is recommended that a wetland impact analysis be performed under separate cover once the site plan for the proposed development has been finalized in order to evaluate possible impacts to these wetland resource areas.

Wetland 3 consists of a shrub swamp/forested wetland associated with Misery Brook. Bordering wetlands to Misery Brook occur in the northeast and central-east portions of the subject property. The wetland contains relatively open tree canopy from WF 3-01 to 3-14 along Misery Brook where scrub/shrub wetland habitat dominates. Misery Brook within the property has low gradient flows, meandering flow path, with low vertical banks.

Wetland Delineation Field Form

Wetland I.D.:	Wetland 4	
Flag #'s:	WF 4-01 to 4-52	
Flag Location Method:	Site Sketch <input checked="" type="checkbox"/>	GPS (sub-meter) located <input checked="" type="checkbox"/>

WETLAND HYDROLOGY:

NONTIDAL

Intermittently Flooded <input checked="" type="checkbox"/>	Artificially Flooded <input type="checkbox"/>	Permanently Flooded <input checked="" type="checkbox"/>
Semipermanently Flooded <input type="checkbox"/>	Seasonally Flooded <input checked="" type="checkbox"/>	Temporarily Flooded <input type="checkbox"/>
Permanently Saturated <input type="checkbox"/>	Seasonally Saturated – seepage <input checked="" type="checkbox"/>	Seasonally Saturated - perched <input type="checkbox"/>
Comments: Areas within and bordering the potential vernal pool depressional area contain permanently and seasonally flooded areas with bordering seasonally saturated areas resulting from seepage.		

TIDAL

Subtidal <input type="checkbox"/>	Regularly Flooded <input type="checkbox"/>	Irregularly Flooded <input type="checkbox"/>
Irregularly Flooded <input type="checkbox"/>		
Comments: None		

WETLAND TYPE:

SYSTEM:

Estuarine <input type="checkbox"/>	Riverine <input type="checkbox"/>	Palustrine <input checked="" type="checkbox"/>
Lacustrine <input type="checkbox"/>	Marine <input type="checkbox"/>	
Comments: None		

CLASS:

Emergent <input checked="" type="checkbox"/>	Scrub-shrub <input checked="" type="checkbox"/>	Forested <input checked="" type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input type="checkbox"/>	Wet Meadow <input type="checkbox"/>
Comments: Wetland 3 is dominated by wetland forested habitats, with transitional scrub/shrub and emergent habitats present along the peripheries where historic/routine clearing activities have occurred.		

WATERCOURSE TYPE:

Perennial <input checked="" type="checkbox"/>	Intermittent <input type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: Unnamed tributary to Misery Brook		
Comments: None		

Wetland Delineation Field Form (Cont.)

SPECIAL AQUATIC HABITAT:

Vernal Pool Yes <input type="checkbox"/> No <input type="checkbox"/> Potential <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
Vernal Pool Habitat Type: 'Cryptic'	
Comments: A seasonally flooded depression, possibly a historic farm pond, is located in the southern portion of Wetland 4 that has the potential to support vernal pool breeding habitat. As such, it is suggested that a formal vernal pool assessment be performed in the spring of 2020.	

SOILS:

Are field identified soils consistent with NRCS mapped soils?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If no, describe field identified soils		

DOMINANT PLANTS:

Red Maple (<i>Acer rubrum</i>)	Reed Canarygrass* (<i>Phalaris arundinacea</i>)
Spicebush (<i>Lindera benzoin</i>)	Purple Loosestrife* (<i>Lythrum salicaria</i>)
Cinnamon Fern (<i>Osmunda cinnamomea</i>)	Highbush Blueberry (<i>Vaccinium corymbosum</i>)
Tussock Sedge (<i>Carex stricta</i>)	

* denotes Connecticut Invasive Species Council invasive plant species

GENERAL COMMENTS:

<p>Verogy is proposing the construction of a solar energy generation facility to be generally located within an existing open field located in the central portion of the subject property. Five wetland resources were identified within and proximate to the proposed development area. An existing access road currently provides access to this open field off East Street. This road contains several existing wetlands crossing in proximity to Wetlands 3, 4, 5, and 6. As such, it is recommended that a wetland impact analysis be performed under separate cover once the site plan for the proposed development has been finalized in order to evaluate possible impacts to these wetland resource areas.</p> <p>Wetland 4 consists of a wooded swamp with an embedded perennial stream that drains north to Misery Brook. The wetland includes emergent, scrub-shrub and forested cover types located adjacent to residential properties to the east and open agricultural fields to the west. An existing farm road to the north bisects Wetland 4 from Wetland 3.</p>

