

**ABBREVIATED NOTICE OF RESOURCE AREA  
DELINEATION**

pursuant to

The Regulations of the Massachusetts Wetlands Protection Act  
and the  
Wrentham Wetlands Protection Bylaw

544 Thurston Street  
Assessors Map P-06, Block 01, Parcel 01  
Wrentham, Massachusetts

Applicant:

**Mr. Sean Chrisom  
LPC Northeast, LLC  
53 State Street  
Boston, MA 02109**

**November 2022**



November 16, 2022

Mr. Leo Immonen, Chair  
Wrentham Conservation Commission  
79 South Street  
Wrentham, MA 02093

**Re: Abbreviated Notice of Resource Area Delineation  
544 Thurston Street  
Assessor's Map P-06, Block 01, Lot 01  
Wrentham, Massachusetts  
Pare Project No. 22191.00**

Dear Mr. Immonen and Members of the Conservation Commission:

On behalf LPC Northeast, LLC (LPC), Pare Corporation (Pare) submits the attached Abbreviated Notice of Resource Area Delineation (ANRAD) under the Massachusetts Wetlands Protection Act (WPA) and the Wrentham Wetlands Protection Bylaw. The subject property is located at 544 Thurston Street and identified as Block 1, Parcel 1 on Wrentham Assessor's Map P-06. WBH, LLC currently owns the property, and the applicant is currently under contract with WBH, LLC to purchase the property. The purpose of the ANRAD is to obtain formal verification that the delineations of two Bordering Vegetated Wetlands (BVW) and two Potential Vernal Pools on the subject property are accurate. Submitted for your review are the following materials:

- Two copies of an ANRAD for the above-referenced site, including the application form, abutter notification information, site figures, and wetland delineation documentation;
- Three full sized (24 x 36") plans and two reduced size (11 x 17") plans entitled "Wetland Location Plan" prepared by Bay Colony Group, Inc. dated November 7, 2022;
- One check in the amount of \$1,012.50, to cover the municipal share of the WPA filing fee; and
- One check in the amount of \$500.00 to cover the Wrentham bylaw fee.

In June of 2022, Pare delineated jurisdictional wetlands on 544 Thurston Street in Wrentham, MA ("the site"). Access to the site is provided by a gravel road from Thurston Street that bisects the property and extends to a cranberry bog located to the southwest. North of the gravel access road the site is undeveloped and consists of mixed deciduous-coniferous forest. South of the access road is partially forested and partially consists of a cleared field. Wetlands identified on site were delineated to support evaluation of the site for future development.

Wetlands to be verified include two areas of Bordering Vegetated Wetland (BVW), and two Potential Vernal Pools located within the limits of the site property. Wetland edges were also delineated on adjacent properties to establish limits of 100-foot buffer zone that extend onto the site. This ANRAD is only requesting verification of delineated edges located within the bounds of the site property. BVW edges located within the





Mr. Leo Immonen

(2)

November 16, 2022

site property are defined by flag series A-1 to A-76, B-11 to B-17, and B-35 to B-104. Potential Vernal Pool (PVP) edges are defined by flag series PVP A-1 to PVP A-49 and PVP B-1 to PVP B-20. Descriptions of the Bordering Vegetated Wetlands and Potential Vernal Pools are provided within the attached Wetland Field Report and delineated edges of the wetlands are shown on the attached ANRAD Plan.

We would appreciate the opportunity to accompany you during your field review of the delineations and look forward to discussing this ANRAD during the Conservation Commission's next available public hearing. Thank you for your consideration, and please feel free to contact me with questions at 401.334.4100 or via email at sanderson@parecorp.com.

Sincerely,

Seaver Anderson  
Environmental Scientist

SWA/AD

cc: DEP Southeast Regional Office via electronic copy  
LPC, Northeast

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**SECTION 1**

Administrative Documentation





**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**WPA Form 4A – Abbreviated Notice of**  
**Resource Area Delineation**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Wrentham  
 City/Town

## A. General Information

1. Project Location (**Note:** electronic filers will click on button for GIS locator):

544 Thurston Street  
 a. Street Address

Wrentham  
 b. City/Town

02093  
 c. Zip Code

Latitude and Longitude:  
 42.051631  
 d. Latitude

-71.294708  
 e. Longitude

P-06  
 f. Assessors Map/Plat Number

Block 01, Parcel 01  
 g. Parcel /Lot Number

**Important:** When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



2. Applicant:

Sean  
 a. First Name

Chrisom  
 b. Last Name

LPC Northeast, LLC  
 c. Organization

53 State Street  
 d. Mailing Address

Boston  
 e. City/Town

MA  
 f. State

02109  
 g. Zip Code

(617) 951-4107  
 h. Phone Number

i. Fax Number

schrism@lpc.com  
 j. Email Address

3. Property owner (if different from applicant):

Stephen  
 a. First Name

Meltzer  
 b. Last Name

WBH, LLC  
 c. Organization

3 Belcher Street  
 d. Mailing Address

Plainville  
 e. City/Town

MA  
 f. State

02762  
 g. Zip Code

508-643-2920  
 h. Phone Number

i. Fax Number

SMeltzer@edgewood-development.com  
 j. Email Address

Check if more than one owner (attach additional sheet with names and contact information)

**Note:** Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

4. Representative (if any):

Seaver  
 a. Contact Person First Name

Anderson  
 b. Contact Person Last Name

Pare Corporation  
 c. Organization

8 Blackstone Valley Place  
 d. Mailing Address

Lincoln  
 e. City/Town

RI  
 f. State

02865  
 g. Zip Code

401-334-4100  
 h. Phone Number

i. Fax Number

sanderson@parecorp.com  
 j. Email Address

Fees will be calculated for online users.

5. Total WPA Fee Paid (from attached ANRAD Wetland Fee Transmittal Form):

\$2,000  
 a. Total Fee Paid

\$987.50  
 b. State Fee Paid

\$1,012.50  
 c. City/Town Fee Paid



**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**WPA Form 4A – Abbreviated Notice of**  
**Resource Area Delineation**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

\_\_\_\_\_  
 MassDEP File Number

\_\_\_\_\_  
 Document Transaction Number

\_\_\_\_\_  
 Wrentham  
 City/Town

## B. Area(s) Delineated

1. Bordering Vegetated Wetland (BVW) 2,225  
 Linear Feet of Boundary Delineated
2. Check all methods used to delineate the Bordering Vegetated Wetland (BVW) boundary:
  - a.  MassDEP BVW Field Data Form (attached)
  - b.  Other Methods for Determining the BVW boundary (attach documentation):
    1.  50% or more wetland indicator plants
    2.  Saturated/inundated conditions exist
    3.  Groundwater indicators
    4.  Direct observation
    5.  Hydric soil indicators
    6.  Credible evidence of conditions prior to disturbance
3. Indicate any other resource area boundaries that are delineated:
 

Potential Vernal Pool	1,612
a. Resource Area	b. Linear Feet Delineated
c. Resource Area	d. Linear Feet Delineated

## C. Additional Information

Applicants must include the following plans with this Abbreviated Notice of Resource Area Delineation. See instructions for details. **Online Users:** Attach the Document Transaction Number (provided on your receipt page) for any of the following information you submit to the Department.

1.  ANRAD (Delineation Plans only)
2.  USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
3.  Plans identifying the boundaries of the Bordering Vegetated Wetlands (BVW) (and/or other resource areas, if applicable).
4.  List the titles and final revision dates for all plans and other materials submitted with this Abbreviated Notice of Resource Area Delineation.

## D. Fees



**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**WPA Form 4A – Abbreviated Notice of**  
**Resource Area Delineation**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

\_\_\_\_\_  
MassDEP File Number

\_\_\_\_\_  
Document Transaction Number

\_\_\_\_\_  
Wrentham  
City/Town

The fees for work proposed under each Abbreviated Notice of Resource Area Delineation must be calculated and submitted to the Conservation Commission and the Department (see Instructions and Wetland Fee Transmittal Form).

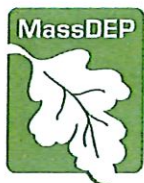
- 1.  Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to the attached Wetland Fee Transmittal Form) to confirm fee payment:

<u>050437</u>	<u>11/15/2022</u>
2. Municipal Check Number	3. Check date
<u>050438</u>	<u>11/15/2022</u>
4. State Check Number	5. Check date
<u>Pare Corporation</u>	<u>N/A</u>
6. Payor name on check: First Name	7. Payor name on check: Last Name

### E. Signatures

I certify under the penalties of perjury that the foregoing Abbreviated Notice of Resource Area Delineation and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I



**Massachusetts Department of Environmental Protection**  
Bureau of Resource Protection - Wetlands

**WPA Form 4A – Abbreviated Notice of  
Resource Area Delineation**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Wrentham  
City/Town

I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

I hereby grant permission, to the Agent or member of the Conservation Commission and the Department of Environmental Protection, to enter and inspect the area subject to this Notice at reasonable hours to evaluate the wetland resource boundaries subject to this Notice, and to require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.

I acknowledge that failure to comply with these certification requirements is grounds for the Conservation Commission or the Department to take enforcement action.

<p><u>Sean V. Chrisom</u> 1. Signature of Applicant</p>	<p><u>11/10/2022</u> 2. Date</p>
<p><u>[Signature]</u> 3. Signature of Property Owner (if different)</p>	<p><u>11/10/2022</u> 4. Date</p>
<p><u>[Signature]</u> 5. Signature of Representative (if any)</p>	<p><u>11/14/2022</u> 6. Date</p>

**For Conservation Commission:**

Two copies of the completed Abbreviated Notice of Resource Area Delineation (Form 4A), including supporting plans and documents; two copies of the ANRAD Wetland Fee Transmittal Form; and the city/town fee payment must be sent to the Conservation Commission by certified mail or hand delivery.

**For MassDEP:**

One copy of the completed Abbreviated Notice of Resource Area Delineation (Form 4A), including supporting plans and documents; one copy of the ANRAD Wetland Fee Transmittal Form; and a copy of the state fee payment must be sent to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery. (E-filers may submit these electronically.)

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**ANRAD Wetland Fee Transmittal Form**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

**Important:**  
 When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



**A. Applicant Information**

1. Location of Project:

544 Thurston Street Wrentham  
 a. Street Address b. City/Town  
\$987.50 050438  
 c. Fee amount d. Check number

2. Applicant:

Sean Chrisom LPC Northeast, LLC  
 a. First Name b. Last Name c. Company  
53 State Street  
 d. Mailing Address  
Boston MA 029109  
 e. City/Town f. State g. Zip Code  
(617) 951-4107  
 h. Phone Number

3. Property Owner (if different):

Stephen Meltzer WBH, LLC  
 a. First Name b. Last Name c. Company  
3 Belcher Street  
 d. Mailing Address  
Plainville MA 02762  
 e. City/Town f. State g. Zip Code  
508-643-2920  
 h. Phone Number

**B. Fees**

The fee is calculated as follows for each Resource Area Delineation included in the ANRAD (check applicable project type). The maximum fee for each ANRAD, regardless of the number of Resource Area Delineations, is \$200 activities associated with a single-family house and \$2,000 for any other activity.

