

**Town of Milford**  
ZONING BOARD OF ADJUSTMENT



**NOTICE OF HEARING**

Town Hall  
1 Union Square  
Milford, NH 03055-4240  
(603) 249-0620  
Fax (603) 673-2273  
www.milford.nh.gov  
TDD Access:  
Relay NH 1-800-735-2964

Notice is hereby given for a Public Hearing to be held on May 17, 2012 at 7:00 PM in the Board of Selectmen's Meeting Room.

Trombly Land Trust c/o Stephen Trombly, applicant and owner, of Map 8, Lots 5 & 10, off North River Rd, in the Residence "R" district, is requesting a Special Exception for the purposes of stabilizing and restoring eroding river bank and buffer:

Article VI, Section 6.02.6:A for proposed bank stabilization and the restoration of the 50ft riparian buffer in three areas totaling 124 linear feet.

Article VI, Section 6.02.6:B for proposed restoration of 1,453 SF of riverbank/buffer.

Case # 2012-09

Dated: May 4, 2012

*Kevin Johnson*  
Kevin Johnson, Chairman

Owner/authorized representative must attend hearing; abutters requested to attend.



TOWN OF MILFORD  
RECEIVED  
APR 23 2012  
PB ZBA Office

SPECIAL EXCEPTION  
Date Received: 4/23/12  
Case #: 2012-09  
Rehearing #:  
(W) APPL # 20120638

PAID CK # 3754  
4/23/12 \$162.00

TOWN OF MILFORD  
ZONING BOARD OF ADJUSTMENT  
APPLICATION FOR SPECIAL EXCEPTION

915690

Name of applicant: Trombly Land Trust c/o Stephen Trombly Phone #: 603-672-0215

Email Address: stevetrombly@hotmail.com

3014

Address: 196 North River Road, Milford NH 03055

Owner: Same  
(If same as applicant, write "same")

Address: \_\_\_\_\_

#7319

Location of property: off North River Road Map 8 Lot 10 & 5  
(Number and street)

Description of property: Actively cultivated agricultural farm fields abutting the Souhegan River, also having a Conservation Easement held by the Town of Milford for the purposes of using and maintaining the Souhegan River Trail. Lot 10 (10 ac) is tilled and under active cultivation, Lot 5 (15.7 ac) is also under active farm use and is currently being used as a hay field.  
(Lot dimension, total area, present use)

This application is not considered acceptable unless all required statements have been made and all sections completed. Additional information may be supplied on separate sheets if necessary.

Fees: \$75.00 per case plus \$5.60 per abutter, including owner and representative (if applicable)

Town of Milford New Hampshire  
One Union Square · Milford, NH 03055 · Phone (603) 249-0620 · Fax (603) 673-2273  
www.milford.nh.gov

**Section 1 - APPLICATION FOR A SPECIAL EXCEPTION**

The undersigned hereby requests a special exception as specified in the Milford Zoning Ordinance. Article IV Section 6.02.6

Description of proposed use: The proposal is for bank stabilization and the restoration of the 50 ft riparian buffer in three areas, each of which is less than 50 linear feet and total 124 linear feet and involve the restoration of 1453 sq ft total of riverbank / buffer for the purposes of stabilizing and restoring the eroding bank and buffer damaged by several large storm damaged tree throws redirecting river waters into riverbank.

Facts supporting this request:

1. The proposed use shall be similar to those permitted in the district:  
The proposed use is the same as the existing agricultural use which is permitted in the district. This is a restoration and enhancement project of damaged and degraded wetland. (Please see attached sheet)

2. The specific site is an appropriate location for the proposed use because:  
There is no change in location or use, this is a restoration and enhancement project of a damaged and degraded wetland. (Please see attached sheet)

3. The use as developed will not adversely affect the adjacent area because:  
There is no change in use, this is a restoration and enhancement project of a damaged and degraded wetland which will restore and enhance the riparian buffer in the project area. (Please see attached sheet)

4. There will be no nuisance or serious hazard to vehicles or pedestrians:  
This is a restoration project which will stabilize and restore the affected areas which will remove and/or minimize the existing hazard of a steep undercut, eroded bank immediately adjacent to and within the Souhegan River Trail. (Please see attached sheet)

5. Adequate appropriate facilities will be provided for the proper operation of the proposed use because:  
There is no change in use, this is a restoration project which will stabilize the bank and restore the riparian buffer. (Please see attached)

**Section 2 - ABUTTERS**

See attached sheet.

**Section 3 - ATTACHMENTS**

- A. Plan of property and all buildings, drawn to scale, is required.
- B. Building permit application as needed (to be determined by building official.)
- C. Additional explanations, justification, abutter's statements, letters, etc.

**Section 4 - REPRESENTATION**

Owner(s) authorization for applicant or other agent to represent the owner at the proceedings

Fieldstone Land Consultants, PLLC - Christopher A. Guida, CSS, CWS  
Print name of person or party representing the owner(s)

The applicant or agent, as stated hereon, has authorization from the property owner to submit this Zoning Board of Adjustment application and to represent the property owner on matters relative to said process.

Trombley Land Holding Stephen Trombley 4-20-12  
 Owner's Signature Date

**Section 5 - SIGNATURES**

Signature of Applicant Trombley Land Holding Date 4-20-12

Signature of Owner Stephen Trombley Date 4-20-12

Signature of Zoning Official Bill Parker Date 4/26/12

Community Development Director /  
Zoning Administrator

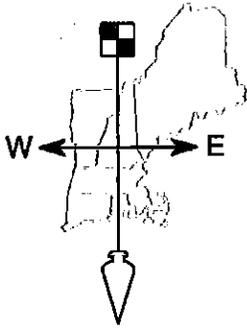
For office use only

**CODE ENFORCEMENT OFFICER'S DECISION AND COMMENTS:**

As noted in the comprehensive attached narratives the  
proposed stabilization/restoration project has been  
thoroughly reviewed by appropriate local, state, and  
Federal entities to determine best practices for the  
needed project.

Bill Parker 4/26/12

Revised 3/10



# FIELDSTONE

LAND CONSULTANTS, PLLC

778 Elm Street Suite C, Milford, NH 03055 - Phone: 603-672-5456 - Fax: 603-413-5456  
www.FieldstoneLandConsultants.com

Surveying ♦ Engineering  
Land Planning ♦ Septic Designs

TROMBLY LAND TRUST  
MAP 8, LOT 10 & 5  
SPECIAL EXCEPTION CRITERIA  
ARTICLE VI, SECTION 6.02.6

TOWN OF MILFORD RECEIVED  APR 23 2012  PB _____ ZBA _____ Office _____
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## Description of proposed use:

The proposed use is the same as the existing use. This is a restoration and enhancement project to stabilize the bank and restore a working riparian buffer throughout the affected area. The intent of the project is for the stabilization of 3 isolated areas of bank erosion caused by several large trees toppled by the October 2011 snowstorm which redirected river waters into the bank causing significant erosion of the bank. The project areas are identified as Area 1, 2, 3; each area has less than 50 linear feet of disturbance and a total of 1453 square feet of bank disturbance for all three areas. Although each area is less than 50 LF, wetland regulations require the permit to be a sum of all work areas which total 124 LF total which although still maintains a minimum disturbance is required to be field under the standard wetland application which requires a Special Exception from the Town ZBA. The existing use is undeveloped woodland and agricultural farm fields within the 50 foot Wetland Buffer associated with the Souhegan River. The property is under the current use tax category and has a conservation easement which among other things allows for the use of portions of the property along the river to be used as part of the Souhegan River Trail (a designated hiking trail). Due to several large trees along the riverbank falling over into the river and redirecting water flow into the bank several localized areas of riverbank have been significantly eroded causing excessive amounts of soil to be discharged into the river. Soil particles tend to have nutrients such as nitrogen, phosphorus and others attached to them which when eroded are transferred into the river waters and dissolved and deposited downstream of the eroded area. Such excessive nutrient loading on water bodies could result in degraded water quality such parameters such as decreased clarity, increased biological oxygen demand, decreased dissolved oxygen and physical sedimentation within sensitive areas used by salmonoid species for spawning purposes. The eroded riverbank is also causing the loss of active prime farmland which has been diminishing in the state and is seen as a vital environmental and community resource.

The property owner has also entered into an agreement with the NRCS through the Environmental Quality Incentive Program (EQUIP) regarding the re-establishment of a working buffer along the Souhegan River in the proposed work area as well as additional areas. The cultivated farm fields are to be moved back away from the riverbank (35 ft) and replanted with appropriate native trees and shrubs, with an additional 10 feet of native grasses beyond the tree/shrub buffer. The proposed use to stabilize and re-vegetate the riverbank in the localized areas will work in conjunction with the buffer restoration as proposed by the NRCS.

Facts supporting this request: Article X Section 10.02.1

- A. **The proposed use shall be similar to those permitted in the district:** The proposed use will remain the same as the existing use of undeveloped woodland and agricultural farm fields with the exception of relocating the edge of active cultivated fields back away from the riverbank and riparian buffer (35 ft trees/shrubs & 10 ft grasses/legumes which have the ability to fix nitrogen in the soil). The wooded buffer is to be stabilized with straw and/or jute matting/erosion control fabric and replanted with native

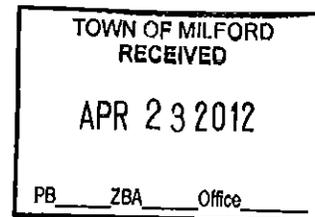
shrubs and saplings. Proposed plantings will be located to assure trail access for the Souhegan River Trail is not restricted.

- B. **The specific site is an appropriate location for the proposed use because:** The location of the proposed use is unchanged from the existing use. Proposal is for the stabilization of the riverbank which is actively being eroded causing added siltation and pollution into the river and damage to the riverbank and buffer zone. Work is proposed only in the areas that have already been damaged and excessively eroded. Areas with existing vegetation and that appear to be stable will remain undisturbed and not be part of the restoration project.
- C. **The use as developed will not adversely affect the adjacent area because:** The proposed use is the same as the existing use; with the exception of the restoration of previously damaged and eroded areas. The project is being proposed specifically to prevent additional damage to the adjacent area as well as all areas downstream including fish and wildlife which may be adversely affected by additional siltation within the river. A meeting was held in February 2011 at the site which included the land owners and members from Nashua Local River Advisory Committee, NRCS, NHDES Wetlands Bureau, NHDES fluvial morphologist, NH Fish and Game fisheries biologist and non-game dept, and Milford Conservation Commission; meeting attendants agreed that the site was in need of stabilization and restoration in order to prevent further erosion and damage to the riparian buffer as well as pollution to the river and detrimental affects to fish and other aquatic species.
- D. **There will be no nuisance or serious hazard to vehicles or pedestrians:** The proposed project will not cause nuisance or serious hazard to vehicles or pedestrians; the proposal is to stabilize the eroded river bank and re-establish and re-vegetate the riparian buffer in the area. The restoration project will restore the eroded areas and remove and/or minimize the existing hazard of steep eroded and undercut banks adjacent to and within the Souhegan River Trail. The proposed work will not restrict access or passage along the River Trail except during construction, pedestrian traffic will need to be rerouted for safety purposes.
- E. **Adequate appropriate facilities will be provided for the proper operation of the proposed use because:** The proposed restoration will provide safe slopes, grading and vegetation to allow for safe passage or pedestrians and erosion control measures such as silt fence, erosion control fabric will be applied to stabilize slopes until vegetation becomes established within project areas.



Christopher A. Guida, C.S.S.; C.W.S.  
Certified Soil & Wetland Scientist

TROMBLY LAND TRUST  
MAP 8, LOT 10 & 5  
CRITERIA FOR EVALUATION  
ARTICLE VI, SECTION 6.02.7



**6.02.7 CRITERIA FOR EVALUATION**

**A. For all projects requiring a Special Exception the applicant shall demonstrate by plan or example that the following factors have been considered in their design:**

**1. The need for the proposed project;** A meeting was held in February 2011 at the site which included the land owners and members from Nashua Local River Advisory Committee, NRCS, NHDES Wetlands Bureau, NHDES fluvial morphologist, NH Fish and Game fisheries biologist and non-game dept, and Milford Conservation Commission; meeting attendants agreed that the site was in need of stabilization and restoration in order to prevent further erosion and damage to the riparian buffer as well as pollution to the river and detrimental affects to fish and other aquatic species. Also a site inspection was made by this office as well which confirmed the need for the proposed project in order to prevent excessive pollution to the river and aquatic life as well as the loss of riparian buffer and designated prime agricultural farmland.

**2. The plan proposed is the alternative with the least impact to the wetlands, surface waters and/or their associated buffers;** As previously mentioned the proposal is for the stabilization of three sections of eroded riverbank and the restoration and continued maintenance of an extended riparian buffer zone (35 feet of shrubs and trees and 10 feet of native grasses which will help to minimize and/or prevent erosion from the existing localized areas of erosion within the project area. Also, any invasive species observed within the project area will be removed and destroyed and area re-vegetated with native species as specified. Allowing the eroded areas to continue eroding into the river would create an unnecessary pollution source to the river, wildlife and community downstream of the affected area; stabilizing and restoring the bank and buffer zone is the responsible alternative to inaction.

