

Exhibit CS-BW-65

Docket 8302
Exhibit CS-DB-3
Supplemental Environmental
Assessment Report



ARROWWOOD ENVIRONMENTAL

950 BERT WHITE ROAD
HUNTINGTON, VT 05462
(802) 434-7276 FAX: (802) 329-2259

8/22/14

**Supplemental
Environmental Assessment for:
2.0 MW Solar Photovoltaic Generation Facility
Chelsea Solar Farm Project
500 Apple Hill Road
Bennington, Vermont**

Arrowwood Environmental, LLC (AE) conducted additional site investigation to complete the assessment of Rare and Irreplaceable Natural Areas and Rare, Threatened, and Endangered plant species as preliminarily discussed in the Environmental Assessment report dated 6/15/2014. This report presents the findings of this additional work.

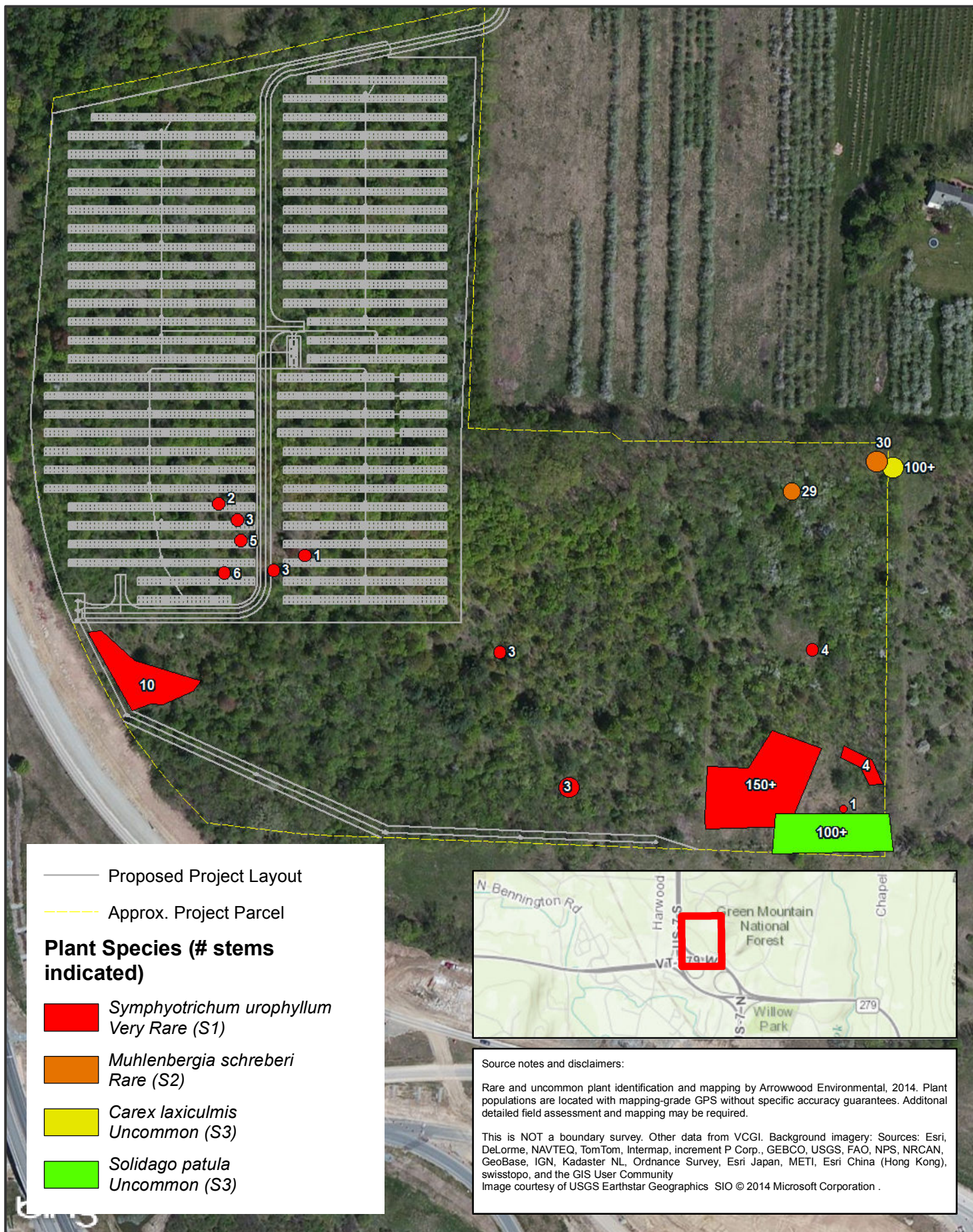
I. Rare and Irreplaceable Natural Areas

On August 14th 2014, AE conducted a rare and irreplaceable natural area (RINA) updated assessment of the Chelsea Solar Farm Project in Bennington, Vermont.

The assessment of the RINA focused on the area of Mesic-Maple-Ash-Hickory Forest in the northeast corner of the property (presented in the 6/15/2014 Environmental Assessment Report). This forest was evaluated during the original assessment of the site on January 17, 2013. The subsequent assessment on August 14, 2014 confirmed the original conclusion that the forest at this site does not constitute a significant natural community or a rare and irreplaceable natural area. High quality examples of the Mesic-Maple-Ash-Hickory Forest community are uncommon in the state, but where it occurs, can occupy tens or hundreds of acres. While there are a few mature trees at this site, the undisturbed community on this property is less than 3 acres in size, is in moderate-poor condition and sits within a largely fragmented landscape. These factors contribute to the determination that this site is not considered a significant natural community or RINA.

II. Rare, Threatened and Endangered Plant Survey

