# Wetland and Watercourse Delineation Report

#### For KCE CT 5 Battery Energy Storage System Project Willington and Stafford, Connecticut





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### June 2, 2023

# Table of Contents

| 1.0 Project Setting     | 1      |
|-------------------------|--------|
| 2.0 Soils               | 1      |
| 2.0 Water Persources    | -<br>2 |
|                         | 2      |
| 3.2 Watercourses        | 2      |
| 4.0 Vernal Pool Surveys | 1      |

#### ATTACHMENTS

ATTACHMENT 1- Figures ATTACHMENT 2 - Site Photographs ATTACHMENT 3 - CAWS Vernal Pool Monitoring Data Forms



### 1.0 Project Setting

The proposed KCE CT 5 Battery Energy Storage System (BESS) project (Project) is located in the towns of Willington and Stafford, Tolland County, Connecticut. The Project is within the watershed of the Willimantic River.

To support avoidance and minimization of potential impacts to protected natural resources, Flycatcher LLC (Flycatcher) completed agency consultation, desktop review, and on-site surveys to evaluate for the presence of sensitive resources and to inform the Project design and development. This includes a wetland and watercourse delineation and vernal pool survey. Field surveys were completed on November 18 and February 6, 2022, and on April 4, 2023.

The Project's Survey Area is approximately 14 acres and covers two parcels located between Blair Road and Village Hill Road (Figure 1, Attachment 1). The majority of the Survey Area is located within Willington; however, a portion of this area occurs to the north, just over the town line in Stafford. The eastern quarter of the property is developed by a farm, farmhouse, drive, and associated fields. The remainder of the property is forested and consists of second growth, mixed woods with upland and wetland habitats. An older haul road runs from the eastern side of the Survey Area in the agricultural field and through a forested portion of the site to the west, and then turns south to cross a stream and continues south, off site.

Topography onsite is highest and relatively flat within the eastern most quarter of the site and then slopes down towards Blair Road. The National Wetlands Inventory shows no wetlands or watercourses within the site.

### 2.0 Soils

The Natural Resources Conservation Service (NRCS) medium intensity soil survey for Tolland County shows the following map units depicted within the Survey Area:

- Canton and Charlton fine sandy loams, 8 to 15 percent slopes, very stony
- Canton and Charlton fine sandy loams, 15 to 35 percent slopes, extremely stony
- Paxton and Montauk fine sandy loams, 3 to 8 percent slopes
- Paxton and Montauk fine sandy loams, 3 to 8 percent slopes, very stony
- Paxton and Montauk fine sandy loams, 8 to 15 percent slopes, very stony

Of the soils mapped within the Survey Area, none are considered hydric soils which are commonly associated with wetlands. Onsite investigations confirmed these soil types are present, along with additional soil types in the mapped wetland areas as described in the following section.

#### 3.0 Water Resources

#### 3.1 Wetlands

Wetland delineations were conducted in accordance with the US Army Corps of Engineers (USACE) Wetland Delineation Manual<sup>1</sup> and the Northcentral and Northeast Regional Supplement.<sup>2</sup> Additionally, wetland and watercourses surveys were completed in accordance with the Connecticut Department of Energy and Environmental Protection's (DEEP) Inland Wetland and Watercourses Act<sup>3</sup> and with the Towns of Willington<sup>4</sup> and Safford<sup>5</sup> Inland Wetlands and Watercourses Regulations, respectively.

The Survey Area was investigated by a soil scientist and wetland scientist via a meander survey. When a location appeared to have hydrophytic vegetation, indicators of hydrology, or the presence of hydric soils an investigation was undertaken. The scientist analyzed site-specific data to determine if the area met the criteria to be considered a wetland. When wetlands were identified, the boundaries of the wetlands were marked with pink survey flagging with the word "Wetland Delineation" and numbered in sequential order. Delineated wetlands were overseen and verified by a professional soil scientist, Rodney Kelshaw of Flycatcher.

