



**Town of East Hampton**  
 Department of Planning & Zoning  
 20 East High Street, East Hampton, CT 06424  
 (860) 267-9601



**Inland Wetland and Watercourses Agency**  
**Timber Harvest As-of-Right Determination**

Date Received: 2/20/19

Permit Application #: TW-19-009

Parcel Information

Street Address of Parcel: Colchester Ave.  
 Map 27 Block 87A Lot 14 Acreage of Property: 37.47 Acreage of Harvest Area: 30 1/2 Acres

Applicant

<u>Owner</u>	<u>Primary Contact</u>
Name: <u>John J. &amp; Lenora A. Bear</u>	Name: <u>Andrew P. Clark</u>
Address: <u>PO Box 104 East Hampton CT 06424</u>	Address: <u>182 Saybrook Rd. Essex CT 06426</u>
Telephone: <u>860-365-5987</u>	Telephone: <u>860-227-0987</u>
Email: <u>john.j.bear@comcast.net</u>	Email: <u>limitlesslogging@comcast.net</u>
Trustee? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Nature of Trust: \_\_\_\_\_  
John J. & Lenora A. Bear (Signature) 2/12/19  
Andrew P. Clark (Signature)

This Timber Harvest has been prepared by a State of Connecticut Certified: (Check one)

Forester OR  Supervising Forest Products Harvester

Forest Practitioner Certificate#: SFPH000316 Phone #: 860-227-0987  
 Name: Andrew Clark Cell #: Same  
 Address: 182 Saybrook Rd Essex CT 06426 Email: limitlesslogging@comcast.net

Timber Harvest Information

Property Boundaries: Bounds are Marked:  Yes  No  
Timber Harvest Boundaries Marked or Flagged:  Yes  No  
 Property owners within 100 feet of the harvest area have been notified:  Yes  No  
 Starting Date of Timber Harvest operations: late winter 2019 Completion Date: late Spring 2019  
Description of Timber Harvest: Early Spring  
 Objective: See Attached description  
 Treatment: See Attached

Amount of Forest Products to be Harvested:  
75,000 Board Feet 150 Cords \_\_\_\_\_ Cubic Feet \_\_\_\_\_ Tons

Have the Trees to be Harvested Been Designated?  
 They have been marked with paint at eye level and at ground level. Paint Color (s): Blue  
 They have not been marked.

**SITE PLAN MUST BE SUBMITTED AT TIME OF APPLICATION**  
 ANY FALSE STATEMENT OR ANY BUILDING PERMITS GAINED BY SUCH STATEMENT WILL RENDER PERMITS NULL & VOID



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**Timber Harvest As-of-Determination – Part Two**

**Wetland Area Information**

There are wetlands on the property:  Yes  No  
 The wetlands have been flagged by a certified soil scientist:  Yes  No  
 Wetland Acreage: 1.5 Watercourse Linear Feet: 1300  
 Soil Types on Site: 46B, 73C, 73E, 75E Source and Date of Classification: USDA Soil Survey

**Regulated Area Disturbance**

Closest Proximity of Timber Harvest Activity to Wetlands or Watercourses: 50 Linear Feet  
 The proximity to the regulated area is:  Up-Gradient  Down-Gradient  Both  
 Will there be any stream crossings?  Yes  No

Check all that apply:

**Crossings / Clearing**

- Temporary Stream/ Drainage Crossing
- Temporary Wetlands Crossing
- Removal of Trees in Wetlands
- Removal of Trees in Upland Review Area

**Erosion and Sedimentation Control**

- Installation of Water Bars
- Grading
- Seeding
- Other \_\_\_\_\_

**Log Landing Area**

- Anti-Tracking Pad
- Curb Cut N/A

**Roads**

New Roads other than skid trails proposed?  
 Yes  No

Describe the any other proposed Erosion and Sedimentation Controls, management practices, and mitigation measures that will be used to prevent and minimize impacts to wetlands, watercourses, and/or upland review areas:

See Attached

**As-of-Right Determination Checklist**

- Completed As-of-Right Determination Form
- Site Plan including:
  - Existing and Proposed Features, with detail and accuracy sufficient to understand the scope of work
  - Location of Wetlands and Watercourses and Upland Review Area for Both

**DEPARTMENT USE ONLY:**

Timber Harvest Determined As-Of Right by IWWA:  Yes  No  
 Proposal is a Regulated Activity and Permit is Required:  Yes  No