On August 14th 2014, AE conducted a rare, threatened and endangered (RTE) plant species survey which consisted of a meander survey through the entire property. The following rare or uncommon species were found during the inventory: arrow-leaved American aster (*Symphyotrichum urophyllum*), nimblewill muhly (*Muhlenbergia schreberi*), spreading sedge (*Carex laxiculmis*) and rough-leaved goldenrod (*Solidago patula*). The most abundant and wide-spread of these species is the arrow-leaved American aster, which is listed as S1 (very rare) in the state. There are approximately 200 stems of this plant scattered throughout the site, most of which are located in the large opening in the southeastern corner of the property. Both the nimblewill muhly and the spreading sedge (S2-rare and S3-uncommon, respectively) are found in localized patches in the northeastern corner of the property. The rough-leaved goldenrod occurs in a moderate-sized patch in the southeast corner of the property. During the RTE survey, it was confirmed that pignut hickory (*Carya glabra*) is not present in the project area. Population locations and plant abundance are shown on the attached map.



Ecos Energy: Chelsea Solar Farm, Bennington Vt: RTE Plants

Friday, August 22, 2014

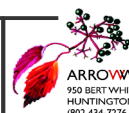
File: RTE1

Prepared By: A Worthley

NAD 83, Vt State Plane

1 in = 200 ft

0 62.5 125 Feet



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9-25-14

**Plant Species List for:
2.0 MW Solar Photovoltaic Generation Facility
Chelsea Solar Farm Project
500 Apple Hill Road
Bennington, Vermont**

Compiled during the rare plant inventory

Scientific Name
<i>Acer platanoides</i>
<i>Acer rubrum</i>
<i>Acer saccharum</i>
<i>Agrostis gigantea</i>
<i>Alliaria petiolata</i>
<i>Anemone virginiana</i>
<i>Apocynum androsaemifolium</i>
<i>Arctium minus</i>
<i>Athyrium filix-femina</i>
<i>Berberis vulgaris</i>
<i>Betula papyrifera</i>
<i>Bromus inermis</i>
<i>Carex flava</i>
<i>Carex gracillima</i>
<i>Carex granularis</i>
<i>Carex laxiculmis</i>
<i>Carex laxiflora</i>
<i>Carex lurida</i>
<i>Carex sp. (ovales group)</i>
<i>Carex swanii</i>
<i>Carex tribuloides</i>
<i>Carex vulpinoidea</i>