**3. The impact on plants, fish and wildlife;** The intent of the entire project is to protect and promote the health and habitat for native plants, fish and wildlife along the Souhegan River. The ongoing erosion is greater than normal conditions due to the storm damage to large trees along the riverbank toppled by the October 2011 snowstorm; the potential for massive erosion to the adjacent farm fields during flood events could be catastrophic due to the loss of tons of soil from fields as well as degraded habitat for trout and salmon within the river due to excessive siltation as well as the potential introduction of farming production products such as fertilizers. The current low rainfall this spring has provided a unique opportunity for the damage to be repaired during low flow conditions of the river as well as allowing vegetation to become established prior to the next annual flood season. Fish and Game officials have reported that they have had returning adult salmon to the Souhegan River and are working towards reestablishing the native salmon population in the river; stabilizing excessively eroded riverbanks and restoring riparian buffer zones is critical to the health of finfish and benthic

macro-invertebrates with the Souhegan River watershed. The large boulders proposed for the base of the stabilized slope will also provide premium habitat structure for all species of fish including trout and salmon. The existing native plants within the buffer area will be maintained and if any invasive species are found they will be removed and rendered inert and replaced with native species as specified. According to a requested review by the New Hampshire Natural Heritage Bureau, there were no recorded occurrences for rare species nor exemplary natural communities mapped in the project vicinity.

**4. The impact on the quantity and/or quality of surface and ground water;** Again the intent of the proposed bank stabilization and buffer restoration is to restore and maintain a working the riparian buffer which will serve to improve the quality of surface and groundwater by re-establishing the natural riparian buffer which serves to minimize soil erosion and pollution and filter storm water and surface water which improves the quality by reducing the temperature, reducing excess nutrients and increasing dissolved oxygen content. The proposed project is designed to improve the quality of surface and/or groundwater. The required grading will not redirect the flow of runoff or stormwater to any other area than where it currently drains. The proposed project will stabilize the eroded slopes with vegetated rip-rap in the upper section and large stones along the base of the riverbank which will serve to decrease the energy of flowing water especially during flood stages.

**5. The potential to cause or increase flooding, erosion, or sedimentation;** Again as previously mentioned above the intent of the proposed bank stabilization and buffer restoration is to restore and maintain a working the riparian buffer which will serve to decrease the energy of flood waters, reduce and minimize potential for erosion and sedimentation. The soils in the project area have also been designated as prime farmland and due to the actively farmed nature and high organic content are more susceptible to erosion than other land uses with year round deep rooted vegetation. The project will decrease the erosion and sedimentation actively underway within the project area which will in turn serve to minimize soil erosion, sedimentation and pollution within the Souhegan River.

**6. The cumulative impact that would result if all parties owning or abutting a portion of the affected wetland, wetland complex and/or buffer area were also permitted alterations to the wetland and buffer proportional to the extent of their property rights;** Every case would need to be taken on an individual basis and evaluated on the individual conditions and merits through the Conservation Commission and Zoning Board of Adjustment. The cumulative impact of all parties restoring and maintaining the riparian buffer zone would have a positive and beneficial effect on the community and environment. Every property has different issues which need to be considered, type and size of proposed impact, existing use situations, topographic features of the land, type and category of the wetland system just to name a few. However, given the environmentally proactive and responsible nature of the project to restore the riparian buffer as well as the fact that multiple Federal, State and Local agencies have inspected the site and concur that human intervention is necessary and warranted to minimize and protect environmental and wildlife concerns in this specific situation. The Town of Milford Conservation Commission also hold an easement through the buffer area for the Souhegan River Trail and has the ability and responsibility to maintain the trail is so as to not cause any detrimental effects to the river of environment. other abutting properties are already developed, and at least one has previously been granted a permit to impact the wetland and buffer with an access drive similar to the one being proposed, the cumulative impact that would result to the wetland or buffer would be negligible, and would not adversely affect the wetland functions and values of the existing wetland system.

7. The impact of the proposed project on the values and functions of the total wetland or wetland complex.

Again as previously mentioned above the intent of the proposed bank stabilization and buffer restoration is to restore and maintain a working the riparian buffer which will serve to have a valuable positive effect on the values and functions of the total wetland, wetland complex and Souhegan River watershed by reducing and minimizing the potential for erosion and sedimentation.



Christopher A. Guida, C.S.S.; C.W.S.  
Certified Soil & Wetland Scientist

TOWN OF MILFORD  
RECEIVED

APR 25 2012

PB ZBA ZBA Office

**ABUTTER LIST**

Abutter - Any person whose property is located in New Hampshire and adjoins or is directly across the street, stream, or active railroad property from the land under consideration by the local land use board. The term "abutter" shall also include owner and applicant.

Map	Lot	Property Owner	Street Address	Town	State	Zip Code
8	11-2 ✓	Trombly Land Trust c/o Steve Trombly	195 North River Road	Milford	NH	03055
8	10, 21, 20, 6, 5, 24, 25 (see above)		"			
8	4-1 ✓	Asselin Brothers Construction Co. Inc.	100 Route 101A, Unit C	Amherst	NH	03031
19	25 ✓	Granite Town Plaza	Elm Street	Milford	NH	03055
19	23 ✓	Herbert & Cheryl Hardman	PO Box 227	Milford	NH	03055
19	24 ✓	265 Elm St, LLC	265 Elm St	Milford	NH	03055
18	5-2 ✓	Riverway West Realty Corp.	PO Box 257	Milford	NH	03055
18	5-1 ✓	NPC Acquisition Corp.	250 Elm St, PO Box 301	Milford	NH	03055
18	2 ✓	Frank J. Coffey & Cynthia Rogers	8 Wilkins Rd Amherst NH 03031	Amherst	NH	03031
18	1 ✓	Kim Sing Realty Co. Inc.	120 Nashua Road,	Bedford	NH	03110
18	1-1 ✓	Sarah O. Desmarais	19 Pinetop Rd	Amherst	NH	03031
7	10 ✓	Old Farms Golf Course, LLC	62 East Surry Rd	Keene	NH	03431
8	8 ✓	Chrystal Prop LLC (Chemsense)	317 Elm St	Milford	NH	03055
		Fieldstone Land Consultants, PLLC	778 Elm St., Suite C	Milford	NH	03055
		Chad Cochran - NRCS	468 Route 13 South	Milford	NH	03055
		George May c/o Michael Redding - LRAC	105 Wilson Road	Merrimack	NH	03054
		15 abutter				

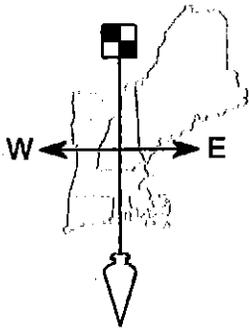
The above abutter listing reflects the most current assessing records and the Milford Zoning Board of Adjustment is released from any responsibility for inaccurate information or incorrect abutter notification.

Signature of Owner Steve Trombly

Date 4-20-12

8-10 & 5  
Map & Lot

87,000  
175,000  
516,200

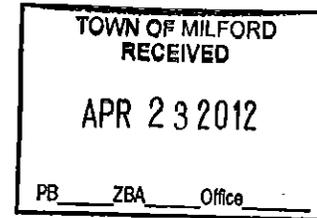


# FIELDSTONE

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April 16, 2012  
FLC#363.00 / CAG

List of Abutters  
Tax Map Parcel 8-5, 8-10  
Milford, New Hampshire

Map 8, Lot 11-2, 10, 21, 20, 9, 5, 24, 25  
Trombly Land Trust  
Stephen H & Sean S. Ttees.  
196 North River Road  
Milford, NH 03055

Map 19, Lot 24  
265 Elm St, LLC  
265 Elm St  
Milford, NH 03055

Map 18, Lot 1  
Kim Sing Realty Co. Inc.  
120 Nashua Road  
Bedford, NH 03110

Map 8, Lot 4-1  
Asselin Brothers Construction Co. Inc.  
100 Rte 101A, Unit C  
Amherst, NH 03031

Map 18, Lot 5-2  
Riverway West Realty Corp.  
P.O. Box 257  
Milford, NH 03055

Map 18, Lot 1-1  
Sarah O. Desmarais  
19 Pinetop Rd  
Amherst, NH 03031

Map 19, Lot 25  
Granite Town Plaza  
Elm Street  
Milford, NH 03055

Map 18, Lot 5-1  
NPC Acquisition Corp.  
250 Elm St, P.O. Box 301  
Milford, NH 03055

Map 7, Lot 10  
Old Farm Golf Course, LLC  
62 East Surry Rd  
Keene, NH 03431

Map 19, Lot 23  
Herbert S. & Cheryl Hardman  
PO Box 227  
Milford, NH 03055

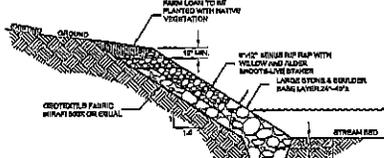
Map 18 Lot 2  
Frank J. Coffey & Cynthia J. Rogers  
8 Wilkins Road  
Amherst, NH 03031

Map 8, Lot 8  
Chrystal Prop LLC(Chemserve)  
317 Elm St  
Milford, NH 03055

George May c/o Michael Redding  
Souhegan River Local Advisory  
Committee  
105 Wilson Road  
Merrimack, NH 03054

Chad Cochran  
District Conservationist-Natural  
Resources Conservation Service  
468 Route 13 South  
Milford, NH 03055

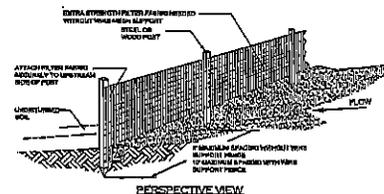
Fieldstone Land Consultants, PLLC  
FLC #363.00 / CAG  
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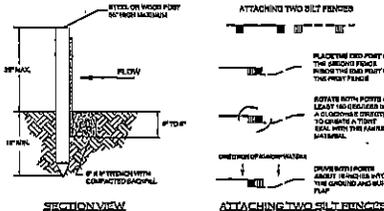
**NOTES:**

1. T = 1.5 TIMES THE MAXIMUM STONE DIAMETER, BUT NO LESS THAN 6 INCHES.
2. THE SUBGRADE FOR THE RIPRAP MATERIAL, GEOTEXTILE OR RIPPAP SHALL BE CLEANED AND GRADED TO REMOVE ALL ROOTS, MOULDS, AND DEBRIS AND PREPARED AS NECESSARY TO MEET THE SPECIFIC CONDITIONS.
3. REINFORCING CHANNELS USED FOR FILTER AND RIPPAP SHALL CONFORM TO THE SPECIFIED DIMENSIONS.
4. GEOTEXTILE FABRICS SHALL BE PROTECTED FROM PUNCTURES OR TEARS DURING PLACEMENT OF THE RIPPAP BY PLACING A LAYER OF SAND AND GRAVEL OVER THE FABRIC. DAMAGED AREAS IN THE FABRIC SHALL BE REPAIRED BY PLACING A PIECE OF FABRIC OVER THE DAMAGED AREA OR BY COMPLETE REPLACEMENT OF THE FABRIC. ALL OVERLAPS REQUIRE FOR JOINTS OF ADJACENT TWO PIECES OF FABRIC SHALL BE A MINIMUM OF 12 INCHES.
5. STONES FOR THE RIPPAP MAY BE PLACED BY EQUIPMENT AND SHALL BE DISTRIBUTED TO THE FULL DEPTH TO COVER THE ENTIRE AREA IN SUCH A MANNER AS TO PREVENT OVERLAPMENT OF THE UNDERLYING MATERIALS. HAND PLACEMENT MAY BE REQUIRED TO PREVENT DAMAGE TO ANY REINFORCING STRUCTURES.
6. STONES FOR THE RIPPAP SHALL BE ANGULAR OR SUBANGULAR. THE STONES SHOULD BE SIZED BY THE LEAST DIMENSION OF THE STONES. PLANT ROOTS SHALL NOT BE USED FOR RIPPAP.
7. Voids in the rock/rip rap should be filled with shells and fragments, flat rock shall not be used for riprap.

