

EcoTec, Inc.

ENVIRONMENTAL CONSULTING SERVICES

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February 5, 2014

James Burke, PE
DeCelle-Burke & Associates
149 Independence Avenue
Quincy, MA 02169

RE: Wetland Resource Evaluation, 270 Hillside Street, Milton, Massachusetts

Dear Mr. Burke:

On January 29, 2014, EcoTec, Inc. inspected the above-referenced property for the presence of wetland resources as defined by: (1) the Massachusetts Wetlands Protection Act (M.G.L. Ch. 131, § 40; the “Act”) and its implementing regulations (310 CMR 10.00 *et seq.*; the “Regulations”); (2) the U.S. Clean Water Act (i.e., Section 404 and 401 wetlands); or (3) the Town of Milton Wetlands Protection Bylaw and regulations. Scott Morrison, RPSS conducted the inspection.

The subject site consists of a 5.0± acre parcel located to the south of Hillside Street and east of Forest Street in Milton. This site consists of three parcels including Assessor’s Map N-12, Parcels 1A, 1B, and 1C, which is the Thayer Nursery property. The upland portions of the site consist of an existing greenhouse facility including two homes, barns, greenhouse, parking lot, lawn, and nursery storage and growing areas. Plant species observed include apple (*Pyrus malus*), sugar maple (*Acer saccharum*), shag-bark hickory (*Carya ovata*), white ash (*Fraxinus americana*), and Norway maple (*Acer platanoides*), trees and/or saplings; oriental bitter-sweet (*Celastrus orbiculata*), poison ivy (*Toxicodendron radicans*), and Virginia creeper (*Parthenocissus quinquefolia*), climbing woody vines; bramble (*Rubus sp.*), honeysuckle (*Lonicera sp.*), multiflora rose (*Rosa multiflora*), winged euonymus (*Euonymus alata*) Japanese barberry (*Berberis thunbergii*) shrubs; and grasses (Gramineae sp.), and white clover (*Trifolium repens*) ground cover. Numerous ornamental trees, saplings, and shrubs were also observed.

Findings

The site and areas within 100 feet of the site were evaluated and no Bordering or Isolated Vegetated Wetlands were observed. Therefore, the site is not located within the Buffer Zone.

The Massachusetts Rivers Protection Act amended the Act to establish an additional wetland resource area: Riverfront Area. Based upon a review of the current USGS Map (i.e., Norwood Quadrangle, dated 1985, attached) and observations made during the site inspection, there are no mapped or unmapped streams located within 200 feet of the site. Accordingly, Riverfront Area would not occur on the site. Riverfront Area does not have a Buffer Zone under the Act.

The Regulations require that no project may be permitted that will have any adverse effect on specified habitat sites of rare vertebrate or invertebrate species, as identified by procedures set forth at 310 CMR 10.59. Based upon a review of the *Massachusetts Natural Heritage Atlas*, 13th edition, Priority Habitats and Estimated Habitats, Blue Hills Quadrangle, valid from October 1, 2008, there are no Estimated Habitats [for use with the Act and Regulations (310 CMR 10.00 *et seq.*)], Priority Habitats [for use with Massachusetts Endangered Species Act (M.G.L. Ch. 131A; "MESA") and MESA Regulations (321 CMR 10.00 *et seq.*)], or Certified Vernal Pools on or in the immediate vicinity of the site. A copy of this map is attached.

Bordering Land Subject to Flooding is an area that floods due to a rise in floodwaters from a bordering waterway or water body. Where flood studies have been completed, the boundary of Bordering Land Subject to Flooding is based upon flood profile data prepared by the National Flood Insurance Program. Section 10.57(2)(a)3. states that "The boundary of Bordering Land Subject to Flooding is the estimated maximum lateral extent of flood water which will theoretically result from the statistical 100-year frequency storm." Based upon a review of the Middlesex County FIRM Map 25021C0202E the site is not located within a flood zone.

Based upon the assessment described above, it is EcoTec's opinion that the site is not located within jurisdiction of the Wetlands Protection Act or the Town of Milton Wetlands Protection Bylaw. The reader should be aware that the regulatory authority for determining wetland jurisdiction rests with local, state, and federal authorities. A brief description of my experience and qualifications is attached. If you have any questions, please feel free to contact me at any time.

Cordially,
ECOTEC, INC.