Wetland Delineation Field Form

Wetland I.D.:	Wetland 5	
Flag #'s:	WF 5-01 to 5-11	
Flag Location Method:	Site Sketch <input checked="" type="checkbox"/>	GPS (sub-meter) located <input checked="" type="checkbox"/>

WETLAND HYDROLOGY:

NONTIDAL

Intermittently Flooded <input type="checkbox"/>	Artificially Flooded <input type="checkbox"/>	Permanently Flooded <input type="checkbox"/>
Semipermanently Flooded <input type="checkbox"/>	Seasonally Flooded <input type="checkbox"/>	Temporarily Flooded <input checked="" type="checkbox"/>
Permanently Saturated <input type="checkbox"/>	Seasonally Saturated – seepage <input type="checkbox"/>	Seasonally Saturated - perched <input checked="" type="checkbox"/>
Comments: Wetland 5 consists of seasonal saturation caused by a compacted subsurface resulting in artificially perched hydrology.		

TIDAL

Subtidal <input type="checkbox"/>	Regularly Flooded <input type="checkbox"/>	Irregularly Flooded <input type="checkbox"/>
Irregularly Flooded <input type="checkbox"/>		
Comments: None		

WETLAND TYPE:

SYSTEM:

Estuarine <input type="checkbox"/>	Riverine <input type="checkbox"/>	Palustrine <input checked="" type="checkbox"/>
Lacustrine <input type="checkbox"/>	Marine <input type="checkbox"/>	
Comments: None		

CLASS:

Emergent <input type="checkbox"/>	Scrub-shrub <input checked="" type="checkbox"/>	Forested <input type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input checked="" type="checkbox"/>	Wet Meadow <input type="checkbox"/>
Comments: As a result of historic and regular vegetation management dominant vegetation primarily consist of scrub/shrub.		

WATERCOURSE TYPE:

Perennial <input type="checkbox"/>	Intermittent <input type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: None		
Comments: None		

Wetland Delineation Field Form (Cont.)

SPECIAL AQUATIC HABITAT:

Vernal Pool Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potential <input type="checkbox"/>	Other <input type="checkbox"/>
Vernal Pool Habitat Type: None	
Comments: None	

SOILS:

Are field identified soils consistent with NRCS mapped soils?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If no, describe field identified soils: Aquents land type		

DOMINANT PLANTS:

Silky Dogwood (<i>Cornus amomum</i>)	Reed Canarygrass* (<i>Phalaris arundinacea</i>)
Common Reed* (<i>Phragmites australis</i>)	Spicebush (<i>Lindera benzoin</i>)

* denotes Connecticut Invasive Species Council invasive plant species

GENERAL COMMENTS:

<p>Verogy is proposing the construction of a solar energy generation facility to be generally located within an existing open field located in the central portion of the subject property. Five wetland resources were identified within and proximate to the proposed development area. An existing access road currently provides access to this open field off East Street. This road contains several existing wetlands crossing in proximity to Wetlands 3, 4, 5, and 6. As such, it is recommended that a wetland impact analysis be performed under separate cover once the site plan for the proposed development has been finalized in order to evaluate possible impacts to these wetland resource areas.</p> <p>Wetland 5 consists of an artificially constructed roadside swale/wetland bordering the existing farm road. This wetland receives overland flow from adjacent areas including the access road and due to the compacted subsurface results in wetland hydrology.</p>
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Wetland Delineation Field Form

Wetland I.D.:	Wetland 6	
Flag #'s:	WF 6-01 to 6-77	
Flag Location Method:	Site Sketch <input checked="" type="checkbox"/>	GPS (sub-meter) located <input checked="" type="checkbox"/>

WETLAND HYDROLOGY:

NONTIDAL

Intermittently Flooded <input type="checkbox"/>	Artificially Flooded <input type="checkbox"/>	Permanently Flooded <input checked="" type="checkbox"/>
Semipermanently Flooded <input type="checkbox"/>	Seasonally Flooded <input checked="" type="checkbox"/>	Temporarily Flooded <input type="checkbox"/>
Permanently Saturated <input checked="" type="checkbox"/>	Seasonally Saturated – seepage <input checked="" type="checkbox"/>	Seasonally Saturated - perched <input type="checkbox"/>
Comments: Areas bordering an interior watercourse consist of seasonal and permanent flooding with feeder hillside seepage areas.		