Bordering Vegetated Wetland Delineation Fee:

1. <input type="checkbox"/>	single family house project	<u>                    </u>	x \$2.00 =	<u>                    </u>	b. Fee for BVW
2. <input checked="" type="checkbox"/>	all other projects	<u>2,225</u>	<u>2</u>	<u>                    </u>	<b>\$2,000 (Max)</b>
		a. feet of BVW	x \$2.00 =		b. Fee for BVW

Other Resource Area (e.g., bank, riverfront area, etc.):

3. <input type="checkbox"/>	single family house project	<u>                    </u>	x \$2.00 =	<u>                    </u>	b. Fee
4. <input checked="" type="checkbox"/>	all other projects	<u>1,612</u>	<u>2</u>	<u>                    </u>	<b>N/A max reached</b>
		a. linear feet	x \$2.00 =		b. Fee

Total Fee for all Resource Areas: \$2,000.00  
 Fee

State share of filing fee: \$987.50  
 5. 1/2 of total fee **less** \$12.50

City/Town share of filing fee: \$1,012.50  
 6. 1/2 of total fee **plus** \$12.50

**Online users:** check box if fee exempt.



**Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands

**ANRAD Wetland Fee Transmittal Form**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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**C. Submittal Requirements**

- a.) Send a copy of this form, with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts, to:

Department of Environmental Protection  
Box 4062  
Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Abbreviated Notice of Resource Area Delineation; a **copy** of this form; and the city/town fee payment.
- c.) **To DEP Regional Office:** Send one copy of the Abbreviated Notice of Resource Area Delineation (and any additional documentation required as part of a Simplified Review Buffer Zone Project); a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

QUITCLAIM DEED

W.R.P., LLC, a duly organized Massachusetts limited liability company with an address of 3 Belcher Street, Plainville, Massachusetts, and, W.B.H., LLC, a duly organized Delaware limited liability company authorized to do business in Massachusetts with an address of 3 Belcher Street, Plainville, Massachusetts;

C O P Y

In CONSIDERATION OF One and no/100 (\$1.00) Dollar;

GRANT TO: W.B.H., LLC, a duly organized Delaware limited liability company authorized to do business in Massachusetts with an address of 3 Belcher Street, Plainville, Massachusetts;

WITH QUITCLAIM COVENANTS,

The land in Wrentham, Norfolk County, Massachusetts, described as follows:

Lot A shown on "Plan of Land in Wrentham, Ma., Thurston Street, April 4, 1999, scale 1" = 100 feet, Bay Colony Group, Inc. Professional Civil Engineers & Land Surveyors, Four School Street, P.O. Box 9136, Foxborough, Massachusetts 02035" which said plan is recorded herewith. Lot A contains 39.4± acres according to said plan.

Said Grant is subject to and with the benefit of all easements.

Being a portion of the premises conveyed to these grantors by deed of even date recorded herewith.

In Witness Whereof the said W.R.P., LLC has caused its seal to be hereto affixed and these presents to be signed, acknowledged and delivered in its name and behalf by Henry G. Grilli, its Manager hereto duly authorized, this eighth day of July in the year 1999.

In Witness Whereof the said W.B.H., LLC has caused its seal to be hereto affixed and these presents to be signed, acknowledged and delivered in its name and behalf by Henry G. Grilli, its Manager hereto duly authorized, this eighth day of July in the year 1999.

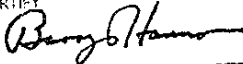
Signed and sealed in presence of

W.R.P., LLC



  
MANAGER  
by HENRY G. GRILLI, MANAGER

RECEIVED AND RECORDED  
NORFOLK COUNTY  
REGISTRY OF DEEDS  
DEDHAM, MA

CERTIFY  
  
BARRY T. HANNON, REGISTER

W.B.H., LLC

  
MANAGER  
by HENRY G. GRILLI, MANAGER

LOCUS: Thurston Street, Wrentham, MA

103190

99 JUL -9 AM 10:33



BK 13583PG597

NOT  
THE COMMONWEALTH OF MASSACHUSETTS  
NOT

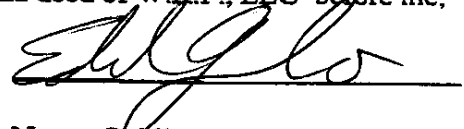
Norfolk, ss.

O F F I C I A L  
C O P Y

O F F I C I A L  
C O P Y

July 8, 1999

Then personally appeared the above named **HENRY G. GRILLI, MANAGER**, and acknowledged the foregoing instrument to be the free act and deed of W.R.P., LLC before me.



Notary Public

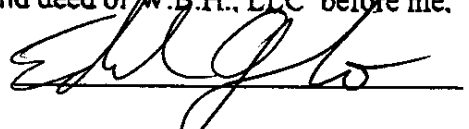
My Commission expires: 2/22/02

THE COMMONWEALTH OF MASSACHUSETTS

Norfolk, ss.

July 8, 1999

Then personally appeared the above named **HENRY G. GRILLI, MANAGER**, and acknowledged the foregoing instrument to be the free act and deed of W.B.H., LLC before me.



Notary Public

My Commission expires: 2/22/02



8 BLACKSTONE VALLEY PLACE, LINCOLN, RI 02865  
401-334-4100 401-334-4108 FAX

Santander  
Santander Bank, N.A.  
5-7515/0110

050438

CHECK DATE  
November 15, 2022



PAY Nine Hundred Eighty Seven and 50/100 Dollars

AMOUNT  
987.50

TO Commonwealth of Massachusetts

*Collette Gagnon*

TWO SIGNATURES REQUIRED IF OVER \$15,000.00

MP



8 BLACKSTONE VALLEY PLACE, LINCOLN, RI 02865  
401-334-4100 401-334-4108 FAX

Santander  
Santander Bank, N.A.  
5-7515/0110

050437

CHECK DATE  
November 15, 2022



PAY One Thousand Twelve and 50/100 Dollars

AMOUNT  
1,012.50

TO Town of Wrentham

*Collette Gagnon*

TWO SIGNATURES REQUIRED IF OVER \$15,000.00

MP

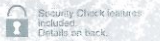


8 BLACKSTONE VALLEY PLACE, LINCOLN, RI 02865  
401-334-4100 401-334-4108 FAX

Santander  
Santander Bank, N.A.  
5-7515/0110

050436

CHECK DATE  
November 15, 2022



PAY Five Hundred and 00/100 Dollars

AMOUNT  
500.00

TO Town of Wrentham

*Collette Gagnon*

TWO SIGNATURES REQUIRED IF OVER \$15,000.00

MP



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**SECTION 2**

Abutter Notification Information





Engineers | Scientists | Planners

PARECORP.COM



## Notification to Abutters Under the Massachusetts Wetlands Protection Act

November 15, 2022

Dear Abutter,

In accordance with the second paragraph of Massachusetts General Laws, Chapter 131, Section 40, and the Town of Wrentham Wetland Protection By-Law, you are hereby notified of the following:

The applicant, LPC Northeast, LLC, has filed an Abbreviated Notice of Resource Area Delineation seeking approval of a delineated wetland edge subject to protection under the Wetlands Protection Act (General Laws Chapter 131, Section 40) and Wrentham Wetland Protection By-Law. The property is currently under contract with WBH, LLC and is located at 544 Thurston Street, Wrentham Assessors Map P-06, Block 01, Lot 01.

Copies of the Abbreviated Notice of Resource Area Delineation may be obtained for the cost of reproduction by calling the applicant's representative, Seaver Anderson of Pare Corporation, at (401) 334-4100 between the hours of 8:00 AM and 4:30 PM, Monday through Friday.

Please note that notice of the public hearing, including date, time, and place, will be published in a paper of general circulation in advance of the public hearing.

You may contact the Wrentham Conservation Commission at (508) 384-5417, or the Southeast Regional Office of the Massachusetts Department of Environmental Protection at 508-946-2700, for more information about this application or the Massachusetts Wetlands Protection Act.



8 BLACKSTONE VALLEY PLACE  
LINCOLN, RI 02865  
401.334.4100

10 LINCOLN ROAD, SUITE 210  
FOXBORO, MA 02035  
508.543.1755

14 BOBALA ROAD, SUITE 2B  
HOLYOKE, MA 01040  
413.507.3448





Commonwealth of Massachusetts  
**Town of Wrentham**  
**Board of Assessors**

79 South Street, Wrentham, MA 02093  
Phone: 508-384-5408  
E-mail: [Assessor@wrentham.ma.us](mailto:Assessor@wrentham.ma.us)

**CERTIFIED ABUTTERS LIST**

**DATE:** NOVEMBER 8, 2022

**LOCATION:** 544 THURSTON STREET

**Map-Block-Parcel:** P-06-1-1

**OWNER:** W.B.H. LLC

**BOOK-PAGE:** 13583 - 596

**FOR:** Conservation Commission

**CONTACT:** Adam Dutra

**PHONE/Email:** 508-657-9269/ [adutra@parecorp.com](mailto:adutra@parecorp.com)

**WRENTHAM BOARD OF ASSESSORS**

**Ann MacCarthy**  
**Principal Assessor**

**AM:rs**  
**Enclosures**



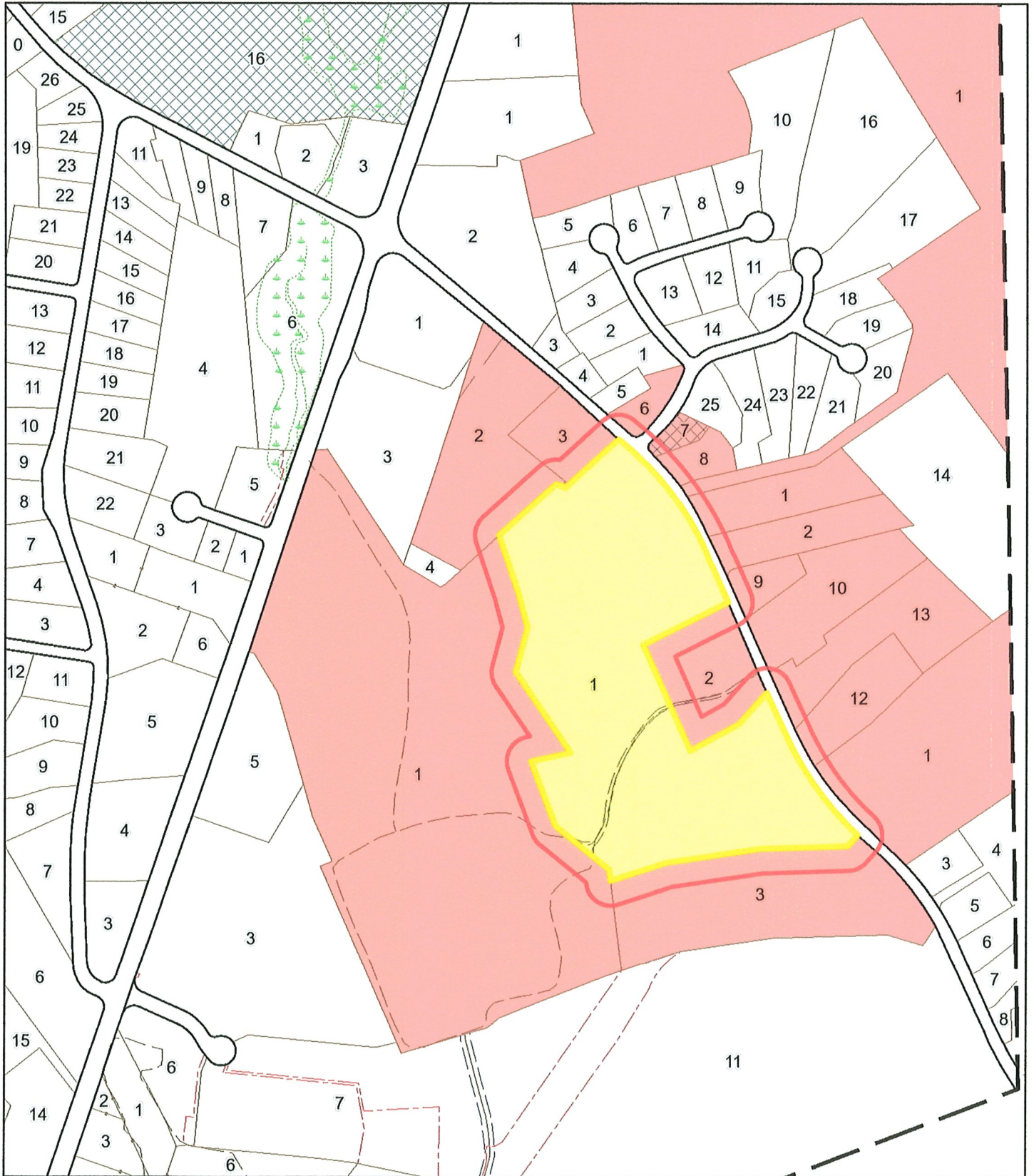
Wrentham, MA

1 inch = 559 Feet



www.cai-tech.com

November 7, 2022



Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.