**RIPPAP SLOPE REVETMENT - STREAMBANK**



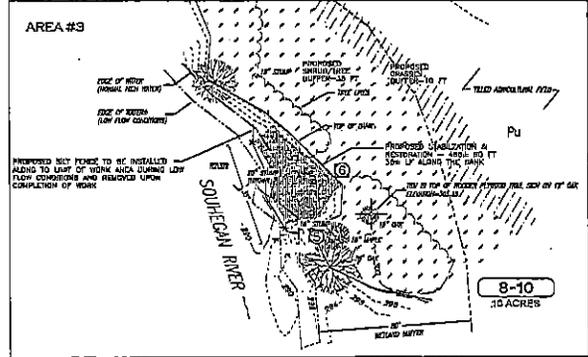
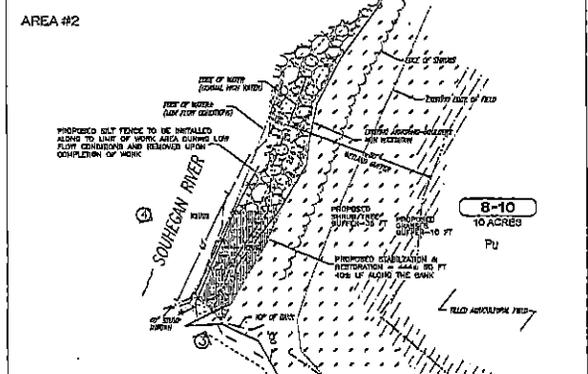
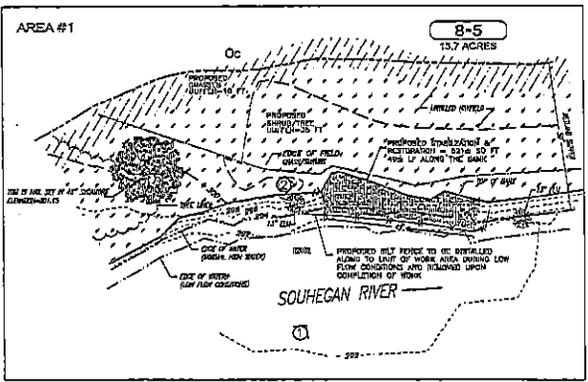
**PERSPECTIVE VIEW**



**SECTION VIEW**

1. SILT FENCES SHOULD NOT BE USED ACROSS STREAMS, CHANNELS, SWALES, DITCHES OR OTHER DRAINAGE WAYS.
2. SILT FENCES SHOULD BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE AND THE ENDS OF THE SILT FENCE SHOULD BE PLACED UP-SLOPE.
3. IN THE OPEN CONDITIONS INCLUDES PROTECTIVE GRASSING, LATER ON THE PRESENCE OF HEAVY ROOTS THE SLOPE OF THE PAVED SHOULD BE SLOPED WITH A MINIMUM INCREASE OF 6 INCHES OF PAVED STONE.
4. SILT FENCES PLACED AT THE TOP OF SLOPES SHOULD BE INSTALLED AT LEAST 5 FEET FROM THE TOP TO ALLOW SPACE FOR SMALL PLANTS AND ACCESS FOR MAINTENANCE.
5. THE MAXIMUM SLOPE ABOVE THE FENCE SHOULD BE 2:1 AND THE MINIMUM LENGTH OF SLOPE ABOVE THE FENCE SHOULD BE 100 FEET.
6. REMOVAL OF ROOTS SHALL BE CONSIDERED TO BE AN AREA THAT WILL NOT CONTRIBUTE TO EROSION OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
7. SILT FENCES SHOULD BE REMOVED WHEN THE SLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED.

**SILT FENCE**



**WETLAND LEGEND:**

- PROPOSED RESTORATION AND
- PROPOSED WETLAND BUFFER (COPY)
- PROPOSED WETLAND BUFFER (RIPAP)

**LEGEND:**

- DRAINAGE LINE
- ADJACENT LOT LINE
- EDGE OF WATER
- EDGE OF WETLANDS
- WETLAND BUFFER LINE
- STONE WALL
- 10' OFFSET INTERNAL
- 5' OFFSET INTERNAL
- 10' OFFSET EXTERNAL
- 5' OFFSET EXTERNAL
- TRAIL

**NRCS SOILS LEGEND:**

- Oc OCCUR FINE SANDY LOAM, 0-8% SLOPES
- Pu PONDWATER FINE SANDY LOAM, 0-8% SLOPES

**TEMPORARY WETLAND / STREAMBANK DISTURBANCE = 1,423 SQ FT**

**TOTAL LINEAL FEET ALONG STREAMBANK = 124 LF**

**ALL WORK TO BE DONE "IN THE DRY" DURING LOW FLOW CONDITIONS**

**BANK STABILIZATION IS TO BE DONE IN CONJUNCTION WITH THE NATIONAL RESOURCES CONSERVATION SERVICE (NRCS) ENVIRONMENTAL QUALITY INCENTIVES PROGRAM (EQIP) WHICH IS AN ONGOING PROJECT ON THE SUBJECT PROPERTY TO RESTORE RIPARIAN BUFFER ZONE ALONG THE SOUHEGAN RIVER.**

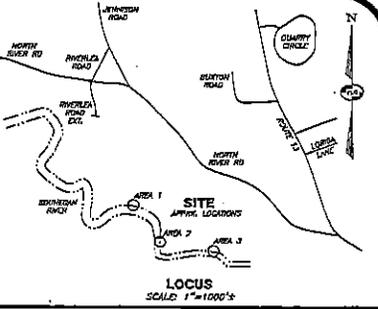
- PROPOSED RIPARIAN BUFFER PLANTINGS:**
- TOP OF BANK AND ADJACENT AREA TO BE SEEDED WITH CONSERVATION SEED MIX AND PLANTED WITH THE FOLLOWING NATIVE SHRUBS AND TREES PER ACRE BUFFER PLAN:
1. ALL EXISTING VEGETATION, INCLUDING PINEY ROCKETED STAGHES, WITHIN THE 50 FT BUFFER TO BE MAINTAINED. PREVIOUSLY DISTURBED AREAS TO BE RESTORED WITH NATIVE SHRUBS AND BARNINGS.
  2. TREES 20 FT FROM TOP OF BANK TO BE INTERMEDIATE HULLY, HORNBEAM, BLENDED, RED MAPLE, SLIVER MAPLE AND STAGHES.
  3. AREAS FROM 25 TO 45 FEET FROM TOP OF BANK TO BE PLANTED WITH NATIVE GRASSES AND LOGANES.
  4. INTENT IS TO MAINTAIN THE ACTIVELY PARSED AREA AWAY FROM THE RIVERBANK AND RESTORE PREVIOUSLY DISTURBED AREAS WITH NATIVE VEGETATION.

- EROSION CONTROL NOTES:**
- CURB CONSTRUCTION AND RESTORATION EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS NOTED:
1. INSTALLATION OF SLOTTED FENCES TO BE OPEN CONSTRUCTION INSPECT SILT FENCE DAILY AND AFTER STORM EVENTS
  2. DISTURBED AREAS ARE TO BE RECOVERED WITH CONSERVATION SEED MIX BY EARLY OCTOBER. NO AREA SHALL BE LEFT EXPOSED OR UNSTABILIZED DURING THE WINTER MONTHS.
  3. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED FROM ALL DISTURBED AREAS HAVE BEEN STABILIZED.