TIDAL

Subtidal <input type="checkbox"/>	Regularly Flooded <input type="checkbox"/>	Irregularly Flooded <input type="checkbox"/>
Irregularly Flooded <input type="checkbox"/>		
Comments: None		

WETLAND TYPE:

SYSTEM:

Estuarine <input type="checkbox"/>	Riverine <input type="checkbox"/>	Palustrine <input checked="" type="checkbox"/>
Lacustrine <input type="checkbox"/>	Marine <input type="checkbox"/>	
Comments: None		

CLASS:

Emergent <input checked="" type="checkbox"/>	Scrub-shrub <input checked="" type="checkbox"/>	Forested <input checked="" type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input type="checkbox"/>	Wet Meadow <input type="checkbox"/>
Comments: None		

WATERCOURSE TYPE:

Perennial <input type="checkbox"/>	Intermittent <input checked="" type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: Unnamed tributary to Misery Brook		
Comments: None		

Wetland Delineation Field Form (Cont.)

SPECIAL AQUATIC HABITAT:

Vernal Pool Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potential <input type="checkbox"/>	Other <input type="checkbox"/>
Vernal Pool Habitat Type: 'Cryptic'	
Comments: Wetland 6 contains an area with a seasonally flooded depression located in the far southern extents of the onsite resource that has the potential to support vernal pool breeding habitat. During a preliminary investigation of the property in May 2019, wood frog tadpoles were observed within this vernal pool resource. Despite confirming vernal pool breeding activity during a preliminary investigation, it is suggested that a formal vernal pool assessment be performed in the spring of 2020 in order to develop a more comprehensive biological assessment of vernal pool indicator species.	

SOILS:

Are field identified soils consistent with NRCS mapped soils?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If no, describe field identified soils: soils present include the NRCS mapped Raypol series, but the wetland also includes very poorly drained Scarboro series		

DOMINANT PLANTS:

Red Maple (<i>Acer rubrum</i>)	Silky Dogwood (<i>Cornus amomum</i>)
Highbush Blueberry (<i>Vaccinium corymbosum</i>)	Spicebush (<i>Lindera benzoin</i>)
Winterberry (<i>Ilex verticillata</i>)	

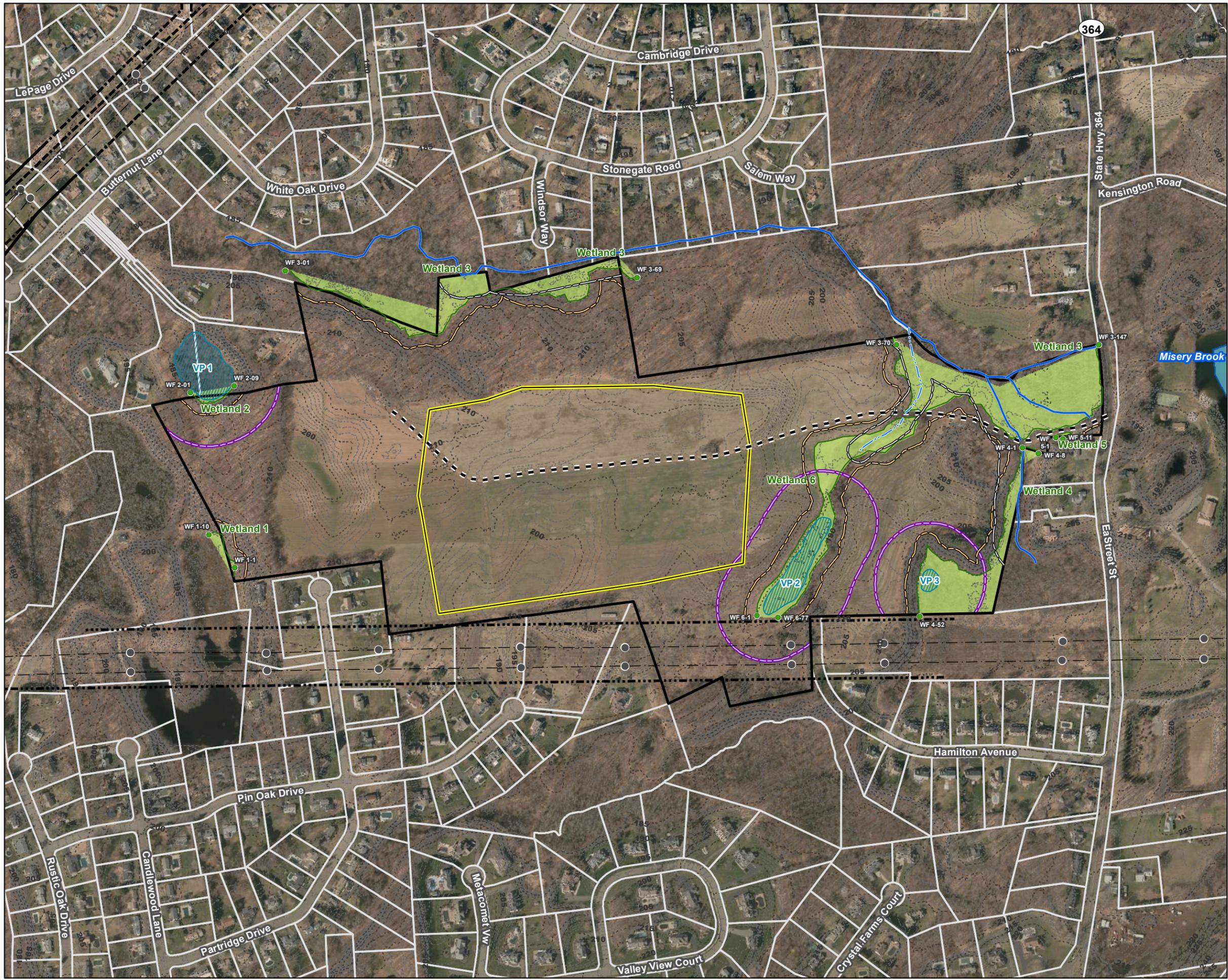
* denotes Connecticut Invasive Species Council invasive plant species

