



**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  
 \_\_\_\_\_  
 Franklin  
 City/Town

**A. General Information**

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

47 Partridge Street	Franklin	02038
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:	42.12532	-71.40751
	d. Latitude	e. Longitude
220	13, 14 and 15	
f. Assessors Map/Plat Number	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:

_____	_____	
a. First Name	b. Last Name	
Donovan Family Realty Trust		
c. Organization		
47 Partridge Street		
d. Mailing Address		
Franklin	MA	02038
e. City/Town	f. State	g. Zip Code
_____	_____	_____
h. Phone Number	i. Fax Number	j. Email Address

3. Property owner (if different from applicant):

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

_____	_____	
a. First Name	b. Last Name	
Donovan Family Realty Trust		
c. Organization		
47 Partridge Street		
d. Mailing Address		
Franklin	MA	02038
e. City/Town	f. State	g. Zip Code
_____	_____	_____
h. Phone Number	i. Fax Number	j. Email Address

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

4. Representative (if any):

Richard	Goodreau	
a. Contact Person First Name	b. Contact Person Last Name	
United Consultants, Inc.		
c. Organization		
850 Franklin Street, Suite 11D		
d. Mailing Address		
Wrentham	MA	02093
e. City/Town	f. State	g. Zip Code
1-508-384-6560	rick@uci850.com	
h. Phone Number	i. Fax Number	j. Email Address

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

2,000	987.50	1,012.50
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid

Fees will be calculated for online users.

## **Wetland Border Report**

Site Locus: 47 Partridge Street, Franklin

Prepared for: Rick Goodreau, UCI

Prepared by: Goddard Consulting LLC, 291 Main St, Suite 8, Northborough MA 01532

Date: 9/11/2024; Revised 12/27/2024

### **INTRODUCTION**

On September 11, 2024, the wetland resources were delineated on a portion of land located at 47 Partridge Street in Franklin, MA (refer to enclosed locus maps). The wetland border was flagged using the criteria in the most recent edition of MA Wetland Protection Act (WPA) and Regulations 310 CMR 10.00 et al and local wetland bylaws.

Hydric soil indicators, vegetation changes, hydrological indicators, and topography were all considered for delineation purposes.

The titles of the attached documents are as follows:

- DEP Bordering Vegetated Wetland Determination Form
- USGS of Locus Site, Goddard Consulting LLC, 9/4/2024
- Orthophoto of Locus Site, Goddard Consulting LLC, 9/4/2024
- Orthophoto with FEMA Flood Zones, Goddard Consulting LLC, 9/4/2024
- Orthophoto with NRCS Soil Survey, Goddard Consulting LLC, 9/4/2024

### **SUMMARY OF FINDINGS**

One Bordering Vegetated Wetland was delineated in the field with series GCA1 - GCA80. The sampling point for the wetland determination took place near flag GCA46. Vegetation upgradient of the BVW is dominated by black cherry, black oak, shagbark hickory, nannyberry, arrowwood, and poison ivy. Vegetation downgradient of the BVW is dominated by red maple, American elm, winterberry, sensitive fern, and poison ivy.

Soils identified on the property include fine sandy loams. In the uplands soil sample, fine sandy loam (FSL) with a matrix color of 10YR3/3 was found from 0-5", and FSL (10YR5/6) was found from 5-24". In the wetland soil sample, FSL with a matrix color of 10YR2/2 was found from 1-10", and FSL with a matrix color of 2.5Y5/2 from 10-24" with 20% concentrations of 10YR6/8 in the matrix. More detailed information about soils is included in the attached NRCS Soil Map and the DEP Bordering Vegetated Wetland Determination Forms.

According to the MassGIS data layers for the Natural Heritage & Endangered Species Program (NHESP), the locus site is not located within Estimated and/or Priority Habitat of Rare Wildlife nor an Area of Critical Environmental Concern (ACEC). A mapped perennial stream is located at the west of the site, which casts a 200-foot Riverfront Area. This stream was not field delineated as the surrounding BVW is substantially flooded. A FEMA Flood Zone AE (1% Annual Chance Flood Hazard) is also present on site, constituting the resource area Bordering Land Subject to Flooding (BLSF). No certified or potential vernal pools are present on or near the site.

The WPA and local wetlands bylaw take jurisdiction over BVWs and their corresponding 100-foot buffer zone, as well as the 200-foot Riverfront Area and BLSF. Any work within the BVW, 100-foot buffer zones, 200-foot Riverfront Area or BLSF requires a Request for Determination (RDA) or Notice of Intent (NOI) to be filed with the Franklin Conservation Commission.