- CONSTRUCTION SEQUENCE NOTES:**
1. WORK TO BE DONE IN THE DRY DURING LOW FLOW CONDITIONS
  2. CURB LOCUS UNSTABLE MATERIAL AND STORMWATER MUST FLOW ANY WETLANDS. PLACE SPECIFIED GEOTEXTILE FABRIC ALONG PREPARED SLOPE.
  3. PLACE LARGE Boulders AT BASE OF SLOPE DOWNWARD WITH ENLARGERS FROM TOP OF BANK AND PROGRESSIVELY PLACE SMALLER RIP-RAP STONES ALONG UP THE SLOPE AND THEN PLACE LEAN AND HEAVY STONE TO BE SEVERE. EACH INDIVIDUAL AREA TO BE STARTED AND COMPLETED PRIOR TO BEING WORK ON THE NEXT AREA.
  4. FINISH GRASSING AND LOGAN AND SEED WITH CONSERVATION SEED AND SPECIFIED SEEDING. ALL BOUNDS AND BARNINGS. DISTURBED AREAS SHALL BE RECOVERED WITH STRAW OR LIME MATING WITHIN 72 HOURS AFTER FINAL GRASSING.
  5. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED FROM ALL DISTURBED AREAS HAVE BEEN STABILIZED.

**CERTIFICATION:**

WETLANDS WERE DELINEATED IN ACCORDANCE WITH THE US ARMY CORPS OF ENGINEERS BEST WETLAND Delineation MANUAL, 1-81-1 AND INTERNAL INTERNAL SIGNIFICANT FOR WETLANDS AND WETLANDS NEEDY AND FIELD INDICATORS FOR THESE SOILS IN NEW ENGLAND BY CHRISTOPHER A. ODEA, C.E.S. IN MARCH 2012.

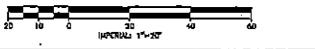


**REFERENCE PLAN:**

1. TOWN OF MILFORD TAX MAP, DATED APRIL 1, 2008

**NOTES:**

1. THE OWNER OF RECORD FOR TAX MAP PARCEL 8-5 AND 8-10 IS TROMBLY LAND TRUST, C/O STEPHEN H. TROMBLY, 198 NORTH RIVER ROAD, MILFORD, NH 03055. DEED REFERENCED IN RECORD BOOK 6165 PAGE 370 DATED 5/15/1992.
2. THE PURPOSE OF THIS PLAN IS TO SHOW PROPOSED STREAMBANK STABILIZATION AND RIPARIAN BUFFER RESTORATION IN AREAS AFFECTED BY STORM PREVIOUS DAMAGE ON LOT 8-5 AND 8-10.
3. A BOUNDARY SURVEY WAS NOT PERFORMED BY THIS OFFICE. BOUNDARY INFORMATION WAS OBTAINED FROM THE PLAN REPRODUCED HEREIN.
4. TOPOGRAPHIC INFORMATION WAS OBTAINED FROM A FIELD SURVEY BY THIS OFFICE DURING MARCH OF 2012. DATUM IS ASSUMED.
5. TOTAL AREA OF PARCEL 8-5 IS 13.7 ACRES AND 8-10 IS 10 ACRES PER REFERENCE PLAN.
6. TYPING FOR THE SITE AND ADJUTING PARCELS IS REFERENCE TO MINIMUM LOT SIZE IS 2 ACRES OR 52,120 SQ FT WITH 200' OF FRONTAGE. BUILDING SETBACKS ARE 30' FRONT, 15' SIDE AND REAR WITH A 30 FT WETLAND BUFFER TO SOUHEGAN RIVER.
7. THE SOIL TYPE FOR THE ENTIRE PROPERTY IS Oc - OCCUR SANDY LOAM AND PU-PODZOLIC SANDY LOAM, 0-8 % SLOPES.
8. LOTS 8-5 AND 8-10 ARE ACTIVE FARM FIELDS AND UNDER CERTAIN CONSERVATION EASEMENTS / AGREEMENTS ON ALL OR PORTIONS OF THE PROPERTY.
9. A PORTION OF THE PARCELS LIE WITHIN THE WETLANDS CONSERVATION OVERLAY DISTRICT.
10. SOME OR ALL OF THE SUBJECT PARCELS LIE WITHIN THE BOUNDARY OF THE 100 YEAR FLOOD PLAN PER FLOOD INSURANCE RATE MAP FOR THE TOWN OF MILFORD, HILLSBOROUGH COUNTY NH, F.I.R.M. COMMUNITY PANEL NUMBER 3301104430 DATED SEPTEMBER 23, 2009.



REV.	DATE	DESCRIPTION	C/D	DR	CR

**STREAMBANK STABILIZATION PLAN**  
**PREPARED FOR:**  
**STEVE TROMBLY**  
**LAND OF:**  
**TROMBLY LAND TRUST**  
**MILFORD, NEW HAMPSHIRE**  
 SCALE: 1" = 20'      APRIL 17, 2012

Surveying → Engineering → Land Planning → Permitting → Septic Design

**FIELDSTONE**  
**LAND CONSULTANTS, PLLC**

778 Elm Street Suite C, Milford, NH 03055  
 Phone: (603) 672-5456 Fax: (603) 413-5456  
 www.FieldstoneLandConsultants.com



1 inch equals 534.84 feet  
 0 265 530 1,060 Feet

This document has been prepared to show approximate lot location only. Information shown is not to be used for deed descriptions.