# 100 foot Abutters List Report

Wrentham, MA  
November 07, 2022

## Subject Property:

Parcel Number: P-06-1-1  
CAMA Number: P-06-1-1  
Property Address: 544 THURSTON ST

Mailing Address: WBH LLC  
320 SOUTH ST  
PLAINVILLE, MA 02762

## Abutters:

Parcel Number: O-06-4-1  
CAMA Number: O-06-4-1  
Property Address: 526 THURSTON ST

Mailing Address: ADGA REALTY LOAN MANAGEMENT III, LLC  
96 MAIN ST  
BRIDGEWATER, MA 02324

Parcel Number: P-06-1-2  
CAMA Number: P-06-1-2  
Property Address: 574 THURSTON ST

Mailing Address: PROTEAU EDWARD J JR  
617 THURSTON ST  
WRENTHAM, MA 02093

Parcel Number: P-06-1-3  
CAMA Number: P-06-1-3  
Property Address: 604 THURSTON ST

Mailing Address: WD THURSTON LLC  
41 CENTRAL ST  
AUBURN, MA 01501

Parcel Number: P-06-2-12  
CAMA Number: P-06-2-12  
Property Address: 645 THURSTON ST

Mailing Address: HARRIS, RICHARD S  
645 THURSTON ST  
WRENTHAM, MA 02093

Parcel Number: P-06-2-13  
CAMA Number: P-06-2-13  
Property Address: 635 THURSTON ST

Mailing Address: ZACHEIS MARK S RUBIN MARTA  
635 THURSTON ST  
WRENTHAM, MA 02093

Parcel Number: P-06-3-10  
CAMA Number: P-06-3-10  
Property Address: 625 THURSTON ST

Mailing Address: MACKENZIE, KIMBERLY ANNE  
625 THURSTON ST  
WRENTHAM, MA 02093

Parcel Number: P-06-3-10  
CAMA Number: P-06-3-14  
Property Address: 627 THURSTON ST

Mailing Address: CARROLL, JAMIE  
627 THURSTON ST  
WRENTHAM, MA 02093

Parcel Number: P-06-3-10  
CAMA Number: P-06-3-16  
Property Address: 629 THURSTON ST

Mailing Address: OUWINGA KAREN G OUWINGA DALE J  
629 THURSTON ST  
WRENTHAM, MA 02093

Parcel Number: P-06-3-9  
CAMA Number: P-06-3-9  
Property Address: 617 THURSTON ST

Mailing Address: PROTEAU EDWARD J JR  
617 THURSTON ST  
WRENTHAM, MA 02093

Parcel Number: P-07-1-2  
CAMA Number: P-07-1-2  
Property Address: 524 THURSTON ST

Mailing Address: RLP III WRENTHAM LOGISTICS OWNER LLC  
9830 COLONNADE BLVD SUITE 600  
SAN ANTONIO, TX 78230



www.cai-tech.com

11/7/2022

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.

Page 1 of 2



# 100 foot Abutters List Report

Wrentham, MA  
November 07, 2022

Parcel Number: P-07-1-3  
CAMA Number: P-07-1-3  
Property Address: 534 THURSTON ST

Mailing Address: WOOD ELLEN ET AL C/O WOOD AGNES  
P O BOX 30  
COOPERS MILLS, ME 04341

Parcel Number: P-07-2-6  
CAMA Number: P-07-2-6  
Property Address: 5 OLD QUARRY RD

Mailing Address: KAUNFER RONALD E KAUNFER  
CHERYL B  
5 OLD QUARRY RD  
WRENTHAM, MA 02093

Parcel Number: P-07-2-7  
CAMA Number: P-07-2-7  
Property Address: 555 THURSTON ST

Mailing Address: WRENTHAM TOWN OF COLLECTOR  
79 SOUTH ST  
WRENTHAM, MA 02093

Parcel Number: P-07-2-8  
CAMA Number: P-07-2-8  
Property Address: 565 THURSTON ST

Mailing Address: MATHIS, RYAN MATHIS, SAMANTHA  
565 THURSTON ST  
WRENTHAM, MA 02093

Parcel Number: P-07-3-2  
CAMA Number: P-07-3-0  
Property Address: 613 THURSTON ST

Mailing Address: FOREST CONDOMINIUMS MASTER  
CARD  
613, 615, 625, 627, THURSTON ST  
WRENTHAM, MA 02093

Parcel Number: P-07-3-1  
CAMA Number: P-07-3-1  
Property Address: 605 THURSTON ST

Mailing Address: ACKLES ARTHUR E & JANET C BALBOA  
OLGA  
605 THURSTON ST  
WRENTHAM, MA 02093

Parcel Number: P-07-3-2  
CAMA Number: P-07-3-2  
Property Address: 615 THURSTON ST

Mailing Address: METCALF HENRY B METCALF ALISON B  
615 THURSTON ST  
WRENTHAM, MA 02093

Parcel Number: P-07-3-2  
CAMA Number: P-07-3-3  
Property Address: 613 THURSTON ST

Mailing Address: CONSIGLIO, MICHAEL  
613 THURSTON ST  
WRENTHAM, MA 02093

Parcel Number: P-08-1-1  
CAMA Number: P-08-1-1  
Property Address: 0 STATE FORESTS

Mailing Address: COMMONWEALTH OF MASS DEPT OF  
ENVIRONMENTAL MGMT  
251 CAUSEWAY STREET SUITE 600  
BOSTON, MA 02114



[www.cai-tech.com](http://www.cai-tech.com)

11/7/2022

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Page 2 of 2



ACKLES ARTHUR E & JANET C  
BALBOA OLGA  
605 THURSTON ST  
WRENTHAM, MA 02093

METCALF HENRY B  
METCALF ALISON B  
615 THURSTON ST  
WRENTHAM, MA 02093

ADGA REALTY LOAN MANAGEME  
96 MAIN ST  
BRIDGEWATER, MA 02324

OUWINGA KAREN G  
OUWINGA DALE J  
629 THURSTON ST  
WRENTHAM, MA 02093

CARROLL, JAMIE  
627 THURSTON ST  
WRENTHAM, MA 02093

PROTEAU EDWARD J JR  
617 THURSTON ST  
WRENTHAM, MA 02093

COMMONWEALTH OF MASS  
DEPT OF ENVIRONMENTAL MGM  
251 CAUSEWAY STREET SUITE  
600  
BOSTON, MA 02114

RLP III WRENTHAM LOGISTIC  
9830 COLONNADE BLVD SUITE  
600  
SAN ANTONIO, TX 78230

CONSIGLIO, MICHAEL  
613 THURSTON ST  
WRENTHAM, MA 02093

WD THURSTON LLC  
41 CENTRAL ST  
AUBURN, MA 01501

FOREST CONDOMINIUMS  
MASTER CARD  
613, 615, 625, 627, THURSTON ST  
WRENTHAM, MA 02093

WOOD ELLEN ET AL  
C/O WOOD AGNES  
P O BOX 30  
COOPERS MILLS, ME 04341

HARRIS, RICHARD S  
645 THURSTON ST  
WRENTHAM, MA 02093

WRENTHAM TOWN OF  
COLLECTOR  
79 SOUTH ST  
WRENTHAM, MA 02093

KAUNFER RONALD E  
KAUNFER CHERYL B  
5 OLD QUARRY RD  
WRENTHAM, MA 02093




ZACHEIS MARK S  
RUBIN MARTA  
635 THURSTON ST  
WRENTHAM, MA 02093

MACKENZIE, KIMBERLY ANNE  
625 THURSTON ST  
WRENTHAM, MA 02093



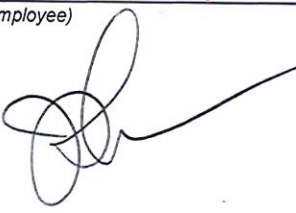
MATHIS, RYAN  
MATHIS, SAMANTHA  
565 THURSTON ST  
WRENTHAM, MA 02093



# Certificate of Mailing — Firm



Name and Address of Sender  Pare Project No. 22191.00  Seaver Anderson Pare Corporation 8 Blackstone Valley Place Lincoln, RI 02865	TOTAL NO. of Pieces Listed by Sender  <div style="text-align: center; font-size: 2em; font-weight: bold;">6</div>	TOTAL NO. of Pieces Received at Post Office™  	Affix Stamp Here <i>Postmark with Date of Receipt.</i>  <div style="text-align: right;">  </div>
		Postmaster, per (name of receiving employee)  	

USPS® Tracking Number	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	PROTEAU EDWARD J JR 617 THURSTON ST WRENTHAM, MA 02093	.57	.50		
2.	RLP III WRENTHAM LOGISTIC 9830 COLONNADE BLVD SUITE 600 SAN ANTONIO, TX 78230	.57	.50		
3.	WD THURSTON LLC 41 CENTRAL ST AUBURN, MA 01501	.57	.50		
4.	WOOD ELLEN ET AL C/O WOOD AGNES PO BOX 30 COOPERS MILLS, ME 04341	.57	.50		
5.	WRENTHAM TOWN OF COLLECTOR 79 SOUTH ST WRENTHAM, MA 02093	.57	.50		
6.	ZACHEIS MARKS RUBIN MARTA 635 THURSTON ST WRENTHAM, MA 02093	.57	.50		

Name and Address of Sender  Pare Project No. 22191.00  Seaver Anderson Pare Corporation 8 Blackstone Valley Place Lincoln, RI 02865	TOTAL NO. of Pieces Listed by Sender  <div style="text-align: center; font-size: 2em;">6</div>	TOTAL NO. of Pieces Received at Post Office™  <div style="text-align: center;">  </div>	Affix Stamp Here <i>Postmark with Date of Receipt.</i>  <div style="text-align: right;">  </div>
Postmaster, per (name of receiving employee)  <div style="text-align: center;">  </div>			

USPS® Tracking Number	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	HARRIS, RICHARD S 645 THURSTON ST WRENTHAM, MA 02093	.57	.50		
2.	KAUNFER RONALD E KAUNFER CHERYL B 5 OLD QUARRY RD WRENTHAM, MA 02093	.57	.50		
3.	MACKENZIE, KIMBERLY ANNE 625 THURSTON ST WRENTHAM, MA 02093	.57	.50		
4.	MATHIS, RYAN MATHIS, SAMANTHA 565 THURSTON ST WRENTHAM, MA 02093	.57	.50		
5.	METCALF HENRY B METCALF ALISON B 615 THURSTON ST WRENTHAM, MA 02093	.57	.50		
6.	OUWINGA KAREN G OUWINGA DALE J 629 THURSTON ST WRENTHAM, MA 02093	.57	.50		



Name and Address of Sender  Pare Project No. 22191.00  Seaver Anderson Pare Corporation 8 Blackstone Valley Place Lincoln, RI 02865	TOTAL NO. of Pieces Listed by Sender  <div style="text-align: center; font-size: 2em;">6</div>	TOTAL NO. of Pieces Received at Post Office™  <div style="text-align: center; font-size: 2em;">6</div>	Affix Stamp Here <i>Postmark with Date of Receipt.</i>  
Postmaster, per (name of receiving employee)  			

	USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.		ACKLES ARTHUR E & JANET C BALBOA OLGA 605 THURSTON ST WRENTHAM, MA 02093	.57	.50		
2.		ADGA REALTY LOAN MANAGEMENT 96 MAIN ST BRIDGEWATER, MA 02324	.57	.50		
3.		CARROLL, JAMIE 627 THURSTON ST WRENTHAM, MA 02093	.57	.50		
4.		COMMONWEALTH OF MASS DEPT. OF ENVIROMENTAL MGM. 251 CAUSEWAY STREET, SUITE 600 BOSTON, MA 02114	.57	.50		
5.		CONSIGLIO, MICHAEL 613 THURSTON ST WRENTHAM, MA 02093	.57	.50		
6.		FOREST CONDOMINIUMS MASTER CARD 613,615,625, 627 THURSTON ST WRENTHAM, MA 02093	.57	.50		