**DESCRIPTION OF REGULATED INLAND RESOURCE AREA**

The table below provides the regulatory jurisdiction, flag numbers/colors, and wetland types and locations for the resource areas delineated.

Resource Area	Regulatory Jurisdiction	Flag Numbers and Color	Wetland Types and Locations
Bordering Vegetated Wetland	BVW & 100-ft Buffer Zone (WPA)  25-foot No Disturb zone, 50-foot No Build Zone & 100-ft Buffer Zone (bylaw)	GC A1-80 (Blue flags)	Wet meadow & forested margin
Perennial Stream	Land Under Waterbodies and Water Ways & 200-ft Riverfront Area (WPA & bylaw)	Not delineated in field.	Perennial stream located at the west of the locus site. Stream channel internal to flooded wetland.
Bordering Land Subject to Flooding	BLSF (WPA)	Not delineated in field.	BLSF is equal to extent of FEMA Flood Zone AE, to be determined based on topographic survey data.

**SITE PHOTOS**



Figure 1. A photo showing upland near the wetland boundary.



*Figure 2.* A photo taken of upland soil sample near GCA46.



*Figure 3.* A photo showing a portion of the wetland resource area near GCA46.



*Figure 4.* A photo taken of wetland soil sample near GCA46.

Sincerely,  
Goddard Consulting, LLC



Chris Frattaroli  
Wetland Scientist

**BORDERING VEGETATED WETLAND DETERMINATION FORM**

Project/Site: 47 Partridge Street City/Town: Franklin Sampling Date: 9/11/2024  
 Applicant/Owner: Rick Goodreau, UCI Sampling Point or Zone: GCA46  
 Investigator(s): Chris Frattaroli Latitude/Longitude: 71.406909°W, 42.1250339°N  
 Soil Map Unit Name: Saco silt loam NWI or DEP Classification: Shrub Swamp

**UPGRADIENT**

Are climatic/hydrologic conditions on the site typical for this time of year? Yes X No        (If no, explain in Remarks)  
 Are Vegetation       , Soil       , or Hydrology        significantly disturbed? (If yes, explain in Remarks)  
 Are Vegetation       , Soil       , or Hydrology        naturally problematic? (If yes, explain in Remarks)

**SUMMARY OF FINDINGS – Attach site map and photograph log showing sampling locations, transects, etc**

Wetland vegetation criterion met?	Yes <u>      </u>	No <u>X</u>	Is the Sampled Area within a Wetland?	Yes <u>      </u>	No <u>X</u>
Hydric Soils criterion met?	Yes <u>      </u>	No <u>X</u>			
Wetlands hydrology present?	Yes <u>      </u>	No <u>X</u>			
Remarks, Photo Details, Flagging, etc.:					

**HYDROLOGY**

<b>Field Observations:</b>				
Surface Water Present?	Yes	No <u>X</u>	Depth (in)	
Water Table Present?	Yes	No <u>X</u>	Depth (in)	
Saturation Present (including capillary fringe)?	Yes	No <u>X</u>	Depth (in)	
<b>Wetland Hydrology Indicators</b>				
Reliable Indicators of Wetlands Hydrology	Indicators that can be Reliable with Proper Interpretation	Indicators of the Influence of Water		
<input type="checkbox"/> Water-stained leaves	<input type="checkbox"/> Hydrological records	<input type="checkbox"/> Direct observation of inundation		
<input type="checkbox"/> Evidence of aquatic fauna	<input type="checkbox"/> Free water in a soil test hole	<input type="checkbox"/> Drainage patterns		
<input type="checkbox"/> Iron deposits	<input type="checkbox"/> Saturated soil	<input type="checkbox"/> Drift lines		
<input type="checkbox"/> Algal mats or crusts	<input type="checkbox"/> Water marks	<input type="checkbox"/> Scoured areas		
<input type="checkbox"/> Oxidized rhizospheres/pore linings	<input type="checkbox"/> Moss trim lines	<input type="checkbox"/> Sediment deposits		
<input type="checkbox"/> Thin muck surfaces	<input type="checkbox"/> Presence of reduced iron	<input type="checkbox"/> Surface soil cracks		
<input type="checkbox"/> Plants with air-filled tissue (aerenchyma)	<input type="checkbox"/> Woody plants with adventitious roots	<input type="checkbox"/> Sparsely vegetated concave surface		
<input type="checkbox"/> Plants with polymorphic leaves	<input type="checkbox"/> Trees with shallow root systems	<input type="checkbox"/> Microtopographic relief		
<input type="checkbox"/> Plants with floating leaves	<input type="checkbox"/> Woody plants with enlarged lenticels	<input type="checkbox"/> Geographic position (depression, toe of slope, fringing lowland)		
<input type="checkbox"/> Hydrogen sulfide odor				
Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available):				

This form is only for BVW delineations. Other wetland resource areas may be present and should be delineated according to the applicable regulatory provisions.