GENERAL COMMENTS:

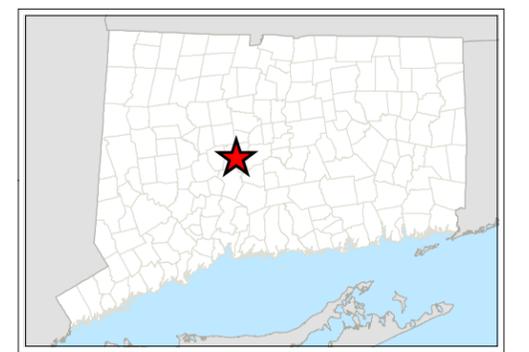
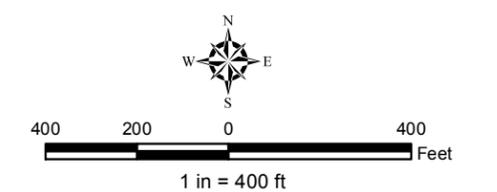
Verogy is proposing the construction of a solar energy generation facility to be generally located within an existing open field located in the central portion of the subject property. Five wetland resources were identified within and proximate to the proposed development area. An existing access road currently provides access to this open field off East Street. This road contains several existing wetlands crossing in proximity to Wetlands 3, 4, 5, and 6. As such, it is recommended that a wetland impact analysis be performed under separate cover once the site plan for the proposed development has been finalized in order to evaluate possible impacts to these wetland resource areas.

Wetland 6 is predominately forested, but also extends into the adjacent agricultural field, particularly on the west side of the wetland with these margins dominated by emergent vegetation. Wetland drains from southwest (Eversource transmission line right-of-way) to northeast eventually draining to a 12" culvert providing conveyance under the existing gravel access road. This wetland is generally characterized as a low-gradient system, particularly where vernal pool is located; hummocks are common throughout this portion of wetland. Invasive species are common along the wetland boundary in the adjacent uplands, where it abuts agricultural areas, including multiflora rose, winged euonymus, autumn olive, and vine honeysuckle.

Wetland Inspection Map
 Proposed Solar Facility - Southington Solar One
 1012 East Street
 Southington, Connecticut



- Legend**
- Site
 - Approximate Parcel Boundary (CTDEEP)
 - Project Location
 - Access
 - Delineated Wetlands Flags
 - Delineated Wetland Boundary
 - Delineated Wetlands Area
 - Approx. Wetland Boundary
 - 50' Wetland Upland Review Area
 - Potential Vernal Pool
 - 200' Potential Vernal Pool Buffer
 - Perennial Stream
 - Intermittent Stream
 - 100' Watercourse Upland Review Area
 - Open Water (CTDEEP)
 - 5' Contours (CTECO)
 - 1' Contours (CTECO)
 - Utility ROW
 - Transmission Line Structures
 - Transmission Line



Map Sources:
 Ortho Base Map: CT ECO 2016 Aerial Imagery
 Elevation contours derived from 2016 LiDAR data provided by CTECO
 Wetlands field delineated by:
 Eric Davidson, Registered Soil Scientist,
 Date: 11/26/19, 11/27/19, 11/30/19, 12/xx/19

CTDEEP's data library (<http://www.ct.gov/deep>)
 Data layers are maintained and updated by CTDEEP and represent the most recent publications.
 Map Date: December 2019