



## EcoTec, Inc.

ENVIRONMENTAL CONSULTING SERVICES

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Worcester, MA 01605-2629  
508-752-9666 / Fax: 508-752-9494

June 8, 2022

Sturbridge Conservation Commission  
Town Hall  
308 Main Street  
Sturbridge, MA 01566

**Re:** 237 Cedar Street, Sturbridge, MA (DEP File #300-1107)

**Subject:** Wetland Replication Monitoring

Dear Commissioners:

EcoTec is providing the following, photo-documented report as the designated Professional Wetland Scientists (per Special Condition No. 17) for this project. Construction of the replication area was completed, under our direct supervision, between January 4, 2022 and May 25, 2022. Site photos are attached. Project status is as follows:

The wetland replication area has been completed including installation of siltation control barriers, designation of trees to be saved, selective excavation to sub-grade, placement of topsoil, planting, seeding and placement of woody material on the surface of the area. The attached photo pages depict the seed mix label and woody planting invoice as well as phases of construction and planting. The as-built survey is in progress and an as-built plan will be provided as soon as possible. In our opinion, the wetland replication area has been constructed in accordance with the approved plan and in accordance with standard, Department of Environmental Protection regulations and procedures.

In addition, the driveway culverts have been installed and these features will also be included in the as-built survey, as required.

Please let me know if you have any comments or questions.

Sincerely,

Arthur Allen, CESSWI, CWS, CPSS  
Senior Environmental Scientist

Attachment: 3 photo pages

AA/Monitoring/Sturbridge 237 Cedar Replication Construction

Wetmix  
1lb.

Botanical Name  
 CAREX VULPIDOGA  
 CAREX LURIDA  
 CAREX ~~SP.~~ <sup>SPURIA</sup>  
 YUCCA HASTATA  
 POLYALLIS  
 ASCOPUS INCAURATA  
 CAREX (UNITA)  
 SCIRPUS ATROVIRENS  
 Juncus communis  
 VERNONIA NOVBORACENSIS  
 ELEOCHARIS PALUSTRIS  
 SPARG ANGERMANN  
 CAREX CONOIDA  
 LUPULINUM MEXICANUM (EUPHROSIUM MEXICANUM)  
 ASTER FULVICULUS (EUPHROSIUM FULVICULUS)  
 FOX SEDGE  
 LURID SEDGE  
 BLUNT BROOM SEDGE  
 BLUE VERNONIA  
 FOWL BLUEGRASS  
 SWAMP MILKWEED  
 PRICKLY SEDGE  
 GREEN BULRUSH  
 SOFT RUSH  
 NEW YORK BROOMSEDGE  
 CREEPING SPINE RUSH  
 WOOD GRASS  
 BRISTLYCLOUGH SEDGE  
 SPOTTED JOE PYE WOOD  
 SWAMP ASTER  
 % by Weight  
 32.31%  
 10.93%  
 10.00%  
 9.38%  
 8.88%  
 9.07%  
 3.83%  
 3.70%  
 3.28%  
 2.82%  
 1.97%  
 1.42%  
 0.98%  
 0.76%  
 0.46%  
 0.60%  
 0.42%  
 0.32%  
 Total  
 100.00%  
 Germ  
 36.00%  
 69.00%  
 78.00%  
 1.00%  
 58.00%  
 50.00%  
 2.00%  
 8.00%  
 8.00%  
 8.00%  
 5.00%  
 1.00%  
 16.00%  
 16.00%  
 44.00%  
 Hard  
 52.00%  
 8.00%  
 6.00%  
 89.00%  
 77.00%  
 42.00%  
 82.00%  
 74.00%  
 65.00%  
 58.00%  
 NET WEIGHT (LBS)  
 1lb.  
 Date Tested: June 2022  
 Code #: Wetmix 2022-SF  
 Ref Date: 10/31/2021  
 May 20, 2022 12:42:57 PM  
 42.1396N 72.0962W  
 311° NW

|   |                                       |
|---|---------------------------------------|
| WE HAVE MOVED! PLEASE NOTE OUR NEW ADDRESS  | <b>ESTIMATE</b>                       |
| <b>NEW ENGLAND WETLAND PLANTS, INC.</b><br>PO BOX 949<br>14 PEARL LANE<br>SOUTH HADLEY, MA 01075<br>PHONE: 413.548.8000    EMAIL: INFO@NEWP.COM | NUMBER: 13967<br><hr/> DATE: 5/3/2022 |

SHIP TO:

PHONE: 774-230-3672 FAX:

LOCALLY PROPAGATED & GROWN

## NEW ENGLAND PROVENANCE TREES, SHRUBS, &amp; HERBACEOUS PLANTS

| JOB NAME | REQUESTED BY   | SHIP VIA    | PAYMENT TERMS | TITLE TRANSFER |
|----------|--|-------------|---------------|----------------|
| HOME     | MIKE   | CUST PICKUP | CC            | FCA NURSERY    |
| QTY      | DESCRIPTION  | PRICE       | TOTAL         |                |
| 12       | ACER RUBRUM, RED MAPLE, 18-24", #2 CNTR              | 10.00       | 120.00        |                |
| 12       | VACCINIUM CORYMBOSUM, Highbush Blueberry, 18-24", #1 | 9.50        | 114.00        |                |
| 12       | VIBURNUM DENTATUM, Northern Arrowwood, 2-3FT, #1     | 10.00       | 120.00        |                |
| 12       | CLETHRA ALNIFOLIA, Sweet Pepperbush, 18-24", #1 POT  | 10.00       | 120.00        |                |
| 12       | ILEX VERTICILLATA, Winterberry 2-3FT, #1             | 11.00       | 132.00        |                |
| 12       | CORNUS AMOMUM, Silky Dogwood, 2-3FT, #1 POT          | 10.00       | 120.00        |                |

ALL PLANTS SUBJECT TO AVAILABILITY AT TIME OF ORDER ENTRY. IF YOU WOULD LIKE TO CHANGE THIS QUOTE INTO AN ORDER PLEASE SEND US YOUR PURCHASE ORDER, OR SIGN AND DATE BELOW INDICATING YOUR ACCEPTANCE OF THIS QUOTE, AND RETURN THIS QUOTATION TO US BY FAX OR EMAIL. ALL QUOTES ARE VALID FOR 30 DAYS. THANK YOU.

|                   |          |
|-------------------|----------|
| SUBTOTAL          | \$726.00 |
| SALES TAX (6.25%) | \$45.38  |
| TOTAL             | \$771.38 |

THANK YOU FOR CONSIDERING NEW ENGLAND WETLAND PLANTS, INC. TO BE YOUR SUPPLIER OF SEED MIXES, EROSION CONTROL PRODUCTS AND LOCAL PROVENANCE NATIVE PLANTS.

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ECOTEC PHOTOS - REPLICATION AREA CONSTRUCTION, 237 CEDAR ST., STURBRIDGE, MA



3. Excavated & finish-graded replication area



4. Wetland plant layout



ECOTEC PHOTOS - REPLICATION AREA CONSTRUCTION, 237 CEDAR ST., STURBRIDGE, MA



5. Finished replication area with plantings, seeding and woody material