VEGETATION – Use both common and scientific names of plants.

**Tree Stratum** Plot size 30'

	Common Name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	% Dominant
1	Black Cherry	Prunus serotina	FACU	20.5%	X		33.3%
2	Black Oak	Quercus velutina	UPL	20.5%	X		33.3%
3	Shagbark Hickory	Carya ovata	FACU	20.5%	X		33.3%
4							
5							
6							
7							
8							
9							

61.5% =Total Cover

**Shrub/Sapling Stratum** Plot size 15'

	Common Name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	% Dominant
1	Nanny-Berry	Viburnum lentago	FAC	20.5%	X	X	37.3%
2	Arrowwood	Viburnum recognitum	FAC	10.5%	X	X	19.1%
3	American Hazelnut	Corylus americana	FACU	10.5%			19.1%
4	Common Buckthorn	Rhamnus cathartica	FAC	10.5%		X	19.1%
5	Black Cherry	Prunus serotina	FACU	3.0%			5.5%
6							
7							
8							
9							

55.0% =Total Cover

**Herb Stratum** Plot size 5'

	Common Name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	% Dominant
1	Sensitive Fern	Onoclea sensibilis	FACW	3.0%	X	X	33.3%
2	False Solomon's Seal	Smilacina racemosa	FACU	3.0%	X		33.3%
3	Eastern Poison Ivy	Toxicodendron radicans	FAC	3.0%	X	X	33.3%
4							
5							
6							
7							
8							
9							
10							
11							
12							

9.0% =Total Cover

VEGETATION – continued.

Woody Vine Stratum		Plot size 30'					
	Common Name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)	% Dominant
1	American Bittersweet	Celastrus scandens	FACU	38.0%	X		65.0%
2	Eastern Poison Ivy	Toxicodendron radicans	FAC	20.5%	X	X	35.0%
3							
4							
				58.5%	=Total Cover		

Rapid Test:		Do all dominant species have an indicator status of OBL or FACW?		Yes	No	X
Dominance Test:	Number of dominant species	Number of dominant species that are wetland indicator plants		Do wetland indicator plants make up ≥ 50% of dominant plant species?		
	10	5		Yes	X	No
Prevalence Index:		Total % Cover (all strata)	Multiply by:	Result		
	OBL species	0%	x1	=	0%	
	FACW species	3%	x2	=	6%	
	FAC species	65%	x3	=	195%	
	FACU species	96%	x4	=	382%	
	UPL species	21%	x5	=	103%	
Column Totals (A)		184%		(B)	686%	
Prevalence Index		B/A=	3.73	Is the Prevalence Index ≤ 3.0?		
Wetland vegetation criterion met?		Yes	No	X	Yes	No X

Definitions of Vegetation Strata

- Tree: Woody plants 3 in. (7.62 cm) or more in diameter at breast height (DBH), regardless of height
- Shrub/Sapling: Woody plants less than 3 in. (7.62 cm) DBH and greater than or equal to 3.3 ft. (1 m) tall
- Herb: All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.3 ft. (1 m) tall
- Woody vines: All woody vines greater than 3.3 ft. (1 m) in height

Cover Ranges	
Range	Midpoint
1-5 %	3.00%
6-15 %	10.50%
15-25 %	20.50%
26-50 %	38.00%
51-75 %	63.00%
76-95 %	85.50%
96-100 %	98.00%

SOIL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators)							
Depth (inches)	Matrix		Redox Features			Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>		
0-5"	10YR3/3	1				FSL	
5-24"	10YR5/6	1				FSL	