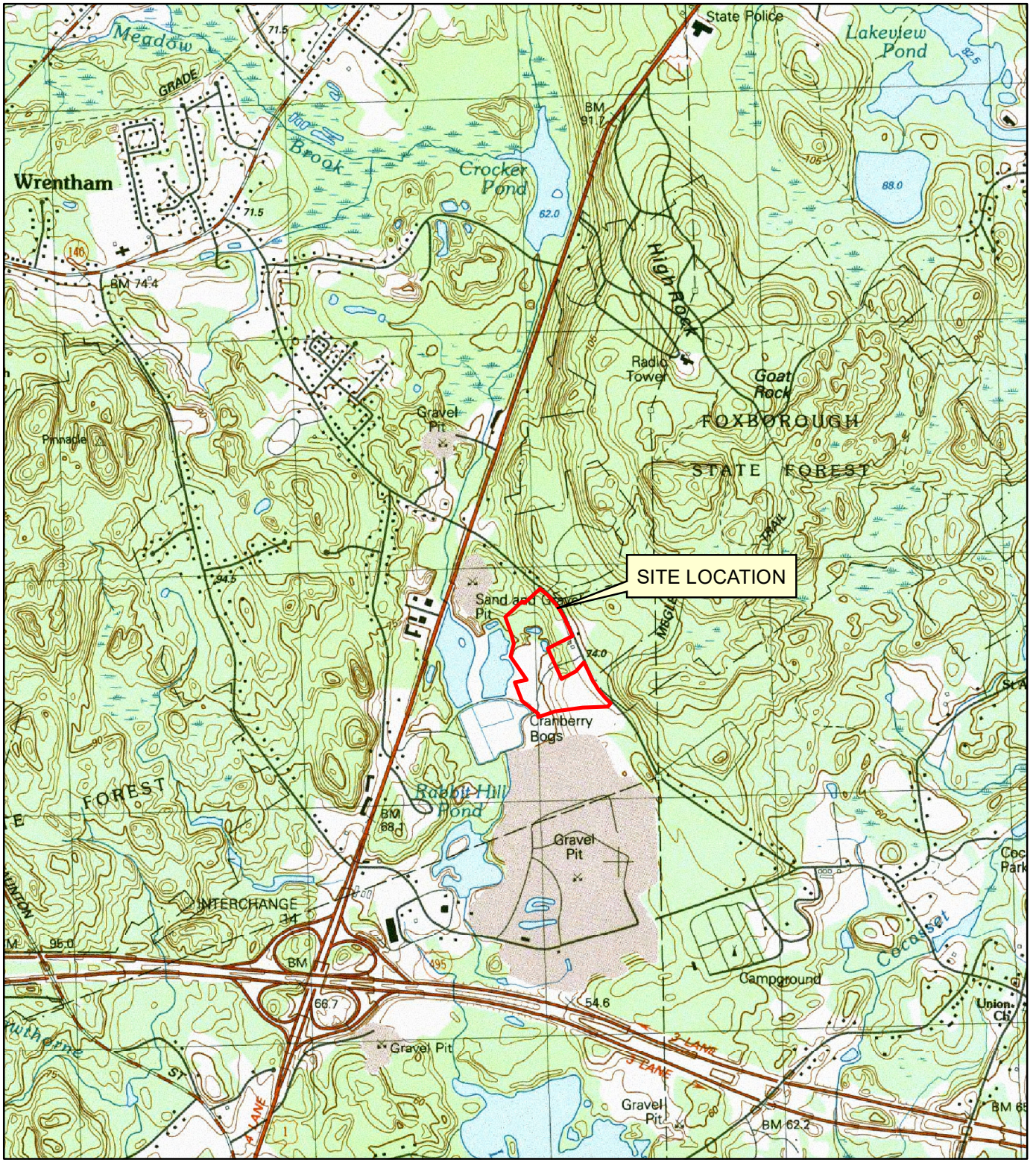
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## SECTION 3

Figures







### SITE LOCATION MAP

SCALE: 1"=2,000'



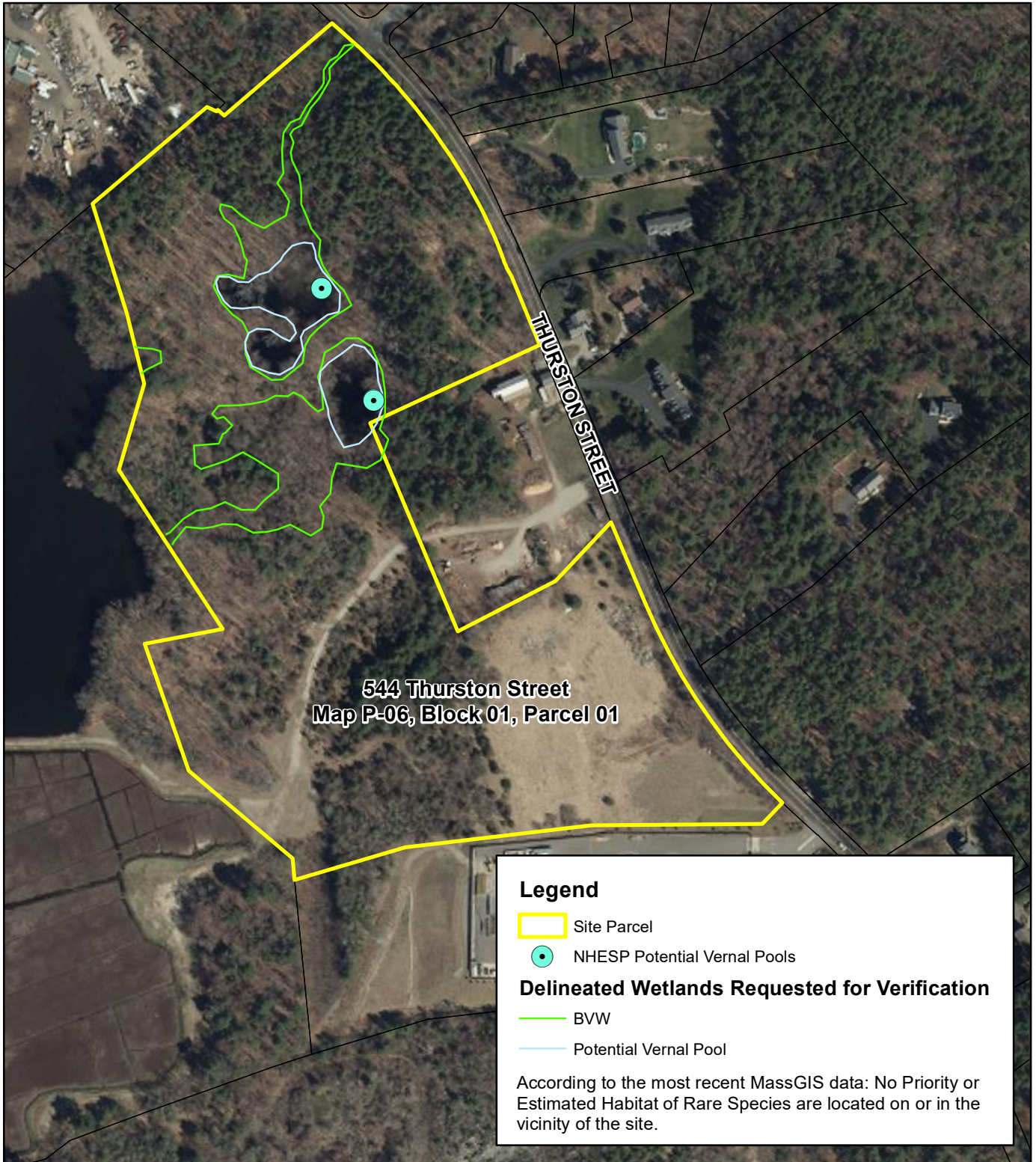
8 BLACKSTONE VALLEY PLACE  
LINCOLN, RI 02865  
(401) 334-4100

10 LINCOLN ROAD, SUITE 210  
FOXBORO, MA 02035  
(508) 543-1755

### FIGURE 1

544 THURSTON ST  
WRENTHAM, MA





# ANNOTATED AERIAL PHOTOGRAPH

SCALE: 1" = 300'



8 BLACKSTONE VALLEY PLACE  
LINCOLN, RI 02865  
(401) 334-4100

10 LINCOLN ROAD, SUITE 210  
FOXBORO, MA 02035  
(508) 543-1755

PARE PROJECT No. 22191.00

NOVEMBER 2022

## FIGURE 2

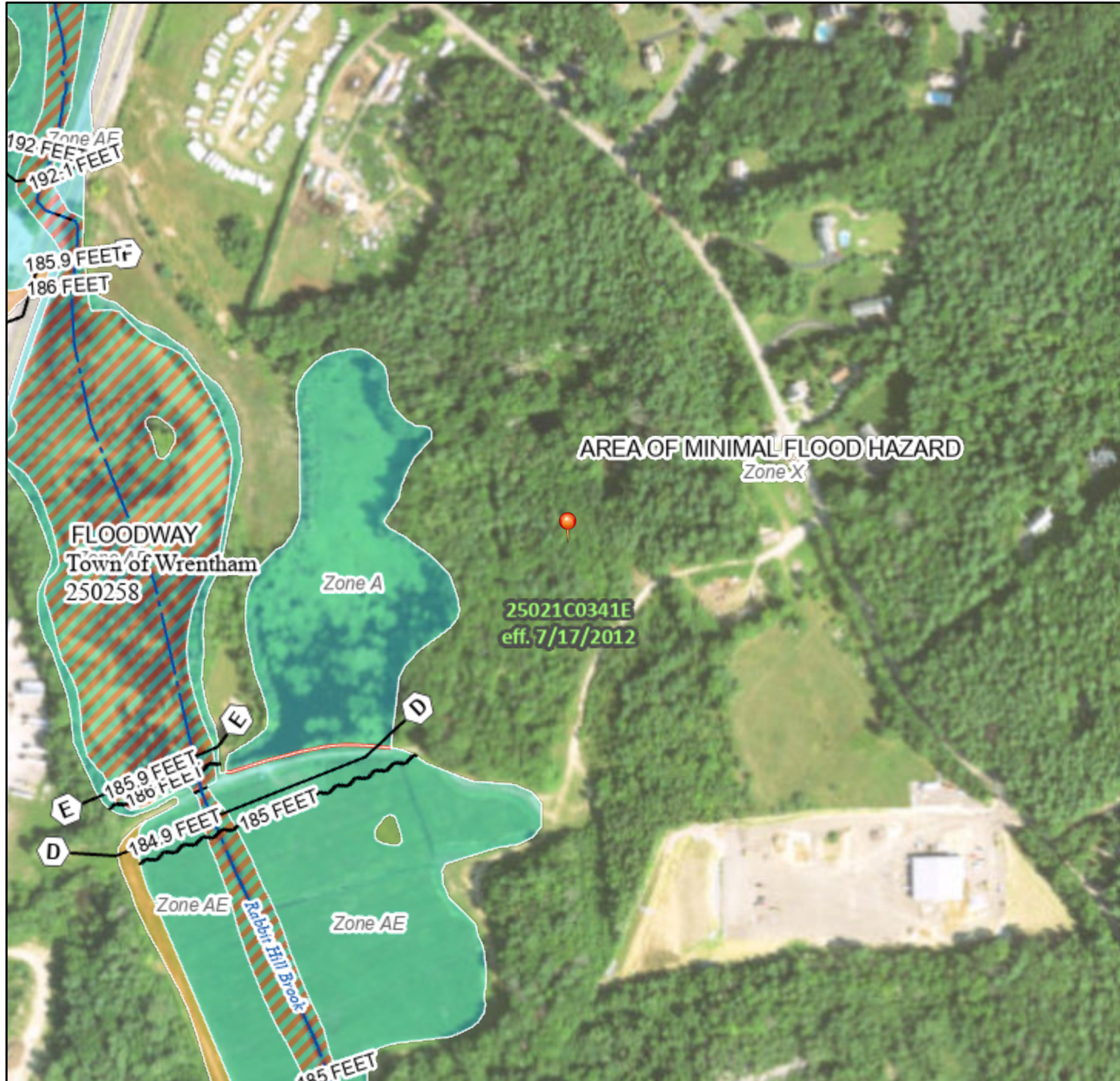
### 544 THURSTON ST WRENTHAM, MA



# National Flood Hazard Layer FIRMette



71°18'2"W 42°3'12"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **11/1/2022 at 4:29 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



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**SECTION 4**

Wetland Delineation Report





## WETLAND FIELD REPORT

**PROJECT TITLE:** 544 Thurston Street

**PARE JOB NO.:** 22191.00

**LOCATION:** Wrentham, Massachusetts

**DELINEATION DATE:** 06/02/2022, 06/06/2022,  
06/30/2022

**WEATHER:** Variable

**REPORT DATE:** 06/09/2022  
Revised 11/02/2022

**PERFORMED BY:** Seaver Anderson,  
Lauren Gluck, PWS, Adam Dutra

### DISCUSSIONS AND COMMENTS

Wetland resource areas in the vicinity of the 544 Thurston Street in Wrentham, Massachusetts were defined and delineated in accordance with the Massachusetts Wetlands Protection Act Regulations (310 CMR 10.00, referred to as the Regulations), the Wrentham Wetlands Protection Bylaw (The Bylaw) and the methodology specified in the publications entitled Delineating Bordering Vegetated Wetlands under the Massachusetts Wetlands Protection Act (Jackson, 1995). Inspection and delineation of wetlands was completed on June 2, June 6, and June 30<sup>th</sup> of 2022.

544 Thurston Street (referred to herein as, “the site”) is approximately 29.17 acres and located just north of the Wrentham-Foxborough town line. A wetland complex is located in the northern half of the site and includes two Bordering Vegetated Wetlands, an intermittent stream, and two potential vernal pools. Wetlands were also delineated on the adjacent properties located east and west of the site (526 Thurston St. and 635 Thurston St.) to account for Buffer Zone that extends onto the site.

According to the most recent available MassGIS data, no Areas of Critical Environmental Concern or mapped rare species habitat are located on or in the immediate vicinity of the site. Two potential vernal pools are mapped on the site (ID’s 29511 and 29512). According to the FEMA Flood Insurance Rate Map for the area (Map Number 25021C0341E, effective date July 17, 2012), an area of Zone A Floodplain (no base flood elevation) is located west of the site.

Pink field flags were placed at appropriate intervals along the wetland/upland border. Primary parameters evaluated in wetland delineation included vegetation, indicators of wetland hydrology, and hydric soil indicators. Edges of the Potential Vernal Pools (PVP) were delineated according to the first observable break in slope and ordinary high-water marks. Observed wetland hydrologic indicators and soils are described in the following sections and within the attached BVW Data Forms. Wetland resource areas within the vicinity of the site include the following: **Bordering Vegetated Wetlands** and **Vernal Pool Habitat**. Wetland resource areas are discussed in the following sections.

## WETLAND FIELD REPORT

### WETLAND DESCRIPTIONS

#### **Bordering Vegetated Wetlands**

Four Bordering Vegetated Wetlands (BVW) were delineated in the vicinity of the site spanning a majority of its western half and one wetland located across Thurston Street. According to 310 CMR 10.55, these areas meet the definition of **Bordering Vegetated Wetlands (BVWs)**, and therefore have associated **100-foot Buffer Zones** as well as **50-foot No Disturb Zones** in accordance with the Wrentham Bylaw. Each of the delineated wetland areas are described below.

#### *Wetland A*

Flag series A-1 to A-76 is a forested wetland dominated by Red Maple (*Acer rubrum*) that borders on an intermittent stream and contains a potential vernal pool. A dense shrub layer consisting primarily of Glossy Buckthorn (*Frangula alnus*) and Spice Bush (*Lindera benzoin*) dominates the understory. The wetland borders an intermittent stream channel that discharges from two culverted pipes between flags A-8 and A-9. The channel extends downgradient eventually dissipating in the A-series wetland interior. At the time of delineation, the stream channel was dry. The stream is not shown on the USGS topographic map for the area and has a watershed size of 0.25 acres (0.000386 square miles) according to the USGS StreamStats method as the channel does not have a digitized centerline. Therefore, the stream is determined to be intermittent and does not have an associated 200-foot Riverfront Area. At flag A-19 the intermittent stream enters the wetland, and the channel loss definition. At flag A-26 the wetland edge turns south and runs generally parallel to a potential vernal pool (PVP) edge up to flag A-54. At flags A-54/55 the wetland edge turns away from the PVP and extends northeast towards Thurston Street. Between flags A-55 and A-66 the wetland extends northwest around a convergent zone. From flags A-66 to A-76 the wetland narrows before connecting with Flag A-1 along the intermittent stream channel. Hydrology in the wetland interior appears to be indicative of seasonally flooded conditions while saturated conditions appear to dominate the wetland edge.

The ordinary high water mark of the vernal pool (PVP A) was delineated to establish the boundaries of **Vernal Pool Habitat** on the property, which includes “*the area within 100 feet of the mean annual boundaries of such depressions, to the extent that such habitat is within an Area Subject to Protection under M.G.L. c. 131, § 40 as specified in 310 CMR 10.02(1)*” (i.e. areas within 100 feet of the vernal pool that are located within the A-series BVW). Flag series PVP A-1 to PVP A-49 defines the perimeter of the vernal pool which was delineated according to the water line and water staining. At the time of delineation, the vernal pool was partially flooded, and water levels were at or near the ordinary high-water mark in some areas. Water-stained leaves and defined breaks in slope indicated ordinary high water in areas that were not inundated at the time of delineation. It should be noted that at the time of delineation there were two separate pools located within the A-series, however water staining indicates that the two pools connect via a channelized area. The interior of the larger of the two pools was vegetated with shrubs, grasses, and sedges. Surrounding vegetation included White Pine (*Pinus Strobus*), Red Maple, Grape (*Vitis sp.*), and Oriental Bittersweet (*Celastrus orbiculatus*). Wetland vegetation observed within the A-series BVW and Vernal Pool Habitat included, but was not limited to, the following species:

Common Name	Scientific Name	Indicator Status
Ash	<i>Fraxinus sp.</i>	FAC
Red Maple	<i>Acer rubrum</i>	FAC

## WETLAND FIELD REPORT

Spice Bush	<i>Lindera benzoin</i>	FACW
Burning Bush	<i>Euonymus alatus</i>	NI
Swamp White Oak	<i>Quercus bicolor</i>	FACW
White Pine	<i>Pinus strobus</i>	FACU
Jewelweed	<i>Impatiens capensis</i>	FACW
Glossy Buckthorn	<i>Frangula alnus</i>	FAC
Grape	<i>Vitis sp.</i>	FACU
Oriental Bittersweet	<i>Celastrus orbiculatus</i>	UPL

### *Wetland B*

Flag series B-1 to B-128 starts on the property west of the site along the edge of Thurston Street Pond. Between flags B-1 and B-4 the series corresponds to the pond bank. The series then turns slightly east and continues in a southern direction defining the edge of a fringe wetland that runs long the pond edge until flag B-35. At flag B-35 the series turns abruptly to the east following the edge of a narrow low-lying area that appears to intermittently flood. The edge then turns north following a very gradual transition up to flag B-60 where it meets an abrupt break in slope and turns sharply to the east. The series continues east along this well-defined edge and encompasses a potential vernal pool at its eastern most end before gradually turning back west toward Thurston Street Pond. The wetland returns to a fringe along Thurston Street Pond at flag B-104 and continues south running generally parallel with the pond edge except for a section between flags B-108 and B-116 where the wetland edge extends around a flooded depression that was disconnected from the pond by a narrow land bridge. The series ends at flag B-128 where the wetland edge turns west along a dirt road embankment away from the subject site. The wetland appears to have seasonally flooded hydrology in its interior with areas of saturated hydrology along the outer portion of the wetland. Red Maple and Ash dominate the overstory while a thick understory is composed primarily of Sweet Pepperbush (*Clethra alnifolia*), Spicebush (*Lindera benzoin*) and Glossy Buckthorn (*Frangula alnus*).

Similar to the vernal pool found in the A-series, the ordinary high-water mark of the vernal pool B was delineated to establish its boundaries. Flag series PVP B-1 to PVP B-20 defines the perimeter of the vernal pool which was delineated according to the water line and water staining. At the time of delineation, there was still a significant amount of standing water within the basin. Vegetation was found growing within the interior of the basin including a variety of different sedges. At flag PVP B-17 there is a small outlet channel that connects to a separate basin and saturated area within the wetland series. Wetland vegetation observed within the B-series wetland and vernal pool habitat included, but was not limited to, the following species:

Common Name	Scientific Name	Indicator Status
Red Maple	<i>Acer rubrum</i>	FAC
Ash	<i>Fraxinus sp.</i>	FAC
Highbush Blueberry	<i>Vaccinium corymbosum</i>	FACW
Winterberry	<i>Ilex verticillata</i>	FACW
Cinnamon Fern	<i>Osmunda cinnamomea</i>	FACW
Witch Hazel	<i>Hamamelis virginiana</i>	FACU
Yellow Birch	<i>Betula alleghaniensis</i>	FAC
Swamp Doghobble	<i>Eubotrys racemosus</i>	FACW
Sweet Pepperbush	<i>Clethra alnifolia</i>	FAC
Royal Fern	<i>Osmunda regalis</i>	OBL
Sensitive Fern	<i>Onoclea sensibilis</i>	FACW

## WETLAND FIELD REPORT

Glossy Buckthorn	<i>Frangula alnus</i>	FAC
Spicebush	<i>Lindera benzoin</i>	FACW
Tussock Sedge	<i>Carex stricta</i>	OBL
Fringed Sedge	<i>Carex crinita</i>	OBL

### *Wetland C*

Flag series C-1 to C-14 defines the north and eastern edge of a cranberry bog on the property west of the site. The series starts opposite of flag B-128 and extends south along the edge of an abrupt slope that goes into the bog. At flag C-11 the series turns back west and spans three more flags before coming to an end. Downgrade of the flags is densely vegetated with rushes, grasses, and sedges including Shallow Sedge (*Carex lurida*), Common Rush (*Juncus effusus*) and Switchgrass (*Panicum sp.*). Wetland vegetation observed included, but was not limited to, the following species:

Common Name	Scientific Name	Indicator Status
Spotted Joe-Pye-Weed	<i>Eutrochium maculatum</i>	FAC
Shallow Sedge	<i>Carex lurida</i>	OBL
Common Rush	<i>Juncus effusus</i>	OBL
Common Fox Sedge	<i>Carex vulpinoidea</i>	OBL
Broom Sedge	<i>Carex scoparia</i>	FACW
Cranberry	<i>Vaccinium macrocarpon</i>	OBL
Switch Grass sp.	<i>Panicum sp.</i>	FAC
Upright Sedge	<i>Carex stricta</i>	OBL
Purple Loosestrife	<i>Lythrum salicaria</i>	OBL
Strict Blue Eye Grass	<i>Sisyrinchium montanum</i>	FAC
Eastern Marsh Fern	<i>Thylypteris palustris</i>	FACW

### *Wetland D*

Flag Series D-1 to D-9 defines a wetland located east of the site across Thurston Street. The delineated wetland edge was densely forested with a shrub understory dominated by Sensitive Fern. Flags D-4 to D-8 follow drainage channels located along the road shoulder. The drainage channels begin at a culvert outlet near a driveway and eventually connects with a stone culvert. Wetland vegetation observed included, but was not limited to, the following species:

Common Name	Scientific Name	Indicator Status
Red Maple	<i>Acer rubrum</i>	FAC
Glossy Buckthorn	<i>Frangula alnus</i>	FAC
Sensitive Fern	<i>Onoclea sensibilis</i>	FACW
Greenbrier	<i>Smilax rotundifolia L.</i>	FAC

AD/SA

Z:\JOBS\10 Jobs\10220.30 - Edgewood Thurston St Wrentham ANRAD - MA\Reports\Thurston Street Wetland Report.doc



Photo No. 1: View of headwall where intermittent stream discharges from along Thurston Street, facing north toward flags A-8 and A-9.



Photo No. 2: View of the A-series wetland edge facing north toward flag A-31.







Photo No. 3: General view of the A-series PVP facing east from near flag A-49.



Photo No. 4: View of the A-series PVP and BVW edge facing northeast toward wetland flag A-43.







Photo No. 5: View of the B-series wetland edge facing west toward flag B-2.



Photo No. 6: View of the pond bordered by the B-series wetland.







Photo No. 7: General view of the B-series PVP facing northwest from near flag PVP B-5.



Photo No. 8: View of C-series cranberry bog facing northwest toward flag C-9.







Photo No. 7: General view of the D-series BVW facing southwest from near flag D-3.



## DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

**Applicant:** Lincoln Property Company **Prepared by:** Pare Corporation **Project location:** 544 Thurston Street, Wrentham  
**DEP File #:** None **S. Anderson, A. Dutra**

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out section I only.  
 Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II.  
 Method other than dominance test used (attach additional information).