**Approved**

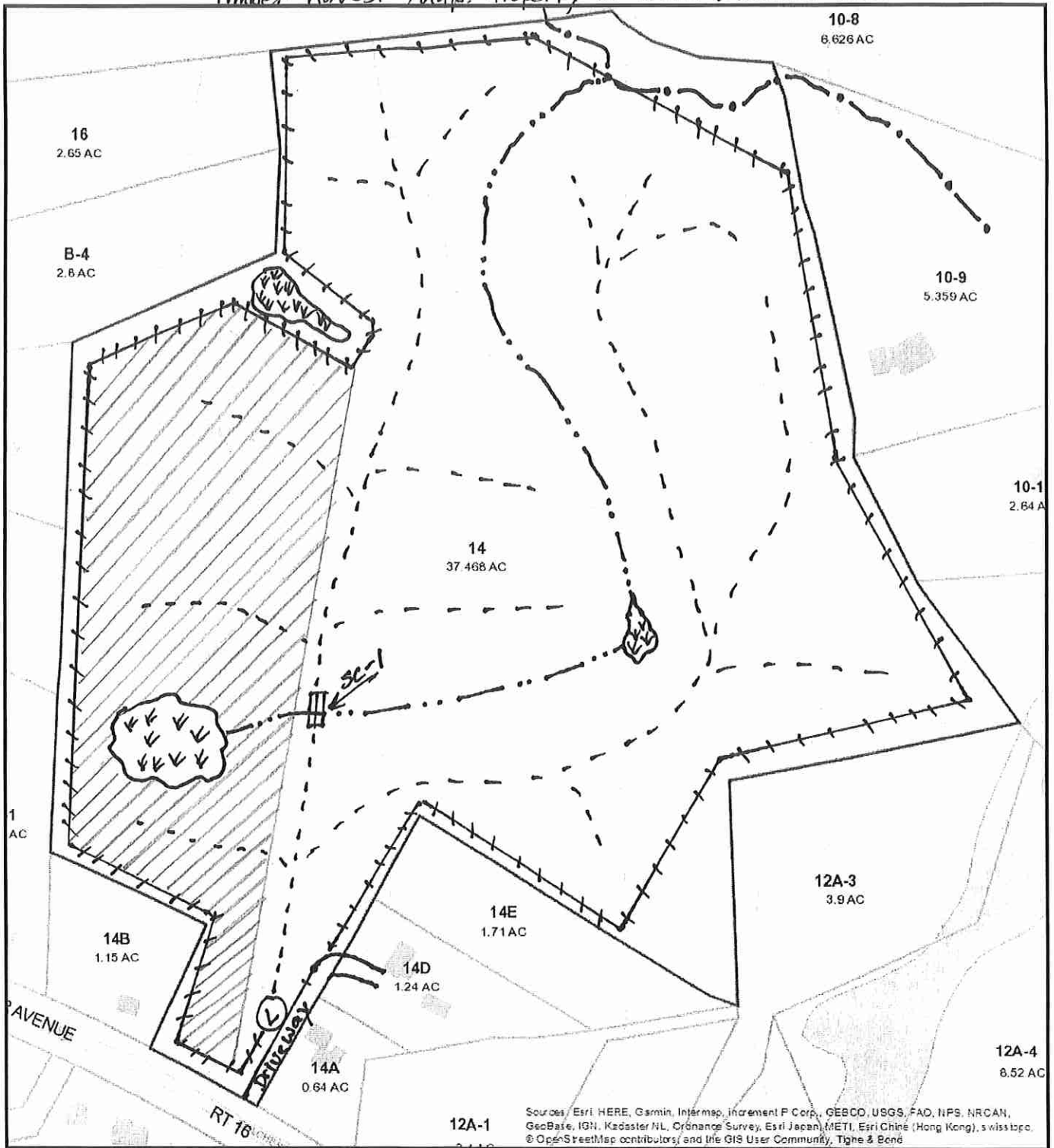
(IWWA Chairman) Date: \_\_\_\_\_

(Planning & Zoning Official) Date: \_\_\_\_\_

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Timber Harvest Map, Property of John & Lenora Bear



Property of Bear

2/9/2019 11:43:42 AM

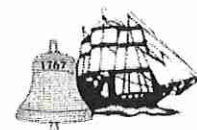
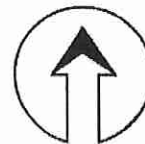
Scale: 1"=215'

Scale is approximate

The information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel-level analyses.