<sup>1</sup>Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains <sup>2</sup>Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators (Check all that apply)		Indicators for Problematic Hydric Soils	
<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)	<input type="checkbox"/> 2 cm Muck (A10)	
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Polyvalue Below Surface (S8)	<input type="checkbox"/> Dark Surface (S7)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Thin Dark Surface (S9)	<input type="checkbox"/> Polyvalue Below Surface (S8)	
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Loamy Mucky Mineral (F1)	<input type="checkbox"/> Thin Dark Surface (S9)	
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Iron-Manganese Masses (F12)	
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Depleted Matrix (F3)	<input type="checkbox"/> Mesic Spodic (A17)	
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Redox Dark Surface (F7)	<input type="checkbox"/> Red Parent Material (F21)	
<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Depleted Dark Surface (F8)	<input type="checkbox"/> Very Shallow Dark Surface (TF12)	
<input type="checkbox"/> Dark Surface (S7)		<input type="checkbox"/> Other (Include Explanation in Remarks)	

**Restrictive Layer (if observed)** Type: \_\_\_\_\_ Depth (inches): \_\_\_\_\_

Remarks

Hydric Soils criterion met?      Yes      No      X

**DOWNGRADIENT**

Are climatic/hydrologic conditions on the site typical for this time of year?      Yes   X        No        (If no, explain in Remarks)  
 Are Vegetation       , Soil       , or Hydrology        significantly disturbed? (If yes, explain in Remarks)  
 Are Vegetation       , Soil       , or Hydrology        naturally problematic? (If yes, explain in Remarks)

**SUMMARY OF FINDINGS – Attach site map and photograph log showing sampling locations, transects, etc**

Wetland vegetation criterion met?	Yes <u>  X  </u>	No <u>      </u>	Is the Sampled Area within a Wetland?	Yes <u>  X  </u>	No <u>      </u>
Hydric Soils criterion met?	Yes <u>  X  </u>	No <u>      </u>			
Wetlands hydrology present?	Yes <u>  X  </u>	No <u>      </u>			
Remarks, Photo Details, Flagging, etc.:					

**HYDROLOGY**

<b>Field Observations:</b>				
Surface Water Present?	Yes	No	X	Depth (in)
Water Table Present?	Yes	No	X	Depth (in)
Saturation Present (including capillary fringe)?	Yes	No	X	Depth (in)
<b>Wetland Hydrology Indicators</b>				
<b>Reliable Indicators of Wetlands</b>	<b>Indicators that can be Reliable with</b>	<b>Indicators of the Influence of Water</b>		
<input checked="" type="checkbox"/> Water-stained leaves	<input type="checkbox"/> Hydrological records	<input type="checkbox"/> Direct observation of inundation		
<input type="checkbox"/> Evidence of aquatic fauna	<input type="checkbox"/> Free water in a soil test hole	<input checked="" type="checkbox"/> Drainage patterns		
<input type="checkbox"/> Iron deposits	<input type="checkbox"/> Saturated soil	<input type="checkbox"/> Drift lines		
<input type="checkbox"/> Algal mats or crusts	<input type="checkbox"/> Water marks	<input type="checkbox"/> Scoured areas		
<input type="checkbox"/> Oxidized rhizospheres/pore linings	<input type="checkbox"/> Moss trim lines	<input type="checkbox"/> Sediment deposits		
<input type="checkbox"/> Thin muck surfaces	<input type="checkbox"/> Presence of reduced iron	<input type="checkbox"/> Surface soil cracks		
<input type="checkbox"/> Plants with air-filled tissue (aerenchyma)	<input type="checkbox"/> Woody plants with adventitious roots	<input type="checkbox"/> Sparsely vegetated concave surface		
<input type="checkbox"/> Plants with polymorphic leaves	<input type="checkbox"/> Trees with shallow root systems	<input type="checkbox"/> Microtopographic relief		
<input type="checkbox"/> Plants with floating leaves	<input type="checkbox"/> Woody plants with enlarged lenticels	<input type="checkbox"/> Geographic position (depression, toe of slope, fringing lowland)		
<input type="checkbox"/> Hydrogen sulfide odor				
Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available):				

This form is only for BVW delineations. Other wetland resource areas may be present and should be delineated according to the applicable regulatory provisions.

**VEGETATION** – Use both common and scientific names of plants.

**Tree Stratum** Plot size 30'

	Common Name	Scientific name	Indicator	Absolute %	Dominant?	Wetland Indicator?	% Dominant
1	Red Maple	Acer rubrum	FAC	38.0%	X	X	73.8%
2	American Elm	Ulmus americana	FACW	10.5%	X	X	20.4%
3	White Ash	Fraxinus americana	FACU	3.0%			5.8%
4							
5							
6							
7							
8							
9							