Flycatcher mapped two (2) palustrine forested (PFO) wetlands within the Survey Area. Soils are characterized as mucky loam and stony sandy loam, and hydric indicators are *Histic Epipedon (A2), Depleted Below Dark Surface (A11),* and *Thick Dark Surface (A12)*. Summary descriptions of wetlands are provided in Table 1, below. The location of each wetland is mapped within the Survey Area depicted on Figure 2, in Attachment 1. Representative photographs of these resources are provided in Attachment 2.

3.2 Watercourses

Watercourse identification followed the DEEP's Inland Wetland and Watercourses Act definition of "Watercourses" (Chapter 440: Section 22a-38).<sup>3</sup> If a watercourse meeting the above definition was observed, blue survey flagging was hung along the centerline (for streams less than six feet in width) or along the top of the bank (for streams six feet or wider).

Flycatcher mapped one (1) intermittent watercourse within the Survey Area. The watercourse flows west out of wetland W-MFT-2. The bank-full width is approximately 4 feet wide, bank depth is approximately 4 inches deep, and substrate consists of cobble and rock. The location of the watercourse is mapped within the Survey Area depicted on Figure 2, in Attachment 1.

U.S. Army. https://usace.contentdm.oclc.org/utils/getfile/collection/p266001coll1/id/7640

5 Inland Wetlands and Watercourses Regulations. (2018). Town of Stafford. Revised September 5, 2018.

https://cms5.revize.com/revize/staffordct/Document%20Center/Department/Building%20&%20Zoning/IWWC%20Regs%20Town%20of %20Stafford%20%20(revised%20August%202018).pdf



<sup>&</sup>lt;sup>1</sup> USACE. (1987). *Corps of Engineers wetlands delineation manual*. Environmental Laboratory. Environmental Laboratory U.S. Army Corps of Engineers, Waterways Experiment Station, Wetlands Research Program

Technical Report Y-87-1. Vicksburg, MS. <u>https://usace.contentdm.oclc.org/digital/collection/p266001coll1/id/4532/</u>

<sup>&</sup>lt;sup>2</sup> USACE (2012). *Regional supplement to the Corps of Engineers wetland delineation manual: Northcentral and Northeast region: Version 2.0.* Ed. J.S. Wakely, R.W. Lichvar and C.V. Noble. ERDC/EL TR-08-27. Vicksburg, MS:

<sup>&</sup>lt;sup>3</sup> CTDEEP. (1972). Inland wetlands and watercourses act: regulations of Connecticut State agencies: Chapter 440: Wetlands and watercourses. <u>https://www.cga.ct.gov/current/pub/chap\_440.htm</u>

<sup>&</sup>lt;sup>4</sup> Willington Inland Wetlands and Watercourses Commission. (1999). *Town of Willington Connecticut inland wetlands and watercourses regulations*. <u>https://www.willingtonct.gov/sites/g/files/vyhlif1456/f/uploads/wetlands\_regulations.pdf</u>

| Resource<br>ID             | Cowardin<br>Classification <sup>1</sup> | Hydrology<br>Indicators  | Dominant Vegetation   | Hydric Soil<br>Indicators   | Description & Notes  |
|----------------------------|---|--|---|---|--|
| W-MFT-1                    | PFO                                     | Saturation (A3),<br>Drainage<br>Patterns (B10)                                 | Northern spicebush (Lindera benzoin), red maple (Acer<br>rubrum), eastern hemlock (Tsuga canadensis), Japanese<br>barberry (Berberis thunbergii), Christmas fern (Polystichum<br>acrostichoides)  | Depleted Below<br>Dark Surface<br>(A11), Thick<br>Dark Surface<br>(A12) | Sidehill forested drainage swale.  |
| W-MFT-2                    | PFO                                     | Saturation (A3),<br>Drainage<br>Patterns (B10),<br>Geomorphic<br>Position (D2) | Red maple, eastern hemlock, yellow birch (Betula<br>alleghaniensis), shag-bark hickory (Carya ovata), green ash<br>(Fraxinus pennsylvanica), Asian bittersweet (Celastrus<br>orbiculatus), common red raspberry (Rubus idaeus),<br>allegheny black berry (Rubus allegheniensis), northern<br>spicebush, mountain laurel (Kalmia latifolia), sensitive fern<br>(Onoclea sensibilis), cinnamon fern (Osmundastrum<br>cinnamomeum), evergreen wood fern (Dryopteris<br>intermedia), Christmas fern, lamp rush (Juncus effusus),<br>cottongrass bulrush (Scirpus cyperinus) | Histic Epipedon<br>(A2), Thick Dark<br>Surface (A12)                    | Riparian drainage wetland connected<br>to forested depression. Contains S-<br>MFT-1 and PVP-MFT-1 and 2. |
| 1. Wetland c<br>States.pdf | L<br>lassifications per U               | ISFWS' Cowardin et   | al. (1979) <u>https://www.fws.gov/wetlands/Documents/Classific</u>  | L<br>cation-of-Wetlands-:   | I<br>and-Deepwater-Habitats-of-the-United-   |

#### Table 1. Summary Descriptions of Wetlands Delineated Within the Survey Area

### 4.0 Vernal Pool Surveys

Vernal pools are temporarily/seasonally flooded wetlands that provide the primary breeding habitat for vernal pool indicator species, and a host of secondary faunal species.<sup>6</sup> Wood frogs (*Lithobates sylvaticus*) spotted salamanders (*Ambystoma maculatum*), blue spotted salamanders (*Ambystoma laterale*), marbled salamander (*Ambystoma opacum*), Jefferson's salamander (*Ambystoma jeffersonianum*), and fairy shrimp (*Eubranchipus spp*.) are vernal pool indicator species that depend on vernal pools to complete their life cycle.<sup>7</sup> Productivity of breeding vernal pool species is the primary metric used by regulatory authorities to assess vernal pool quality; thus, vernal pools must be assessed during the breeding season (generally March to late April).

Vernal pool surveys were conducted on April 4, 2023. Definitions from Calhoun et al. (2005) and the USACE Connecticut General Permit (2021) as well as the presence of indicator species were used to make vernal pool determinations.<sup>5,6</sup>

Flycatcher mapped two (2) vernal pools within the Survey Area. Summary descriptions of each pool are provided in Table 2. The location of each vernal pool is mapped within the Survey Area depicted on Figure 2, in Attachment 1. Photographs of each pool are provided in Attachment 2, and completed Connecticut Association of Wetland Scientists (CAWS) Vernal Pool Monitoring Data Forms are provided in Attachment 3.

 <sup>6</sup> Calhoun, A. J., Miller, N. A., & Klemens, M. W. (2005). Conserving pool-breeding amphibians in human-dominated landscapes through local implementation of Best Development Practices. Wetlands Ecology and Management, 13, 291-304.
 <sup>7</sup> USACE (2021). Department of the Army Regional General Permits for the State of Connecticut.

https://www.nae.usace.army.mil/Portals/74/docs/regulatory/StateGeneralPermits/CT/Connecticut-General-Permit-2021.pdf

#### Table 2. Vernal Pool Summary

| Resource<br>ID | Pool<br>Origin | Approximate<br>Dimensions (ft) | Approximate<br>Depth (ft) | Substrate               | Indicator Presence<br>(Observed number of<br>egg masses) | Description  |
|----------------|----------------|--------------------------------|---------------------------|-------------------------|--|--|
| VP-CWF-1       | Human<br>made  | 13 x 13                        | 3                         | Mineral/ leaf<br>litter | Wood frog (9), Spotted<br>(5), Blue spotted (8)          | Excavated basin in old trail. Ephemeral inlet and outlet.                            |
| VP-CWF-2       | Human<br>made  | 20 x 24                        | 8                         | Muck                    | Spotted salamander (11)                                  | Natural spring that has likely been excavated to be larger pool. No inlet or outlet. |

### **ATTACHMENT 1**

# Figures



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## **ATTACHMENT** 2

# Site Photographs



Wetland W-MFT-1, November 18, 2022.