Scott M. Morrison, RPSS
Senior Environmental Scientist

Attachments (4, 4 pages)

17/E/Milt270HillsideStreport



Priority Habitats and Estimated Habitats - Effective October 1, 2008
Priority Habitats for use with the MA Endangered Species Act Regulations (321 CMR 10)
Estimated Habitats for use with the MA Wetlands Protection Act Regulations (310 CMR 10)
Produced by the Natural Heritage & Endangered Species Program [website: www.nhesp.org](http://www.nhesp.org)



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Priority Habitat of Rare Species



**Priority Habitat of Rare Species and also
Estimated Habitat of Rare Wildlife**



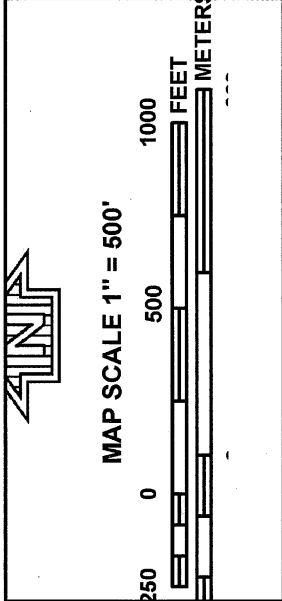
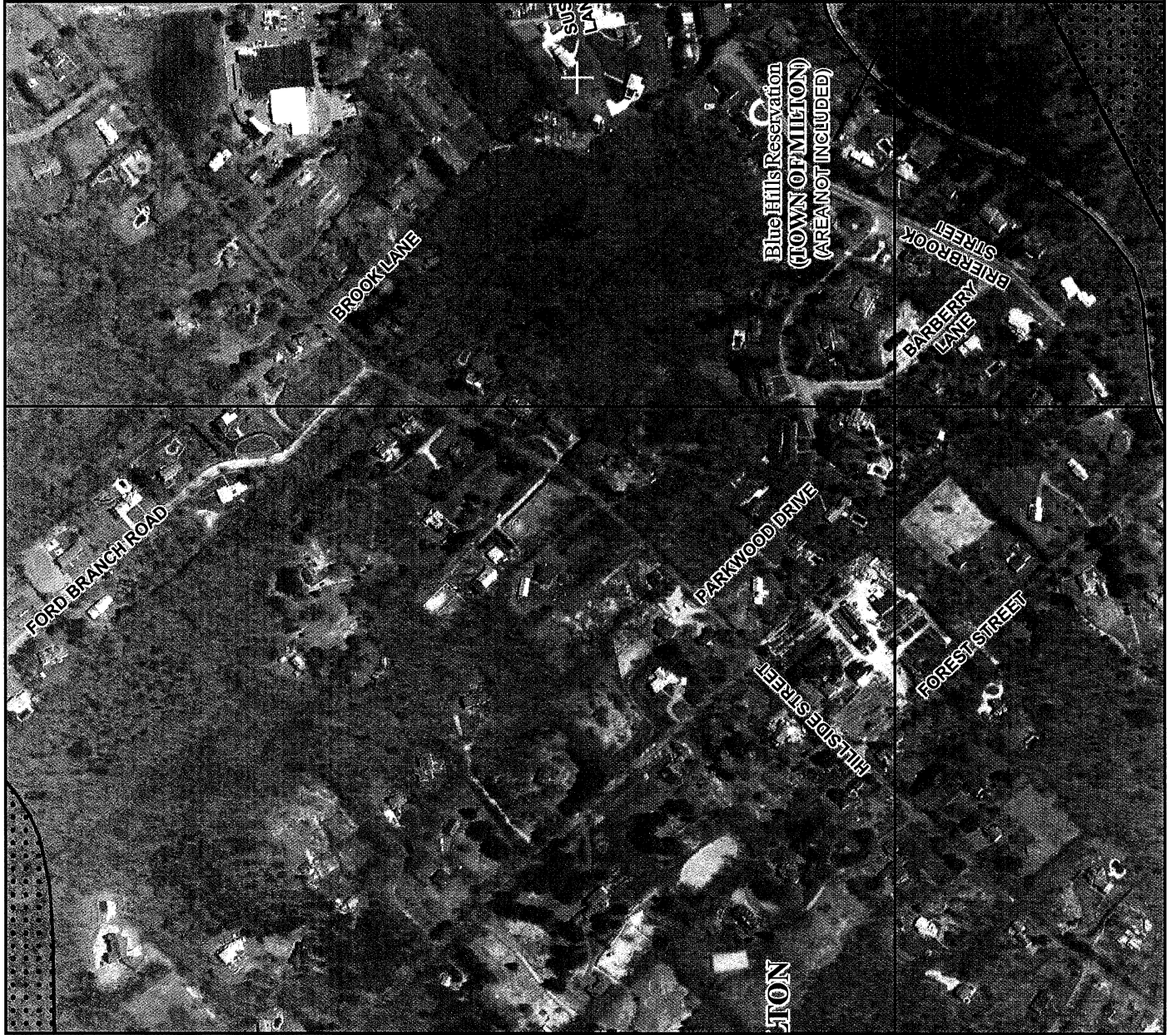
*** Certified Vernal Pool (as of July 31, 2008)**



0 0.5 1 2 Miles

Blue Hills Quad





NFI

PANEL 0202E

FIRM

FLOOD INSURANCE RATE MAP
NORFOLK COUNTY,
MASSACHUSETTS
(ALL JURISDICTIONS)

PANEL 202 OF 241
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
COMMUNITY NUMBER PANEL SUFFIX
MILTON, TOWN OF 250245 0202 E
QUINCY, CITY OF 255219 0202 E

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
25021C0202E
EFFECTIVE DATE
JULY 17, 2012

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov