



April 4, 2023

Town of Franklin  
Conservation Commission  
355 East Central Street  
Franklin, Massachusetts 02038

Re: Abbreviated Notice of Resource Area Delineation – Response Letter #2  
121 Grove Street  
Map 295, Lot 1 & Map 294, Lot 7  
Franklin, Massachusetts 02038  
MassDEP File #159-1261

Members of the Franklin Conservation Commission:

On behalf of Fairfield Residential, Lucas Environmental, LLC (LE) is pleased to submit this letter in response to the site walk conducted on March 31, 2023. The site walk was attended by members of the Conservation Commission, the Conservation Agent Breeka Li Goodlander, the peer review consultant Jonathan Niro from BETA, John Shipe for Fairfield Residential, and Christopher Lucas with LE. This response is submitted as a supplement to the Abbreviated Notice of Resource Area Delineation (ANRAD) for the subject property located at 121 Grove Street (Map 295, Lot 1 & Map 294, Lot 7) in Franklin, Massachusetts (MassDEP File #159-1261).

Two specific areas of the site were discussed and evaluated:

1. LE and BETA have detailed their professional disagreement in the area between flags WFA-30 & 31 and WFC-5 & 6. LE respectfully disagrees with BETA's assessment and summary of said area based upon the information presented in our Response Letter #1, dated January 31, 2023, and as detailed during the site walk on March 31<sup>st</sup>. LE stands by the position that the maintained agricultural field between Wetland A and C is upland and non-jurisdictional.
2. LE and BETA had also previously disagreed about a wetland in the vicinity of TP-16. Based upon discussions and site observations, LE and BETA agreed to delineate a small Isolated Vegetated Wetland (IVW) in the vicinity of TP-16. Following the site walk with the Conservation Commission, the wetland was delineated with pink survey tape numbered sequentially from WFD-1 to WFD-9. LE and BETA are in agreement of the delineated flags. The attached Existing Conditions Site Plan prepared by Guerriere & Halnon, Inc., dated May 20, 2022, and revised through April 3, 2023, was updated to include Wetland D.

Wetland D is very small, approximate 2,036 square foot, IVW, vegetated with a red maple (*Acer rubrum*) overstory. Vegetation within the wetland also includes white pine (*Pinus strobus*), sweet pepperbush (*Clethra alnifolia*), highbush blueberry (*Vaccinium corymbosum*), American beech (*Fagus grandifolia*), and princess pine (*Lycopodium obscurum*).



500A Washington Street, Quincy, MA 02169

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LE provided a general description of the upland vegetation and soils surrounding this area in LE's Response Letter #1. It was agreed during the site walk that the previous summary is sufficient. Data plots were requested for Wetland D, which are enclosed with this letter.

Enclosed please find one (1) original and one (1) copy of the ANRAD supplemental response and full-size plan, and six (6) copies of the reduced 11x17 plans. A link to an electronic copy of the pdf file of this response will be provided concurrently with this submittal via email.

On behalf of Fairfield, LE would like to thank the Conservation Commission for the time and energy they have contributed toward this submittal. The project team believes that the site visit was very worthwhile. The project team appreciates the technical input and professional opinions provided by both BETA and the Conservation Commission's Agent, Breeka Li Goodlander.

If you have any questions, please do not hesitate to contact me at 617.405.4140 or [cml@lucasenviro.com](mailto:cml@lucasenviro.com). Thank you for your consideration in this matter.

Sincerely,  
**LUCAS ENVIRONMENTAL, LLC**

A handwritten signature in blue ink that reads 'Christopher M. Lucas'.

Christopher M. Lucas, PWS, CWS, RPSS  
Environmental Consultant/Wetland & Soil Scientist

Enclosures:

1. Vegetated Wetland Determination Forms
2. Existing Conditions Site Plan, prepared by Guerriere & Halnon, Inc.

cc: Bryn Smith – Owner (electronic copy)  
Fairfield Residential Company LLC – Applicant (electronic copy)  
R.J. O'Connell & Associates, Inc. (electronic copy)  
MassDEP – CERO (electronic and hard copy)

# **VEGETATED WETLAND DETERMINATION FORM**

Project/Site: 121 Grove Street City/Town: Franklin Sampling Date: 03/31/23  
 Applicant/Owner: Fairfield Residential Sampling Point or Zone: WFD-8 WET  
 Investigator(s): Lucas Environmental, LLC - Christopher M. Lucas Latitude / Longitude: 42° 4' 36.5" N / 71° 25' 21.55" W  
 Soil Map Unit Name: Charlton-Urban land-Hollis complex, 3-8% slopes (103B) NWI or DEP Classification: N/A

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☒ 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 <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland?
Hydic Soils criterion met?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Wetlands hydrology present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

Remarks, Photo Details, Flagging, etc.:  
 Water seeps out of the upgradient hillside, over a rocky soil, creating a limited perched water table sufficient to develop anaerobic conditions within the delineated area.

## **HYDROLOGY**

Field Observations:		
Surface Water Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches) <u>0.25</u>
Water Table Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches) <u>16.00</u>
Saturation Present (including capillary fringe)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches) <u>8.00</u>
Wetland Hydrology Indicators		
Reliable Indicators of Wetlands Hydrology	Indicators that can be Reliable with Proper Interpretation	Indicators of the Influence of Water
<input checked="" type="checkbox"/> Water-stained leaves <input type="checkbox"/> Evidence of aquatic fauna <input type="checkbox"/> Iron deposits <input type="checkbox"/> Algal mats or crusts <input type="checkbox"/> Oxidized rhizospheres/pore linings <input type="checkbox"/> Thin muck surfaces <input type="checkbox"/> Plants with air-filled tissue (aerenchyma) <input type="checkbox"/> Plants with polymorphic leaves <input type="checkbox"/> Plants with floating leaves <input type="checkbox"/> Hydrogen sulfide odor	<input type="checkbox"/> Hydrological records <input type="checkbox"/> Free water in a soil test hole <input checked="" type="checkbox"/> Saturated soil <input type="checkbox"/> Water marks <input type="checkbox"/> Moss trim lines  <input type="checkbox"/> Presence of reduced iron <input type="checkbox"/> Woody plants with adventitious roots <input checked="" type="checkbox"/> Trees with shallow root systems <input type="checkbox"/> Woody plants with enlarged lenticels	<input type="checkbox"/> Direct observation of inundation <input type="checkbox"/> Drainage patterns <input type="checkbox"/> Drift lines <input type="checkbox"/> Scoured areas <input type="checkbox"/> Sediment deposits  <input type="checkbox"/> Surface soil cracks <input type="checkbox"/> Sparsely vegetated concave surface <input type="checkbox"/> Microtopographic relief <input checked="" type="checkbox"/> Geographic position (depression, toe of slope, fringing lowland)
Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available): Trees may have shallow roots due to rocky nature of the area, which has likely created a shallow perched water table in this approximately 2,000 square foot area.		

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.

<u>Tree Stratum</u>		Plot size <u>30</u>		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name						
1. Red maple	Acer rubrum	FAC	63.0	Yes	Yes		
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
			<u>63.0</u> = Total Cover				
<u>Shrub/Sapling Stratum</u>		Plot size <u>15</u>		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name						
1. Highbush blueberry	Vaccinium corymbosum	FACW	20.5	Yes	Yes		
2. White pine	Pinus strobus	FACU	10.5	Yes	No		
3. Red oak	Quercus rubra	FACU	10.5	Yes	No		
4.							
5.							
6.							
7.							
8.							
9.							
			<u>41.5</u> = Total Cover				
<u>Herb Stratum</u>		Plot size <u>5</u>		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name						
1. N/A All <1%							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
			<u>0.0</u> = Total Cover				

**VEGETATION** – continued.

<u>Woody Vine Stratum</u>		Plot size <u>30</u>		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name						
1. N/A							
2.							
3.							
4.							
				0.0 = Total Cover			

<b>Rapid Test:</b> Do all dominant species have an indicator status of OBL or FACW?				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<b>Dominance Test:</b>	Number of dominant species	Number of dominant species that are wetland indicator plants		Do wetland indicator plants make up $\geq 50\%$ of dominant plant species?
	4	2		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<b>Prevalence Index:</b>		Total % Cover (all strata)	Multiply by:	Result
	OBL species		X 1	= 0.00
	FACW species		X 2	= 0.00
	FAC species		X 3	= 0.00
	FACU species		X 4	= 0.00
	UPL species		X 5	= 0.00
	Column Totals	(A) 0		(B) 0
Prevalence Index		B/A = 0.00		Is the Prevalence Index $\leq 3.0$ ? Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Wetland vegetation criterion met?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				

**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 %	3.0 %
6-15 %	10.5 %
15-25 %	20.5 %
26-50 %	38.0 %
51-75 %	63.0 %
76-95 %	85.5 %
96-100 %	98.0 %

## 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>	Location <sup>2</sup>		
5.00	10YR 2/1	100.0%		0.0%			Sapric	Organic
20.00	10YR 4/2	95.0%	10YR 5/1	5.0%	D	M	Sandy loam	
		0.0%	10YR 4/6	0.0%	D	M	Sandy loam	
24.00	10YR 4/3	65.0%	10YR 4/6	35.0%	RM	M	Sandy loam	
		0.0%	10YR 4/2	0.0%				
		0.0%		0.0%				
		0.0%		0.0%				
		0.0%		0.0%				
		0.0%		0.0%				
		0.0%		0.0%				
		0.0%		0.0%				

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

**Restrictive Layer (if observed)**    Type: Rock    Depth (inches): 24.00

Remarks: The area is very rocky, holding water at the surface within the limit of the delineated area.

Hydric Soils criterion met?    Yes ☒    No ☐



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 Investigator(s): Lucas Environmental, LLC - Christopher M. Lucas Latitude / Longitude: 42° 4' 36.5" N / 71° 25' 21.55" W  
 Soil Map Unit Name: Charlton-Urban land-Hollis complex, 3-8% slopes (103B) NWI or DEP Classification: N/A

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☒ 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 <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soils criterion met?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Wetlands hydrology present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks, Photo Details, Flagging, etc.: Water seeps out of the upgradient hillside, over a rocky soil, creating a limited perched water table sufficient to develop anaerobic conditions within the delineated area.		