<i>Carpinus caroliniana</i>
<i>Carya cordiformis</i>
<i>Celastrus orbiculatus</i>
<i>Circaea lutetiana</i>
<i>Cirsium arvense</i>
<i>Cirsium pumilum</i>
<i>Clematis virginiana</i>
<i>Clinopodium vulgare</i>
<i>Cornus alternifolia</i>
<i>Cornus racemosa</i>
<i>Crataegus punctata</i>
<i>Crataegus sp.</i>
<i>Dactylis glomerata</i>
<i>Dasiphora floribunda</i>
<i>Daucus carota</i>
<i>Dicanthelium acuminatum spp. fasciculatum</i>
<i>Digitaria ishaemum</i>
<i>Dryopteris intermedia</i>
<i>Dryopteris marginalis</i>
<i>Elymus repens</i>
<i>Epipactis helleborine</i>
<i>Equisetum arvense</i>
<i>Frangula alnus</i>
<i>Galium verum</i>
<i>Glyceria striata</i>
<i>Juglans cinerea</i>
<i>Juncus dudleyi</i>
<i>Juncus tenuis</i>
<i>Juniperus communis</i>
<i>Larix decidua</i>
<i>Ligustrum obtusifolium</i>
<i>Lonicera morrowii</i>
<i>Lotus corniculatus</i>
<i>Lyonia ligustrina</i>
<i>Lythrum salicaria</i>
<i>Malus pumila</i>
<i>Monarda fistulosa</i>
<i>Muhlenbergia glomerata</i>
<i>Muhlenbergia schreberi</i>
<i>Onoclea sensibilis</i>
<i>Origanum vulgare</i>
<i>Ostrya virginiana</i>
<i>Packera obovata</i>

<i>Parthenocissus quinquefolia</i>
<i>Pastinaca sativa</i>
<i>Phleum pratense</i>
<i>Pinus strobus</i>
<i>Pinus sylvestris</i>
<i>Plantago lanceolata</i>
<i>Plantago major</i>
<i>Platanus sp.</i>
<i>Poa compressa</i>
<i>Poa pratensis</i>
<i>Polystichum acrostichoides</i>
<i>Populus tremuloides</i>
<i>Quercus macrocarpa</i>
<i>Quercus rubra</i>
<i>Rhamnus cathartica</i>
<i>Rosa multiflora</i>
<i>Rubus pubescens</i>
<i>Rudbeckia hirta</i>
<i>Salix bebbiana</i>
<i>Salix discolor</i>
<i>Schedonorus arundinaceus</i>
<i>Schizachyrium scoparium</i>
<i>Scirpus atrovirens</i>
<i>Scirpus pendulus</i>
<i>Solidago altissima</i>
<i>Solidago bicolor</i>
<i>Solidago gigantea</i>
<i>Solidago juncea</i>
<i>Solidago patula</i>
<i>Solidago rugosa</i>
<i>Spiraea alba</i>
<i>Spiraea tomentosa</i>
<i>Symphyotrichum lanceolatum</i>
<i>Symphyotrichum novae-angliae</i>
<i>Symphyotrichum urophyllum</i>
<i>Thelypteris palustris</i>
<i>Trifolium pratense</i>
<i>Trifolium repens</i>
<i>Ulmus americana</i>
<i>Ulmus rubra</i>
<i>Valeriana officinalis</i>
<i>Viburnum dentatum</i>

<i>Viburnum lentago</i>
<i>Viburnum opulus ssp. opulus</i>
<i>Vitis riparia</i>
<i>Zanthoxylum americanum</i>
<i>Zizia aurea</i>