Section I. Observation Plot Number: 1    Transect Number: A (Wetland Station)    5'± U/G WF A-27    Date of Delineation: June 6, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> White Pine ( <i>Pinus strobus</i> )	26-50 (38)	48	Y	FACU
Red Maple ( <i>Acer rubrum</i> )	6-15 (10.5)	13	N	
Ash ( <i>Fraxinus sp.</i> )	6-15 (10.5)	13	N	
Hickory ( <i>Carya sp.</i> )	6-15 (10.5)	13	N	
Slippery Elm ( <i>Ulmus rubra</i> )	6-15 (10.5)	13	N	
<b>Total</b>	80	100		
<b>Sapling</b> Eastern Hophornbeam ( <i>Ostrya virginiana</i> )	16-25 (20.5)	100	Y	FACU
<b>Total</b>	20.5	100		
<b>Shrub</b> Glossy Buckthorn ( <i>Frangula alnus</i> )	26-50 (38)	37	Y	FAC*
Burning Bush ( <i>Euonymus alatus</i> )	16-25 (20.5)	20	Y	NI
Eastern Hophornbeam ( <i>Ostrya virginiana</i> )	16-25 (20.5)	20	Y	FACU
Oriental Bittersweet ( <i>Celastrus orbiculatus</i> )	6-15 (10.5)	10	N	
Virginia Creeper ( <i>Parthenocissus quinquefolia</i> )	6-15 (10.5)	10	N	
Spicebush ( <i>Lindera benzoin</i> )	1-5 (3.0)	3	N	
<b>Total</b>	103	100		
<b>Herb</b> Dewberry ( <i>Rubus flagellaris</i> )	26-50 (38)	51	Y	FACU
Garlic Mustard ( <i>Alliaria petiolata</i> )	16-25 (20.5)	27	Y	FACU
Sessile Bellwort ( <i>Uvularia sessifolia</i> )	6-15 (10.5)	14	N	
Canada Mayflower ( <i>Maianthemum canadense</i> )	1-5 (3.0)	4	N	
Pennsylvania Sedge ( <i>Carex pensylvanica</i> )	1-5 (3.0)	4	N	
<b>Total</b>	75	100		

\*Use an asterisk to mark wetland indicator plants species listed in the Wetlands Protection Act ( MGL c. 131, s. 40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological adaptations, describe the adaptation next to the asterisk.

**Vegetation Conclusion:**

Number of dominant wetland indicator plants: 1

Number of dominant non-wetland indicator plants: 5

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES  NO

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Soil Survey of Norfolk and Suffolk Counties, Massachusetts (MA616), 1985

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 245 C- Hinckley Loamy Sand

Hydric Soil Inclusions: Yes  No

Are field observations consistent with soil survey?  Yes  No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
Oe	1/2-0	10YR 2/2	
A	0-3	10YR 2/1	
Bw	3-14	7.5YR 3/4	

Remarks: Bw horizon is very gravelly sandy loam.

2. Other:

Conclusion: Is soil hydric? Yes  No

Other Indicators of Hydrology: (check all that apply and describe)

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW:
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other:

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Sample location is in a BVW</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Submit this form with the Request for Determination of Applicability or Notice of Intent

## DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

**Applicant:** Lincoln Property Company **Prepared by:** Pare Corporation **Project location:** 544 Thurston Street, Wrentham  
**DEP File #:** None **S. Anderson, A. Dutra**

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out section I only.  
 Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II.  
 Method other than dominance test used (attach additional information).

<b>Section I.</b> Observation Plot Number: 2    Transect Number: A (Wetland Station)    5'± D/G WF A-27    Date of Delineation: June 6, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Ash ( <i>Fraxinus sp.</i> )	26-50 (38)	65	Y	FAC*
Red Maple ( <i>Acer rubrum</i> )	16-25 (20.5)	35	Y	FAC*
<b>Total</b>	58.5	100		
<b>Sapling</b> None				
<b>Total</b>				
<b>Shrub</b> Glossy Buckthorn ( <i>Frangula alnus</i> )	51-75 (63.0)	65	Y	FAC*
Oriental Bittersweet ( <i>Celastrus orbiculatus</i> )	16-25 (20.5)	21	Y	UPL
Grape ( <i>Vitis sp.</i> )	6-15 (10.5)	11	N	
Tatarian Honeysuckle ( <i>Lonicera tatarica</i> )	1-5 (3.0)	3	N	
<b>Total</b>	97	100		
<b>Herb</b> Sedge ( <i>Carex sp.</i> )	26-50 (38)	55	Y	FACW*
Oriental Bittersweet ( <i>Celastrus orbiculatus</i> )	16-25 (20.5)	30	Y	UPL
Ash ( <i>Fraxinus sp.</i> )	6-15 (10.5)	15	N	
<b>Total</b>	69	100		

\*Use an asterisk to mark wetland indicator plants species listed in the Wetlands Protection Act ( MGL c. 131, s. 40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological adaptations, describe the adaptation next to the asterisk.

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 4

Number of dominant non-wetland indicator plants: 2

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES    NO

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Soil Survey of Norfolk and Suffolk Counties, Massachusetts (MA616), 1985

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 245 C- Hinckley Loamy Sand

Hydric Soil Inclusions: None

Are field observations consistent with soil survey? Yes  No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
Oa	3-0"	10YR 2/1	
A	0-4"	10YR 2/1	
Bw	4-16"	10YR 3/2	10YR 2/1 (10%) 10YR 4/4 (10%)

Remarks:

2. Other:

Conclusion: Is soil hydric?  Yes  No

Other Indicators of Hydrology: (check all that apply and describe)

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW:
- Oxidized rhizospheres:
- Water-stained leaves: Present downgradient of edge.
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other: Buttressed roots

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wetland hydrology present: hydric soil present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
other indicators of hydrology present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Sample location is in a BVW</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Submit this form with the Request for Determination of Applicability or Notice of Intent

## DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

**Applicant:** Lincoln Property Company **Prepared by:** Pare Corporation **Project location:** 544 Thurston Street, Wrentham  
**DEP File #:** None **S. Anderson, A. Dutra**

Check all that apply:

Vegetation alone presumed adequate to delineate BVW boundary: fill out section I only.

Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II.

Method other than dominance test used (attach additional information).

<b>Section I.</b> Observation Plot Number: 4    Transect Number: A (Wetland Station)    5'± U/G WF A-57    Date of Delineation: June 6, 2022				
<b>A. Sample Layer and Plant Species</b> (by common/ scientific name)	<b>B. Percent Cover</b> (or basal area)	<b>C. Percent Dominance</b>	<b>D. Dominant Plant</b> (Yes or No)	<b>E. Wetland Indicator</b> Category *
<b>Tree</b> Red Maple ( <i>Acer rubrum</i> )	16-25 (20.5)	33	Y	FAC*
Red Oak ( <i>Quercus rubra</i> )	16-25 (20.5)	33	Y	FACU
White Pine ( <i>Pinus strobus</i> )	6-15 (10.5)	17	N	
Ash ( <i>Fraxinus sp.</i> )	6-15 (10.5)	17	N	
<b>Total</b>	62	100		
<b>Sapling</b> Eastern Hophornbeam ( <i>Ostrya virginiana</i> )	16-25 (20.5)	100	Y	FACU
<b>Total</b>	20.5	100		
<b>Shrub</b> Eastern hophornbeam ( <i>Ostrya virginiana</i> )	26-50 (38)	36	Y	FACU
Spice Bush ( <i>Lindera benzoin</i> )	16-25 (20.5)	19	N	
Glossy Buckthorn ( <i>Frangula alnus</i> )	16-25 (20.5)	19	N	
Burning Bush ( <i>Euonymus alatus</i> )	6-15 (10.5)	10	N	
Virginia Creeper ( <i>Parthenocissus quinquefolia</i> )	6-15 (10.5)	10	N	
Multiflora Rose ( <i>Rosa multiflora</i> )	1-5 (3.0)	3	N	
Greenbrier ( <i>Smilax rotundifolia</i> )	1-5 (3.0)	3	N	
<b>Total</b>	106	100		
<b>Herb</b> Canada Mayflower ( <i>Maianthemum canadense</i> )	16-25 (20.5)	46	Y	FACU
Dewberry ( <i>Rubus flagellaris</i> )	6-15 (10.5)	24	Y	FACU
Sessile Bellwort ( <i>Uvularia sessifolia</i> )	6-15 (10.5)	24	Y	FACU
Pennsylvania Sedge ( <i>Carex pennsylvanica</i> )	1-5 (3.0)	7	N	
<b>Total</b>	44.5	101		

\*Use an asterisk to mark wetland indicator plants species listed in the Wetlands Protection Act ( MGL c. 131, s. 40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological adaptations, describe the adaptation next to the asterisk.

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 1

Number of dominant non-wetland indicator plants: 6

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES\_  NO

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Soil Survey of Norfolk and Suffolk Counties, Massachusetts (MA616), 1985

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 245 C- Hinckley Loamy Sand

Hydric Soil Inclusions: None

Are field observations consistent with soil survey?  Yes  No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
Oe	1/2-0"	10YR 2/2	
A	0-4"	10YR 3/2	
Bw	4-12+"	10YR 4/6	

Remarks: Very gravelly B horizon.

2. Other:

Conclusion: Is soil hydric? Yes  No

Other Indicators of Hydrology: (check all that apply and describe)

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW:
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other:

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Sample location is in a BVW</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Submit this form with the Request for Determination of Applicability or Notice of Intent



## DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

**Applicant:** Lincoln Property Company **Prepared by:** Pare Corporation **Project location:** 544 Thurston Street, Wrentham  
**DEP File #:** None **S. Anderson, A. Dutra**

Check all that apply:

Vegetation alone presumed adequate to delineate BVW boundary: fill out section I only.

Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II.

Method other than dominance test used (attach additional information).

<b>Section I.</b> Observation Plot Number: 3    Transect Number: A (Wetland Station)    5'± D/G WF A-57    Date of Delineation: June 6, 2022				
<b>A. Sample Layer and Plant Species</b> (by common/ scientific name)	<b>B. Percent Cover</b> (or basal area)	<b>C. Percent Dominance</b>	<b>D. Dominant Plant</b> (Yes or No)	<b>E. Wetland Indicator Category *</b>
<b>Tree</b> Red Maple ( <i>Acer rubrum</i> )	51-75 (63.0)	75	Y	FAC*
Ash ( <i>Fraxinus sp.</i> )	6-15 (10.5)	13	N	
White Pine ( <i>Pinus strobus</i> )	6-15 (10.5)	13	N	
<b>Total</b>	84	101		
<b>Sapling</b> Red Maple ( <i>Acer rubrum</i> )	6-15 (10.5)	50	Y	FAC*
Eastern Hophornbeam ( <i>Ostrya virginiana</i> )	6-15 (10.5)	50	Y	FACU
<b>Total</b>	21	100		
<b>Shrub</b> Glossy Buckthorn ( <i>Frangula alnus</i> )	16-25 (20.5)	23	Y	FAC*
Spice Bush ( <i>Lindera benzoin</i> )	16-25 (20.5)	23	Y	FACW*
Virginia Creeper ( <i>Parthenocissus quinquefolia</i> )	16-25 (20.5)	23	Y	FACU
Multiflora Rose ( <i>Rosa multiflora</i> )	6-15 (10.5)	12	N	
Eastern hophornbeam ( <i>Ostrya virginiana</i> )	6-15 (10.5)	12	N	
Burning Bush ( <i>Euonymus alatus</i> )	1-5 (3.0)	3	N	
Greenbrier ( <i>Smilax rotundifolia</i> )	1-5 (3.0)	3	N	
<b>Total</b>	88.5	99		
<b>Herb</b> Glossy Buckthorn ( <i>Frangula alnus</i> )	26-50 (38)	53	Y	FAC*
Dewberry ( <i>Rubus flagellaris</i> )	16-25 (20.5)	28	Y	FACU
Canada Mayflower ( <i>Maianthemum canadense</i> )	6-15 (10.5)	15	N	
Sessile Bellwort ( <i>Uvularia sessifolia</i> )	1-5 (3.0)	4	N	
<b>Total</b>	72	100		

\*Use an asterisk to mark wetland indicator plants species listed in the Wetlands Protection Act ( MGL c. 131, s. 40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological adaptations, describe the adaptation next to the asterisk.

