



**US Army Corps  
of Engineers**®  
New England District

**V: Self-Verification Notification Form**

(for all tidal and non-tidal projects subject to Corps jurisdiction)

Complete **all** fields (write “none” if applicable) below or use the fillable form at [www.nae.usace.army.mil/missions/regulatory/state-general-permits/massachusetts-general-permit](http://www.nae.usace.army.mil/missions/regulatory/state-general-permits/massachusetts-general-permit). Before work within Corps jurisdiction commences, and unless otherwise specified, email this form, a location map, and project plans drawn to scale and not larger than 11” x 17”, to [cenae-r@usace.army.mil](mailto:cenae-r@usace.army.mil), (978) 318-8303 (fax), or “Regulatory Division, U.S. Army Corps of Engineers, New England District, 696 Virginia Road, Concord, MA 01742-2751”. The Corps will acknowledge receipt of this form in writing. Please call (978) 318-8338 with questions.

Permittee: \_\_\_\_\_  
Address, City, State & Zip: \_\_\_\_\_  
Phone(s) and Email: \_\_\_\_\_

Contractor (write none if same as permittee): \_\_\_\_\_  
Address, City, State & Zip: \_\_\_\_\_  
Phone(s) and Email: \_\_\_\_\_

Prior Corps File or Permit Numbers(s): \_\_\_\_\_  
Project Location (provide detailed description if necessary): \_\_\_\_\_

Address, City, State & Zip: \_\_\_\_\_  
Latitude/Longitude Coordinates (if address doesn't exist): \_\_\_\_\_  
Waterway Name: \_\_\_\_\_

Work will be done under the following activity(s) in Section III, Eligible Activities (check all that apply):

- |        |        |         |         |         |         |
|--------|--------|---------|---------|---------|---------|
| 1_____ | 5_____ | 9_____  | 13_____ | 17_____ | 21_____ |
| 2_____ | 6_____ | 10_____ | 14_____ | 18_____ | 22_____ |
| 3_____ | 7_____ | 11_____ | 15_____ | 19_____ | 23_____ |
| 4_____ | 8_____ | 12_____ | 16_____ | 20_____ |         |

Project Purpose: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Work Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(continued on next page)

Aggregate total wetland impact area: temporary \_\_\_\_\_ SF permanent \_\_\_\_\_ SF  
Aggregate total waterway impact area: temporary \_\_\_\_\_ SF permanent \_\_\_\_\_ SF  
Aggregate total area of structures (e.g., floats, pile-supported structures) temporary \_\_\_\_\_ SF permanent \_\_\_\_\_ SF

Does your project include any indirect or secondary impacts? (See General Condition 3.)

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, describe here: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