Wetland W-MFT-2, November 18, 2022.





VP-CWF-2 within W-MFT-2, April 4, 2023.



VP-CWF-1 within W-MFT-2, April 4, 2023.





Watercourse S-MFT-1, November 18, 2022.



Watercourse S-MFT-1, November 18, 2022.





Upland area looking north at farm fields, November 18, 2022.



Upland area looking northeast at farm fields, November 2022.



### **ATTACHMENT 3**

# **CAWS Vernal Pool Monitoring Data Forms**

| VERNAL POOL DATA SHEET   |  |                         |                       |                                     |                         |                          |  |
|--|--|-------------------------|-----------------------|-------------------------------------|-------------------------|--------------------------|--|
| Survey Date: 2023-04-04 Investigator(s): C. Ferris, J. Hutchinson Town: Willington CAWS Pd                                   |  |                         |                       |                                     | CAWS Project            | #:                       |  |
| Town Staff Contacted? Yes No 🖌 Project/pro   | perty name: KC   | E CT 5 Battery En       | ergy Storage Syster   | n Pool Type                         | : Development:          | Reference:               |  |
| Address/location (or include annotated map): Village Hill Rd (see Figures 1 and 2) Investigator's Contact information: chuck |  |                         |                       |                                     |                         | tcherllc.com             |  |
| SEARCH CONDITIONS AND METHODS (required)   | AMPHIBIAN EG   | G MASS COUNTS (re       | equired)              | ADDITIONAL NO                       | TES: (optional)         |                          |  |
| WEATHER: Cloud Cover:  | Wood frogs:  | Abund                   | lance categories      | Pool is and excav                   | ated area within an old | l road/trail within a    |  |
| Precipitation: Within last clear   | 1-25   | 26-49 -80               | 250-300               | forested setting. A                 | An ephemeral inlet flow | s into the pool from the |  |
| Current 24 hours partly cloudy   | condition  | 50-75                   | 300-400               | south and an eph                    | emeral outlet flows out | of the pool through the  |  |
| O" mostly cloudy   | If condition mixed   | <i>d,</i> 75-100        | 400-500               | trail to the west.                  |                         |                          |  |
| full cloud cover   | note "some", "ma   | ny" 100-150             | 500-750               | Pool was delineat                   | ed with red flags label | ed VP-CWF-1              |  |
|  | or "most"  | 150-200                 | 750-1000              |                                     | iou interiou nago iapor |                          |  |
| Start time: 1100H Methods used:  | intact: most   | 200-250                 | 1000-1250             | Approximately 8 b                   | olue-spotted salamand   | er egg masses were       |  |
| End time: 1115H Visual   | breaking up:   |                         | >1250                 | observed loose w                    | ithin the pool on April | 1, 2023.                 |  |
| Dipnetting   | hatching:  |                         |                       |                                     |                         |                          |  |
| Type of Inspection:  | Describe estimat   | ion method used for a   | a large raft:         | 0                                   |                         |                          |  |
| baseline  Polarized sunglasses used?   |  |                         |                       |                                     |                         |                          |  |
| during construction Yes 🖌  |  |                         |                       |                                     |                         |                          |  |
| post construction No   | Spotted Salama   | nders:                  |                       |                                     |                         |                          |  |
| Comments:  | Condition:   |                         |                       |                                     |                         |                          |  |
| Temporary flagging used to   | intact: 5  | Tota                    | l Number              |                                     |                         |                          |  |
| mark egg masses? Yes   | breaking up:   |                         | 5                     |                                     |                         |                          |  |
| No [√]   | hatching:  |                         | -                     |                                     |                         |                          |  |