# MILFORD, NH

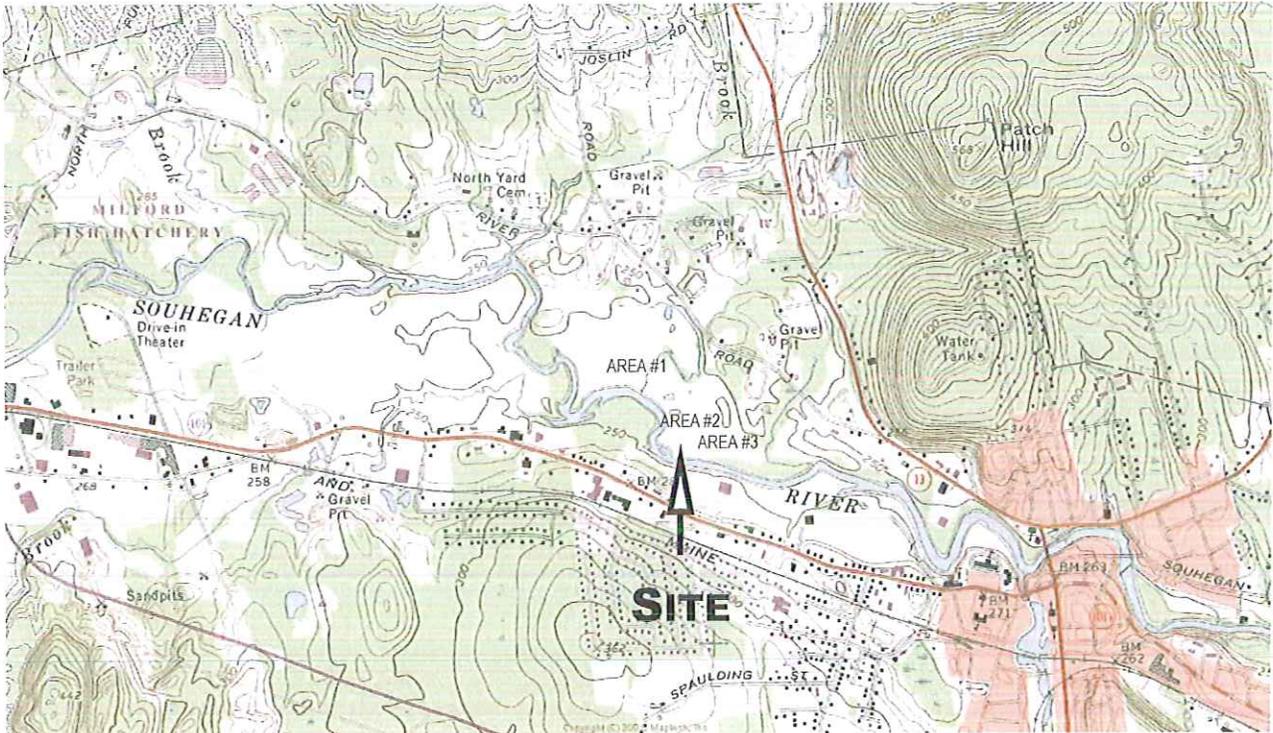
The Community Development Department maintains a continuing program to identify and correct errors. The Department makes no claims to the validity or reliability or to any implied uses of this representation.

DATE:  
APRIL 1, 2008

Map Number  
**08E**



USGS LOCUS PLAN  
**TROMBLY LAND TRUST**  
C/O STEVE TROMBLY  
MAP 8, LOT 10 & 5  
NORTH RIVER ROAD  
MILFORD, NEW HAMPSHIRE



MILFORD, QUAD N.H.  
SCALE: 1:24,000

**FIELDSTONE LAND CONSULTANTS, PLLC**  
778 Elm Street, Suite C, Milford NH 03055  
Phone: 603-672-5456 Fax: 603-413-5456

TROMBLY LAND TRUST  
NRCS RIPARIAN  
BUFFER RESTORATION  
EXHIBIT

0.5 ac. Tree/Shrub  
0.25 ac. Grass/Legume

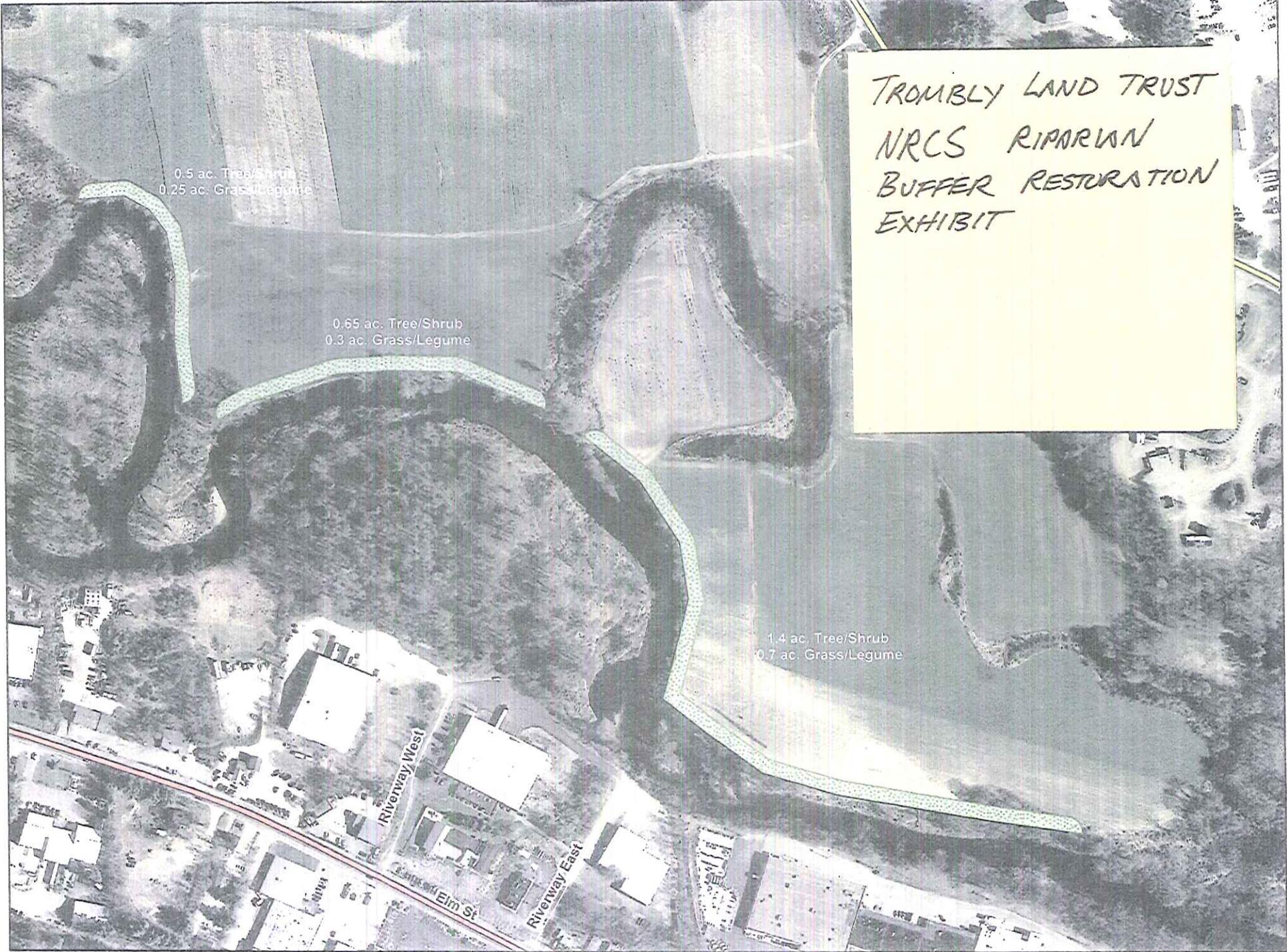
0.65 ac. Tree/Shrub  
0.3 ac. Grass/Legume