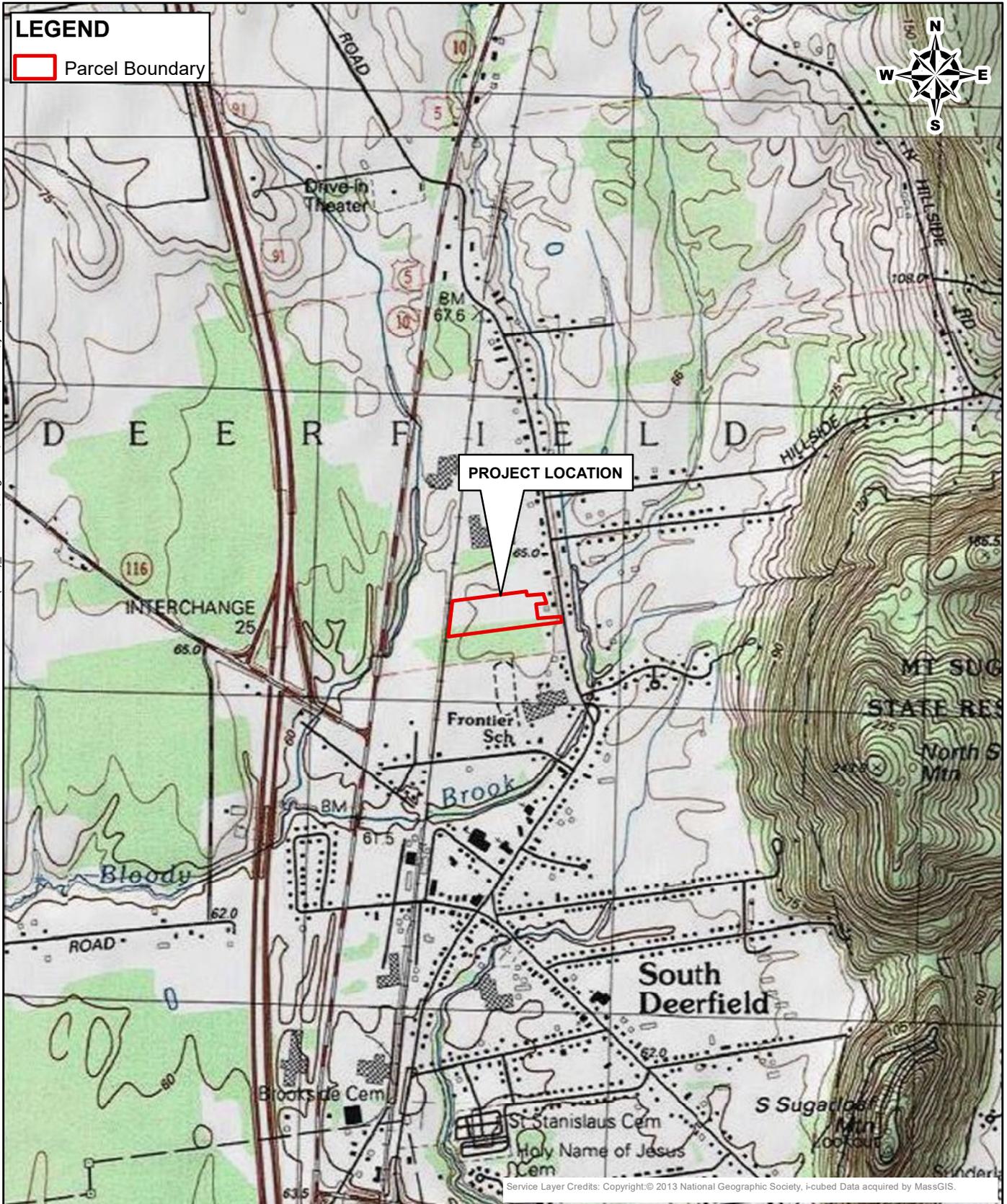
Proposed Work Dates: Start: \_\_\_\_\_ Finish: \_\_\_\_\_

**Your name/signature below, as permittee, confirms that: a) your project meets the self-verification criteria; and b) you accept and agree to comply with the applicable terms and conditions in the General Permits for Massachusetts.**

Permittee Printed Name: \_\_\_\_\_

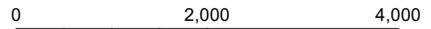
Permittee Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**LEGEND**  
 Parcel Boundary



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SCALE IN FEET

WETLAND DELINEATION  
 NORTH MAIN STREET, DEERFIELD, MA

PREPARED BY:  
 **GZA GeoEnvironmental, Inc.**  
 Engineers and Scientists  
 www.gza.com

PREPARED FOR:  
 TOWN OF DEERFIELD  
 8 CONWAY STREET  
 SOUTH DEERFIELD, MA 01373

LOCUS MAP

PROJ MGR: DMN	REVIEWED BY: DMN	CHECKED BY: DMN	FIG <b>1</b>
DESIGNED BY: JRC	DRAWN BY: JRC	SCALE: 1 in = 2,000 ft	
DATE: 08/13/2020	PROJECT NO: 15.P000082.21	REVISION NO:	