| CONDITIONS/OBSERVATIONS WITHIN POOL Not  | CONDITIONS IN  | ENVELOPE WITHIN         | 100 FT OF POOL        | CONDITIONS IN                       | ENVELOPE AROUN          | DPOOL                    |  |
| (required data) Flowing flowing  | (required data)  | Give appr               | oximate percentage    | (required data)                     | Estimate %cover (H      | i,Med,Low,VLow,None)     |  |
| Inlet observed? No 🗌 Yes 🗹 🗹   | Landuses/conditi   | ons or show o           | n sketch on back      | Landuses                            | Within 100 feet         | 100'-300' (optional)     |  |
| Outlet observed? No 🔄 Yes 🖌 🖌 📘  | forest 85%   | shrubland               | meadow                | forest                              | mod                     | mod                      |  |
| finfish observed? No 🖌 Yes   | pasture  | lawn                    | building              | shrubland                           | low                     | Vlow                     |  |
| Estimated water depth range? 30"-36"   | exposed soil   | grading                 | ag. field 25%         | exposed soil                        | none                    | none                     |  |
| Optional Data (see also back of sheet)   | road bus   | y (>1 car/10 min.)      | yes no                | pavement                            | none                    | none                     |  |
| Other Vernal Pool Species:   | parking lot  |                         |                       | building                            | none                    | none                     |  |
| fairy shrimp present? Yes No   | Comments:  |                         |                       | lawn                                | none                    | none                     |  |
| marbled salmander larvae present? Yes No 🗸   | surrounded by mixed deciduous forest and is located within a |                         |                       | field                               | low                     | low                      |  |
| Vegetation (within or overhanging pool):   |  |                         |                       | busy road (<1 car/10 min.)? yes yes |                         |                          |  |
| Trees/Saplings:  | Leaf Litter:   | If variable, note local | ion (e.g. "N. shore") | Leaf Litte                          | r within 100' (in woo   | ded cover type)          |  |
| Shrubs/Vines:  | none/low:  |                         |                       | none/low:                           | v                       |                          |  |
| Herbs:   | moderate:  |                         | X                     | moderate:                           | А                       |                          |  |
| Percent tree canopy closure? 50%   | high:  |                         |                       | high:                               |                         |                          |  |
| Woody debris content? High Med Low ✓   |  |                         |                       |                                     |                         |                          |  |
| Pool Substrate: (top three) Peat   | Cover Objects:   | Logs                    | ROCKS                 | Cover Objects:                      | Logs                    | ROCKS                    |  |
| Mud/muck Sand/Silt V Bedrock   | none:  | -                       |                       | none:                               |                         |                          |  |
| Leaf Litter V Silt/clay Gravel/cobbles   | IOW:   | ×                       | Χ                     | IOW:                                |                         | <u>X</u>                 |  |
| water quality:   | moderate:  | ^                       |                       | moderate:                           | <u> </u>                |                          |  |
|  |  |                         |                       |                                     |                         |                          |  |
| Nitrate-N (mg/l) 10tal P (ug/l) 100(mg/l)  | Troop/paplings   | auon (opuonal)          |                       | Trocc/conlines:                     | ition within 100 (opt   | Ullal)                   |  |
| turbidity(NTUS) Supridic odor? NO V Yes  | Shrubs Alines  |                         |                       | Shrubs/Vines:                       |                         |                          |  |
| Approximate % cover by algal mat or duckweed?  | Herbs:   |                         |                       | Herbs:                              |                         |                          |  |
|  | neros.   |                         |                       | neros.                              |                         |                          |  |