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 5

Number of dominant non-wetland indicator plants: 3

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES    NO

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Soil Survey of Norfolk and Suffolk Counties, Massachusetts (MA616), 1985

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 245 C- Hinckley Loamy Sand

Hydric Soil Inclusions: None

Are field observations consistent with soil survey?  Yes  No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
Oe	1-0"	10YR 2/2	
A	0-5"	10YR 2/2	
Bw	5-10+"	7.5YR 3/4	

Remarks: Very rocky B horizon.

2. Other:

Conclusion: Is soil hydric? Yes  No

Other Indicators of Hydrology: (check all that apply and describe)

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW:
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other: Buttressed Roots and microrelief

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wetland hydrology present: hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Sample location is in a BVW</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Submit this form with the Request for Determination of Applicability or Notice of Intent

## DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

**Applicant:** Lincoln Property Company **Prepared by:** Pare Corporation **Project location:** 544 Thurston Street, Wrentham  
**DEP File #:** None **S. Anderson, A. Dutra**

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out section I only.  
 Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II.  
 Method other than dominance test used (attach additional information).

<b>Section I.</b> Observation Plot Number: 7    Transect Number: B (Wetland Station)    5'± U/G WF B-46    Date of Delineation: June 6, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> White Pine ( <i>Pinus strobus</i> )	26-50 (38)	55	Y	FACU
Black Oak ( <i>Quercus velutina</i> )	6-15 (10.5)	15	N	
Ash ( <i>Fraxinus sp.</i> )	6-15 (10.5)	15	N	
Eastern Cottonwood ( <i>Populus deltoides</i> )	6-15 (10.5)	15	N	
<b>Total</b>	69.5	100		
<b>Sapling</b> Red Maple ( <i>Acer rubrum</i> )	6-15 (10.5)	100	Y	FAC*
<b>Total</b>	10.5	100		
<b>Shrub</b> Glossy Buckthorn ( <i>Frangula alnus</i> )	16-25 (20.5)	55	Y	FAC*
Oriental Bittersweet ( <i>Celastrus orbiculatus</i> )	6-15 (10.5)	28	Y	UPL
Tatarian Honeysuckle ( <i>Lonicera tatarica</i> )	1-5 (3.0)	8	N	
Grape ( <i>Vitis sp.</i> )	1-5 (3.0)	8	N	
<b>Total</b>	37	99		
<b>Herb</b> Hair Grass ( <i>Deschampsia Sp.</i> )	51-75 (63)	95	Y	FACU
Raspberry ( <i>Rubus sp.</i> )	1-5 (3.0)	5	N	
<b>Total</b>	66	100		

\*Use an asterisk to mark wetland indicator plants species listed in the Wetlands Protection Act ( MGL c. 131, s. 40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological adaptations, describe the adaptation next to the asterisk.

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 2

Number of dominant non-wetland indicator plants: 3

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES  NO

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Soil Survey of Norfolk and Suffolk Counties, Massachusetts (MA616), 1985

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 245 C: Hinckley Loamy Sand

Hydric Soil Inclusions: None

Are field observations consistent with soil survey?  Yes  No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
Oe	1/2-0	10YR 3/2	
A	0-1	10YR 3/3	
Bw	1-14+	10YR 4/4	

Remarks:

2. Other:

Conclusion: Is soil hydric? Yes  No

Other Indicators of Hydrology: (check all that apply and describe)

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW:
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other:

Vegetation and Hydrology Conclusion		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Sample location is in a BVW</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Submit this form with the Request for Determination of Applicability or Notice of Intent

## DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

**Applicant:** Lincoln Property Company **Prepared by:** Pare Corporation **Project location:** 544 Thurston Street, Wrentham  
**DEP File #:** None S. Anderson, A. Dutra

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out section I only.  
 Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II.  
 Method other than dominance test used (attach additional information).

<b>Section I.</b> Observation Plot Number: 8    Transect Number: B (Wetland Station)    5'± D/G WF B-46    Date of Delineation: June 6, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Red Maple ( <i>Acer rubrum</i> )	26-50 (38.0)	48	Y	FAC*
Ash ( <i>Fraxinus sp.</i> )	16-25 (20.5)	26	Y	FAC*
White Pine ( <i>Pinus strobus</i> )	6-15 (10.5)	13	N	
Eastern Cottonwood ( <i>Populus deltoides</i> )	6-15 (10.5)	13	N	
<b>Total</b>	79.5	100		
<b>Sapling</b> Red Maple ( <i>Acer rubrum</i> )	16-25 (20.5)	66	Y	FAC*
Ash ( <i>Fraxinus sp.</i> )	6-15 (10.5)	34	Y	FAC*
<b>Total</b>	31	100		
<b>Shrub</b> Glossy Buckthorn ( <i>Frangula alnus</i> )	26-50 (38.0)	50	Y	FAC*
Oriental Bittersweet ( <i>Celastrus orbiculatus</i> )	6-15 (10.5)	14	N	
Tatarian Honeysuckle ( <i>Lonicera tatarica</i> )	6-15 (10.5)	14	N	
Poison Ivy ( <i>Toxicodendron radicans</i> )	6-15 (10.5)	14	N	
Burning Bush ( <i>Euonymus alatus</i> )	1-5 (3.0)	4	N	
Multiflora Rose ( <i>Rosa multiflora</i> )	1-5 (3.0)	4	N	
<b>Total</b>	75.5			
<b>Herb</b> Hair Grass ( <i>Deschampsia sp.</i> )	16-25 (20.5)	61	Y	FACU
Oriental Bittersweet ( <i>Celastrus orbiculatus</i> )	6-15 (10.5)	31	Y	UPL
Grape ( <i>Vitis sp.</i> )	1-5 (3.0)	8	N	
<b>Total</b>	33.5	100		

\*Use an asterisk to mark wetland indicator plants species listed in the Wetlands Protection Act ( MGL c. 131, s. 40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological adaptations, describe the adaptation next to the asterisk.

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 5

Number of dominant non-wetland indicator plants: 2

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES NO

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.



**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Soil Survey of Norfolk and Suffolk Counties, Massachusetts (MA616), 1985

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 245 C- Hinckley Loamy Sand

Hydric Soil Inclusions: None

Are field observations consistent with soil survey?  Yes  No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
A	0-1	10YR 3/3	
Bw	1-8	10YR 4/4	
R	8	N/A	

Remarks: Extremely gravelly B layer. Restrictive rock layer at 8”

2. Other:

Conclusion: Is soil hydric? Yes  No

Other Indicators of Hydrology: (check all that apply and describe)

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW: evidence of flowage nearby
- Oxidized rhizospheres:
- Water-stained leaves: water staining nearby
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other: Buttressed Roots

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wetland hydrology present: hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Sample location is in a BVW</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Submit this form with the Request for Determination of Applicability or Notice of Intent

## DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

**Applicant:** Lincoln Property Company **Prepared by:** Pare Corporation **Project location:** 544 Thurston Street, Wrentham  
**DEP File #:** None **S. Anderson, A. Dutra**

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out section I only.  
 Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II.  
 Method other than dominance test used (attach additional information).

Section I. Observation Plot Number: 5    Transect Number: B (Wetland Station)    5'± U/G WF B-64    Date of Delineation: June 6, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Eastern Cottonwood ( <i>Populus deltoides</i> )	26-50 (38)	48	Y	FACU
White Pine ( <i>Pinus strobus</i> )	6-15 (10.5)	13	N	
Ash ( <i>Fraxinus sp.</i> )	6-15 (10.5)	13	N	
Red Maple ( <i>Acer rubrum</i> )	6-15 (10.5)	13	N	
Black Oak ( <i>Quercus velutina</i> )	6-15 (10.5)	13	N	
<b>Total</b>	80	100		
<b>Sapling</b> Eastern Red Cedar ( <i>Juniperus virginiana</i> )	6-15 (10.5)	25	Y	FACU
Wild Black Cherry ( <i>Prunus serotina</i> )	6-15 (10.5)	25	Y	FACU
White Pine ( <i>Pinus strobus</i> )	6-15 (10.5)	25	Y	FACU
White Oak ( <i>Quercus alba</i> )	6-15 (10.5)	25	Y	FACU
<b>Total</b>	42	100		
<b>Shrub</b> Oriental Bittersweet ( <i>Celastrus orbiculatus</i> )	26-50 (38)	36	Y	UPL
Glossy Buckthorn ( <i>Frangula alnus</i> )	16-25 (20.5)	19	N	
Winterberry ( <i>Ilex verticillata</i> )	6-15 (10.5)	10	N	
Eastern Hophornbeam ( <i>Ostrya virginiana</i> )	6-15 (10.5)	10	N	
Mapleleaf Viburnum ( <i>Viburnum acerifolia</i> )	6-15 (10.5)	10	N	
Virginia Creeper ( <i>Parthenocissus quinquefolia</i> )	6-15 (10.5)	10	N	
Poison Ivy ( <i>Toxicodendron radicans</i> )	1-5 (3.0)	3	N	
Burning Bush ( <i>Euonymus alatus</i> )	1-5(3.0)	3	N	
<b>Total</b>	106.5	101		
<b>Herb</b> Hair Grass ( <i>Deschampsia Sp.</i> )	16-25 (20.5)	66	Y	FACU
Canada Mayflower ( <i>Maianthemum canadense</i> )	6-15 (10.5)	34	Y	FACU
<b>Total</b>	31	100		

\*Use an asterisk to mark wetland indicator plants species listed in the Wetlands Protection Act ( MGL c. 131, s. 40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological adaptations, describe the adaptation next to the asterisk.

**Vegetation Conclusion:**

Number of dominant wetland indicator plants: 0

Number of dominant non-wetland indicator plants: 8

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES  NO

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Soil Survey of Norfolk and Suffolk Counties, Massachusetts (MA616), 1985

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: Udorthents- Sandy

Hydric Soil Inclusions: Swansea

Are field observations consistent with soil survey?  Yes  No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
Oe	1-0	10YR 3/2	
A	0-2	10YR 3/2	
Bw	2-14+	10YR 3/4	

Remarks:

2. Other:

Conclusion: Is soil hydric? Yes  No

Other Indicators of Hydrology: (check all that apply and describe)

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW:
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other:

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Sample location is in a BVW</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Submit this form with the Request for Determination of Applicability or Notice of Intent

## DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

**Applicant:** Lincoln Property Company **Prepared by:** Pare Corporation **Project location:** 544 Thurston Street, Wrentham  
**DEP File #:** None **S. Anderson, A. Dutra**

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out section I only.  
 Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II.  
 Method other than dominance test used (attach additional information).

Section I. Observation Plot Number: 6    Transect Number: B (Wetland Station)    5'± D/G WF B-64    Date of Delineation: June 6, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Red Maple ( <i>Acer rubrum</i> )	51-75 (63.0)	86	Y	FAC*
Slippery Elm ( <i>Ulmus rubra</i> )	6-15 (10.5)	14	N	
<b>Total</b>	73.5	100		
<b>Sapling</b> Ash ( <i>Fraxinus sp.</i> )	6-15 (10.5)	50	Y	FAC*
Hickory ( <i>Carya sp.</i> )	6-15 (10.5)	50	Y	FACU
<b>Total</b>	21	100		
<b>Shrub</b> Glossy Buckthorn ( <i>Frangula alnus</i> )	16-25 (20.5)	35	Y	FAC*
Multiflora Rose ( <i>Rosa multiflora</i> )	6-15 (10.5)	18	N	
Oriental Bittersweet ( <i>Celastrus orbiculatus</i> )	6-15 (10.5)	18	N	
Winterberry ( <i>Ilex verticillata</i> )	6-15 (10.5)	18	N	
Tatarian Honeysuckle ( <i>Lonicera tatarica</i> )	1-5 (3.0)	5	N	
Poison Ivy ( <i>Toxicodendron radicans</i> )	1-5 (3.0)	5	N	
<b>Total</b>	58	99		
<b>Herb</b> Golden Rod ( <i>Solidago canadensis</i> )	16-25 (20.5)	66	Y	FACU
Hairgrass ( <i>Deschampsia sp.</i> )	6-15 (10.5)	34	Y	FACU
<b>Total</b>	31	100		

\*Use an asterisk to mark wetland indicator plants species listed in the Wetlands Protection Act ( MGL c. 131, s. 40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological adaptations, describe the adaptation next to the asterisk.