© 2020 - GZA GeoEnvironmental, Inc. J:\0\_166800 - 0\_166899\15.0166801.00\_North Main St Wetland Reconnaissance Deerfield\GIS\mxd\GZA MA TEMPLATE(10.7)\_locus.mxd, August 13, 2020 - 3:46:26 PM, jacquelyn.claver

# PROPOSED MUNICIPAL PARK & FIELDS

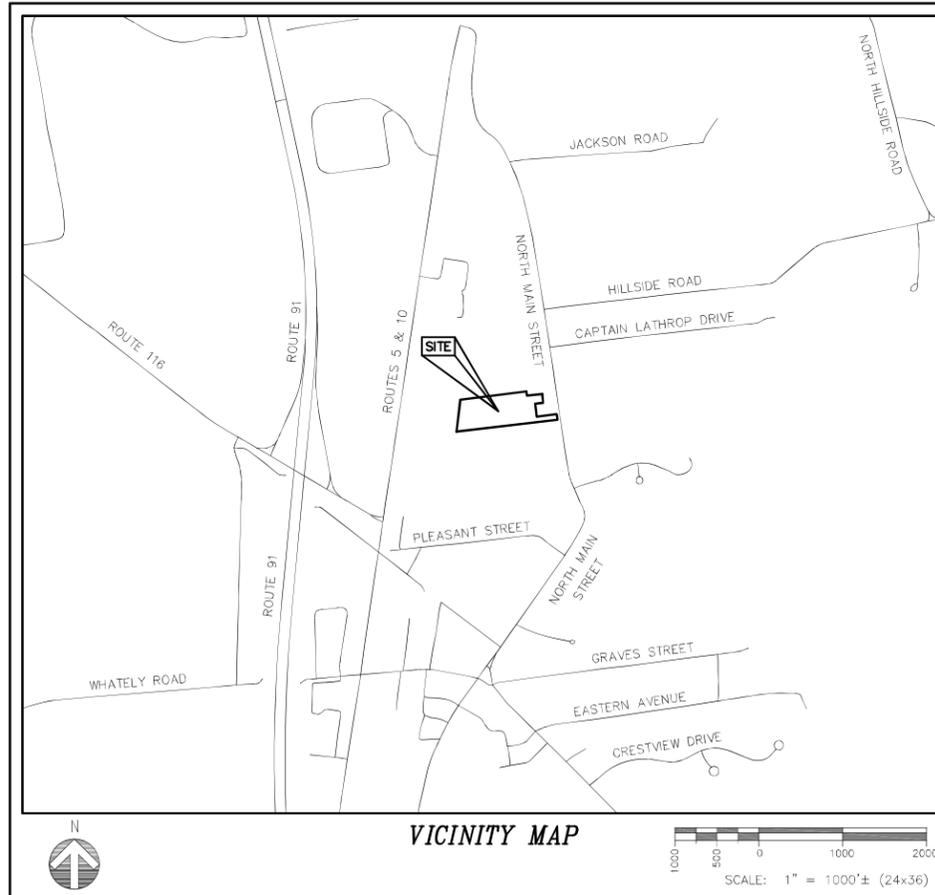
## NORTH MAIN STREET SOUTH DEERFIELD, MA

### DRAWING LIST

SHEET NUMBER	TITLE
C-1	COVER SHEET
GN-1	GENERAL NOTES
GN-2	NOTES & LEGEND
EC-1 thru EC-2	EXISTING CONDITIONS
R-1	RESOURCE PLAN
S-1 thru S-3	SITE PLANS
GR-1 thru GR-3	GRADING PLANS
UT-1 thru UT-2	UTILITY PLANS
ES-1	EROSION CONTROL PLAN
PH-1	PHOTOMETRIC PLAN
D-1 thru D-10	SITE DETAILS
TM-1	TURNING MOVEMENTS PLAN
WR-1	WETLAND REPLICATION PLAN
SR-1	SITE REMOVALS
LS-1	LANDSCAPE PLAN
LS-2	SEEDING PLAN
LS-3	LANDSCAPE DETAILS AND NOTES

### GENERAL NOTES

- THE PLANS HEREIN ARE FOR PERMITTING USE ONLY AND NOT FOR CONSTRUCTION.
- ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND/OR EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL THE FOLLOWING FOR ALL PRE-CONSTRUCTION NOTIFICATION 72-HOURS PRIOR TO ANY EXCAVATION ACTIVITY; DIG SAFE SYSTEM: 1-888-344-7233.