#### VERNAL POOL DATA SHEET, p. 2

| Survey Date: 4/4/2023         | Investigator(s): C. Ferris, J. Hutchinson | Town: Willington | CAWS Pool #: | VPCWF1     | CAWS Project #: |           |
|-------------------------------|---|------------------|--------------|------------|-----------------|-----------|
| Project/property name: KCE CT | 5 Battery Energy Storage System Project   |                  |              | Pool Type: | Development:    | Reference |



| VERNAL POOL DATA SHEET                                   |   |                         |                       |  |                             |                      |  |
|--|---|-------------------------|-----------------------|--|-----------------------------|----------------------|--|
| Survey Date: 4/4/2023 Investigator(s): C. Ferris         | Town: Willingt  | on CAWS Poo             | ol #: VPCWF2          | CAWS Project                               | #:                          |                      |  |
| Town Staff Contacted? Yes No 🖌 Project/pro               | perty name: KCE   | E CT 5 Battery End      | ergy Storage Syster   | n Pool Type                                | : Development:              | Reference:           |  |
| Address/location (or include annotated map): Village Hil | Road (see Figu  | ure 1)                  | Investigato           | r's Contact informa                        | ation: chuck@flycat         | cherllc.com          |  |
| SEARCH CONDITIONS AND METHODS (required)                 | AMPHIBIAN EG  | G MASS COUNTS (re       | equired)              | ADDITIONAL NOTES: (optional)               |                             |                      |  |
| WEATHER: Cloud Cover:                                    | Wood frogs:   | Abund                   | lance categories      | Pool is very deep                          | and excavated appea         | rs to potentially be |  |
| Precipitation: Within last clear                         | 1-25  | 26-49 -00               | 250-300               | spring-fed. Is adja                        | icent to a trail in a fores | sted setting.        |  |
| Current 24 hours partly cloudy                           | <u>condition</u>  | 50-75                   | 300-400               |  |                             |                      |  |
| O" mostly cloudy   | If condition mixed                                      | l, 75-100               | 400-500               | Pool was delineat                          | ed with red flags labele    | ed VP-CWF-2.         |  |
| full cloud cover   | note "some","mai  | ny" 100-150             | 500-750               |  |                             |                      |  |
|  | or "most"   | 150-200                 | 750-1000              |  |                             |                      |  |
| Start time: 1125H Methods used:                          | intact:   | 200-250                 | 1000-1250             |  |                             |                      |  |
| End time: 1140H Visual                                   | breaking up:  |                         | >1250                 |  |                             |                      |  |
| Dipnetting   | hatching:   |                         |                       |  |                             |                      |  |
| Type of Inspection:                                      | Describe estimat  | ion method used for a   | large raft:           |  |                             |                      |  |
| baseline   Polarized sunglasses used?                    | no wood frog larv                                       | ae detected             |                       |  |                             |                      |  |
| during construction Yes 🖌                                |   |                         |                       |  |                             |                      |  |
| post construction No                                     | Spotted Salama  | nders:                  |                       |  |                             |                      |  |
| Comments:  | Condition:  |                         |                       |  |                             |                      |  |
| Temporary flagging used to                               | intact: 11  | <u>Tota</u>             | l Number              |  |                             |                      |  |
| mark egg masses? Yes                                     | breaking up:  |                         | 11                    |  |                             |                      |  |
| No ✓   | hatching:   |                         | <u> </u>              |  |                             |                      |  |
| CONDITIONS/OBSERVATIONS WITHIN POOL Not                  | CONDITIONS IN   | ENVELOPE WITHIN         | 100 FT OF POOL        | CONDITIONS IN                              | ENVELOPE AROUND             | POOL                 |  |
| (required data) Flowing flowing                          | (required data)   | Give appr               | oximate percentage    | (required data)                            | Estimate %cover (Hi         | ,Med,Low,VLow,None)  |  |
| Inlet observed? No 🖌 Yes 🔄 🗹                             | Landuses/conditi  | ons or show o           | n sketch on back      | Landuses                                   | Within 100 feet             | 100'-300' (optional) |  |
| Outlet observed? No 🖌 Yes 🔄 🖌                            | forest 100%   | shrubland               | meadow                | forest                                     | med                         | med                  |  |
| finfish observed? No Yes                                 | pasture   | lawn                    | building              | shrubland                                  | low                         | low                  |  |
| Estimated water depth range? Approx. 8 feet              | exposed soil  | grading                 | ag. field             | exposed soil                               | none                        | none                 |  |
| Optional Data (see also back of sheet)                   | road bus  | / (>1 car/10 min.)      | yes no                | pavement                                   | none                        | none                 |  |
| Other Vernal Pool Species:                               | parking lot   |                         |                       | building                                   | none                        | low                  |  |
| fairy shrimp present? Yes No 🗸                           | Comments:   |                         |                       | lawn                                       | none                        | low                  |  |
| marbled salmander larvae present? Yes No 🗸               | surrounded by mixed deciduous forest; adjacent to trail |                         |                       | field                                      | none                        | low                  |  |
| Vegetation (within or overhanging pool):                 |   |                         |                       | busy road (<1 car                          | /10 min.)? yes              | yes                  |  |
| Trees/Saplings:  | Leaf Litter:  | If variable, note locat | ion (e.g. "N. shore") | Leaf Litte                                 | r within 100' (in wood      | ded cover type)      |  |
| Shrubs/Vines:  | none/low:   |                         |                       | none/low:                                  |                             |                      |  |
| Herbs:   | moderate:   |                         | X                     | moderate:                                  |                             | X                    |  |
| Percent tree canopy closure? 50%                         | high:   |                         |                       | high:                                      |                             |                      |  |
| Woody debris content? High Med Low ✓                     |   |                         |                       |  |                             |                      |  |
| Pool Substrate: (top three) Peat                         | Cover Objects:  | Logs                    | Rocks                 | Cover Objects:                             | Logs                        | Rocks                |  |
| Mud/muck Sand/Silt 🗹 Bedrock                             | none:   |                         |                       | none:                                      |                             |                      |  |
| Leaf Litter 🖌 Silt/clay Gravel/cobbles                   | low:  |                         |                       | low:                                       |                             |                      |  |
| Water Quality:   | moderate:   | X                       | X                     | moderate:                                  | X                           | X                    |  |
| ph conductivity(uS/cm) temperature (°C)                  | high:   |                         |                       | high:                                      |                             |                      |  |
| Nitrate-N (mg/l) Total P (ug/l) DO(mg/l)                 | Dominant veget  | ation (optional)        |                       | Dominant vegetation within 100' (optional) |                             |                      |  |
| turbidity(NTU's) Sulphidic odor? No ✓ Yes                | Trees/saplings:   |                         |                       | Trees/saplings:                            |                             |                      |  |
| Approximate % cover by algal mat or duckweed?            | Shrubs/Vines:   |                         |                       | Shrubs/Vines:                              |                             |                      |  |
| GPS coordinates: 41.453634 N, -72.115312 E               | Herbs:  |                         |                       | Herbs:                                     |                             |                      |  |