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 3

Number of dominant non-wetland indicator plants: 3

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES    NO

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.



**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Soil Survey of Norfolk and Suffolk Counties, Massachusetts (MA616), 1985

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 245 C- Hinckley Loamy Sand

Hydric Soil Inclusions: None

Are field observations consistent with soil survey? Yes  No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
Oe	1-0	10YR 2/2	
A	0-5	10YR 2/2	
Bw	5-12+	10YR 3/2	7.5YR 4/6

Remarks: Very rocky loamy coarse sand texture in B horizon.

2. Other:

Conclusion: Is soil hydric?  Yes  No

Other Indicators of Hydrology: (check all that apply and describe)

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW: channel
- Oxidized rhizospheres:
- Water-stained leaves: nearby within wetland
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other: Buttressed Roots

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wetland hydrology present: hydric soil present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
other indicators of hydrology present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Sample location is in a BVW</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Submit this form with the Request for Determination of Applicability or Notice of Intent

## DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

**Applicant:** Lincoln Property Company **Prepared by:** Pare Corporation **Project location:** 544 Thurston Street, Wrentham  
**DEP File #:** None S. Anderson, A. Dutra

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out section I only.  
 Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II.  
 Method other than dominance test used (attach additional information).

<b>Section I.</b> Observation Plot Number: 10    Transect Number: C (Wetland Station)    5'± U/G WF C-7    Date of Delineation: June 6, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Red Oak ( <i>Quercus rubra</i> )	16-25 (20.5)	66	Y	FACU
Red Maple ( <i>Acer rubrum</i> )	6-15 (10.5)	34	Y	FAC*
<b>Total</b>	31	100		
<b>Sapling</b> None				
<b>Total</b>				
<b>Shrub</b> Autumn Olive ( <i>Elaeagnus umnbellata</i> )	6-15 (10.5)	78	Y	NI
Witch Hazel ( <i>Hamamelis virginiana</i> )	1-5 (3.0)	22	Y	FACU
<b>Total</b>	13.5	100		
<b>Herb</b> Grass ( <i>Grass sp.</i> )	51-75 (63.0)	82	Y	FACU
Common Dandelion ( <i>Taraxacum officinale</i> )	6-15 (10.5)	14	N	
Poison Ivy ( <i>Toxicodendron radicans</i> )	1-5 (3.0)	4	N	
<b>Total</b>	76.5	100		

\*Use an asterisk to mark wetland indicator plants species listed in the Wetlands Protection Act ( MGL c. 131, s. 40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological adaptations, describe the adaptation next to the asterisk.

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 1

Number of dominant non-wetland indicator plants: 4

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES\_ NO

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Soil Survey of Norfolk and Suffolk Counties, Massachusetts (MA 616), 1985

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: Udorthents-Sandy

Hydric Soil Inclusions: Swansea

Are field observations consistent with soil survey?  Yes  No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
O	1/2-0	10YR 3/2	
A	0-6	10YR 4/2	
R	6	N/A	

Remarks: Plot located on edge of access road with maintained grass. Restrictive rock layer at 6 inches.

2. Other:

Conclusion: Is soil hydric? Yes  No

Other Indicators of Hydrology: (check all that apply and describe)

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW:
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other:

<b>Vegetation and Hydrology Conclusion</b>	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Sample location is in a BVW</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Submit this form with the Request for Determination of Applicability or Notice of Intent

## DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

**Applicant:** Lincoln Property Company **Prepared by:** Pare Corporation **Project location:** 544 Thurston Street, Wrentham  
**DEP File #:** None **S. Anderson, A. Dutra**

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out section I only.  
 Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II.  
 Method other than dominance test used (attach additional information).

<b>Section I.</b> Observation Plot Number: 9    Transect Number: C (Wetland Station)    5 <sup>±</sup> D/G WF C-7    Date of Delineation: June 6, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> None				
<b>Total</b>				
<b>Sapling</b> None				
<b>Total</b>				
<b>Shrub</b> None				
<b>Total</b>				
<b>Herb</b> Upright Sedge ( <i>Carex stricta</i> )	26-50 (38.0)	38	Y	OBL*
Common Rush ( <i>Junucus effusus</i> )	16-25 (20.5)	20	Y	OBL*
Strict Blue Eye Grass ( <i>Sisyrinchium montanum</i> )	6-15 (10.5)	10	N	
Eastern Marsh Fern ( <i>Thylypteris palustrus</i> )	6-15 (10.5)	10	N	
Purple Loosetrife ( <i>Lythrum salicaria</i> )	6-15(10.5)	10	N	
Spotted Joe-Pye Weed ( <i>Eutrochium maculatum</i> )	6-15 (10.5)	10	N	
<b>Total</b>	100.5	98		

\*Use an asterisk to mark wetland indicator plants species listed in the Wetlands Protection Act ( MGL c. 131, s. 40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological adaptations, describe the adaptation next to the asterisk.

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 2

Number of dominant non-wetland indicator plants: 0

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES    NO

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes No  
Title/Date: Soil Survey of Norfolk and Suffolk Counties, Massachusetts (MA616), 1985

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: Udorthents Sandy

Hydric Soil Inclusions: Swansea

Are field observations consistent with soil survey? Yes No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
Oa	8-0	5YR 2.5/1	
A	0-8+	10YR 2/1	

Remarks:

2. Other: Site on embankment by bog.

Conclusion: Is soil hydric? Yes No

Other Indicators of Hydrology: (check all that apply and describe)

- Site inundated:
- Depth to free water in observation hole: 6”
- Depth to soil saturation in observation hole: 0”
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW:
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other:

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
other indicators of hydrology present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Sample location is in a BVW</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Submit this form with the Request for Determination of Applicability or Notice of Intent



## DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

**Applicant:** Lincoln Property Company **Prepared by:** Pare Corporation **Project location:** 544 Thurston Street, Wrentham  
**DEP File #:** None S. Anderson, A. Dutra

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out section I only.  
 Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II.  
 Method other than dominance test used (attach additional information).

<b>Section I.</b> Observation Plot Number: 11    Transect Number: B (Wetland Station)    5'± U/G WF D-3    Date of Delineation: June 30, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Red Maple ( <i>Acer rubrum</i> )	16-25 (20.5)	40	Y	FAC*
Shagbark Hickory ( <i>Carya ovata</i> )	16-25 (20.5)	40	Y	FACU
White Pine ( <i>Pinus strobus</i> )	6-15 (10.5)	20	Y	FACU
<b>Total</b>	51.5	100		
<b>Sapling</b> Shagbark Hickory ( <i>Carya ovata</i> )	16-25 (20.5)	32	Y	FACU
White Pine ( <i>Pinus strobus</i> )	16-25 (20.5)	32	Y	FACU
Red Oak ( <i>Quercus rubra</i> )	6-15 (10.5)	16	N	
White Oak ( <i>Quercus alba</i> )	6-15 (10.5)	16	N	
Red Maple ( <i>Acer rubrum</i> )	1-5 (3.0)	5	N	
<b>Total</b>	65	101**		
<b>Shrub</b> Glossy Buckthorn ( <i>Frangula alnus</i> )	16-25 (20.5)	47	Y	FAC*
Greenbrier ( <i>Smilax rotundifolia L.) orbiculatus</i> )	16-25 (20.5)	47	Y	FAC*
Multiflora Rose ( <i>Rosa multiflora</i> )	1-5 (3.0)	7	N	
<b>Total</b>	44	101**		
<b>Herb</b> Red Oak ( <i>Quercus rubra</i> )	6-15(10.5)	100	Y	FACU
<b>Total</b>	10.5	100		

\*Use an asterisk to mark wetland indicator plants species listed in the Wetlands Protection Act ( MGL c. 131, s. 40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological adaptations, describe the adaptation next to the asterisk.

\*\*Total does not add to 100 due to rounding.

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 3

Number of dominant non-wetland indicator plants: 5

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? YES  NO

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Soil Survey of Norfolk and Suffolk Counties, Massachusetts (MA616), 1985

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 254B- Merrimac fine sandy loam

Hydric Soil Inclusions: None

Are field observations consistent with soil survey?  Yes  No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
A	0-3	10YR 3/2	
Bw	3+”	10YR 4/4	

Remarks: Rocky

2. Other:

Conclusion: Is soil hydric? Yes   No

Other Indicators of Hydrology: (check all that apply and describe)

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW:
- Oxidized rhizospheres:
- Water-stained leaves:
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other:

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Sample location is in a BVW</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Submit this form with the Request for Determination of Applicability or Notice of Intent

## DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

**Applicant:** Lincoln Property Company **Prepared by:** Pare Corporation **Project location:** 544 Thurston Street, Wrentham  
**DEP File #:** None **S. Anderson, A. Dutra**

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out section I only.  
 Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II.  
 Method other than dominance test used (attach additional information).

<b>Section I.</b> Observation Plot Number: 12    Transect Number: B (Wetland Station)    5'± D/G WF D-3    Date of Delineation: June 30, 2022				
A. Sample Layer and Plant Species (by common/ scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (Yes or No)	E. Wetland Indicator Category *
<b>Tree</b> Red Maple ( <i>Acer rubrum</i> )	51-75(63)	75	Y	FAC*
White Pine ( <i>Pinus strobus</i> )	6-15 (10.5)	13	N	
Shagbark Hickory ( <i>Carya ovata</i> )	6-15 (10.5)	13	N	
<b>Total</b>	84	101**		
<b>Sapling</b> Red Maple ( <i>Acer rubrum</i> )	6-15 (10.5)	33	Y	FAC*
White Oak ( <i>Quercus alba</i> )	6-15 (10.5)	33	Y	FACU
White Pine ( <i>Pinus strobus</i> )	6-15 (10.5)	33	Y	FACU
<b>Total</b>	31.5	100		
<b>Shrub</b> Glossy Buckthorn ( <i>Frangula alnus</i> )	26-50 (38.0)	50	Y	FAC*
Greenbrier ( <i>Smilax rotundifolia L.</i> )	26-50 (38.0)	50	Y	FAC*
<b>Total</b>	76			
<b>Herb</b> None				
<b>Total</b>				

\*Use an asterisk to mark wetland indicator plants species listed in the Wetlands Protection Act ( MGL c. 131, s. 40); plants in the genus Sphagnum; plants listed as FAC, FAC+, FACW-, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological adaptations, describe the adaptation next to the asterisk.

\*\*Total does not add to 100 due to rounding.

### Vegetation Conclusion:

Number of dominant wetland indicator plants: 4

Number of dominant non-wetland indicator plants: 2

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants?  YES    NO

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

**Section II. Indicators of Hydrology**

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site?  Yes  No  
Title/Date: Soil Survey of Norfolk and Suffolk Counties, Massachusetts (MA616), 1985

Map Number: Accessed via Web Soil Survey  
<http://websoilsurvey.nrcs.usda.gov/>

Soil type mapped: 424D- Canton Fine Sandy Loam

Hydric Soil Inclusions: None

Are field observations consistent with soil survey?  Yes  No

Remarks:

Soil Description

Horizon	Depth (in)	Matrix Color	Mottles Color
Oe	1/2-0"	10YR 2/2	
A	0-8"	10YR 2/1	
R	8"	N/A	

Remarks: Very rocky. Restrictive rock layer at 8 inches.

2. Other:

Conclusion: Is soil hydric?  Yes  No

Other Indicators of Hydrology: (check all that apply and describe)

- Site inundated:
- Depth to free water in observation hole:
- Depth to soil saturation in observation hole:
- Water Marks:
- Drift lines:
- Sediment deposits:
- Drainage patterns in BVW: swale
- Oxidized rhizospheres:
- Water-stained leaves: within wetland
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other:

<b>Vegetation and Hydrology Conclusion</b>		
	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wetland hydrology present:		
hydric soil present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
other indicators of hydrology present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Sample location is in a BVW</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Submit this form with the Request for Determination of Applicability or Notice of Intent



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**SECTION 5**

Wetland Location Plan  
(Bound Separately)