**APPLICANT:**  
SELECTBOARD  
TOWN OF DEERFIELD  
MUNICIPAL OFFICES  
8 CONWAY STREET  
SOUTH DEERFIELD, MA 01373  
PH: 413.665.1400 EXT. 111

**SITE CIVIL ENGINEER:**  
PROTERRA DESIGN GROUP, LLC  
4 BAY ROAD, BUILDING A, SUITE 200  
HADLEY, MA 01035  
CONTACT: JESSE MORENO  
PH: 413.320.4918

**SURVEYOR:**  
NORTHEAST SURVEY CONSULTANTS  
3 FERRY STREET  
EASTHAMPTON, MA 01027  
PH: 413.203.5144

**LANDSCAPE ARCHITECT:**  
PLACE ALLIANCE  
37 SOUTH PLEASANT STREET  
SUITE 3-NE  
AMHERST, MA 01002  
PH: 413.687.1454

**WETLAND SCIENTIST:**  
GZA GEOENVIRONMENTAL, INC.  
1350 MAIN STREET  
SUITE 1400  
SPRINGFIELD, MA 01103  
PH: 413.726.2100

NO.	DATE	SUBMISSION/REVISIONS	BY	CHK	APP'D
A	11/16/21	ISSUED FOR REVIEW	STAFF	JMM	JMM
B	11/24/21	ISSUED FOR REVIEW	STAFF	JMM	JMM
C	12/13/21	ISSUED FOR REVIEW	STAFF	JMM	JMM
D	12/13/21	ISSUED FOR REVIEW	STAFF	JMM	JMM
E	01/25/22	CONS COM SUBMITTAL	STAFF	JMM	JMM

STAMP:  
  
 Jesse Moreno, PE  
 Digitally signed by Jesse Moreno, PE  
 No. 81228, State of Massachusetts  
 1-25-2022

OWNER/APPLICANT:  
**SELECTBOARD  
TOWN OF DEERFIELD  
MUNICIPAL OFFICES  
8 CONWAY STREET  
SOUTH DEERFIELD, MA 01373**

PREPARED BY:  
  
 4 Bay Road, Bldg A Suite 200  
 Hadley, MA 01035  
 PH: (413) 320-4918

TITLE:  
**COVER SHEET**  
 DRAWING NAME.: Deerfield\_COV.dwg  
 JOB NUMBER: 21-006 DATE: JANUARY 25, 2022  
 DESIGN: STAFF CHECK: JMM  
 SCALE: AS NOTED SHEET NO.: C-1

CONSULTANT:

NO.	DATE	REVISIONS
A	11/17/21	ISSUED FOR REVIEW
B	11/24/21	ISSUED FOR REVIEW
C	12/13/21	ISSUED FOR REVIEW
D	12/13/21	ISSUED FOR REVIEW
E	01/25/22	CONS. COM. SUBMITTAL

TITLE: **PROPOSED MUNICIPAL PARK & FIELDS**  
NORTH MAIN STREET,  
SOUTH DEERFIELD, MA

OWNER/APPLICANT:  
**SELECTBOARD  
TOWN OF DEERFIELD, MUNICIPAL OFFICES  
8 CONWAY STREET  
SOUTH DEERFIELD, MA 01373**

STAMP:



DATE: 01/25/2022  
DRAWN: STZ/BLM  
CHECK: JMM/TEJ  
SCALE: SEE PLAN  
JOB NO.: 21-006

SHEET TITLE:  
**RESOURCE  
PLAN**

**R-1**



NOTE:  
WETLAND DELINEATION PERFORMED BY GZA GEOENVIRONMENTAL,  
INC. ON NOVEMBER 6, 2019 & AGAIN ON AUGUST 12, 2020.