| Survey Date: 4/4/2023   | Investigator(s): C. Ferris, J. Hutchinson  | Town: Willington                 | CAWS Pool #:                                 | VPCWF2  | CAWS Project #:  |
|---|--|----------------------------------|--|---|--|
| Project/property name: <sub>KCE</sub>   | CT 5 Battery Energy Storage System Project | · · ·                            |  | Pool Type:  | Development: Reference   |
| Draw a rough,<br>quick sketch of the<br>pool showing<br>approximate<br>locations of egg<br>mass rafts &<br>clusters in relation<br>to pool features, like<br>logs, algal mats,<br>and islands. Show<br>inlet/outlet if<br>present. Include<br>north arrow and<br>approxImate scale. | TCH OF POOL (required)                     | ofea wiegg<br>magies<br>8 & dipm | W<br>Gr<br>Piu<br>Bu<br>Ea<br>Sr<br>N.<br>Ot | LDLIFE OBSERV<br>necklist of Facult<br>een Frog<br>skerel Frog<br>Il Frog<br>stern Toad<br>otted Turtle<br>Water Snake<br>her Observed Fa | VATIONS: (optional)   tative Herptile Fauna (Pool & Fringe):   Spring Peeper   Gray Tree Frog   Pickerel Frog   Painted Turtle   Snapping Turtle   Blue-spot. salam. |
| Draw a rough,<br>quick sketch of the<br>pool's terrestrial<br>envelope,<br>extending at least<br>200' from pool in all<br>directions. Provide<br>detail on<br>conditions &<br>landuses within<br>100 feet of edge of<br>pool. Include north<br>arrow and                            |  | D POOL (required)                |  | DITIONAL NOTI   | ES: (optional)   |

approxImate scale.