## HYDROLOGY

<b>Field Observations:</b>		
Surface Water Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches) _____
Water Table Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches) _____
Saturation Present (including capillary fringe)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches) <u>22.00</u>
<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"/> Evidence of aquatic fauna <input type="checkbox"/> Iron deposits <input type="checkbox"/> Algal mats or crusts <input type="checkbox"/> Oxidized rhizospheres/pore linings <input type="checkbox"/> Thin muck surfaces <input type="checkbox"/> Plants with air-filled tissue (aerenchyma) <input type="checkbox"/> Plants with polymorphic leaves <input type="checkbox"/> Plants with floating leaves <input type="checkbox"/> Hydrogen sulfide odor	<input type="checkbox"/> Hydrological records <input type="checkbox"/> Free water in a soil test hole <input type="checkbox"/> Saturated soil <input type="checkbox"/> Water marks <input type="checkbox"/> Moss trim lines <input type="checkbox"/> Presence of reduced iron <input type="checkbox"/> Woody plants with adventitious roots <input type="checkbox"/> Trees with shallow root systems <input type="checkbox"/> Woody plants with enlarged lenticels	<input type="checkbox"/> Direct observation of inundation <input type="checkbox"/> Drainage patterns <input type="checkbox"/> Drift lines <input type="checkbox"/> Scoured areas <input type="checkbox"/> Sediment deposits <input type="checkbox"/> Surface soil cracks <input type="checkbox"/> Sparsely vegetated concave surface <input type="checkbox"/> Microtopographic relief <input type="checkbox"/> Geographic position (depression, toe of slope, fringing lowland)
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.

<u>Tree Stratum</u>		Plot size <u>30</u>		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name						
1. Red maple	Acer rubrum	FAC	63.0	Yes	Yes		
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
			<u>63.0</u> = Total Cover				
<u>Shrub/Sapling Stratum</u>		Plot size <u>15</u>		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name						
1. Highbush blueberry	Vaccinium corymbosum	FACW	3.0	No	Yes		
2. White pine	Pinus strobus	FACU	10.5	Yes	No		
3. American beech	Fagus grandifolia	FACU	10.5	Yes	No		
4. Black cherry	Prunus serotina	FACU	3.0	No	No		
5. Witch hazel	Hamamelis virginiana	FACU	3.0	No	No		
6. Sweet pepperbush	Clethra alnifolia	FAC	3.0	No	Yes		
7. Sassafras	Sassafras albidum	FACU	3.0	No	No		
8. Red oak	Quercus rubra	FACU	3.0	No	No		
9.							
			<u>39.0</u> = Total Cover				
<u>Herb Stratum</u>		Plot size <u>5</u>		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name						
1. White pine	Pinus strobus	FACU	3.0	Yes			
2. Red maple	Acer rubrum	FAC	3.0	Yes			
3. Princess Pine	Lycopodium obscurum	FACU	3.0	Yes			
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
			<u>9.0</u> = Total Cover				

N  
Y  
N



**VEGETATION – continued.**

<u>Woody Vine Stratum</u>		Plot size <u>30</u>		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name						
1. N/A							
2.							
3.							
4.							
				0.0 = Total Cover			

<b>Rapid Test:</b> Do all dominant species have an indicator status of OBL or FACW?				Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Dominance Test:</b>	Number of dominant species	Number of dominant species that are wetland indicator plants		Do wetland indicator plants make up $\geq 50\%$ of dominant plant species?
	6	2		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<b>Prevalence Index:</b>		Total % Cover (all strata)	Multiply by:	Result
	OBL species		X 1	= 0.00
	FACW species		X 2	= 0.00
	FAC species		X 3	= 0.00
	FACU species		X 4	= 0.00
	UPL species		X 5	= 0.00
	Column Totals	(A) 0		(B) 0
Prevalence Index		B/A = 0.00		Is the Prevalence Index $\leq 3.0$ ? Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Wetland vegetation criterion met?</b>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		

**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 %	3.0 %
6-15 %	10.5 %
15-25 %	20.5 %
26-50 %	38.0 %
51-75 %	63.0 %
76-95 %	85.5 %
96-100 %	98.0 %

## 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>	Location <sup>2</sup>		
2.00	10YR 2/1	100.0%		0.0%			Hemic	Organic
4.00	10YR 3/2	100.0%		0.0%			Sandy loam	
8.00	10YR 3/4	100.0%		0.0%			Sandy loam	
16.00	10YR 5/4	100.0%		0.0%			Sandy loam	
24.00	10YR 5/6	98.0%	7.5YR 4/6	2.0%	D	M	Sandy loam	Redox at 22"
		0.0%		0.0%				
		0.0%		0.0%				
		0.0%		0.0%				
		0.0%		0.0%				
		0.0%		0.0%				
		0.0%		0.0%				

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

Restrictive Layer (if observed) Type: N/A Depth (inches): \_\_\_\_\_

Remarks:

Hydric Soils criterion met?

Yes ☐ No ☒