PROTERRA DESIGN GROUP, LLC ASSUMES  
NO RESPONSIBILITY FOR EXISTING UTILITY  
LOCATIONS (HORIZONTAL OR VERTICAL).  
THE EXISTING UTILITIES SHOWN ON THIS  
DRAWING HAVE BEEN PLOTTED FROM THE  
BEST AVAILABLE INFORMATION. IT IS  
THE RESPONSIBILITY OF THE CONTRACTOR  
TO FIELD VERIFY THE LOCATION OF ALL  
UTILITIES PRIOR TO THE COMMENCEMENT  
OF ANY CONSTRUCTION.

CONSULTANT:

NO.	DATE	REVISIONS
A	11/17/16	ISSUED FOR REVIEW
B	11/24/16	ISSUED FOR REVIEW
C	12/13/16	ISSUED FOR REVIEW
D	12/13/16	ISSUED FOR REVIEW
E	01/25/17	CONS. COM. SUBMITTAL

NO.	DATE	REVISIONS
A	11/17/16	ISSUED FOR REVIEW
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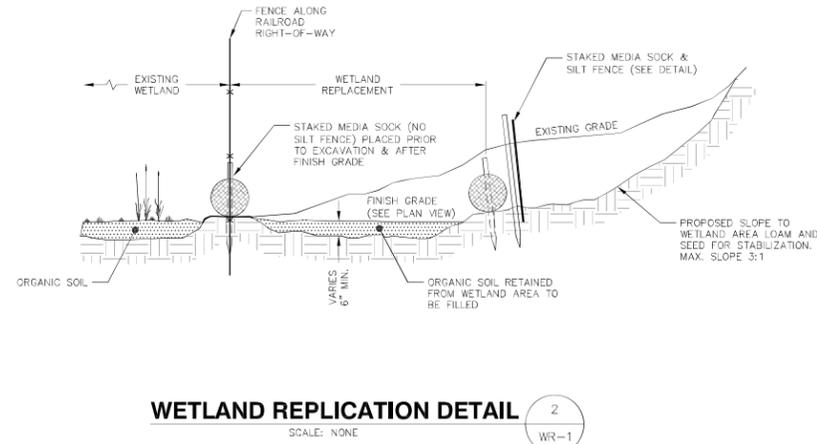
TITLE: **PROPOSED MUNICIPAL PARK & FIELDS**  
NORTH MAIN STREET,  
SOUTH DEERFIELD, MA  
OWNER/APPLICANT:  
**TOWN OF DEERFIELD, MUNICIPAL OFFICES**  
8 CONWAY STREET  
SOUTH DEERFIELD, MA 01373  
SELECTOR:  
JESSE M. MORENO

STAMP:  
  
 DATE: 01/25/2022  
 DRAWN: STZ/BLM  
 CHECK: JMV/TEJ  
 SCALE: SEE PLAN  
 JOB NO.: 21-006  
 SHEET TITLE:

DATE: 01/25/2022  
 DRAWN: STZ/BLM  
 CHECK: JMV/TEJ  
 SCALE: SEE PLAN  
 JOB NO.: 21-006

SHEET TITLE:  
**WETLAND  
REPLICATION PLAN**

**WR-1**



**WETLAND REPLICATION NOTES:**

1. THE REPLACEMENT AREA SHALL MEET STRICT PERFORMANCE STANDARDS AS LISTED UNDER 310 CMR 10.55(4)(b). THESE STANDARDS HAVE BEEN SET IN ORDER TO PROTECT THE FUNCTIONS WHICH BORDERING VEGETATED WETLANDS PROVIDE. THESE STANDARDS SHALL BE MET BY ADHERING TO THE FOLLOWING CONSTRUCTION SPECIFICATIONS.
2. ALL WORK ON THE REPLACEMENT AREAS SHALL BE PERFORMED UNDER THE SUPERVISION OF AN ENVIRONMENTAL PROFESSIONAL (EP) INCLUDING EXCAVATION, ORGANIC SOIL REPLACEMENT, PLANTING AND SEEDING.
3. ALL WORK SHALL PROCEED AS PER PLANS APPROVED AND NOTED IN THE ORDER OF CONDITIONS AND OTHER APPLICABLE PERMITS.
4. THE WETLAND REPLACEMENT AREAS INDICATED ON THE PLAN SHALL BE BROUGHT TO THE INDICATED SUBGRADE (SEE WETLAND REPLACEMENT CROSS-SECTION) BEFORE THE REPLACEMENT AREA SOILS ARE PLACED.
5. SOILS IN THE PREPARED REPLACEMENT AREA SHALL COMPRISE A 6"± B HORIZON CONSISTING OF SANDY LOAM FROM THE SITE BOTH WITHIN AND ADJACENT TO WETLANDS, AND A 6"± A HORIZON CONSISTING OF SANDY LOAM AND DECOMPOSED LEAF LITTER OR OTHER APPROVED ORGANIC MATTER, TO PROVIDE A MIN. 50% ORGANIC MATTER BY VOLUME. ANY IMPORTED WETLAND SOIL AND SOIL AMENDMENT MATERIAL SHALL BE INSPECTED BY THE EP FOR INVASIVE/EXOTIC SPECIES PRIOR TO TRANSLOCATION TO THE SITE. COARSE, WOODY DEBRIS SHALL BE ADDED TO 10% OF THE REPLACEMENT WETLAND SURFACE AREA.
6. WHEN FINAL GRADE IS ESTABLISHED IN THE REPLACEMENT AREAS, A WETLAND SEED MIX SUCH AS NEW ENGLAND WETMIX BY NEW ENGLAND WETLAND PLANTS, INC., AMHERST MASSACHUSETTS, OR APPROVED EQUAL SHALL BE BROADCAST THROUGHOUT THE AREA AT AN APPLICATION RATE OF 1 LB PER 2500 SF OF AS SPECIFIED BY THE MANUFACTURER, AND IT SHALL BE MULCHED WITH 1-2" THICK LAYER OF STRAW AND MAINTAINED UNTIL VEGETATION HAS BEEN ESTABLISHED.
7. TWO ANNUAL INSPECTIONS SHALL BE MADE OF THE COMPLETED REPLACEMENT AREA BY THE EP, IN COMPLIANCE WITH MASSACHUSETTS INLAND WETLAND REPLICATION GUIDELINES, MARCH, 2002, IN ORDER TO DETERMINE WHETHER ADDITIONAL PLANTINGS (NATURAL OR FROM A NURSERY) WILL BE NECESSARY, AS WELL AS ASSESS THE OVERALL SUCCESS OF THE REPLACEMENT PROCEDURES.
8. WITHIN TWO GROWING SEASONS, AT LEAST 75 % OF THE SURFACE OF THE REPLACEMENT AREAS SHALL BE REESTABLISHED WITH INDIGENOUS WETLAND PLANT SPECIES. IF RE-ESTABLISHMENT IS INCOMPLETE AS JUDGED BY THE EP, THE CONTRACTOR SHALL MAKE ADDITIONAL PLANTINGS WITH SPECIES WHICH ALREADY OCCUR IN THE ADJACENT WETLAND.
9. IF ANY QUESTIONS ARISE CONCERNING IMPLEMENTATION OF THESE WETLAND CONSTRUCTION SPECIFICATIONS, THE EP SHALL BE CONTACTED IMMEDIATELY.
10. DURING THE TWO ANNUAL INSPECTIONS OF THE REPLACEMENT WETLAND AREA, THE EP SHALL IDENTIFY AND REMOVE BY HAND ALL INVASIVE PLANT SPECIES. IF THE INVASIVE POPULATION EXCEEDS 10% OF THE AERIAL EXTENT OF THE REPLACEMENT WETLAND AREA, AN INVASIVE SPECIES ACTION PLAN WILL BE SUBMITTED TO DEP FOR REVIEW AND APPROVAL.