51.5% =Total Cover

**Shrub/Sapling Stratum** Plot size 15'

	Common Name	Scientific name	Indicator	Absolute %	Dominant?	Wetland Indicator?	% Dominant
1	Winterberry	Ilex verticillata	FACW	63.0%	X	X	85.7%
2	Arrowwood	Viburnum recognitum	FAC	10.5%		X	14.3%
3							
4							
5							
6							
7							
8							
9							

73.5% =Total Cover

**Herb Stratum** Plot size 5'

	Common Name	Scientific name	Indicator	Absolute %	Dominant?	Wetland Indicator?	% Dominant
1	Sensitive Fern	Onoclea sensibilis	FACW	20.5%	X	X	69.5%
2	Tall Meadow Rue	Thalictrum pubescens	FACW	3.0%		X	10.2%
3	Eastern Poison Ivy	Toxicodendron radicans	FAC	3.0%		X	10.2%
4	Sedge	Carex sp.	FACW	3.0%		X	10.2%
5							
6							
7							
8							
9							
10							
11							
12							

29.5% =Total Cover

VEGETATION – continued.

<b>Woody Vine Stratum</b>		Plot size <u>30'</u>					
	Common Name	Scientific name	Indicator	Absolute %	Dominant?	Wetland Indicator?	% Dominant
1	Eastern Poison Ivy	Toxicodendron radicans	FAC	10.5%	X	X	100.0%
2							
3							
4							
				10.5%	=Total Cover		

<b>Rapid Test:</b>		Do all dominant species have an indicator status of OBL or FACW?		Yes	X	No	
<b>Dominance Test:</b>	Number of dominant species	Number of dominant species that are		Do wetland indicator plants make			
	5	5		Yes	X	No	
<b>Prevalence Index:</b>		Total % Cover	Multiply by:	Result			
	OBL species	0%	x1	=	0%		
	FACW species	100%	x2	=	200%		
	FAC species	62%	x3	=	186%		
	FACU species	3%	x4	=	12%		
	UPL species	0%	x5	=	0%		
	Column Totals (A)	165%		(B)	398%		
	Prevalence Index	B/A=	2.41	Is the Prevalence Index ≤ 3.0?			
				Yes	X	No	
<b>Wetland vegetation criterion met?</b>		Yes	X	No			

**Definitions of Vegetation Strata**

- Tree                      Woody plants 3 in. (7.62 cm) or more in diameter at breast height (DBH), regardless of height
- Shrub/Sapling        Woody plants less than 3 in. (7.62 cm) DBH and greater than or equal to 3.3 ft. (1 m) tall
- Herb                     All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.3 ft. (1 m) tall
- Woody vines            All woody vines greater than 3.3 ft. (1 m) in height

<b>Cover Ranges</b>	
Range	Midpoint
1-5 %	3.00%
6-15 %	10.50%
15-25 %	20.50%
26-50 %	38.00%
51-75 %	63.00%
76-95 %	85.50%
96-100 %	98.00%

SOIL

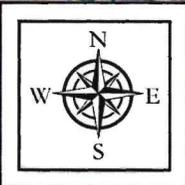
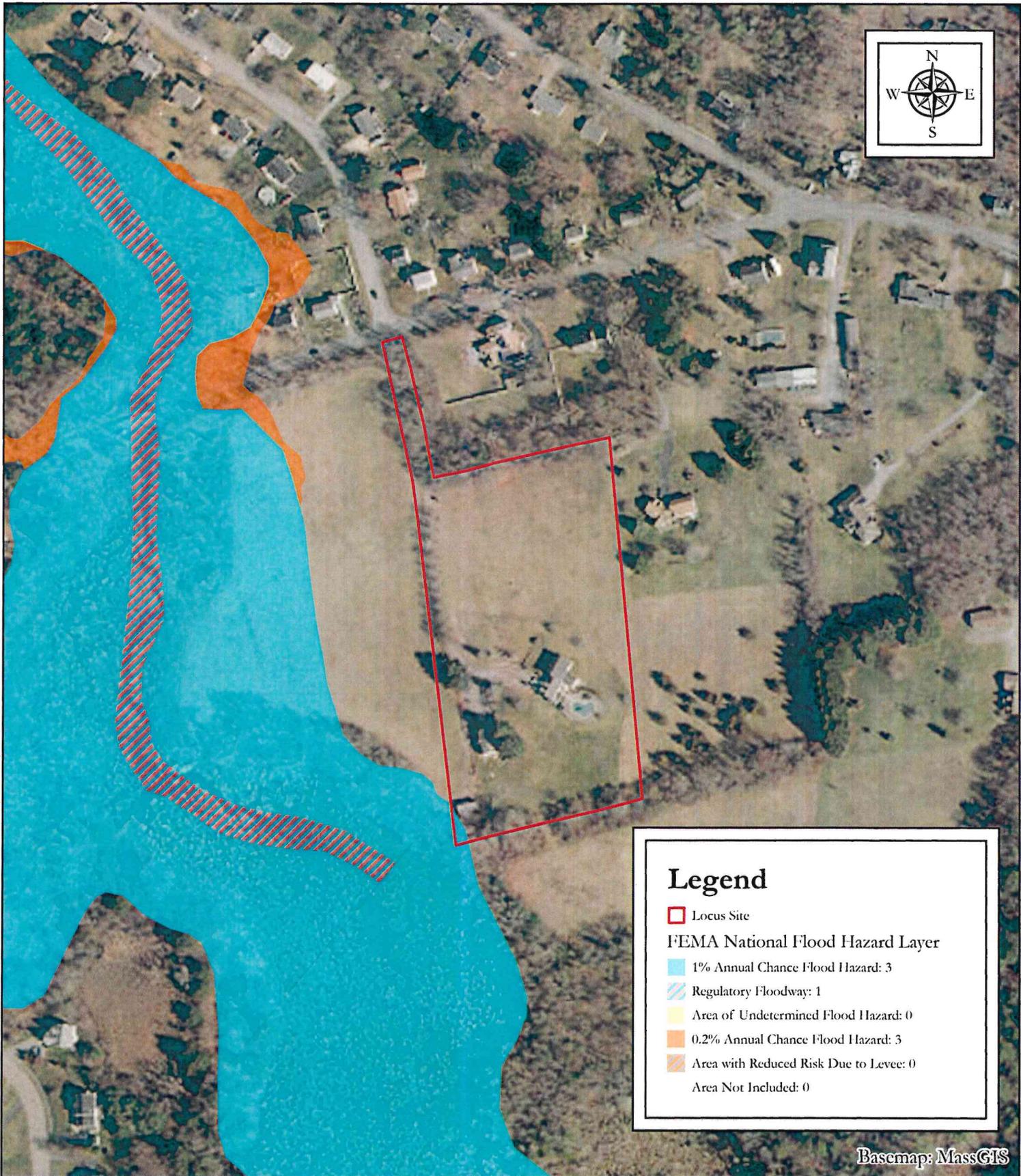
Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators)							
Depth (inches)	Matrix		Redox Features			Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>		
1-10"	10YR2/2	100				FSL	
10-24"	2Y5/2	80	10YR6/8	20	C=Concentration	M=Matrix	FSL

<sup>1</sup>Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains <sup>2</sup>Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators (Check all that apply)		Indicators for Problematic Hydric Soils	
<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)	<input type="checkbox"/> 2 cm Muck (A10)	
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Polyvalue Below Surface (S8)	<input type="checkbox"/> Dark Surface (S7)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Thin Dark Surface (S9)	<input type="checkbox"/> Polyvalue Below Surface (S8)	
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Loamy Mucky Mineral (F1)	<input type="checkbox"/> Thin Dark Surface (S9)	
<input checked="" type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Iron-Manganese Masses (F12)	
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Depleted Matrix (F3)	<input type="checkbox"/> Mesic Spodic (A17)	
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Redox Dark Surface (F7)	<input type="checkbox"/> Red Parent Material (F21)	
<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Depleted Dark Surface (F8)	<input type="checkbox"/> Very Shallow Dark Surface (TF12)	
<input type="checkbox"/> Dark Surface (S7)		<input type="checkbox"/> Other (Include Explanation in Remarks)	
<b>Restrictive Layer (if observed)</b>	Type:	Depth (inches):	
Remarks			
<b>Hydric Soils criterion met?</b>	Yes	X	No







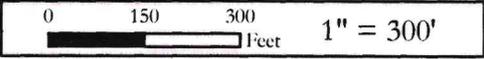
**Legend**

- Locus Site
- FEMA National Flood Hazard Layer
- 1% Annual Chance Flood Hazard: 3
- Regulatory Floodway: 1
- Area of Undetermined Flood Hazard: 0
- 0.2% Annual Chance Flood Hazard: 3
- Area with Reduced Risk Due to Levee: 0
- Area Not Included: 0

Basemap: MassGIS



**FEMA Flood Map  
of Locus Site**



71.406909°W, 42.1250339°N

Date: 09/04/2024

47 Partridge Street  
Franklin, MA

Parcel ID: 220-013

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