



Connecticut Department of  
**ENERGY &  
ENVIRONMENTAL  
PROTECTION**

January 12, 2020

Mr. Eric Davison  
Davison Environmental  
10 Maple Street  
Chester, CT 06412  
[eric@davisonenvironmental.com](mailto:eric@davisonenvironmental.com)

Project: Preliminary Assessment for Burlington Solar One Located on Prospect Street in Burlington, Connecticut  
NDDDB Preliminary Assessment No.: 201913067

Dear Eric Davison,

I have reviewed Natural Diversity Database maps and files regarding the area delineated on the map provided for Burlington Solar One located on Prospect Street in Burlington, Connecticut.

According to our records there are known extant populations of State Listed Species that occur within or close to the boundaries of this property. I have attached a list of species known from this area. Please be advised that this is a preliminary review and not a final determination. A more detailed review will be necessary to move forward with any environmental permit applications submitted to DEEP for the proposed project. **This preliminary assessment letter cannot be used or submitted with permit applications at DEEP.** This letter is valid for one year.

To prevent impacts to State-listed species, field surveys of the site should be performed by a qualified biologist with the appropriate scientific collecting permits at a time when these target species are identifiable. A report summarizing the results of such surveys should include:

1. Survey date(s) and duration.
2. Site descriptions and photographs.
3. List of component vascular plant and animal species within the survey area (including scientific binomials).
4. Data regarding population numbers and/or area occupied by State-listed species. Include special plant and/or animal forms found at:  
[https://www.ct.gov/deep/cwp/view.asp?a=2702&q=323460&deepNav\\_GID=1628](https://www.ct.gov/deep/cwp/view.asp?a=2702&q=323460&deepNav_GID=1628)
5. Detailed maps of the area surveyed including the survey route and locations of State listed species.
6. Conservation strategies or protection plans that indicate how impacts may be avoided for all state listed species present on the site.
7. Statement/résumé indicating the biologist's qualifications. Please be sure when you hire a consulting qualified biologist to help conduct this site survey that they have the proper experience with target taxon and have a CT scientific collectors permit to work with state listed species for this specific project.

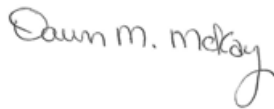
The site surveys report should be sent to our CT DEEP-NDDDB Program ([deep.nddbrequest@ct.gov](mailto:deep.nddbrequest@ct.gov)) for further review by our program biologists **along with an updated request** for another NDDDB review. Incomplete reports may not be accepted.

If you do not intend to do site surveys to determine the presence or absence of state-listed species, then you should presume species are present and let us know how you will protect the state-listed species from being impacted by this project. You may submit these best management practices or protection plans with your new request for an NDDDB review. After reviewing your new NDDDB request form and the documents describing how you will protect this species from project impacts we will make a final determination and provide you with a letter from our program to use with DEEP-Permits.

Natural Diversity Database information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey, cooperating units of DEEP, landowners, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the NDDDB should not be substitutes for onsite surveys necessary for a thorough environmental impact assessment. The result of this review does not preclude the possibility that listed species may be encountered on site and that additional action may be necessary to remain in compliance with certain state permits.

Please contact me if you have further questions at (860) 424-3592, or [deep.nddbrequest@ct.gov](mailto:deep.nddbrequest@ct.gov)  
Thank you for consulting the Natural Diversity Data Base.

Sincerely,

A handwritten signature in cursive script that reads "Dawn M. McKay".

Dawn M. McKay  
Environmental Analyst 3

# Species List for NDDB Request

Scientific Name	Common Name	State Status
<b>Freshwater Community - Other Classification</b>		
Medium fen		
<b>Invertebrate Animal</b>		
<i>Agonum darlingtoni</i>	Ground beetle	SC
<i>Agonum mutatum</i>	Ground beetle	SC
<i>Exyra fax</i>	Pitcher plant moth	T
<i>Leucorrhinia glacialis</i>	Crimson-ringed whiteface	T
<i>Margaritifera margaritifera</i>	Eastern pearlshell	SC
<b>Vascular Plant</b>		
<i>Carex limosa</i>	Mud sedge	T
<i>Eriophorum vaginatum</i> var. <i>spissum</i>	Hare's tail	T
<i>Scheuchzeria palustris</i> ssp. <i>americana</i>	Pod grass	E
<i>Xyris montana</i>	Northern yellow-eyed grass	T
<b>Vertebrate Animal</b>		
<i>Botaurus lentiginosus</i>	American bittern	E
<i>Caprimulgus vociferus</i>	Whip-poor-will	SC
<i>Cottus cognatus</i>	Slimy sculpin	SC
<i>Heterodon platirhinos</i>	Eastern hognose snake	SC
<i>Terrapene carolina carolina</i>	Eastern box turtle	SC

E = Endangered, T = Threatened, SC = Special Concern, \* Extirpated