

Littleton Conservation Commission Enforcement Order Recovery Plan for 172 Whitcomb Ave

Contact Tim Pierce 978 540 2427

Conservation Meeting

11/13 – Agenda to be mailed

11/18 - 7:30 Present plan to Restore Land Conservation Board (Zoom)

How it Happened :

Russian Olive and Bittersweet invading each year overtaking natural foliage and ability to maintain Lawn

I Asked a landscape Contractor in September to clear ½ acre behind my house of Invasive plants while he was in neighborhood to clear common Neighborhood Stream and a neighbors pond area – area overgrown with invasive Bittersweet & Russian Olive

My goal was to removed Bittersweet and Russian Olive Overgrowth and restore property to natural grass / foliage

I have **no plans to develop the land** just trying to restore and get rid of overgrown invasives

I was not aware that area is in flood plain (Conservation Land) – I know that's not an excuse

I thought my property went to waters edge was not aware of town owned land from water's edge – I know that's not an excuse

I didn't know that invasive vegetation removal required a permit or **I absolutely would not have done it**

Been in House 27 years with no town or conservation related issues or complaints

Impacted Area which was cleared (measured conservatively as 150 feet x 150 feet waters edge to mowed lawn edge and left / right property borders) (1/2 Acre Total)

Proposed Recovery Plan to Conservation Board :

Plant Blend New England Erosion Control/Restoration Mix & New England Conservation/Wildlife Mix

Plant ½ Acre impacted area from water's edge and planning to replant left side of my property as well. Will plant liberally to ensure coverage. I will plant as directed / approved by conservation board (**22,500 Sq Feet / ½ Acre**). **I will provide receipts.**

Planning to plant in Early Spring (March) if agreeable to by Conservation board.

Plan to plant myself but willing to hire contractor to plant /or/ have supervised by Town if preferred.

Send monthly photos to Conservation Committee.

Accommodate and support any inspections & follow up visits as directed by town.

Bottom Line I will comply with Process & Follow up Steps to Close Enforcement Order (s) as directed by town:

Goal is to be considered environmentally aware by conservation board and proud property owner in Littleton .

What are next Steps Process, Milestones and Timing to close Enforcement Order (Spring, Summer , Fall) ?

Planting approval and coordination.

Town Inspection of Site.

Provide photos or other evidence as required by Town.

Photo Before Clearing:



Photos After Clearing



Proposed Seed



<https://newp.com>

<https://newp.com/product/new-england-conservation-wildlife-mix/>

<https://newp.com/product/new-england-erosion-control-restoration-mix-for-detention-basins-and-moist-sites/>

New England Erosion Control/Restoration Mix For Detention Basins and Moist Sites

species:

Riverbank Wild Rye (*Elymus riparius*), Creeping Red Fescue (*Festuca rubra*), Little Bluestem (*Schizachyrium scoparium*), Big Bluestem (*Andropogon gerardii*), Switch Grass (*Panicum virgatum*), Upland Bentgrass (*Agrostis perennans*), Nodding Bur Marigold (*Bidens cernua*), Hollow-Stem Joe Pye Weed (*Eupatorium fistulosum*/*Eutrochium fistulosum*), New England Aster (*Aster novae-angliae*), Boneset (*Eupatorium perfoliatum*), Blue Vervain (*Verbena hastata*), Soft Rush (*Juncus effusus*), Wool Grass (*Scirpus cyperinus*).

New England Erosion Control/Restoration Mix For Detention Basins and Moist Sites quantity

▪ Description

The New England Erosion Control/Restoration Mix for Detention Basins and Moist Sites contains a selection of native grasses and wildflowers designed to colonize generally moist, recently disturbed sites where quick growth of vegetation is desired to stabilize the soil surface. It is an appropriate seed mix for ecologically sensitive restorations that require stabilization as well as long-term establishment of native vegetation.

This mix is particularly appropriate for detention basins that do not hold standing water. Many of the plants in this mix can tolerate infrequent inundation, but not constant flooding. The mix may be applied by hand, by the mechanical spreader, or by hydro-seeder. After sowing, lightly rake, roll or cultipack to insure good seed to soil contact. Best results are obtained with a Spring or late Summer seeding. Late Fall and Winter dormant seeding requires an increase in the application rate. A light mulching of clean, weed-free straw is recommended.

New England Conservation/Wildlife Mix

species:

Virginia Wild Rye (*Elymus virginicus*), Little Bluestem (*Schizachyrium scoparium*), Big Bluestem (*Andropogon gerardii*), Red Fescue (*Festuca rubra*), Switch Grass (*Panicum virgatum*), Partridge Pea (*Chamaecrista fasciculata*), Panicledleaf Tick Trefoil (*Desmodium paniculatum*), Indian Grass (*Sorghastrum nutans*), Blue Vervain (*Verbena hastata*), Butterfly Milkweed (*Asclepias tuberosa*), Black Eyed Susan (*Rudbeckia hirta*), Common Sneezeweed (*Helenium autumnale*), Heath Aster (*Aster pilosus*/*Symphyotrichum pilosum*), Early Goldenrod (*Solidago juncea*), Upland Bentgrass (*Agrostis perennans*).

25lbs/acre | 1750 sq ft/lb

Description

The New England Conservation/Wildlife Mix provides a permanent cover of grasses, wildflowers, and legumes. For both good erosion control and wildlife habitat value. The mix is designed to be a no-maintenance seeding, and is appropriate for cut and fill slopes, detention basin side slopes, and disturbed areas adjacent to commercial and residential projects.

Spec Sheets :

NEW ENGLAND WETLAND PLANTS, INC

14 Pearl Lane South Hadley, MA 01075

PHONE: 413-548-8000 FAX 413-549-4000

EMAIL: INFO@NEWP.COM WEB ADDRESS: WWW.NEWP.COM

New England Erosion Control/Restoration Mix For Detention Basins and Moist Sites

Botanical Name	Common Name	Indicator
<i>Elymus riparius</i>	Riverbank Wild Rye	FACW
<i>Schizachyrium scoparium</i>	Little Bluestem	FACU
<i>Festuca rubra</i>	Red Fescue	FACU
<i>Andropogon gerardii</i>	Big Bluestem	FAC
<i>Panicum virgatum</i>	Switch Grass	FAC
<i>Veronica noveboracensis</i>	New York Ironweed	FACW+
<i>Agrostis perennans</i>	Upland Bentgrass	FACU
<i>Bidens frondosa</i>	Beggar Ticks	FACW
<i>Eupatorium maculatum</i> (<i>Eutrochium maculatum</i>)	Spotted Joe Pye Weed	OBL
<i>Eupatorium perfoliatum</i>	Boneset	FACW
<i>Aster novae-angliae</i> (<i>Symphyotrichum novae-anglia</i>)	New England Aster	FACW-
<i>Scirpus cyperinus</i>	Wool Grass	FACW
<i>Juncus effusus</i>	Soft Rush	FACW+

APPLY: 35 LBS/ACRE :1250 sq ft/lb

The New England Erosion Control/Restoration Mix for Detention Basins and Moist Sites contains a selection of native grasses and wildflowers designed to colonize generally moist, recently disturbed sites where quick growth of vegetation is desired to stabilize the soil surface. It is an appropriate seed mix for ecologically sensitive restorations that require stabilization as well as long-term establishment of native vegetation. This mix is particularly appropriate for detention basins that do not hold standing water. Many of the plants in this mix can tolerate infrequent inundation, but not constant flooding. The mix may be applied by hand, by mechanical spreader, or by hydro-seeder. After sowing, lightly rake, roll or cultipack to insure good seed-to-soil contact. Best results are obtained with Spring or late Summer seeding. Late Fall and Winter dormant seeding requires an increase in the application rate. A light mulching of clean, weed-free straw is recommended.

New England Wetland Plants, Inc. may modify seed mixes at any time depending upon seed availability. The design criteria and ecological function of the mix will remain unchanged. Price is \$/bulk pound, FOB warehouse, Plus SH and applicable taxes.

NEW ENGLAND WETLAND PLANTS, INC

14 Pearl Lane South Hadley, MA 01075

PHONE: 413-548-8000 FAX 413-549-4000

EMAIL: INFO@NEWP.COM WEB ADDRESS: WWW.NEWP.COM

New England Conservation/Wildlife Mix

Botanical Name	Common Name	Indicator
<i>Elymus virginicus</i>	Virginia Wild Rye	FACW-
<i>Schizachyrium scoparium</i>	Little Bluestem	FACU
<i>Andropogon gerardii</i>	Big Bluestem	FAC
<i>Festuca rubra</i>	Red Fescue	FACU
<i>Sorghastrum nutans</i>	Indian Grass	UPL
<i>Panicum virgatum</i>	Switch Grass	FAC
<i>Chamaecrista fasciculata</i>	Partridge Pea	FACU
<i>Desmodium canadense</i>	Showy Tick Trefoil	FAC
<i>Asclepias tuberosa</i>	Butterfly Milkweed	NI
<i>Bidens frondosa</i>	Beggar Ticks	FACW
<i>Eupatorium purpureum</i> (<i>Eutrochium maculatum</i>)	Purple Joe Pye Weed	FAC
<i>Rudbeckia hirta</i>	Black Eyed Susan	FACU-
<i>Aster pilosus</i> (<i>Symphyotrichum pilosum</i>)	Heath (or Hairy) Aster	UPL
<i>Solidago juncea</i>	Early Goldenrod	

APPLY: 25 LBS/ACRE :1750 sq ft/lb

The New England Conservation/Wildlife Mix provides a permanent cover of grasses, wildflowers, and legumes

For both good erosion control and wildlife habitat value. The mix is designed to be a no maintenance seeding, and is appropriate for cut and fill slopes, detention basin side slopes, and disturbed areas adjacent to commercial and residential projects.

New England Wetland Plants, Inc. may modify seed mixes at any time depending upon seed availability. The design criteria and ecological function of the mix will remain unchanged. Price is \$/bulk pound, FOB warehouse, Plus SH and applicable taxes.