**NEW ENGLAND WETMIX (WETLAND SEED MIX)**

BOTANICAL NAME	COMMON NAME	INDICATOR
<i>Carex vulpinoidea</i>	Fox Sedge	OBL
<i>Carex scoparia</i>	Blunt Broom Sedge	FACW
<i>Carex lurida</i>	Lurid Sedge	OBL
<i>Carex lupulina</i>	Hop Sedge	OBL
<i>Poa palustris</i>	Fowl Bluegrass	FACW
<i>Blidens frondosa</i>	Beggar Ticks	FACW
<i>Scripus atrovirens</i>	Green Bulrush	OBL
<i>Aclepias incarnata</i>	Swamp Milkweed	OBL
<i>Carex crinita</i>	Fringed Sedge	OBL
<i>Vernonia noveboracensis</i>	New York Ironweed	FACW+
<i>Juncus effusus</i>	Soft Rush	FACW+
<i>Aster lateriflorus</i> ( <i>Symphyotrichum lateriflorum</i> )	Starved/Calico Aster	FACW
<i>Iris versicolor</i>	Blue Flag	OBL
<i>Glyceria grandis</i>	American Mannagrass	OBL
<i>Mimulus ringens</i>	Square Stemmed Monkey Flower	OBL
<i>Eupatorium maculatum</i> ( <i>Eutrochium maculatum</i> )	Spotted Joe Pye Weed	OBL

**RESOURCE SUMMARY**

ITEM	QUANTITY
BORDERING VEGETATED WETLAND (BVW) FILL	2,770± SF
BORDERING VEGETATED WETLAND (BVW) RESTORATION	480± SF
WETLAND REPLICATION (>1.5:1)	5,000± SF
BANK DISTURBANCE (SEE RESOURCE PLAN)	38± LF
100' BUFFER DISTURBANCE	220,625± SF
BUFFER ENHANCEMENT AREA	1,255± SF

**PLANTING LIST FOR WETLAND REPLICATION, RESTORATION, & ENHANCEMENT**

SYMBOL	COMMON NAME	SCIENTIFIC NAME	NUMBER	SIZE
<b>TREES (n=19)*</b>				
RM	RED MAPLE (FAC)	<i>ACER rubrum</i>	6	4 TO 6'
SWO	SWAMP WHITE OAK (FACW)	<i>Quercus bicolor</i>	6	4 TO 6'
YB	YELLOW BIRCH (FAC)	<i>Betula alleghaniensis</i>	7	4 TO 6'
<b>SHRUBS (n=50)*</b>				
SPB	SWEET PEPPERBUSH (FAC+)	<i>Clethra alnifolia</i>	11	3 GAL. POT
HBB	HIGHBUSH BLUEBERRY (FACW)	<i>Vaccinium corymbosum</i>	11	3 GAL. POT
WB	WINTERBERRY (FACW+)	<i>Ilex verticillata</i>	13	3 GAL. POT
SB	SPICEBUSH (FACW-)	<i>Lindera benzoin</i>	15	3 GAL. POT
<b>SEED MIX</b>				
	NEW ENGLAND WETLAND PLANTS WETMIX OR EQUIVALENT	REPLICATION, RESTORATION, & ENHANCEMENT AREA	1	6 lbs ±

\*PLANTING SPECIES AND SEEDMIXES MAY BE SUBSTITUTED WITH CONSERVATION COMMISSION APPROVAL WITH SIMILAR NATIVE SPECIES WITH THE SAME WETLAND INDICATOR STATUS IF CERTAIN SPECIES ARE AVAILABLE.

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