Legend

- #### Harvest Boundary
- ▨ Oak Salvage Area
- ⚡ Wetland
- Ⓛ Landing
- SC-1 Stream Crossing 1



- ⋯ Intermittent Drainage
- Perennial Stream
- - - Skid Trails

### **Description of Timber Harvest Activity**

Limb-It-Less Logging, LLC will be implementing a selection timber harvest and partial gypsy moth killed Oak salvage harvest on the property of John J. & Lenora A. Bear located on Colchester Ave. in the Town of East Hampton, Map 27, Block 87A, Lot 14, and more particularly identified on the attached "Timber Harvest Map Property of John & Lenora Bear", for the late winter/early spring of 2019. The objectives of this harvest in the non-salvage area is to thin the over mature hardwood sawtimber stands, to release juvenile and suppressed hardwoods, and to increase the growth rate of the high quality hardwood timber that will be left. This will enhance the present uneven aged forest condition created from a past timber harvest and will be very beneficial to wildlife. The harvest is also a partial salvage harvest. Due to multiple years of gypsy moth defoliations, there are many standing dead oak trees in this site that will be utilized before they become unusable and dangerous. This salvage area identified on the Harvest Map encompasses approximately 10 acres. Only dead trees will be harvested in this area. Access to the site will utilize an existing driveway on the south end of the property that is also the residential driveway for Lenora Bear. Access is from Colchester Ave (route 16).

### **Harvesting equipment**

The equipment that will be used on the site will be a Feller Buncher, log skidder, and a Forwarder. The Feller Buncher mechanically cuts the trees and directionally fells them away from wetlands, watercourses, and the leave trees. The skidder will be used to bunch the trees in the woods where they will be merchandised into logs. The Forwarder then transports the logs to the landing where the logs will be stacked for transport by truck. This mix of machines and techniques will provide low impact to the forestland.

### **Stream/Wetland Crossings**

This property has one intermittent stream and one perennial stream within the timber harvest area. The intermittent streams acts as an overflow from a wetland in the southwest portion of the property during times of excessive precipitation

and snow melt runoff. It flows in a northerly direction where it intersects a perennial stream on the far northern property boundary. One crossing of the intermittent stream will be needed to facilitate the harvest operations, identified as SC-1 on the harvest map. A 25' solid top portable bridge will be used to facilitate the crossing. The approaches to the crossing are rocky and stable. Due to the flat ground and lack of contour no erosion or sedimentation is expected.

### **Sedimentation and Erosion Control plans**

Primary haul/skid roads will utilize existing trail systems on the property established during the last timber harvest. Any temporary haul/skid roads made will be constructed to run along contours and not against them. Any sections of the haul/skid roads that have significant slopes will have water bars installed upon starting the harvest and will be maintained at all times during the harvest. Upon completion of the harvest, permanent water bars will be installed and all haul/skid roads will be seeded and mulched to prevent erosion and sedimentation. The portable bridge will be removed and the approaches will be seeded and mulched to prevent erosion until the native vegetation takes hold. If at any time during the harvest excessive rainfall occurs, the harvest will be postponed until favorable conditions prevail.

### **Timber Harvest BMP's**

**Upland areas:** Stumps will be cut as low as possible. Trees will be directionally felled to minimize residual stand damage. Residual slash from the harvest will be lopped to 6'. Water bars will be installed on slopes. Haul/Skid Roads and landing areas will be seeded and mulched.

**Buffer zones/Filter strips:** No more than one third (1/3) of the basal area and/or 50% of the crown ratio will be harvested in these areas with exception of areas that may have trees with exceptional storm damage or gypsy moth mortality. As mentioned previously, skid trails will be located out of buffer zones/filter strips. Trees will be felled away from wetlands/watercourses to minimize disturbance. No slash will be left in wetland or watercourses to impede water flow. All BMP's

and erosion control measures will strictly be followed in accordance to the CT DEEP's Best Management Practices Field Guide, 2007 edition.

Any questions, comments, or to schedule a site visit any time during the harvest operation, I can be reached at the contact info below. I invite anyone interested in learning how we design and implement a timber harvest, and utilize the forest products from the harvest, to contact me to schedule an appointment and would be happy to meet with you on the site.

Thank you,

A square image containing a handwritten signature in black ink on a light-colored, textured background. The signature appears to be 'Andrew Clark'.

Andrew Clark  
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