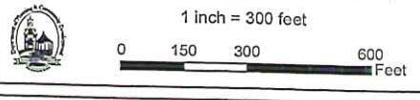
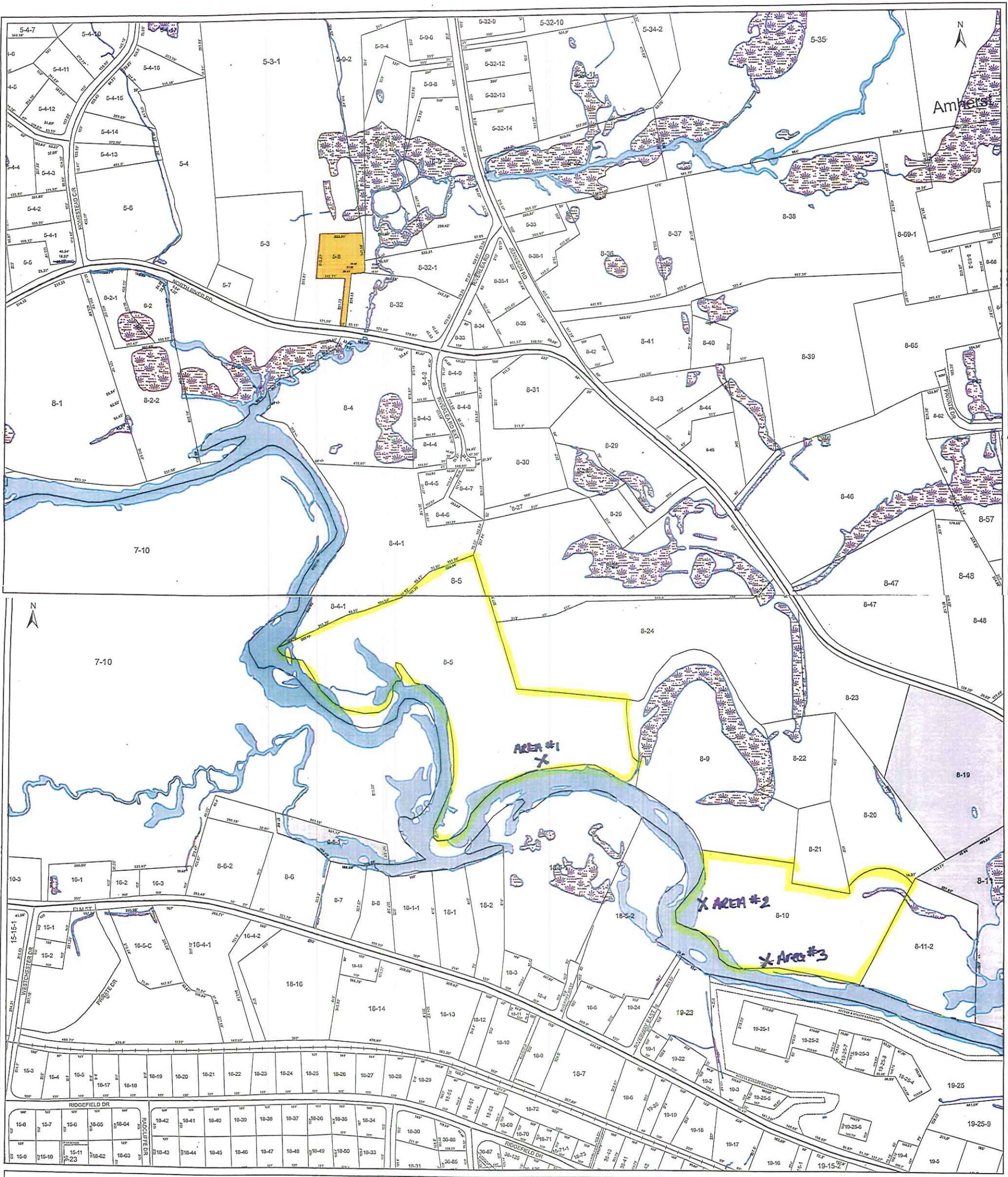
1.4 ac. Tree/Shrub  
0.7 ac. Grass/Legume

Riverway West

Riverway East

Elm St





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# MILFORD, NH

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DATE:  
April 1, 2011

D4  
8,16,18  
19,36

**Town of Milford**  
CONSERVATION COMMISSION



Town Hall  
1 Union Square  
Milford, NH 03055-4240  
(603) 249-0628  
Fax (603) 673-2273  
www.milford.nh.gov  
conservation@milford.nh.gov  
TDD Access:  
Relay NH 1-800-735-2964

April 19, 2012  
To: NH Department of Environmental Services

Re: Trombly Souhegan River Bank Stabilization Project  
Map 08 Lot 05

On February 23, 2012, the Milford Conservation Commission, along with representatives from the NH Department of Environmental Services, NH Fish and Game, Natural Resource Conservation Service (USDA), and Souhegan River Local Advisory Committee, attended a site visit to view the area of erosion that is occurring as a result of fallen trees from the October snow storm.

On March 8, the Commission received a proposal from Mr. Steve Trombly to fix the problem. There is a clear indication of critical erosion occurring to the Souhegan River bank. Although rip rap is not the preferred practice for bank stabilization, it is an accepted practice in certain circumstances where there is rapid and severe erosion. The DES, NRCS, F&G, and MCC all recognize that the proposed solution to the erosion – a base layer of large boulders, back fill with loam, cover back fill with geotech fabric, and another layer of rocks for anchor – is the best option. In addition, Mr. Trombly will recreate a 35-foot buffer vegetated with native species, which will prevent bank erosion behind the stone reinforcement.

Based on this presentation, the Commission is in support of Mr. Trombly's project. The increased siltation of the river bottom, altering the preferred habitat of a rocky bottomed river, and increased amounts of agricultural supplements being added to the river are environmental concerns that the Commission would like addressed by approving this project. In addition, the Trombly agricultural lands are a key component of Milford's local economy and the rural character of our community.

Very Respectfully,

Chris Costantino  
Milford Conservation Commission